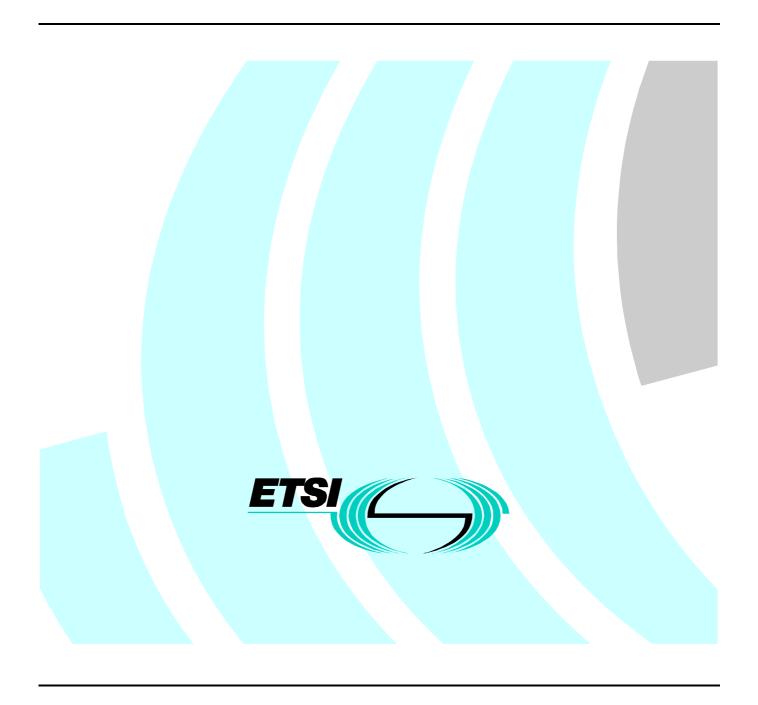
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Network integration testing between ISDN, PLMN and PSTN; Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification



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ETSI

Postal address

F-06921 Sophia Antipolis Cedex - FRANCE

Office address

650 Route des Lucioles - Sophia Antipolis Valbonne - FRANCE

Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16 Siret N° 348 623 562 00017 - NAF 742 C Association à but non lucratif enregistrée à la Sous-Préfecture de Grasse (06) N° 7803/88

Internet

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Foreword

This ETSI Guide (EG) has been produced by the ETSI Technical Committee Services and Protocols for Advanced Networks (SPAN) using information provided by EURESCOM P613, and is now submitted for the ETSI standards Membership Approval Procedure.

The present document is part 1 of a multi-part EG covering the Network integration testing between ISDN, PLMN and PSTN, as identified below:

- Part 1: Test Suite Structure and Test Purposes (TSS&TP) specification;
- Part 2: Abstract Test Suite (ATS), Implementation Conformance Statement (ICS) and partial Implementation eXtra Information for Testing (IXIT) proformas;

Introduction

The present document contains the Test Suite Structure and Test Purposes (TSS&TP) for Network Integration Testing Narrow-band Services for testing the European ISDN and PLMN, covering Network Integration Testing (NIT) between ISDN-PLMN, PSTN-PLMN, PLMN-ISDN, PLMN-PSTN and PLMN-PLMN networks. The objective is to verify the level of international end-to-end support of ISDN and PLMN services. Both bearer services (and associated teleservices) and supplementary services are checked for interworking capability and compatibility, in the European ISDN and PLMN.

The European ISDN and PLMN are made up by connecting the different national networks and End-to-end NIT covers all the testing activities necessary to assess the correct behaviour of the interconnected network from the point of view of access interfaces, network side.

1 Scope

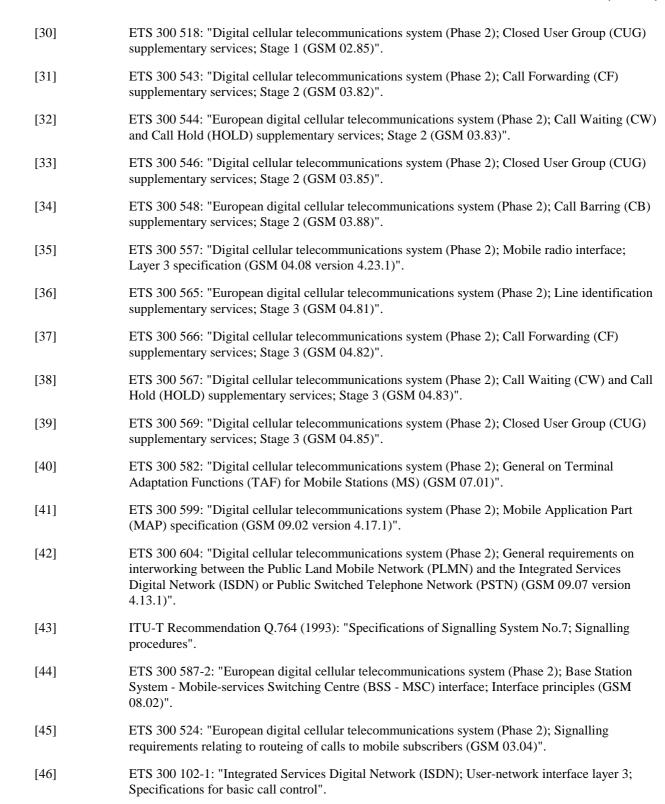
The present document specifies the Test Suite Structure and Test Purposes (TSS&TP) for Network Integration Testing (NIT) to verify the overall compatibility of ISDN, PLMN and non-ISDN (PSTN) over the national or international ISUP between networks. Network Integration Testing will assure that the appropriate requested features passes between an ISDN subscriber and the PLMN subscriber across the national or international ISUP (ISUP V2) interface.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.
- [1] EN 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".
- [2] EG 201 018 (ETR 018): "Integrated Services Digital Network (ISDN); Application of the Bearer Capability (BC), High Layer Compatibility (HLC) and Low Layer Compatibility (LLC) information elements by terminals supporting ISDN services".
- [3] ETS 300 267-1: "Integrated Services Digital Network (ISDN); Telephony 7 kHz and videotelephony teleservices; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [4] ETS 300 080: "Integrated Services Digital Network (ISDN); ISDN lower layer protocols for telematic terminals".
- [5] ETS 300 103: "Integrated Services Digital Network (ISDN); Support of CCITT Recommendation X.21, X.21 bis and X.20 bis based Data Terminal Equipments (DTEs) by an ISDN Synchronous and asynchronous terminal adaptation functions".
- [6] ETS 300 092-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [7] ETS 300 093-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [8] ETS 300 097-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [9] ETS 300 098-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [10] ETS 300 138-1: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

- ETS 300 061-1: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) [11] supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". ETS 300 055-1: "Integrated Services Digital Network (ISDN); Terminal Portability (TP) [12] supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". [13] ETS 300 286-1: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". ETS 300 185-1: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) [14] supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". [15] ETS 300 207-1: "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". ETS 300 130-1: "Integrated Services Digital Network (ISDN); Malicious Call Identification [16] (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". [17] ETS 300 188-1: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". [18] ETS 300 141-1: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". [19] ETS 300 058-1: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". [20] ETS 300 369-1: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". ETS 300 195-1: "Integrated Services Digital Network (ISDN); Supplementary service interactions; [21] Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification". TBR 008: "Integrated Services Digital Network (ISDN); Telephony 3,1 kHz teleservice; [22] Attachment requirements for handset terminals". [23] ITU-T Recommendation I.112 (1988): "Vocabulary and terms for ISDNs". ITU-T Recommendation I.210 (1988): "Principles of the telecommunication services supported by [24] an ISDN and the means to describe them". ITU-T Recommendation E.164 (1988): "Numbering plan for the ISDN era". [25] ISO/IEC 9646-1: "Information Technology-OSI Conformance Testing Methodology and [26] Framework, Part 1: General Concepts".
 - [27] ETS 300 502: "European digital cellular telecommunications system (Phase 2); Teleservices supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.03)".
- [28] ETS 300 511: "European digital cellular telecommunications system (Phase 2); Man-Machine Interface (MMI) of the Mobile Station (MS)
- [29] ETS 300 515: "Digital cellular telecommunications system (Phase 2); Call Forwarding (CF) supplementary services; Stage 1 (GSM 02.82)".



[48] ITU-T Recommendation G.711 (1988): "Pulse code modulation (PCM) of voice frequencies".

ITU-T Recommendation V.110 (1996): "Support by an ISDN of data terminal equipments with

- [49] ITU-T Recommendation X.30 (1993): "Support of X.21, X.21 bis and X.20 bis based Data Terminal Equipments (DTEs) by an Integrated Services Digital Network (ISDN)".
- [50] ITU-T Recommendation F.721 (1992): "Videotelephony teleservice for ISDN".

V-Series type interfaces".

[47]

[51]	ITU-T Recommendation F.182 (1996): "Guidelines for the support of the communication of documents using Group 3 facsimile between user terminals via public networks".
[52]	ISO/IEC 8208 (1995): "Information technology - Data communications - X.25 Packet Layer Protocol for Data Terminal Equipment".
[53]	ISO/IEC 7776 (1995): "Information technology - Telecommunications and information exchange between systems - High-level data link control procedures - Description of the X.25 LAPB-compatible DTE data link procedures".
[54]	ITU-T Recommendation V.120 (1996): "Support by an ISDN of data terminal equipment with V-Series type interfaces with provision for statistical multiplexing".
[55]	ETS 300 578: "Digital cellular telecommunications system (Phase 2); Radio subsystem link control (GSM 05.08 version 4.22.0)".
[56]	ITU-T Recommendation G.101 (1996): "The transmission plan".
[57]	ETS 300 542: "Digital cellular telecommunications system (Phase 2); Line identification supplementary services; Stage 2 (GSM 03.81 version 4.8.1)".
[58]	ITU-T Recommendation H.221 (1999): "Frame structure for a 64 to 1920 kbit/s channel in audiovisual teleservices".
[59]	ITU-T Recommendation H.242 (1999): "System for establishing communication between audiovisual terminals using digital channels up to 2 Mbit/s".

3 Definitions

For the purposes of the present document, the following terms and definitions apply:

3.1 Definitions related to conformance testing

abstract test case: refer to ISO/IEC 9646-1 [26] **abstract test suite:** refer to ISO/IEC 9646-1 [26]

implementation under test: refer to ISO/IEC 9646-1 [26]

lower tester: refer to ISO/IEC 9646-1 [26]

Implementation Conformance Statement (ICS) proforma: refer to ISO/IEC 9646-1 [26]

Implementation eXtra Information for Testing (IXIT) proforma: refer to ISO/IEC 9646-1 [26]

point of control and observation: refer to ISO/IEC 9646-1 [26]

protocol implementation conformance statement: refer to ISO/IEC 9646-1 [26]

protocol implementation extra information for testing: refer to ISO/IEC 9646-1 [26]

system under test: refer to ISO/IEC 9646-1 [26]

test purpose: refer to ISO/IEC 9646-1 [26]

3.2 Definitions related to EN 300 403-1

user: DSS1 protocol entity at the User side of the user-network interface where a T reference point or coincident S and T reference point applies

user (S/T): DSS1 protocol entity at the User side of the user-network interface where a coincident S and T reference point applies

user (**T**): DSS1 protocol entity at the User side of the user-network interface where a T reference point applies (User is the Private ISDN)

Integrated Services Digital Network (ISDN): see ITU-T Recommendation I.112 [23], subclause 2.2 definition 308

service: telecommunications service: see ITU-T Recommendation I.112 [23], subclause 2.2 definition 201

supplementary service: see ITU-T Recommendation I.210 [24], subclause 2.4

ISDN number: number conforming to the numbering and structure specified in ITU-T Recommendation E.164 [25]

3.3 Configuration of the mobile network

3.3.1 The entities of the mobile system

To provide the mobile service as it is defined, it is necessary to introduce some specific functions. These functional entities can be implemented in different equipment's or integrated. In any case, exchanges of data occur between these entities.

3.3.1.1 The Home Location Register (HLR)

This functional entity is a data base in charge of the management of mobile subscribers. A PLMN may contain one or several HLRs; it depends on the number of mobile subscribers, on the capacity of the equipment and on the organization of the network. All subscription data are stored there. The main information stored there concerns the location of each mobile station in order to be able to route calls to the mobile subscribers managed by each HLR. All management interventions occur on this data base. The HLRs have no direct control of MSCs.

3.3.1.2 The Visitor Location Register (VLR)

An MS roaming in an MSC area is controlled by the Visitor Location Register in charge of this area. When an MS appears in a location area it starts a location updating procedure. The MSC in charge of that area notices this registration and transfers to the Visitor Location Register the identity of the location area where the MS is situated. A VLR may be in charge of one or several MSC areas.

The VLR also contains the information needed to handle the calls set up or received by the MSs registered in its data base (in some cases the VLR may have to obtain additional information from the HLR).

3.3.1.3 The Mobile-services Switching Centre (MSC)

The Mobile-services Switching Centre is an exchange which performs all the switching functions for mobile stations located in a geographical area designated as the MSC area. The main difference between an MSC and an exchange in a fixed network is that the MSC has to take into account the impact of the allocation of radio resources and the mobile nature of the subscribers and has to perform, for example, the following procedures:

- procedures required for the location registration;
- procedures required for hand-over.

3.3.1.4 The Base Station System (BSS)

The BSS is the sub-system of Base Station equipment (transceivers, controllers, etc.) which is viewed by the MSC through a single interface (A-interface) with the functionality described in ETS 300 587-2 [44] (GSM 08.02).

3.3.1.5 The Gateway MSC (GMSC)

In the case of incoming calls to the PLMN, if the fixed network is unable to interrogate the HLR, the call is routed to an MSC. This MSC will interrogate the appropriate HLR and then route the call to the MSC where the mobile station is located. The MSC which then performs the routing function to the actual location of the mobile is called the Gateway MSC. The choice of which MSCs can act as Gateway MSCs is a network operator matter (e.g. all MSCs or some designated MSCs).

3.3.1.6 The SMS Gateway MSC

The SMS GMSC is the interface between the Mobile Network and the network which provides access to the Short Message Service Centre, for short messages to be delivered to mobile stations. The choice of which MSCs can act as SMS Gateway MSCs is a network operator matter (e.g. all MSCs or some designated MSCs).

3.3.1.7 The SMS Interworking MSC

The SMS IWMSC is the interface between the Mobile Network and the network which provides access to the Short Message Service Centre, for short messages submitted by mobile stations. The choice of which MSCs can act as SMS Interworking MSCs is a network operator matter (e.g. all MSCs or some designated MSCs).

3.3.1.8 The Equipment Identity Register (EIR)

This functional unit is a data base in charge of the management of the equipment identities of the mobile stations; see also GSM 02.16.

3.3.2 Configuration of a Public Land Mobile Network (PLMN)

The basic configuration of a Public Land Mobile Network is presented in figure 2.2/1. In this figure the most general solution is described in order to define all the possible interfaces which can be found in any PLMN. The specific implementation in each network may be different: some particular functions may be implemented in the same equipment and then some interfaces may become internal interfaces. In any case the configuration of a PLMN must have no impact on the relationship with the other PLMNs. In this configuration, all the functions are considered implemented in different equipment's. Therefore, all the interfaces are external and need the support of the Mobile Application Part of the Signalling System No. 7 to exchange the data necessary to support the mobile service. From this configuration, all the possible PLMN organizations can be deduced.

3.3.3 Interconnection between PLMNs

Since the configuration of a PLMN does not have any impact on other PLMNs, the signalling interfaces specified can be implemented both between the entities within a PLMN and between different PLMNs.

3.3.4 The interfaces within the mobile service

3.3.4.1 Interface between the HLR and the VLR (D-interface)

This interface is used to exchange the data related to the location of the mobile station and to the management of the subscriber. The main service provided to the mobile subscriber is the capability to set up or to receive calls within the whole service area. To support that purpose the location registers have to exchange data. The VLR informs the HLR on the registration of a mobile station managed by the latter and provides it with the relevant location information. The HLR sends to the VLR all the data needed to support the service to the mobile station. The HLR then calls the previous VLR to inform it that it can cancel the location registration of this station because of the roaming of the mobile.

Exchanges of data may also occur when the mobile subscriber requires a particular service, when he wants to change some data attached to his subscription or when some parameters of the subscription are modified by administrative means.

3.3.4.2 Interface between the VLR and its associated MSC(s) (B-interface)

The VLR is the location and management data base for the mobile stations roaming in the area controlled by the associated MSC(s). Whenever the MSC needs data related to a given mobile station currently located in its area, it interrogates the VLR. When a mobile station initiates a location updating procedure with an MSC, the MSC informs its VLR which stores the relevant information in its tables. This procedure occurs whenever a mobile roams to another location area. Also, for instance when a subscriber activates a specific supplementary service or modifies some data attached to a service, the MSC transfers (via the VLR) the request to the HLR, which stores these modifications and updates the VLR if required.

However, this interface is not fully operational specified. It is strongly recommended not to implement the B-interface as an external interface.

3.3.4.3 Interface between VLRs (G-interface)

When an MS initiates a location updating using TMSI, the VLR can fetch the IMSI and authentication set from the previous VLR.

3.3.4.4 Interface between the HLR and the MSC (C-interface)

When the fixed network is not able to perform the interrogation procedure needed to set up a call to a mobile subscriber, the Gateway MSC has to interrogate the HLR of the called subscriber to obtain the roaming number of the called MS (see ETS 300 524 [45] (GSM 03.04)).

To forward a short message to a mobile subscriber, the SMS Gateway MSC has to interrogate the HLR to obtain the MSC number where the MS is located.

3.3.4.5 Interface between MSCs (E-interface)

When a mobile station moves from one MSC area to another during a call, a handover procedure has to be performed in order to continue the communication. For that purpose the MSCs involved have to exchange data to initiate and then to realize the operation.

This interface is also used to forward short messages.

3.3.4.6 Interface between the MSC and Base Station Systems (A-interface)

The description of this interface is contained in the GSM 08-series of Mobile stations.

The BSS-MSC interface carries information concerning:

- BSS management;
- call handling;
- location management.

3.3.5 Access reference configuration

3.3.5.1 Mobile Termination (MT)

Mobile Termination (MT) performs the following functions:

- radio transmission termination;
- radio transmission channel management;
- terminal capabilities, including presentation of a man-machine interface to a user;
- speech encoding/decoding;
- error protection for all information sent across the radio path. This includes FEC (forward error correction) and, for signalling and user data (except for transparent data services), ARQ (automatic request fore transmission);
- flow control of signalling and mapping of user signalling to/from PLMN access signalling;
- flow control of user data (except for transparent data services) and mapping of flow control for asynchronous transparent data services;
- rate adaptation of user data between the radio channel rate and user rates;
- multiple terminal support;
- mobility management.

There are three types of MT:

- MT0 includes functions belonging to the functional group MT, with support of no terminal interfaces;
- MT1 includes functions belonging to the functional group MT, and with an interface that complies with the GSM recommended subset of the ISDN user-network interface specifications;
- MT2 includes functions belonging to the functional group MT, and with an interface that complies with the GSM recommended subset of the ITU-T X or V series interface recommendations.

The MT plus any TE/(TE + TA) constitutes the Mobile Station, MS.

3.3.5.2 Physical Realization

In a GSM PLMN, the reference point Um is a GSM interface point, i.e. it is always implemented as a physical interface. The reference points S and R may be optionally implemented as physical interfaces.

3.4 Definitions related to test purpose descriptions

BC=speech: Bearer capability information element with its information transfer capability field set to "speech" and its user information layer one protocol field set to "ITU-T Recommendation G.711 [48] A-law"

BC=3,1 kHz audio: Bearer capability information element with its information transfer capability field set to "3,1 kHz Audio" and its user information layer one protocol field set to "ITU-T Recommendation G.711 [48] A-law"

BC=UDI: Bearer capability information element with its information transfer capability set to "unrestricted digital information" [1]

BC=UDI/TA: Bearer capability information element with its information transfer capability set to "unrestricted digital information with tones/announcements" and its user information layer one protocol field set to "ITU-T Recommendations H.221 [58] and H.242 [59]"

BC=V110/X30: Bearer capability information element with its information transfer capability set to "unrestricted digital information" and its user information layer 1 field set to "ITU-T standardized rate adaption V.110/X.30", including sync/async and user rate values [1]

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HLC=telephony: High Layer compatibility information element with its high layer characteristics identification field set to "telephony".

HLC=videotelephony_ic: High Layer compatibility information element with its high layer characteristics identification field set to "videotelephony (Rec. F.721 [50])" and its extended audiovisual characteristics field set to "capability set of initial channel of ITU-T Recommendation H.221 [58]"

HLC = **Facsimile G2/G3**: High Layer compatibility information element with its high layer characteristics identification field set to "facsimile group 2/3 (ITU-T Recommendation F.182 [51])"

HLC=facsimile group 4: High Layer compatibility information element with its high layer characteristics identification field set to "facsimile group 4 class 1" [1], [4]

HLC=telex: High Layer compatibility information element with its high layer characteristics identification field set to "telex" [1]

LLC=telematic_term: Low Layer compatibility information element with its user information layer 2 field indicating "ISO/IEC 7776 [53] / DTE-DTE operation" and user information layer 3 field indicating "ISO/IEC 8208 [52]"

LLC=voice band data via modem: Low Layer compatibility information element with its user information layer 1 field indicating a "modem type" coding [1]

LLC = **V110/X30**: Low Layer compatibility information element with its user information layer 1 field indicating "ITU-T standardized rate adaption V.110/X.30" and including sync/async and user rate values [5]

SI=UPVP: Screening Indicator forwarded to the served user coded as "User-provided, verified and passed"

SI=NP: Screening Indicator coded as "Network provided" [1]

PI=PR: Presentation Indicator coded as "Presentation restricted" [1]

TON=international: Type of number coded as "international" [1]

TON=unknown: Type of number coded as "unknown" [1]

NPI=unknown: Numbering plan identification coded as "unknown" [1]

CUG default request: calling user do not include in the outgoing SETUP message a explicit request for the CUG supplementary service [10]

UI length=32: length of the User information field of the User-user information element is 35 octets

CF active: call forwarding (U, B or NR) supplementary service is already activated with the address of user C [15]

GSM - **Bearer service categories:** all bearer service categories provide information transfer between R/S reference points and allow the use of sub-rate information streams which are rate adapted

GSM-BC=UDI: Unrestricted Digital Information (UDI); Provides the transfer of unrestricted digital information

GSM-BC= 3,1 kHz (External to the PLMN): used to select a "3,1 kHz audio" interworking function at the MSC. This service category is used when interworking with the ISDN or PSTN "3,1 kHz audio" service and includes the capability to select a modem at the interworking function. "External to the PLMN" indicates that the "3,1 kHz audio" service is only used outside of the PLMN, in the ISDN/PSTN. The connection within the PLMN, user access point to the interworking function, is an unrestricted digital connection

Alternate Speech/Data: provides the capability to swap between speech and data during a call

If either the speech or data portion of the call requires a full rate channel, a full rate channel shall be used for the duration of the call

The access interface at the mobile station for the data portion is assumed to be a standard data interface. Some means must be provided to select the speech/data capability

Speech followed by Data: provides a speech connection first and then at some time while the call is in progress, the user can switch to a data connection. The user cannot switch back to speech after the data portion. If either the speech or data portion of the call requires a full rate channel, a full rate channel shall be used from the start of the call. The network may then change to a half rate channel for the data portion

GSM teleservices: teleservices supported by a GSM PLMN are described by a number of attributes which are intended to be largely independent. They are grouped into three categories:

- high layer attributes;
- low layer attributes (describing the Bearer capabilities which support the Teleservice);
- information transfer attributes;
- access attributes;
- General attributes.

GSM-BC= Speech (**TS 11**): this service provides the transmission of speech information and audible signalling tones of the PSTN/ISDN. In the GSM PLMN and the fixed network processing technique appropriate for speech such as analogue transmission, echo cancellation and low bit rate voice encoding may be used

Alternate speech and facsimile group 3 (TS 61): this Teleservice allows the connection of ITU-T group 3 fax apparatus (send and/or receive) to the mobile stations of a GSM PLMN. Facsimile connections may be established to/from group 3 apparatus in the PSTN, ISDN or GSM PLMN

Automatic Facs. group 3 (TS 62): this teleservice allows connection of ITU-T group 3 fax apparatus to and from the mobile stations of a GSM PLMN. Facsimile connections may be established to and from group 3 apparatus in the PSTN, ISDN or GSM PLMN

4 Abbreviations

For the purposes of the present document, the following abbreviations apply:

3PTY Three-party conference ATS Abstract Test Suite

BC Bearer capability information element

BSS Base Station Sub-system
BSSMAP BSS Management Part

CD Call deflection
CFB Call forwarding busy
CFNR Call forwarding no response

CFNRc Call forwarding on mobile subscriber not reachable

CFNRy Call forwarding on no reply CFU Call forwarding unconditional

CI CUG Index

CLIP Calling line identification presentation
CLIR Calling line identification restriction
COLP Connected line identification presentation
COLR Connected line identification restriction

CONF Conference (add-on)
CUG Closed user group
CUG Closed User Group
CW Call waiting

ECT Explicit call transfer
ESR Eroded Seconds Ratio
FPH Freephone service

FTAM File Transfer Access & Management

GMSC Gateway MSC

GSM Global System for Mobile Communication
HLC High layer compatibility information element

HLR Home Location Register

HPLMN Home PLMN IA Incoming Access

ICB Incoming Calls Barred within a CUG
IMSI International Mobile Subscriber Identity
ISDN Integrated Services Digital Network

ISUP ISDN User Part

LLC Low layer compatibility information element

MAP Mobile Application Part
MCID Malicious call identification

MS Mobile Station

MSC Mobile Switching Center MSISDN Mobile Station ISDN number

MT Mobile Terminated
MTC Mobile Terminated Call
MTP Message Transfer Part
NIT Network Integration Testing

OCB Outgoing Calls Barred within a CUG

ONP Open Network Provision
OSI Open Systems Interconnection

PC Preferential CUG
PI Presentation indicator

PIXIT Protocol Implementation eXtra Information for Testing

PSTN Public Switched Telephone Network

SI Screening indicator

SIM Subscriber Identity Module SS Supplementary Service

SUB Subaddressing TC Test Case

TMSI Temporary Mobile Subscriber Identity

TON Type of number TP Terminal portability

TP Test Plant

TSS Test Suite Structure

TSS&TP Test Suite Structure and Test Purposes
UDI Unrestricted digital information

UDI-TA Unrestricted digital information with tones/announcements

UUS User-to-user signalling

UUS1 UUS service 1 UUS2 UUS service 2 UUS3 UUS service 3

VLR Visitor Location Register

VPLMN Visited PLMN

5 Test Suite Structure (TSS)

5.1 ISDN-PLMN

ISDN-PLMN	Basic_Call (1)	Successful (1)	Speech	1101xx
			3,1 kHz audio	1102xx
			UDI	1103xx
		Unsuccessful (2)	Speech	1201xx
		Offsuccessiui (2)		
			3,1 kHz audio	1202xx
			UDI	1203xx
	Supplementary		UDI-TA	1204xx
	Services (2)	Speech (1)	CLIP	2101xx
	,		CLIR	2102xx
			COLP	2103xx
			COLR	2104xx
			CUG	2105xx
			SUB	2106xx
			CFU	2107xx
			CFB	2108xx
			CFNRy	2109xx
			CFNRc	2110xx
			HOLD	2111xx
			CW	2112xx
			UUS implicit	2113xx
				211388
			Interactions	
			CFU_CLI_COL	2114xx
			CFB_CLI_COL	2115xx
			CFNRy_CLI_COL	2116xx
			CFNRc_CLI_COL	2117xx
			CUG_CFU	2118xx
			CFB_CW	2119xx
			non-symmetrical tests	
			TP	2201xx
			UUS 1, 2 and 3	
				2202xx
			CONF	2203xx
			3PTY	2204xx
			ECT	2205xx
			Call Barring services	2206xx
			CCBS	2207xx
			CCNR	2208xx
			AoC	2209xx
			MPTY	2210xx
		UDI (2)	CLIP CLIR	2301xx
			COLP	2302xx 2303xx
			COLR	2304xx
			CUG	2305xx
			SUB	2306xx
			CFU	2307xx
			CFB	2308xx
			CFNRy	2309xx
			CFNRc	2310xx
			UUS implicit	2311xx
			Interactions	231177
			CFU_CLI_COL	2312xx
			CFB_CLI_COL	2313xx
			CFNRy_CLI_COL	2314xx
			CFNRc_CLI_COL	2315xx
			CUG_CFU	2316xx
			non-symmetrical tests	231074
			UUS 1, 2 and 3	2401xx
			Call Barring services	2402xx
			Call Darring Services	Z4UZAĂ
	B-channel (3)	(1)	Speech	3101xx
		\ - <i>I</i>	3,1 kHz audio	3102xx
			UDI	3103xx
			[0.00///

5.2 PSTN-PLMN

PSTN-PLMN	Basic_Call (1)	Successful (1)		4101xx
		Unsuccessful (2)		4201xx
	Supplementary			
	Services (2)		CLIP	5101xx
			CLIR	5102xx
			CUG	5103xx
			CFU	5104xx
			CFB	5105xx
			CFNRy	5106xx
			CFNRc	5107xx
			non-symmetrical tests	
			Call Barring services	5201xx
			MPTY	5202xx
	B-channel (3)			6101xx

5.3 PLMN-ISDN

PLMN-ISDN	Basic_Call (1)	Successful (1)	Speech	7101xx
		,	3,1 kHz audio ex PLMN	7102xx
			UDI	7103xx
			Facsimile G3	7104xx
			Alternate speech and facsimile group 3	7105xx
			Alternate Speech/Data	7106xx
			Speech followed by data	7107xx
			Emergency Calls	7108xx
			Emergency cano	7 100///
		Unsuccessful (2)	Speech	7201xx
			3,1 kHz audio ex PLMN	7202xx
			UDI	7203xx
			Facsimile G3	7204xx
			Alternate speech and facsimile group 3	7205xx
			Emergency Calls	7206xx
	Supplementary Services (2)	Choosh (4)	CLIP	8101xx
-	Services (2)	Speech (1)		
			CLIR	8102xx
			COLP	8103xx
			COLR	8104xx
			CUG	8105xx
			SUB	8106xx
			CFU	8107xx
			CFB	8108xx
			CFNR	8109xx
			HOLD	8110xx
			CW	8111xx
			UUS 1 implicit	8112xx
			non-symmetrical tests	
			TP	8201xx
			MCID	8202xx
			MPTY	8203xx
			ECT	8204xx
			CD	8205xx
			Call Barring services	8206xx
			CONF	8207xx
			3PTY	8208xx
		1151 (0)	OLID	0004
		UDI (2)	CLIP	8301xx
			CLIR COLP	8302xx
				8303xx
			COLR	8304xx
			CUG	8305xx
			SUB	8306xx
			CFU	8307xx
			CFB	8308xx
			CFNR	8309xx
			UUS 1 implicit	8310xx
			non-symmetrical tests	0.404
			Call Barring services	8401xx
			CD	8402xx
	B-channel (3)	(1)	Speech	9101xx
L	V-1	. ,	3,1 kHz audio ex PLMN	9102xx
			o, i ki iz adalo ox i zivii t	0.02/00

5.4 PLMN-PSTN

PLMN-PSTN	Basic_Call (1)	Successful (1)	Speech	10101xx
			3,1 kHz audio ex PLMN	10102xx
			Facsimile G3	10103xx
			Alternate speech and facsimile group 3	10104xx
			Emergency Calls	10105xx
		Unsuccessful (2)	Speech	10201xx
			3,1 kHz audio	10202xx
			Facsimile G3	10203xx
			Alternate speech and facsimile group 3	10204xx
			UDI	10205xx
			Emergency Calls	10206xx
	Supplementary			
	Services (2)	Speech (1)	CLIP	11101xx
			CLIR	11102xx
			COLR	11103xx
			CUG	11104xx
			CFU	11105xx
			CFB	11106xx
			CFNR	11107xx
			non-symmetrical tests	
			MCID	11201xx
			MPTY	11202xx
			Call barring services	11203xx
	B-channel (3)	(1)	Speech	12101xx
			3,1 kHz audio ex PLMN	12102xx
			Facsimile G3	12103xx
			Alternate speech and facsimile group 3	12104xx
			Speech followed by data	12105xx
			Emergency Calls	12106xx

5.5 PLMN-PLMN

PLMN-PLMN	Basic_Call (1)	Successful (1)	Speech	13101xx
			3,1 kHz audio ex PLMN	13102xx
			UDI	13103xx
			Facsimile G3	13104xx
			Alternate speech and facsimile group 3	13105xx
			Alternate Speech/Data	13106xx
			Speech followed by data	13107xx
į			Short message service	13108xx
		Unsuccessful (2)	Speech	13201xx
	·		3,1 kHz audio ex PLMN	13202xx
			UDI	13203xx
			Facsimile G3	13204xx
			Alternate speech and facsimile group 3	13205xx
	Supplementary			
	Services (2)	Speech (1)	CLIP	14101xx
			CLIR	14102xx
			COLP	14103xx
			COLR	14104xx
			CUG	14105xx
			SUB	14106xx
			CFU	14107xx
			CFB	14108xx
			CFNRy	14109xx
			CFNRc	14110xx
			HOLD	14111xx
			CW	14112xx
			UUS 1 implicit	14113xx
			MPTY	14114xx
			Call Barring services	14115xx
			Interactions	11110,00
			CUG_CFU	14116xx
			CFB_CW	14117xx
		UDI (2)	CLIP	14201xx
		0D1 (L)	CLIR	14202xx
			COLP	14203xx
			COLR	14204xx
			CUG	14204xx
			SUB	14205xx
			CFU	14206XX 14207XX
			CFB	14208xx
			CFNRy	14209xx
			CFNRc	14210xx
			UUS 1 implicit	14211xx
			Call Barring services	14212xx
			Interactions	
I			CUG_CFU	14213xx
	B-channel (3)	(1)	Speech	15101xx
	B-channel (3)	(1)	Speech 3,1 kHz audio ex PLMN	15101xx 15102xx

NOTE: Numbers in brackets represent group/subgroup numbers and are used in Test Purpose identifiers.

6 **Test Purposes**

6.1 Introduction

For each test requirement a Test Purpose is defined.

6.1.1 Test purpose naming convention

The Test Purposes are identified by a six or seven figure numbering scheme were the first figure (or both the first and the second figures) identifies the Test Group, followed by a three figure number for

subgroup and a two figures serial number, starting at 01, within each group/subgroup. Groups are organized according to the TSS. See table 1 below.

Table 1: Test Purpose Identifier naming convention scheme

Identifier: TC <Test group > <Sub group> <nn> <Test group>: 1 or 2 digit field representing group reference according to TSS 1 = ISDN-PLMN/Basic_call 2 = ISDN-PLMN/Supplementary_services 3 = ISDN-PLMN/B-channel 4 = PSTN-PLMN/Basic call 5 = PSTN-PLMN/Supplementary_services 6 = PSTN-PLMN/B-channel 7 = PLMN-ISDN/Basic_call 8 = PLMN-ISDN/Supplementary_services 9 = PLMN-ISDN/B-channel 10 = PLMN-PSTN/Basic_call 11 = PLMN-PSTN/Supplementary_services 12 = PLMN-PSTN/B-channel

13 = PLMN-PLMN/Basic_call

14 = PLMN-PLMN/Supplementary_services

15 = PLMN-PLMN/B-channel

<Subgroup>: 3 digit field representing sub group reference according to TSS

(01-99)<nn> = sequential number

6.1.2 Source of test purpose definition

The Test Purposes for ISDN are based on EN 300 403-1 [1] and the applicable standards for supplementary services.

The Test Purposes for PLMN are based on ETS 300 557 [35] (GSM 04.08), ETS 300 599 [41] (GSM 09.02), ETS 300 604 [42] (GSM 09.07) and the applicable standards for supplementary services.

6.1.3 Test purpose structure

The Test Purposes are formatted as tables using the format shown in the following figure. The text in bold shows the text which is always present. The normal text provides explanation for each field.

Table 2: Format of a single Test Purpose for ISDN/PSTN -PLMN tests

Identifier	ISDN or PSTN ref. to:	PLMN ref. to:
TSS reference:	Test Suite Structure reference	
ISDN or PSTN	The criteria necessary in order to s	elect the ISDN test
selection criteria:	-	
PLMN selection criteria:	The criteria necessary in order to s	elect the PLMN test
Test purpose:	Description of the test purpose	
ISDN or PSTN	Values of parameters used for the ISDN or PSTN test execution.	
Parameter values:		
PLMN Parameter	Values of parameters used for the PLMN test execution.	
values:		
Comments:	Any relevant comments and referen	nce

Table 3: Format of a single Test Purpose for PLMN-PLMN tests

Identifier	PLMN ref. to:		
TSS reference:	Test Suite Structure reference		
PLMN selection criteria orign.:	The criteria necessary in order to s	elect the PLMN orign. Test	
	The criteria necessary in order to s	The criteria necessary in order to select the PLMN dest. Test	
Test purpose:	Description of the test purpose		
PLMN parameter values orign.:	Values of parameters used for the PLMN orign. test execution.		
PLMN parameter values term.:	Values of parameters used for the PLMN term. test execution.		
Comments:	Any relevant comments and referen	nce	

6.2 Test Purposes

6.2.1 Test purposes for ISDN-PLMN, Basic call

6.2.1.1 Successful

Successful	
Speech	

110101	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2	
	subclause 5.1.5.1	ETS 300 604 [42], subclause 10.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful	/Speech/TC110101	
ISDN selection criteria:	Speech		
PLMN selection criteria:	TS 11		
Test purpose:	Ensure that call establishment using en-bloc sending is performed correctly.		
ISDN parameter values:	BC=speech, no HLC		
PLMN parameter values:	GSM-BC=speech, no HLC		
Comments:			

110102	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2	
	subclause 5.1.5.2	ETS 300 604 [42], subclause 10.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful	/Speech/TC110102	
ISDN selection criteria:	Speech		
PLMN selection criteria:	TS 11		
Test purpose:	Ensure that call establishment using overlap sending is performed correctly.		
ISDN parameter values:			
PLMN parameter	GSM-BC=speech, no HLC		
values			
Comments:			

110103	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2	
	subclause 5.3.3	ETS 300 604 [42], subclause 10.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful/	Speech/TC110103	
ISDN selection criteria:	Speech	Speech	
PLMN selection criteria:	TS 11		
Test purpose:	Ensure that the call clearing procedure is performed correctly when the calling user clears after answer.		
ISDN parameter values:	BC=speech, no HLC		
PLMN parameter	GSM-BC=speech, no HLC		
values			
Comments:	_		

110104	ISDN ref. To:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 5.3.3	ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful/	Speech/TC110104
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that the call clearing proced	lure is performed correctly when the called user clears
	after answer.	
ISDN parameter values:	BC=speech, no HLC	
PLMN parameter	GSM-BC=speech, no HLC	
values		
Comments:		

110105	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.17	ETS 300 604 [42], subclause 10.2.2
	TBR 8 [22], subclause 5.1.3,	ETS 300 582 [40], subclause B.2.8
	EG 201 018 [2] , subclause 6.3.1	
TSS reference:	ISDN-PLMN/Basic_call/Successful/Speech/TC110105	
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Support of telephony 3,1 kHz teleservice: Ensure that the HLC information is transported	
	transparently through the network and correctly delivered to the called user.	
ISDN parameter values:	BC=speech, HLC = telephony	
PLMN parameter	GSM-BC=speech, HLC = telephony	
values		
Comments:		

Successful	
3,1 kHz audio	

110201	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 5.1.5.1	ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110201
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using en-bloc sending and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC=3,1 kHz audio, no HLC	
PLMN parameter values:	GSM-BC=speech	
Comments:	The call set-up to the mobile will costored in the VLR	ontain a GSM BC mapped from the BC/LLC/HLC

110202	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1.	ETS 300 557 [35], subclause 5.2.2
	5.1	ETS 300 604 [42], subclause 9.2.2, 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	'3,1 kHz audio/TC110202
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, Single numbering Scheme	
criteria:		
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using en-bloc sending (single-numbering scheme) and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter	BC=3,1 kHz audio, no HLC	
values:		
PLMN parameter		
values		
Comments:	The call set-up to the mobile will no	t contain a GSM-BC element

110203	ISDN ref. To:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 5.1.5.2	ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110203
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using overlap sending and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC=3,1 kHz audio, no HLC	
PLMN parameter values:	GSM-BC=speech	
Comments:	The call set-up to the mobile will co stored in the VLR	ntain a GSM BC mapped from the BC/LLC/HLC

110204	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.5.2	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 9.2.2,	
		subclause 10.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful	'3,1 kHz audio/TC110204	
ISDN selection criteria:	Bearer service 3,1 kHz audio	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Single numbering Scheme		
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using overlap sending (single-numbering scheme) and the call clearing procedure is performed correctly when the called user clears after answer.		
ISDN Parameter	BC=3,1 kHz audio, no HLC		
values:			
PLMN Parameter values:			
Comments:	The call set-up to the mobile will no	t contain a GSM-BC element	

110205	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2.4,
	subclause 5.1.6	subclause 10.5.4.21
		ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110205
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi numbering Scheme, TS 11	
Test purpose:	To verify that progress information in the ISDN-SETUP can be transported correctly to	
	the called MS.	
ISDN parameter values:	BC=3,1 kHz audio, progress value #3 "origination address is non ISDN".	
PLMN parameter	GSM-BC=speech, progress value #3 "origination address is non ISDN".	
values:		
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC	
	stored in the VLR and the progress value #3 "origination address is non ISDN".	
	The progress indicator information element is transported in the Access Transport	
	parameter of the initial address message (IAM). The access transport parameter will be	
	transported transparently. It is the responsibility of the end points to ensure compatibility.	

110206	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.6	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.4, subclause 10.5.4.21 ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110206
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Single numbering Scheme	
Test purpose:	To verify that progress information in the ISDN-SETUP can be transported correctly to the called MS (single-numbering scheme).	
ISDN parameter values:	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, progress value #3 "origination address is non ISDN".	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, LLC = 3,1 kHz audio, voice band data via modem, progress value #3 "origination address is non ISDN".	
Comments:		

110207	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.17	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.10
TSS reference:	ISDN-PLMN/Basic_call/Successful,	/3,1 kHz audio/TC110207
ISDN selection criteria:	Telefax G3 terminals;	
PLMN selection criteria	TS 61	
Test purpose:	Support of Telefax G3. Ensure that the ISDN BC value "3,1 kHz audio" and the HLC value "facsimile group 2/3" are mapped in two GSM BC-IE preceded by a repeat indicator, one representing speech, the other representing facsimile group 3.	
ISDN Parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN Parameter	first GSM-BC=speech	
values	second GSM-BC= facsimile G3, HL	.C = Facsimile G2/G3
Comments:		

110208	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.17	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2, case 3 in HLR, case 5 in VMSC)
		ETS 300 582 [40], subclause B.2.11
TSS reference:	ISDN-PLMN/Basic_call/Successful/3,1 kHz audio/TC110208	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria	TS 62	
Test purpose:	Support of Telefax G3. Ensure that the ISDN BC value "3,1 kHz audio" and the HLC value "facsimile group 2/3" are mapped in the GSM BC-IE representing facsimile group 3.	
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC= facsimile G3, HLC = Fac	csimile G2/G3
Comments:		

110209	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.17	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.10
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110209
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria	Single numbering Scheme, TS 62	
Test purpose:	Support of Telefax G3. Ensure that the ISDN BC value "3,1 kHz audio" and the HLC value "facsimile group 2/3" are mapped in the GSM BC-IE representing facsimile group 3 (single-numbering scheme).	
ISDN Parameter values:	BC=3,1 kHz audio, HLC = Facsimil	e G2/G3
PLMN Parameter values	GSM-BC= facsimile G3, HLC = Fac	esimile G2/G3
Comments:		

110210	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.3
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110210
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 31	
Test purpose:	Support of voice band data via modem. Ensure that the BC=3,1 kHz audio, voice band	
	data via modem, synchronous, user rate 1,2 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s,	
	no LLC.	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:	rate 1,2 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the	
	ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate	
	adaption V.110/X.30 or V.120 [54] .	

110211	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	3,1 kHz audio/TC110211
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 32	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, no LLC	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s	
Comments:		clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the indicates either of the ITU-T standardized rate

110212	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110212
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, synchronous mode, BS 33	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, no LLC	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:	rate 4,8 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
		clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the
		indicates either of the ITU-T standardized rate
	adaption V.110/X.30 or V.120 [54]	

110213	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2	
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2.2	
		ETS 300 582 [40], subclause B.1.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110213	
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	Audio, synchronous mode, BS 34		
criteria:			
Test purpose:	Support of voice band data via modem. Ensure that the BC =3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s is correctly mapped to the called user.		
ISDN parameter	BC=3,1 kHz audio, voice band data	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s,	
values:	no LLC		
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user		
values:	rate 9,6 kbit/s		
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.		
	According ETS 300 102-1 [46] sub-	clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the	
	ISDN-BC may be present if octet 5	indicates either of the ITU-T standardized rate	
	adaption V.110/X.30 or V.120 [54]		

110214	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.3
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110214
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, synchronous mode, BS 31	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC=3,1 kHz audio information is correctly mapped and the LLC= 3,1 kHz audio, voice band data via modem, synchronous	
	mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, synchronous	
values:	mode, user rate 1,2 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:	rate 1,2 kbit/s, LLC = 3,1 kHz audio, voice band data via modem, synchronous mode,	
	user rate 1,2 kbit/s	
Comments:		

110215	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PI MN/Basic call/Successful	ETS 300 582 [40], subclause B.2.2
ISDN selection criteria:	ISDN-PLMN/Basic_call/Successful/3,1 kHz audio/TC110215 Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 32	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio information is correctly mapped to the called user and the LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, LLC =3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s	
Comments:		

110216	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110216
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection	Audio, synchronous mode, BS 33	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio information is correctly mapped to the called user and the LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, LLC =3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
Comments:		

110217	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	3,1 kHz audio/TC110217
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, synchronous mode, BS 34	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio is correctly	
	mapped to the called user and the LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = 3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, synchronous	
values:	mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:		voice band data via modem, synchronous mode,
	user rate 9,6 kbit/s	
Comments:		

110218	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.3
TSS reference:	ISDN-PLMN/Basic_call/Successful,	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 31	
Test purpose:	Support of voice band data via modem: Ensure that the BC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s and LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the indicates either of the ITU-T standardized rate

110219	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110219
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, synchronous mode, BS 32	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band	
	data via modem, synchronous mode, user rate 2,4 kbit/s is correctly mapped and the	
	LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4	
	kbit/s is correctly delivered to the ca	alled user.
ISDN parameter	BC= LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4	
values:	kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:	rate 2,4 kbit/s, LLC =3,1 kHz audio, voice band data via modem, synchronous mode,	
	user rate 2,4 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
	According ETS 300 102-1 [46] sub-	clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the
		indicates either of the ITU-T standardized rate
	adaption V.110/X.30 or V.120 [54]	

110220	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110220
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 33	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC = LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, LLC =3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations. According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54].	

110221	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110221
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, synchronous mode, BS 34	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio voice band data via modem, synchronous mode, user rate 9,6 kbit/s is correctly mapped and the	
	LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6	
	kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate	
values:	9,6 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:	rate 9,6 kbit/s, LLC =3,1 kHz audio	, voice band data via modem, synchronous mode,
	user rate 9,6 kbit/s	
Comments:		

110222	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110222
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 21	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s, no LLC	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations. According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54].	

110223	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	.
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 22	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, no LLC	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
Comments:		clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the indicates either of the ITU-T standardized rate

110224	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110224
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 24	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, no LLC	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations. According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54].	

110225	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110225
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, asynchronous mode, BS 25	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s is correctly mapped to the	
	called user.	de, user rate 4,6 kbit/s is correctly mapped to the
ISDN parameter	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s,	
values:	no LLC	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode,	
values:	user rate 4,8 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
		clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the
	ISDN-BC may be present if octet 5	indicates either of the ITU-T standardized rate
	adaption V.110/X.30 or V.120 [54]	

110226	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2	
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2.2	
		ETS 300 582 [40], subclause B.1.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110226	
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	Audio, asynchronous mode, BS 26		
criteria:			
Test purpose:	Support of voice band data via modem. Ensure that the BC =3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s is correctly mapped to the called user.		
ISDN parameter	BC=3,1 kHz audio, voice band data	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s,	
values:	no LLC		
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode,		
values:	user rate 9,6 kbit/s		
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.		
	According ETS 300 102-1 [46] sub-	clause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the	
	ISDN-BC may be present if octet 5	indicates either of the ITU-T standardized rate	
	adaption V.110/X.30 or V.120 [54]		

110227	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110227
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, asynchronous mode, BS 21	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC =3,1 kHz audio information is	
	correctly mapped to the called user	
		ta via modem, asynchronous mode, user rate 0,3
	kbit/s is correctly delivered to the ca	
ISDN parameter	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, asynchronous	
values:	mode, user rate 0,3 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user	
values:	rate 0,3 kbit/s, LLC = 3,1 kHz audio	o, voice band data via modem, asynchronous mode,
	user rate 0,3 kbit/s	
Comments:		

110228	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2	
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2	
		ETS 300 582 [40], subclause B.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110228	
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	Audio, BS 22 asynchronous mode	Audio, BS 22 asynchronous mode	
criteria:			
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio information is correctly mapped to the called user and the LLC = 3,1 kHz audio, voice band data via		
	modem, asynchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.		
ISDN parameter	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, asynchronous		
values:	mode, user rate 1,2 kbit/s		
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode,		
values:		audio, voice band data via modem, asynchronous	
	mode, user rate 1,2 kbit/s		
Comments:			

110229	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Successful	/3,1 kHz audio/TC110229
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, asynchronous mode, BS 24	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio information is correctly mapped to the called user and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, asynchronous	
values:	mode, user rate 2,4 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, LLC =3,1 kHz audio, voice band data via modem, asynchronous	
values:	mode, user rate 2,4 kbit/s, LLC =3,1 kHz a	audio, voice band data via modem, asynchronous
Comments:		

110230	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2
	100010010010010010010010010010010010010	ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/3,1 kHz audio/TC110230
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 25	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio information is correctly mapped to the called user and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, LLC =3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s	
Comments:		

110001	lionni di	
110231	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	7777 200 777 527
	subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2
		ETS 200 604 [42], subalaysa 10 2 2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/3,1 kHz audio/TC110231
ISDN selection	Bearer service 3,1 kHz audio, v	oice band data via modem
criteria:	, , ,	
PLMN selection	Audio, asynchronous mode, BS	26
criteria:	,,	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio is correctly mapped to the called user and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = 3,1 kHz audio, LLC = 3,1 kHz audio, voice band data via modem,	
values:	asynchronous mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous	
values:	mode, user rate 9,6 kbit/s, LLC =3,1 kHz audio, voice band data via modem,	
	asynchronous mode, user rate 9,6 kbit/s	
Comments:		

110232	110232 ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/3,1 kHz audio/TC110232
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 21	
Test purpose:	Support of voice band data via modem. Ensure that the BC =3,1 kHz, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s audio is correctly mapped and the LLC= 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC= LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s, LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54] .	

110233	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/3,1 kHz audio/TC110233
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 22	
Test purpose:	Support of voice band data via modem. Ensure that the BC =3,1 kHz, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s audio is correctly mapped and the LLC= 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC= LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54] .	

110234	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/3,1 kHz audio/TC110234
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 24	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC= LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, LLC =3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
		oclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the 5 indicates either of the ITU-T standardized rate].

110235	110235 ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/3,1 kHz audio/TC110235
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 25	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC = LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, LLC =3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54] .	

110236	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/3,1 kHz audio/TC110236
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 26	
Test purpose:	Support of voice band data via modem. Ensure that the BC = 3,1 kHz audio voice band data via modem, asynchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC = LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s, LLC =3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s	
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations. According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the ISDN-BC may be present if octet 5 indicates either of the ITU-T standardized rate adaption V.110/X.30 or V.120 [54].	

110237	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.5.1	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/3,1 kHz audio/TC110237
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Multi-numbering Scheme	
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using en-bloc sending and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC=3,1 kHz audio, no HLC	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem ACCESS_RATE (PIXIT)	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR	



110301	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],		
	subclause 5.1.5.1	ETS 300 557 [35], subclause 5.2.2	
	subclause 5.1.5.1	E15 500 557 [55], subclause 5.2.2	
		ETS 200 604 [42], subalouse 10.2.2	
		ETS 300 604 [42], subclause 10.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Su	 cceseful/LIDI/TC110301	
1 33 reference.	IODIN-1 LIVIN/Dasic_call/30	accessia//00//10110001	
ISDN selection	Bearer service UDI		
	Bearer service obt		
criteria:			
PLMN selection	UDI, Multi-numbering Sch	eme	
criteria:			
Test purpose:	Ensure that call establishr	nent without exhaustive compatibility information for	
	deducing a GSM Basic Se	ervice using en-bloc sending and the call clearing	
		prrectly when the calling user clears after answer.	
	procedure is performed of	bridging when the daming user oldars after answer.	
ISDN parameter	BC = UDI, no HLC		
values:	, , ,		
PLMN parameter	GSM-BC = UDI, V.110/X :	GSM-BC = UDI, V.110/X.30,	
values:	- CON 20 - CD1, 1.1 10/1.00,		
values.			
Comments:	The call set-up to the mob	The call set-up to the mobile will contain a GSM BC mapped from the	
	BC/LLC/HLC stored in the	VLR	

440000		
110302	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1.5.1	ETS 300 557 [35], subclause 5.2.2
	300000000000000000000000000000000000000	L 3/
		ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110302
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, Single numbering Scheme	
criteria:		
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using en-bloc sending (single-numbering scheme) and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter	BC = UDI, no HLC	
values:		
PLMN parameter		
values:		
Comments:	The call set-up to the mobile wil	I not contain a GSM-BC element

110303	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1.5.2	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110303
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, Multi-numbering Scheme	
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using overlap sending and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC = UDI, no HLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30,	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR	

110304	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1.5.2	ETS 300 557 [35], subclause 5.2.2
	Subclause 5.1.5.2	215 300 337 [33], subclause 3.2.2
		ETS 300 604 [42], subclause 10.2.2
		10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110304
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, Single numbering Scheme	
criteria:		
Test purpose:	Ensure that call establishment without exhaustive compatibility information for deducing a GSM Basic Service using overlap sending (single-numbering scheme) and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC = UDI, no HLC	
PLMN parameter		
values:		
Comments:	The call set-up to the mobile wil	I not contain a GSM-BC element

110305	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.3
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110305
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 31	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC= UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, no LLC	
Comments:		

110306	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Success	stul/UDI/TC110306
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 32	
Test purpose:	Support of terminal adapters V.110/X.30.Ensure that the BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s information is correctly mapped to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s, no LLC	
Comments:		

110307	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110307
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 33	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the	
	BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s information is correctly mapped to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s, no LLC	
Comments:		

110308	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2
	3ubclause 4.5.5	1,
		ETS 300 604 [42], subclause 10.2.2
		ETEG 200 502 [40] 1 1 B 1 2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110308
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, synchronous mode, BS 34	
criteria:		
Test purpose:	Support of terminal adapters V.	110/X.30. Ensure that the BC=UDI, V.110/X.30,
1	synchronous mode, user rate 9.	6 kbit/s information is correctly mapped to the
	called user.	
ISDN parameter	BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s, no LLC	
values:		
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s, no LLC	
values:	•	
Comments:		

110309	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4. 5.5, subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.3
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110309
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 31	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI is correctly mapped and the LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC= UDI,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s	
Comments:		

110310	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18 ETS 300 103 [5], Annex I, EG 201 018 [2], subclause 7.1.1	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110310
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 32	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
Comments:		

110311	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18 ETS 300 103 [5], Annex I, EG 201 018 [2], subclause 7.1.1	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110311
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 33	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s	
Comments:		

110312	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110312
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 34	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI information is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s	
Comments:		

110313	ISDN ref. to: EN 300 403-1 [1], subclause 4. 5.5, subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.3
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110313
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 31	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s	
Comments:		

		I=
110314	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5,	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	
	Subclause 4.5.16	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/S	uccessful/UDI/TC110314
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, synchronous mode, BS 32	
criteria:	, , , , , , , , , , , , , , , , , , , ,	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30,	
		rate 2,4 kbit/s is correctly mapped and the LLC=UDI,
		mode, user rate 2,4 kbit/s is correctly delivered to the
	called user.	
ISDN parameter	BC=LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
values:		
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
values:	Som So Sol, Tillorato, Syllomonous mode, door late 2,4 hollo	
varacs.	LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
Comments:		

110315	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110315
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 33	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s	
Comments:		

	I	T=
110316	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5,	ETS 300 557 [35], subclause 5.2.2
	subclause 4.5.18	
	30000000 4.0.10	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	ssful/UDI/TC110316
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, synchronous mode, BS 34	
criteria:		
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that BC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s and LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s is transported transparently through the network and correctly delivered to the called user.	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s,	
values:		
	LLC=UDI, V.110/X.30, synchron	ous mode, user rate 9,6 kbit/s
Comments:		

110317	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.3
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110317
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 21	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC= UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s is correctly mapped to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s, no LLC	
Comments:		

110318	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.1.2
		212 000 002 [10], successus 2112
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110318
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 22	
Test purpose:	Support of terminal adapters V.110/X.30.Ensure that the BC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s information is correctly mapped to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s, no LLC	
Comments:		

110319	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110319
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 24	
Test purpose:		110/X.30.Ensure that the BC = UDI, V.110/X.30, 2,4 kbit/s information is correctly mapped to the
ISDN parameter values:	BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, as	ynchronous mode, user rate 2,4 kbit/s, no LLC
Comments:		

110320	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110320
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 25	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the	
	BC = UDI, V.110/X.30, asynchron mapped to the called user.	nous mode, user rate 4,8 kbit/s information is correctly
ISDN parameter values:	BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, as	ynchronous mode, user rate 4,8 kbit/s, no LLC
Comments:		

110321	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 4.5.5	ETS 300 557 [35], subclause 5.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], subclause B.1.2
TSS reference:	ISDN-PLMN/Basic_call/Success	sful/UDI/TC110321
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 26	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s information is correctly mapped to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s, no LLC	
Comments:		

110322	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18 ETS 300 103 [5], Annex I, EG 201 018 [2], subclause 7.1.1	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110322
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 21	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s	
Comments:		

110323	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18 ETS 300 103 [5], Annex I, EG 201 018 [2],	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2
	subclause 7.1.1	ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110323
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 22	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s	
Comments:		

110324	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18 ETS 300 103 [5], Annex I, EG 201 018 [2], subclause 7.1.1	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	ısful/UDI/TC110324
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 24	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s	
Comments:		

110325	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.18 ETS 300 103 [5], Annex I, EG 201 018 [2], subclause 7.1.1	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110325
ISDN selection criteria:	Bearer service UDI, V.110/X.30 rate adaption	
PLMN selection criteria:	UDI, asynchronous mode, BS 25	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s information is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s	
Comments:		

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110326	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],		
	subclause 4.5.18	ETS 300 557 [35], subclause 5.2.2	
	Subclause 4.5.10		
		ETS 300 604 [42], subclause 10.2.2	
		212 200 00 1 [12], successor 10.2.2	
		ETS 300 582 [40], subclause B.2.2	
		E15 300 302 [10], subclude B.2.2	
TSS reference:	ISDN-PLMN/Basic_call/Succe	seful/LIDI/TC110326	
133 reference.	IODIV I LIVIIV/Dasic_call/Odece	33141/001/10110320	
ISDN selection	Bearer service UDI	Regrer service LIDI	
	Bearer service obt		
criteria:	LIBI L DOGO		
PLMN selection	UDI, asynchronous mode, BS 26		
criteria:			
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI information is		
		correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate	
	9,6 kbit/s is correctly delivered	to the called user.	
1001	DO LIDI II O LIDI V 440/V	00	
ISDN parameter	BC = UDI, LLC=UDI, V.110/X.	30, asynchronous mode, user rate 9,6 kbit/s	
values:			
PLMN parameter	GSM-BC = UDI, V.110/X.30, a	synchronous mode, user rate 9,6 kbit/s	
values:			
valuoo.	LLC=UDI, V.110/X.30, asynchro	onous mode, user rate 9.6 kbit/s	
	,,,	, , , , , , , , , , , , , , , , , , , ,	
Comments:			
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110327	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110327
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 21	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s	
Comments:		

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110328	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],		
	subclause 4.5.5,	ETS 300 557 [35], subclause 5.2.2	
	subclause 4.5.18		
	3ubclause 4.5.10	ETS 300 604 [42], subclause 10.2.2	
		ETS 300 582 [40], subclause B.2.2	
TSS reference:	ISDN-PLMN/Basic_call/S	Successful/UDI/TC110328	
ISDN selection	Bearer service UDI	Bearer service UDI	
criteria:			
PLMN selection	UDI, asynchronous mode, BS 22		
criteria:	-		
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.		
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s		
PLMN parameter	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s		
values:			
	LLC=UDI, V.110/X.30, asy	ynchronous mode, user rate 1,2 kbit/s	
Comments:			

110329	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110329
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 24	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s	
Comments:		

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ISDN ref. to:	PLMN ref. to:		
EN 300 403-1 [1],			
	ETS 300 557 [35], subclause 5.2.2		
3ubclau3c 4.5.10	ETS 300 604 [42], subclause 10.2.2		
	ETG 200 592 [40] . 1.1 D 2 2		
	ETS 300 582 [40], subclause B.2.2		
ISDN-PLMN/Basic_call/S	Successful/UDI/TC110330		
Bearer service UDI	Bearer service UDI		
UDI, asynchronous mode, BS 25			
Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s is correctly delivered to the			
		called user.	,
		BC=LLC=UDL V.110/X.3	80, asynchronous mode, user rate 4,8 kbit/s
GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s			
LLC=UDI, V.110/X.30, as	ynchronous mode, user rate 4,8 kbit/s		
	EN 300 403-1 [1], subclause 4.5.5, subclause 4.5.18 ISDN-PLMN/Basic_call/S Bearer service UDI UDI, asynchronous mode, use V.110/X.30, asynchronous called user. BC=LLC=UDI, V.110/X.3 GSM-BC = UDI, V.110/X.3		

110331	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 4.5.18	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], subclause B.2.2
TSS reference:	ISDN-PLMN/Basic_call/Succes	sful/UDI/TC110331
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 26	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that BC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s and LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s is transported transparently through the network and correctly delivered to the called user.	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s	
PLMN parameter values:	GSM-BC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s	
Comments:		

6.2.1.2 Unsuccessful

Unsuccessful	
Speech	

120101	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.4,	PLMN ref. to: ETS 300 557 [35], Annex H.1.1
	subclause 5.3, Annex M	ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsuc	ccessful/Speech/TC120101
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with a RELEASE COMPLETE or DISCONNECT message indicating cause value #1 "unassigned number".	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:	Some PLMNs provide announcement instead of sending cause value #1.	
	In the case when the calling user is calling to an unallocated number the tones or announcement can only by generated in the destination exchange (or intermediate exchange) during call establishment (see Q.764 [43] subclause 2.2).	
	progress indicator #8 thus indicat	DISCONNECT message to the calling user with ing that in-band information is available. Normal in-band information has been connected.

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120102	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1.4, Annex M	ETS 300 557 [35], Annex H.1.1
	,	
		ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	cessful/Speech/TC120102
ISDN selection	Speech	
criteria:	·	
PLMN selection		
criteria:		
Test purpose:	Ensure that the call will be released when there is no route to destination. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 3 "no route to destination".	
ISDN parameter	BC=speech	
values:		
PLMN parameter		
values:		
Comments:	In some networks tones or announcement can be generated in the destination exchange (or intermediate exchange) during call establishment.	
	progress indicator #8 thus indicati	DISCONNECT message to the calling user with ng that in-band information is available. Normal
	release procedure apply after the fi	n-band information has been connected.

120103	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2.subclause 5.1,	ETS 300 557 [35], Annex H.1.6
	Annex M	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/Speech/TC120103
ISDN selection	Speech	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:		ser is busy (UDUB) the network initiate call
		a DISCONNECT message indicating cause value
	#17 "user busy".	
ISDN parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	After receiving the SETUP mes	sage, the MS replies immediately with a
	RELEASE COMPLETE (#17 "user busy")	
	The originating exchange sends a DISCONNECT message to the calling	
	user with progress indicator	#8 thus indicating that in-band information is
	available. Normal release pr	ocedure apply after the in-band information has
	been connected.	

120104	ISDN ref. to: EN 300 403-1 [1], subclause 5.2.subclause 5.1, Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/Speech/TC120104
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:	with progress indicator #8 thus	s a DISCONNECT message to the calling user indicating that in-band information is available. y after the in-band information has been

120105	ISDN ref. to: ETS 300 102- 1	PLMN ref. to:
	subclause 5.2.5.4, Annex M	ETS 300 557 [35], Annex H.1.7
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2
TSS reference:	ISDN-PLMN/Basic_call/Unsuc	cessful/Speech/TC120105
ISDN selection criteria:	Speech	
PLMN selection criteria:		
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #20 "Subscriber absent".	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:	NOTE: Some PLMNs provide # 20.	e announcements instead of sending cause value

120106	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2.5.4, Annex M	ETS 300 557 [35], Annex H.1.8
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/Speech/TC120106
ISDN selection	Speech	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".	
ISDN parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	with progress indicator #8 thus	s a DISCONNECT message to the calling user indicating that in-band information is available. y after the in-band information has been

120107	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.9, subclause 5.3.2, Annex M	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/Speech/TC120107	
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value # 21 "call rejected", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 21 "call rejected".	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The originating exchange sends a DISCONNECT message to the calling user with progress indicator #8 thus indicating that in-band information is available. Normal release procedure apply after the in-band information has been connected.	

120100	ICDN ref to:	DI MNI ref. 40.
120108	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1.4, Annex M	ETS 300 557 [35], Annex H.1.1
		ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/Speech/TC120108
ISDN selection criteria:	Speech	
PLMN selection criteria:		
Test purpose:	Ensure that the call will be released when the called number is incomplete. The network initiates call clearing to the calling user with a DISCONNECT or RELEASE COMPLETE message with a cause such as one of the following: # 1 "Unassigned (unallocated) number", # 3 "No route to destination", # 22 "Number changed" or # 28 "Invalid number format (incomplete number").	
ISDN parameter values:	BC=speech	
PLMN parameter		
values:		
Comments:		ouncement can be generated in the destination ange) during call establishment.
	progress indicator #8 thus indicatir	DISCONNECT message to the calling user with ag that in-band information is available. Normal a-band information has been connected.

120109	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to: ETS 300 557 [35], Annex B.3.2, Annex H 5.3	
	subclause 5.2.2, Annex M	E13 300 337 [33], Allilex B.3.2, Allilex II 3.3	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/Speech/TC120109	
ISDN selection criteria:	Speech	Speech	
PLMN selection criteria:			
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value #88 "incompatible destination".		
ISDN parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:	with progress indicator #8 thus	s a DISCONNECT message to the calling user indicating that in-band information is available. y after the in-band information has been	

120110	ISDN ref. to: EN 300 403-1 [1], Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.5
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	 essful/Speech/TC120110
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

120111	ISDN ref. to: EN 300 403-1 [1], subclause 5.2.subclause 5.1, Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.6 ETS 300 511 [28], subclause 4.4.2.3
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/Speech/TC120111	
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy").	

Unsuccessful	
3,1 kHz audio	_

120201	ISDN ref. to: EN 300 403-1 [1], subclause 5.	PLMN ref. to:
	1.4, subclause 5.3, Annex M	ETS 300 557 [35], Annex H.1.1
		ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120201
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with a RELEASE COMPLETE or DISCONNECT message indicating cause value #1 "unassigned number".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:		
Comments:	Some PLMNs provide announcement instead of sending cause value #1.	
	In the case when the calling user is calling to an unallocated number the tones or announcement can only by generated in the destination exchange (or intermediate exchange) during call establishment (see Q.764 [43] subclause 2.2).	
	progress indicator #8 thus indicatir	DISCONNECT message to the calling user with ag that in-band information is available. Normal a-band information has been connected.

120202	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.4, Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.1
		ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120202
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:		
Test purpose:	Ensure that the call will be released when there is no route to destination. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 3 "no route to destination".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:		
Comments:	In some networks tones or announcement can be generated in the destination exchange (or intermediate exchange) during call establishment.	
	progress indicator #8 thus indicating	DISCONNECT message to the calling user with ag that in-band information is available. Normal a-band information has been connected.

120203	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2.subclause 5.1, Annex M	ETS 300 557 [35], Annex H 1.6
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120203
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi numbering Scheme, TS 11	
Test purpose:	Ensure that, when the called user is busy (UDUB) the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:	GSM-BC=speech	
Comments:	After receiving the SETUP mess RELEASE COMPLETE (#17 "us	sage, the MS replies immediately with a ser busy").
	user with progress indicator #8	s a DISCONNECT message to the calling thus indicating that in-band information is dure apply after the in-band information has been

	T	
120204	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2.subclause 5.1,	ETS 300 557 [35], Annex H 1.6
	Annex M	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120204
ISDN selection	Bearer service 3,1 kHz audio	
criteria:	,	
PLMN selection	Audio, Single numbering Schen	ne.
criteria:	, tadio, Gingle Hambering Conon	
Test purpose:		er (single-numbering scheme) is busy (UDUB)
	the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter	BC=3,1 kHz audio	
values:		
PLMN parameter		
values:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element.	
	After receiving the SETUP message, the MS replies immediately with a RELEASE COMPLETE (#17 "user busy").	
	The originating exchange sends a DISCONNECT message to the calling	
	user with progress indicator #8 thus indicating that in-band information is	
	available. Normal release procedure apply after the in-band information has	
	been connected.	

120205	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 5.2, subclause 5.1, Annex M	ETS 300 557 [35], Annex H 1.6
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120205	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:		
Comments:	The originating exchange sends a DISCONNECT message to the calling user with progress indicator #8 thus indicating that in-band information is available. Normal release procedure apply after the in-band information has been connected.	

120206	ISDN ref. to: EN 300 403-1 [1], subclause 5.2.5.4, Annex M	PLMN ref. to: ETS 300 646 ETS 300 599 [41], 18.2, 18.3.2 ETS 300 557 [35], Annex H.1.7
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120206
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #20 "Subscriber absent".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:		
Comments:	NOTE :Some PLMNs provide a 20.	nnouncements instead of sending cause value #

120207	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1], subclause 5.2.5.4, Annex M	ETS 300 557 [35], Annex H.1.8	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120207	
ISDN selection criteria:	Bearer service 3,1 kHz audio	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi numbering Scheme		
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".		
ISDN parameter values:	BC=3,1 kHz audio		
PLMN parameter values:	GSM-BC=speech		
Comments:	with progress indicator #8 thus	s a DISCONNECT message to the calling user indicating that in-band information is available. y after the in-band information has been	

120208	ISDN ref. to:	PLMN ref. to:
120206	102111011101	PLIVIN ref. to:
	EN 300 403-1 [1],	ETC 200 557 [25] Amount II 1 0
	subclause 5.2.5.4, Annex M	ETS 300 557 [35], Annex H.1.8
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/3,1 kHz audio/TC120208
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection	Audio, Single numbering Schen	ne
criteria:		
Test purpose:	Ensure that when there is no answer from the called user (but user alerted) (single-numbering scheme), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter		
values:		
Comments:	The call set-up to the mobile wil	I not contain a GSM-BC element.
	progress indicator #8 thus indicatir	DISCONNECT message to the calling user with ag that in-band information is available. Normal aband information has been connected.

120209	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.9, subclause 5.3.2, Annex M	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120209	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi numbering Scheme	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value # 21 "call rejected", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 21 "call rejected".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:	GSM-BC=speech	
Comments:	The originating exchange sends a DISCONNECT message to the calling user with progress indicator #8 thus indicating that in-band information is available. Normal release procedure apply after the in-band information has been connected.	

120210	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.9, subclause 5.3.2, Annex M	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9	
TSS reference:		essful/3,1 kHz audio/TC120210	
ISDN selection criteria:	Bearer service 3,1 kHz audio		
PLMN selection criteria:	Audio, Single numbering Schen	Audio, Single numbering Scheme	
Test purpose:	Ensure that when the called user (single-numbering scheme) rejects the call and responds with a RELEASE COMPLETE message indicating cause value # 21 "call rejected", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 21 "call rejected".		
ISDN parameter values:	BC=3,1 kHz audio		
PLMN parameter values:			
Comments:	The call set-up to the mobile will not contain a GSM-BC element. The originating exchange sends a DISCONNECT message to the calling user with progress indicator #8 thus indicating that in-band information is available. Normal release procedure apply after the in-band information has been connected.		

120211	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1.4, Annex M	ETS 300 557 [35], Annex H.1.1
		ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120211	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that the call will be released when the called number is incomplete. The network initiates call clearing to the calling user with a DISCONNECT or RELEASE COMPLETE message with a cause such as one of the following: # 1 "Unassigned (unallocated) number", # 3 "No route to destination", # 22 "Number changed" or # 28 – "Invalid number format (incomplete number").	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:		
Comments:	exchange (or intermediate exchange for intermediate exchange sends a progress indicator #8 thus indicati	ouncement can be generated in the destination nange) during call establishment. DISCONNECT message to the calling user with ng that in-band information is available. Normal n-band information has been connected.

120212	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],		
	subclause 5.2.2, Annex M	300 557, Annex B.3.2, Annex H 5.3	
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120212		
ISDN selection	Bearer service 3,1 kHz audio	Bearer service 3,1 kHz audio	
criteria:			
PLMN selection	Audio		
criteria:			
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value #88 "incompatible destination".		
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem		
PLMN parameter values:	GSM-BC=3,1 kHz audio, voice band data via modem		
Comments:	with progress indicator #8 thus	s a DISCONNECT message to the calling user indicating that in-band information is available. y after the in-band information has been	

120213	ISDN ref. to: EN 300 403-1 [1], Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.5
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120213	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Multi numbering Scheme, TS 11	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:	GSM-BC=speech	
Comments:		

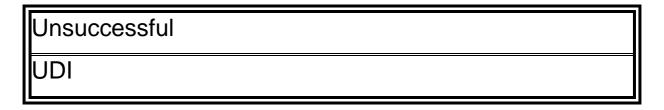
100011			
120214	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1], Annex M		
	LIV 300 403-1 [1], Allilex IVI	ETC 200 557 [25] Annov H 1 5	
		ETS 300 557 [35], Annex H.1.5	
TSS reference:	ISDN-PLMN/Basic call/Unsucc	essful/3,1 kHz audio/TC120214	
	_	,	
ISDN selection	Bearer service 3,1 kHz audio	Bearer service 3.1 kHz audio	
	Boardroot victor of the land and		
criteria:			
PLMN selection	Audio, Single numbering Scheme		
criteria:			
Criteria.			
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call		
	clearing" before answer from called user (single-numbering scheme), the		
	` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `		
	network transport the cause value to the called user.		
10011	DO 04111 - 15		
ISDN parameter	BC=3,1 kHz audio		
values:			
PLMN parameter			
<u>-</u>			
values:			
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a		
	GSM-BC element.		
	GOINI-DO GIGITIGITI.		

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120215	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1,	ETS 300 557 [35],Annex H 1.6
	Annex M	
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120215	
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, Multi numbering Scheme, TS 11	
criteria:		
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:	GSM-BC=speech	
Comments:	While in the alerting state, the c busy").	alled user sends a DISCONNECT (#17 "user

120216	ISDN ref. to: EN 300 403-1 [1], subclause 5.1, Annex M	PLMN ref. to: ETS 300 557 [35], Annex H 1.6
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120216	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, Single numbering Scheme	
Test purpose:	Ensure that, when the called user (single-numbering scheme) is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter values:	BC=3,1 kHz audio	
PLMN parameter values:		
Comments:	In case of "single numbering" the GSM-BC element.	e call set-up to the mobile will not contain a
	While in the alerting state, the called	ed user sends a DISCONNECT (#17 "user busy").

120217	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1, Annex M	ETS 300 557 [35], Annex H 1.6
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120217	
ISDN selection criteria:	Bearer service 3,1 kHz audio, voice band data via modem with modem type V.26	
PLMN selection criteria:	Audio, Multi-numbering Scheme	
Test purpose:	Unsuccessful voice band data via modem transmission.	
	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized".	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, modem type V.26, no LLC.	
PLMN parameter values:		
Comments:	The test is not applicable for ETS 300 102-1 [46] implementations.	
		oclause 4.5.5 NOTE 4 the octets 5a, 5b, 5c, 5d in the indicates either of the ITU-T standardized rate].
		tandard covers the cases where the subscription check the cause value with which the call shall be rejected is

120218	ISDN ref. to: EN 300 403-1 [1], subclause 5.1, Annex M	PLMN ref. to: ETS 300 557 [35], Annex H 1.6
TSS reference:	ISDN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio/TC120218	
ISDN selection criteria:	Bearer service 3,1 kHz audio, voice band data via modem with modem type V.26	
PLMN selection criteria:	Audio, Multi-numbering Scheme	
Test purpose:	Unsuccessful voice band data via modem transmission. Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized".	
ISDN parameter values:	BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, modem type V.26	
PLMN parameter values:		
Comments:	EDITORS NOTE 1: The PLMN Standard covers the cases where the subscription check or the compatibility check fails. The cause value with which the call shall be rejected is not defined	



120301	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 5.1.4, Annex M	ETS 300 557 [35], Annex H.1.1
TSS reference:	ISDN-PLMN/Basic_call/Unsuc	cessful/UDI/TC120301
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with a RELEASE COMPLETE or DISCONNECT message indicating cause value #1 "unassigned number".	
ISDN parameter values:	BC=UDI	
PLMN parameter values:		
Comments:		

120302	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	TTTG 200 557 [25] A H 1 1
	subclause 5.1.4, Annex M	ETS 300 557 [35], Annex H.1.1
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120302
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection		
criteria		
Test purpose:	Ensure that the call will be released when there is no route to destination. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 3 "no route to destination".	
ISDN parameter	BC=UDI	
values:		
PLMN parameter		
values:		
Comments:		

120303	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1,	ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.6
	Annex M	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120303
ISDN selection	Bearer service UDI	
criteria:	Board Solvice OB1	
PLMN selection	UDI, Multi numbering Scheme	
criteria:	, 3	
Test purpose:	Ensure that, when the called user is busy (UDUB) the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter	BC=UDI	
values:		
PLMN parameter	GSM-BC = UDI, V.110/X.30	
values:	,	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the	
	BC/LLC/HLC stored in the VLR	
	= 0, ==0, :=0 0.010d iii dio VER	

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120304	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],		
	subclause 5.1,	ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.6	
	Annex M		
	THIOX W		
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120304	
ISDN selection	Bearer service UDI		
criteria:			
PLMN selection	UDI, Multi numbering Scheme	UDI, Multi numbering Scheme	
criteria:			
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".		
ISDN parameter	BC=UDI		
values:			
PLMN parameter			
values:			
Comments:			

120305	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1,	ETS 300 599 [41], subclause 18.2, subclause 18.3.2
	Annex M	ETS 300 557 [35], subclause H.1.7
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120305
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #20 "Subscriber absent".	
ISDN parameter values:	BC=UDI	
PLMN parameter values:		
Comments:	NOTE: At the PLMN side cau	se value # 18 is "absent subscriber".
	At the ISDN side cause value #	18 is "no user responding".

	PLMN ref. to:
EN 300 403-1 [1],	
subclause 5.1, Annex M	ETS 300 557 [35], Annex H.1.8
10001 01 141 1/0	(
ISDN-PLMN/Basic_call/Unsucci	esstul/UDI/TC120306
Bearer service UDI	
UDI, Multi numbering Scheme	
Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".	
BC=UDI	
GSM-BC = UDI, V.110/X.30	
The call set-up to the mobile will contain a GSM BC mapped from the	
BC/LLC/HLC stored in the VLR	
	subclause 5.1, Annex M ISDN-PLMN/Basic_call/Unsucce Bearer service UDI UDI, Multi numbering Scheme Ensure that when there is no an network initiate call clearing to the indicating cause value #19 "no a called user a RELEASE message expire" or using cause #31 "norm BC=UDI GSM-BC = UDI, V.110/X.30 The call set-up to the mobile will

120307	ISDN ref. to: EN 300 403-1 [1], subclause 5. 1, Annex M	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120307
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value # 21 "call rejected", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value # 21 "call rejected".	
ISDN parameter values:	BC=UDI	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30	
Comments:	The call set-up to the mobile wil BC/LLC/HLC stored in the VLR	I contain a GSM BC mapped from the

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120308	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1.4, Annex M	ETS 300 557 [35], Annex H.1.1
		ETS 300 599 [41], subclause 18.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120308
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that the call will be released when the called number is incomplete. The network initiates call clearing to the calling user with a DISCONNECT or RELEASE COMPLETE message with a cause such as one of the following: # 1 "Unassigned (unallocated) number", # 3 "No route to destination", # 22 "Number changed" or # 28 "Invalid number format (incomplete number").	
		,
ISDN parameter	BC=UDI	
values:		
PLMN parameter values:		
Comments:		

120309	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2.2	ETS 300 557 [35], AnnexB.3.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120309
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination", the call will be released. The network initiates call clearing to the calling user with a DISCONNECT message indicating cause value #88 "incompatible destination".	
ISDN parameter values:	BC=LLC=UDI, V.110/X.30	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30	
Comments:	The call set-up to the mobile wil BC/LLC/HLC stored in the VLR	I contain a GSM BC mapped from the

120310	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], Annex M	ETS 300 557 [35], Annex H.1.5
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120310
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, Multi numbering Scheme	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
ISDN parameter values:	BC=UDI	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30	
Comments:	The call set-up to the mobile will BC/LLC/HLC stored in the VLR	Il contain a GSM BC mapped from the

120311	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1	ETS 300 557 [35], subclause 5.2.2.3.1, B.4; Annex H.5.3
		ETS 300 582 [40], Annex B2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120311
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the called user initiate call clearing with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination" and the network transport the cause value to the calling user when the calling user sends the SETUP containing the BC = UDI and the HLC=facsimile group 4.	
ISDN parameter values:	BC = UDI, HLC=facsimile group	4, no LLC
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, HL	.C = facsimile group 4
Comments:	transparently by the GSM PLMN	d-to-end aspect. The LLC/HLC-IE is transferred I and an ISDN between the call originating entity LC/HLC related part of the compatibility is up to
	checking performed in the GMSC.	orks the HLC is the related part of the compatibility. In this case the network initiates call clearing to the "service or option not available, unspecified" or # 57

120312	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1	ETS 300 557 [35] Annex H
	7, subclause 4.5.19	ETS 300 604 [42], subclause 10.2.2
	ETS 300 080 [4], subclause 4.5.2.1,	
	EG 201 018 [2] , subclause 6.3.2	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120312
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, HLC=facsimile group 4 and LLC=telematic_term.	
ISDN parameter values:	BC = UDI, HLC=facsimile group 4, LLC=telematic_term	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120313	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1	ETS 300 557 [35] Annex H
		ETS 300 604 [42], subclause 10.2.2
	EG 201 018 [2], subclause 7.1.3	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120313
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, LLC=telematic_term and the HLC = teletex basic and mixed mode.	
ISDN parameter values:	BC = UDI, HLC = teletex basic and mixed mode, LLC=telematic_term	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120314	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETS 300 557 [35] Annex H
	subclause 4.5.17	ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120314
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, LLC=telematic_term and the HLC = teletex basic and processable mode.	
ISDN parameter values:	BC = UDI, HLC = teletex basic and processable mode, LLC=telematic_term	
PLMN parameter values:		
Comments:	EDITORS NOTE 1: The PLMN Standard covers the cases where the subscription check or the compatibility check fails. The cause value with which the call shall be rejected is not defined.	

120315	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17 EG 201 018 [2], subclause 7.1.3	ETS 300 557 [35], Annex H ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120315
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, LLC = telematic_term and the HLC = teletex basic mode.	
ISDN parameter values:	BC = UDI, HLC = teletex basic mode, LLC = telematic_term	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120316	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1	ETS 300 557 [35], Annex H
	ETS 300 080 [4],	ETS 300 604 [42], subclause 10.2.2
	subclause 4.5.2.1	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120316
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with	
	cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, LLC = telematic_term and the HLC = international videotex interworking.	
ISDN parameter values:	BC = UDI, HLC = international videotex interworking, LLC = telematic_term	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120317	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17	ETS 300 557 [35], subclause 5.2.2.3.1, Annex B.4; H.5.3
		ETS 300 582 [40], Annex B2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120317
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the user initiate call clearing with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination" and the network transport the cause value to the calling user when the calling user sends the SETUP containing the BC = UDI and the HLC = telex.	
ISDN parameter values:	BC = UDI, HLC = telex, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, HLC = telex	
Comments:	Support of teleservices is an end-to-end aspect. The LLC/HLC-IE is transferred transparently by the GSM PLMN and an ISDN between the call originating entity and the addressed entity. The LLC/HLC related part of the compatibility is up to the terminal.	
	checking performed in the GMSC.	orks the HLC is the related part of the compatibility In this case the network initiates call clearing to the "service or option not available, unspecified" or # 57

120318	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17	ETS 300 557 [35], subclause 5.2.2.3.1, B.4; Annex H.5.3
	ETS 300 080 [4], subclause 4.5.2.1	ETS 300 582 [40], Annex B2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120318
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the user initiate call clearing with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination" and the network transport the cause value to the calling user when the calling user sends the SETUP containing the BC = UDI and the HLC = message handling system.	
ISDN parameter values:	BC = UDI, HLC = message handling system, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, HLC = message handling system,	
Comments:	Support of teleservices is an end-to-end aspect. The LLC/HLC-IE is transferred transparently by the GSM PLMN and an ISDN between the call originating entity and the addressed entity. The LLC/HLC related part of the compatibility is up to the terminal.	
	checking performed in the GMSC.	orks the HLC is the related part of the compatibility. In this case the network initiates call clearing to the "service or option not available, unspecified" or # 57

120319	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17	ETS 300 557 [35], subclause 5.2.2.3.1, Annex B.4, H.5.3
	ETS 300 080 [4], subclause 4.5.2.1	ETS 300 582 [40], Annex B2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	cessful/UDI/TC120319
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the user initiate call clearing with a RELEASE COMPLETE message indicating cause #88 "incompatible destination" and the network transport the cause value to the calling user when the calling user sends the SETUP containing the BC = UDI and the HLC = OSI application.	
ISDN parameter values:	BC = UDI, HLC = OSI application, no LLC	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, HLC = OSI application	
Comments:	Support of teleservices is an end-to-end aspect. The LLC/HLC-IE is transferred transparently by the GSM PLMN and an ISDN between the call originating entity and the addressed entity. The LLC/HLC related part of the compatibility is up to the terminal.	
	compatibility checking performed call clearing to the calling user	etworks the HLC is the related part of the ed in the GMSC. In this case the network initiates with cause value # 63 "service or option not bearer capability not authorized".

120320	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17	ETS 300 557 [35], subclause 5.2.2.3.1, Annex B.4, H.5.3
	ETS 300 267-1 [3], subclause 7	ETS 300 582 [40], Annex B2
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120320
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the user initiate call clearing with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination" and the network transport the cause value to the calling user when the calling user sends the SETUP containing the BC = UDI and the HLC=videotelephony_ic.	
ISDN parameter values:	BC = UDI, HLC=videotelephony_ic	
PLMN parameter values:	GSM-BC = UDI, V.110/X.30, HLC=videotelephony_ic	
Comments:	Support of teleservices is an end-to-end aspect. The LLC/HLC-IE is transferred transparently by the GSM PLMN and an ISDN between the call originating entity and the addressed entity. The LLC/HLC related part of the compatibility is up to the terminal.	
	checking performed in the GMSC.	orks the HLC is the related part of the compatibility In this case the network initiates call clearing to the "service or option not available, unspecified" or # 57

120321	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], Annex H	
		ETS 300 604 [42], Table 6B-09.07 General notes 1	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120321	
ISDN selection criteria:	Bearer service UDI	Bearer service UDI	
PLMN selection criteria:	UDI		
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, V.110/X.30, synchronous mode, user rate 19,2 kbit/s.		
ISDN parameter values:	BC = UDI, V.110/X.30, synchronous mode, user rate 19,2 kbit/s, no LLC		
PLMN parameter values:			
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.	

120322	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.19	ETS 300 557 [35], Annex H
	ETS 300 103 [5], Annex I,	ETS 300 604 [42], Table 6B-09.07 General notes 1
	EG 201 018 [2], subclause 7.1.1	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120322
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI and the LLC=V.110/X.30, synchronous mode, user rate 19,2 kbit/s.	
ISDN parameter values:	BC = UDI, LLC=V.110/X.30, synchronous mode, user rate 19,2 kbit/s	
PLMN parameter values:		
Comments:	EDITORS NOTE 1: The PLMN Standard covers the cases where the subscription check or the compatibility check fails. The cause value with which the call shall be rejected is not defined.	

110323	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5	ETS 300 557 [35], Annex H
		ETS 300 604 [42], Table 6B-09.07 General notes 1
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC110323
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC=UDI,	
	V.110/X.30, asynchronous mode, u	
ISDN parameter values:	BC=UDI, V.110/X.30, asynchronous mode, user rate 19,2 kbit/s, no LLC	
PLMN parameter values:		
Comments:		

120324	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1	ETS 300 557 [35], Annex H
	ETS 300 103 [5], Annex I	ETS 300 604 [42], Table 6B-09.07 General notes 1
	ETR 018, 7.1.1	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120324
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause	
	value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI and the LLC=V.110/X.30, asynchronous mode, user rate 19,2 kbit/s.	
ISDN parameter values:	BC = UDI, LLC=V.110/X.30, asynchronous mode, user rate 19,2 kbit/s	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120325	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 4.5.19	ETS 300 557 [35], Annex H ETS 300 604 [42], Table 6B-09.07 General notes 1
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120325
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC=UDI, V.110/X.30, synchronous mode, user rate 56 kbit/s.	
ISDN parameter values:	BC=UDI, V.110/X.30, synchronous mode, user rate 56 kbit/s, no LLC	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

	T	
120326	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.17,	ETS 300 557 [35], Annex H
	subclause 4.5.19	ETG 200 C04 [42] T-11 CD 00 07 C 1
	EG 201 018 [2] ,	ETS 300 604 [42], Table 6B-09.07 General notes 1
	subclause 7.1.3	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120326
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause	
	value # 63 "service or option not available, unspecified" or # 57 "bearer capability not	
	authorized" when the calling user sends the SETUP containing the BC = UDI,	
	LLC=telematic_term and the HLC= syntax-based videotex.	
		.,
ISDN parameter	BC = UDI, HLC= syntax-based videotex, LLC=telematic_term	
values:		
PLMN parameter		
values:		
Comments:	EDITORS NOTE 1: The PLMN Standard covers the cases where the	
	subscription check or the compa	atibility check fails. The cause value with which
	the call shall be rejected is not of	defined.

120327	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1 7,	ETS 300 557 [35], Annex H ETS 300 604 [42], 102.2, Table 6B-09.07
	subclause 4.5.19,	E13 300 004 [42], 102.2, Table 0B-03.07
	EG 201 018 [2], subclause 6.3.7	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120327
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause value # 63 "service or option not available, unspecified" or # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the BC = UDI, LLC=telematic_term and the HLC=FTAM.	
ISDN parameter values:	BC = UDI, HLC=FTAM, LLC=telematic_term	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120328	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.1 7,	
	subclause 4.5.19	ETS 300 604 [42], 102.2, Table 6B-09.07
	EG 201 018 [2], subclause 6.3.8	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120328
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause	
	value # 63 "service or option not available, unspecified" # 57 "bearer capability not authorized" when the calling user sends the SETUP containing the	
	BC = UDI, LLC=telematic_term and	nd the HLC= Eurofile.
ISDN parameter values:	BC = UDI, HLC= Eurofile, LLC=telematic_term	
PLMN parameter values:		
Comments:		Standard covers the cases where the atibility check fails. The cause value with which defined.

120329	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1,	ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.6
	Annex M	
	Alliex W	
TSS reference:	ISDN-PLMN/Basic_call/Unsucc	essful/UDI/TC120329
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
ISDN parameter	BC=UDI	
values:		
PLMN parameter		
values:		
Comments:	While in the alerting state, the c	alled user sends a DISCONNECT (#17 "user
	busy").	

Unsuccessful UDI-TA

100101		
120401	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
		ETS 300 557 [35] Annex H,
	subclause 5.1.5.1	E13 300 337 [33] Ailliex 11,
		ETS 300 604 [42], subclause 10.2.2
TSS reference:	ISDN-PLMN/Basic call/Unsucce	essful/UDI-TA/TC120401
ISDN selection	Bearer service UDI/TA	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that the network initiate call clearing to the calling user with cause	
		3 0
	value # 63 "service or option not as	vailable or # 65 "bearer service not implemented".
	value # 03 service of option not as	variable of # 05 bearer service not implemented.
ISDN parameter	BC=UDI/TA, no HLC	
-	BO-OBI/ 17 N, NO FILO	
values:		
PLMN parameter		
values:		
Comments:		

6.2.2 Test purposes for ISDN-PLMN Supplementary services

6.2.2.1 Bearer capability "speech"

Supplementary_services	
Speech	-

210101	ISDN ref. to:	PLMN ref. to:
	ETS 300 092-1 [6], subclause 9.3,	ETS 300 557 [35], subclause 10.5.4.9
	EN 300 403-1 [1],	ETS 300 565 [36]
	subclause 4.5.10, subclause 4.5.11	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CLIP/TC210101
ISDN selection criteria:	CLIP	
PLMN selection criteria:	The called user is provided with	CLIP
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "subscriber number", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.	
ISDN parameter values:	BC=speech, Calling party number: PI=PA SI=UPVP, TON=subscriber number Calling party subaddress	
PLMN parameter values:	GSM-BC=speech, Calling party number: PI=PA, SI=UPVP, TON= national / international number NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25]) Calling party subaddress	
Comments:		

	I	T=	
210102	ISDN ref. to:	PLMN ref. to:	
	ETS 300 092-1 [6]		
	subclause 9.3	ETS 300 557 [35], 10.5.4.9	
	EN 300 403-1 [1],	EEE 200 542 5571 1 1 1	
	subclause 4.5.10,	ETS 300 542 [57], subclause 1	
	subclause 4.5.11	ETS 200 565 [26]hlause 1	
		ETS 300 565 [36], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/Speech/CLIP/TC210102	
ISDN selection	CLIP		
criteria:			
PLMN selection	The called user is provided wit	h CLIP	
criteria:	·		
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "national number", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.		
ISDN parameter	BC=speech,	BC=speech,	
values:	Calling party number: PI=PA, SI=	=UPVP. TON= national number	
	31 ,	,	
	Calling party subaddress		
PLMN parameter	GSM-BC=speech,		
values:			
	Calling party number: PI=PA SI=UPVP, TON= national / international number		
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
	Calling party subaddress		
	Cuming party subaddress		
Comments:			
	L		

210103	ISDN ref. to:	PLMN ref. to:	
	ETS 300 092-1 [6], subclause 9.3	ETS 300 557 [35], subclause 10.5.4.9	
	EN 300 403-1 [1], subclause 4.5.10,	ETS 300 542 [57], subclause 1	
	subclause 4.5.11	ETS 300 565 [36], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CLIP/TC210103	
ISDN selection criteria:	CLIP		
PLMN selection criteria:	The called user is provided with	The called user is provided with CLIP	
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "international number", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.		
ISDN parameter values:	BC=speech, Calling party number: PI=PA, SI=UPVP, TON=international number Calling party subaddress		
PLMN parameter values:	GSM-BC=speech, Calling party number: PI=PA, SI=UPVP, TON= national / international number NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25]) Calling party subaddress		
Comments:			

210104	ISDN ref. to: ETS 300 092-1 [6]	PLMN ref. to:
	subclause 9.3	ETS 300 557 [35], subclause 10.5.4.9, 10.5.4.10
	EN 300 403-1 [1], subclause 4.5.10,	ETS 300 542 [57], subclause 1,
	subclause 4.5.11	ETS 300 565 [36], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CLIP/TC210104
ISDN selection criteria:	CLIP	
PLMN selection criteria:	The called user is provided with	
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "unknown", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.	
ISDN parameter values:	BC=speech, Calling party number: PI=PA SI=UPVP, TON=unknown	
	Calling party subaddress	
PLMN parameter	GSM-BC=speech,	
values:	Calling party number: SI=UPVP, TON= national / international number	
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
	Calling party subaddress	
Comments:		

210105	ISDN ref. to: ETS 300 092-1 [6], subclause 9.3 EN 300 403-1 [1], subclause 4.5.10	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9, 10.5.4.10 ETS 300 565 [36], subclause 1 ETS 300 542 [57], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CLIP/TC210105
ISDN selection criteria:	CLIP	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	Ensure that when no Calling party number information element is provided by the calling user, (and no Calling party subaddress), the Calling party number information element is network provided and correctly delivered to the called (served) user.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech, Calling party number: PI=PA, SI=NP, TON= national / international, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		

210201	ISDN ref. to:	PLMN ref. to:
	ETS 300 093-1 [7], subclause 9.4.1: ETS 300 092-1 [6] /A2 Fig2	ETS 300 557 [35], subclause 10.5.4.9, subclause 10.5.4.10 ETS 300 565 [36], subclause 1
		ETS 300 542 [57] , subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CLIR/TC210201
ISDN selection criteria:	CLIR	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	The calling user is provided with CLIR permanent mode subscription. Ensure that when the Calling party number is provided by the calling user, with Calling party subaddress, the Calling party number information element is delivered to the called user without any digit information. The Calling party subaddress shall not be present	
ISDN parameter values:	BC=speech, Calling party number: PI=PA, TON=unknown, NPI=unknown Calling party subaddress	
PLMN parameter values:	GSM-BC=speech, Calling party number: PI=PR, TON=unknown, NPI=unknown, SI=NP	
Comments:		

210202	ISDN ref. to: ETS 300 093-1 [7], subclause 9.4.1 ETS 300 092-1 [6] /A2 Fig2	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9, subclause 10.5.4.10 ETS 300 565 [36], subclause 1,
		ETS 300 542 [57], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CLIR/TC210202
ISDN selection criteria:	CLIR	
PLMN selection	The called user is provided with CLIP	
criteria:	The colling and the least of th	
Test purpose:	The calling user is provided with CLIR permanent mode subscription. Ensure that when no Calling party number is provided by the calling user (and no Calling party subaddress), the Calling party number information element is network provided and delivered to the called user without any digit information.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech, Calling party number: PI=PR, TON=unknown, NPI=unknown, SI=NP	
Comments:		

210301	ISDN ref. to:	PLMN ref. to:
	ETS 300 097-1 [8], subclause 9.5.1	ETS 300 557 [35], subclause 10.5.4.14
		ETS 300 565 [36], subclause 3
		ETS 300 542 [57], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/COLP/TC210301
ISDN selection criteria:	The calling user is provided with	n COLP
PLMN selection criteria:	COLP	
Test purpose:	Ensure that when the Connected subaddress is provided by the called user, the Connected number and Connected subaddress information elements are correctly delivered to the calling (served) user.	
ISDN parameter	BC=speech;	
values:	Connected number: SI=NP, PI=PA, TON= national/international number,	
	NPI=ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
	Connected subaddress	
PLMN parameter	BC=speech;	
values:	Connected subaddress	
Comments:		

210302	ISDN ref. to	PLMN ref. to:
	ETS 300 097-1 [8],	
	subclause 9.5.1	ETS 300 565 [36], subclause 3,
	300010030 3.3.1	
		ETS 300 542 [57], subclause 3
		[],
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/COLP/TC210302
1001 1 4	0.11.	N.D.
ISDN selection	Calling user is provided with CC)LP
criteria:		
PLMN selection	COLP	
criteria:		
Test purpose:	Ensure that when no Connected subaddress is provided by the called user, the	
		element is network provided and correctly
	delivered to the calling (served)	user.
10011	50	
ISDN parameter	BC=speech;	
values:	Connected number: SI=NP, PI=PA, TON= National / international,	
	Connected number: SI=NP, PI=PA	A, I ON= National / international,
	NIDL ICDNI/T 1 . 1	1 (ITH T.D., E.164 [25].)
	NPI= ISDN/Telephony numbering	pian (11U-1 Rec. E.164 [25])
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

210401	ISDN ref. to: ETS 300 098-1 [9], subclause 9.3.1,	PLMN ref. to: ETS 300 565 [36], subclause 4,
	subclause 9.4.1 ETS 300 097-1 [8] /A2 Fig 4	ETS 300 542 [57] , subclause 4
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/COLR/TC210401
ISDN selection criteria:	The calling user is provided with	n COLP
PLMN selection criteria:	COLR	
Test purpose:	The called (served) user is provided with COLR permanent mode subscription Ensure that when no Connected subaddress is provided by the called user, the Connected number information element is network provided and delivered to the calling user without any digit information.	
ISDN parameter values:	BC=speech, Connected number : PI=PR, TON=unknown, NPI=unknown SI=NP	
PLMN parameter values:	GSNM-BC=speech;	
Comments:		

040504	IODNI C. t.	DI MNI C. C.
210501	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	7777 200 744 5223
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	
		ETS 300 569 [39]
	10001 010010	· /O I /OHO/TOO 4 0 TO 4
TSS reference:	ISDN-PLMN/Supplementa	ary_services/Speech/CUG/TC210501
ISDN selection criteria:	CUG supplementary option	ons: not OA; not ocb; not Pref. CUG
	0.11	
PLMN selection	Calling user and called us	er belong to the same CUG;
criteria:	CUC1tti	. IA. mod ICD
	CUG supplementary options	: IA; not ICB
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.	
ISDN parameter	BC=speech; Facility IE with cUGCall invoke component:	
values:		OARequested set to TRUE
		CUG Index included
PLMN parameter values:	GSM-BC=speech; Facility	(Invoke =NotifySS (CUG-Index))
Comments:		

210502	ISDN ref. to:	PLMN ref. to:
210502		PLIVIN FEI. TO:
	ETS 300 138-1 [10],	ETS 200 546 [22]
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	ETS 300 569 [39]
		L13 300 307 [37]
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/Speech/CUG/TC210502
ISDN selection	The calling user belongs to a 0	CUG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pre	
PLMN selection	The called user belongs to the	same CUG with the following CUG supplementary
criteria:	options: IA; not ICB	· · · · · ·
	<u> </u>	
Test purpose:		ng user belongs to a CUG with outgoing access
		red within the CUG and not preferential CUG and
	the called user belongs to the	same CUG with incoming access allowed and not
	incoming calls barred within the CUG, after the receipt of a SETUP message with	
	a Facility IE containing a cUGCall invoke component with OARequested set to	
	TRUE, CUG Index included,	
	the called user receives a SETUP message. A Facility IE may be passed to the MS	
	which contains an CUG index ass	ociated with the invoked CUG.
ISDN parameter	BC=speech; Facility IE with cL	IGCall invoke component:
values:	, , , . <u> </u>	
		OARequested set to TRUE
		CUG Index included
DI MNI norometer	CSM BC appeals Equility (In)	aka -NatifuSS (CLIC Inday))
PLMN parameter values:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
values:		
Comments:		

210503	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10], subclause 9.2.2, subclause 9.2.4	ETS 300 546 [33] ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CUG/TC210503
ISDN selection criteria:	The calling user belongs to a C options: OA ; not ocb ; not Pref	UG with the following CUG supplementary . CUG
PLMN selection criteria:	The called user belongs to the options: IA; ICB	same CUG with the following CUG supplementary
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG".	
ISDN parameter values:	BC=speech; Facility IE with cUGCall invoke component:	
values.		OARequested set to TRUE
		CUG Index included
PLMN parameter values:		
Comments:		

		T
210504	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	
	Subclause 9.2.4	ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary so	ervices/Speech/CUG/TC210504
	у	
ISDN selection	The calling user belongs to a C	UG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pre	• ,
or itoria.		. 555
PLMN selection	The called user belongs to the	same CUG with the following CUG
criteria:	supplementary options: IA; not	
Ciliteria.	supplementary options. IA, not	
Test purpose:	Ensure that when the calling u	ser belongs to a CLIG with outgoing access is
rest purpose.	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and	
	the called user belongs to the same CUG with incoming access allowed and not	
		CUG, after the receipt of a SETUP message with
		all invoke component with OARequested set to
	TRUE, CUG Index not included	,
	the called user receives a SET	JP message.
ISDN parameter	BC=speech; Facility IE with cU	GCall invoke component:
values:		
		OARequested set to TRUE
		CUG Index not included
PLMN parameter	GSM-BC=speech	
values:		
Comments:		
P	•	

210505	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to:
	subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_s	services/Speech/CUG/TC210505
ISDN selection criteria:	The calling user belongs to a options: OA ; not ocb ; not Pro	CUG with the following CUG supplementary ef. CUG
PLMN selection criteria:	The called user is not a CUG	subscriber
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG"	
ISDN parameter values:	BC=speech; Facility IE with cUGCall invoke component: OARequested set to TRUE CUG Index included	
PLMN parameter values:		
Comments:		

210506	ISDN ref. to: ETS 300 138-1 [10], subclause 9.2.3	PLMN ref. to: ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CUG/TC210506
ISDN selection criteria:	Calling user is not member of 0	CUG
PLMN selection criteria:	The called user belongs to CUG with the following CUG supplementary options: not IA; not ICB	
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a cUGCall invoke component the network initiate call clearing to the calling user with cause value # "87 user not a member of CUG".	
ISDN parameter	BC=speech	
values: PLMN parameter		
values:		
Comments:		

SDN ref. to: ETS 300 138-1 [10], subclause 9.2.2 ETS 300 546 [33] ETS 300 569 [39] TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210507 ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG PLMN selection criteria: The called user is not member of CUG.		T	T
subclause 9.2.2 ETS 300 546 [33] ETS 300 569 [39] TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210507 ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG PLMN selection criteria: The called user is not member of CUG. Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:	210507	1021110111101	PLMN ref. to:
TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210507 ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG PLMN selection criteria: The called user is not member of CUG. Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:		ETS 300 138-1 [10],	
TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210507 ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG PLMN selection criteria: The called user is not member of CUG. Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUC and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:		subclause 9.2.2	ETS 300 546 [33]
TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210507 ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG PLMN selection criteria: The called user is not member of CUG. Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:			ETS 200 500 [20]
ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG PLMN selection criteria: The called user is not member of CUG. Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:			E15 300 309 [39]
criteria: options: not OA; not ocb; not Pref. CUG PLMN selection criteria: Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:	TSS reference:	ISDN-PLMN/Supplementary_	services/Speech/CUG/TC210507
criteria: options: not OA; not ocb; not Pref. CUG PLMN selection criteria: Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:	ISDN coloction	The calling user belongs to a	CLIC with the following CLIC cumplementary
PLMN selection criteria: Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:			
Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:	criteria:	options: not OA; not ocb; no	ot Pref. CUG
Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". ISDN parameter values: OARequested set to TRUE CUG Index included PLMN parameter values:	PLMN selection	The called user is not member	r of CUG.
not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "userNotMemberOfCUG". BC=speech; Facility IE with cUGCall invoke component: OARequested set to TRUE CUG Index included PLMN parameter values:	criteria:		
Values: OARequested set to TRUE CUG Index included PLMN parameter values:		not allowed, not outgoing calls and the called user belongs remessage with a Facility IE con OARequested set to TRUE, Concall establishment is not possuser with cause value # 29 "Faci "userNotMemberOfCUG".	s barred within the CUG and not preferential CUG not to a CUG, after the receipt of a SETUP nataining a cUGCall invoke component with CUG Index included, ible and the network initiate call clearing to the calling lity rejected", return error value
OARequested set to TRUE CUG Index included PLMN parameter values:	•	BC=speech; Facility IE with cl	JGCall invoke component:
CUG Index included PLMN parameter values:	values:		OAD A LANGEDIE
PLMN parameter values:			*
values:			CUG Index included
values:	PLMN parameter		
Comments	=		
Comments:	Comments:		

ETS 300 138-1 [10], subclause 9.2.2 ETS 300 546 [33] ETS 300 569 [39] TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210508 ISDN selection criteria: Oh; not ocb; not Pref. CUG PLMN selection criteria: The called user belongs to a CUG with the following CUG supplementary options: OA; not ocb; not IA; ICB Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included			Ţ	
Subclause 9.2.2 ETS 300 546 [33] ETS 300 569 [39] TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210508 The calling user belongs to a CUG with the following CUG supplementary options: OA; not ocb; not Pref. CUG PLMN selection criteria: The called user belongs to the same CUG with the following CUG supplementary options: not IA; ICB Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included	210508	ISDN ref. to:	PLMN ref. to:	
TSS reference: ISDN-PLMN/Supplementary_services/Speech/CUG/TC210508 The calling user belongs to a CUG with the following CUG supplementary options: OA; not ocb; not Pref. CUG PLMN selection criteria: The called user belongs to the same CUG with the following CUG supplementary options: not IA; ICB Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included			ETS 300 546 [33]	
ISDN selection criteria: The calling user belongs to a CUG with the following CUG supplementary options: OA; not ocb; not Pref. CUG PLMN selection criteria: The called user belongs to the same CUG with the following CUG supplementary options: not IA; ICB Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included			ETS 300 569 [39]	
criteria: options: OA; not ocb; not Pref. CUG PLMN selection criteria: The called user belongs to the same CUG with the following CUG supplementary options: not IA; ICB Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included	TSS reference:	ISDN-PLMN/Supplementary_se	ISDN-PLMN/Supplementary_services/Speech/CUG/TC210508	
Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included				
allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". ISDN parameter values: OARequested set to TRUE CUG Index included				
Values: OARequested set to TRUE CUG Index included	Test purpose:	allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming		
PI MN parameter	-	OARequested set to TRUE		
DI MN parameter				
values:	PLMN parameter values:			
Comments:	Comments:			

210509	ISDN ref. to:	PLMN ref. to:
210303	ETS 300 138-1 [10],	LIVING TELL CO.
	subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CUG/TC21059
ISDN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
PLMN selection criteria:	The called user belongs to the same CUG with the following CUG supplementary options: not IA; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to FALSE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG".	
ISDN parameter values:	BC=speech; Facility IE with cUGCall invoke component: OARequested set to FALSE CUG Index included	
PLMN parameter values:		
Comments:		

210510	ISDN ref. to:	PLMN ref. to:
210510	102111011101	PLIVIN FET. TO:
	ETS 300 138-1 [10], subclause 9.2.2, subclause 9.2.4	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/CUG/TC210510	
ISDN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
PLMN selection criteria:	The called user belongs to the same CUG with the following CUG supplementary options: IA ; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to FALSE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG".	
ISDN parameter values:	BC=speech; Facility IE with cUGCall invoke component: OARequested set to FALSE CUG Index included	
PLMN parameter values:		
Comments:		

242744			
210511	ISDN ref. to:	PLMN ref. to:	
	ETS 300 138-1 [10],		
	subclause 9.2.2,	ETS 300 546 [33]	
	subclause 9.2.4		
		ETS 300 569 [39]	
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/CUG/TC210511		
ISDN selection	CUG supplementary options: no	ot OA; not OCB; not Pref. CUG	
criteria:	ood supplementary options. Not OA, not OOB, not itel. OOG		
PLMN selection	Calling user and called user bel	ong to the same CUG:	
criteria:			
o i ito i a i	CUG supplementary options: not I	A; not ICB	
	11 1		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and		
		ame CUG with incoming access not allowed and	
		the CUG, after the receipt of a SETUP message	
		ility IE containing a cUGCall invoke component with OARequested set	
	to FALSE, CUG Index included,		
	the called user receives a SETUP message with a Facility IE which contains a CUG		
	index associated with the invoked CUG.		
	illuex associated with the hivoked	200.	
ISDN parameter	BC=speech; Facility IE with cUGCall invoke component:		
values:			
	OARequested set to FALSE		
		CUG Index included	
PLMN parameter	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
values:			
Comments:			

210601	ISDN ref. to: ETS 300 061-1 [11] subclause 9.2 EN 300 403-1 [1], subclause 4.	PLMN ref. to: ETS 300 577 subclause 10.5.4.8
TSS reference:	5.9	minon/Spansh/SLIP/TC210601
1 33 reference:	ISDN-PLMN/Supplementary_services/Speech/SUB/TC210601	
ISDN selection	SUB	
criteria:		
PLMN selection	The called (served) user is provided with SUB	
criteria:		
Test purpose:		rty subaddress is provided by the calling user, the ectly delivered to the called (served) user.
ISDN parameter	BC=speech	
values:		
PLMN parameter		
values:		
Comments:		

0.4.0.0.0			
210602	ISDN ref. to:	PLMN ref. to:	
	ETS 300 061-1 [11]		
	subclause 9.2	ETS 300 577 subclause 10.5.4.8	
	EN 300 403-1 [1], subclause 4.		
	5.9		
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/SUB/TC210602	
ISDN selection	SUB		
criteria:			
PLMN selection	The called (served) user is prov	The called (served) user is provided with SUB	
criteria:			
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user with		
	length = minimum, the Called party subaddress is correctly delivered to the called		
	(served) user without any digit in	nformation	
ISDN parameter	BC=speech		
values:	·		
PLMN parameter			
values:			
Comments:			

210701	ISDN ref. to:	PLMN ref. to:
210701	ETS 300 207-1 [15],	Limit 101. to.
	subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFU/TC210701
ISDN selection criteria:	Call to a forwarding subscriber	(CFU)
PLMN selection criteria:	The user B is in network N2 prodiversion "= Yes). (Note 2)	ovided with CFU ("calling user is notified of call
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is notified of call diversion. User C receives a SETUP message with the information that the incoming call is a forwarded call.	
ISDN parameter values:	A: ! BC=speech; C: ? BC=speech;	
PLMN parameter values:	CFU active	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	

	T	I=
210702	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	
	0420,4400 0.2.0	ETS 300 543 [31], subclause 1
	1000100100100	
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/Speech/CFU/TC210702
ISDN selection	Call to a forwarding subscriber	(CFU)
criteria:		
PLMN selection	The user B is in network N2 pr	ovided with CFU ("calling user is notified of call
criteria:	diversion" = No). (Note 2)	· · · ·
	, , ,	
Test purpose:	Ensure that when user A calls	user B, the call is forwarded to user C.
	User A is not notified of call diversion	
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	
ICDN	A. I.D.C. assaults	
ISDN parameter	A: ! BC=speech;	
values:	C. 2 DC-spaceh	
	C: ? BC=speech;	
PLMN parameter	CFU active	
values:	Of O active	
	EDITORO NOTE O OUT A O	
Comments:		and 3 descriptions of the call forwarding
		ot in line with the pr ETS 300 646-1, item 6.1.1.10
	ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange accor	
	ETS 300 356-15).	
	771	
		not the ability to decide if the indication that the
	incoming call is a forwarded call i	s released to the diverted-to user.

240004	ICDN ref. to.	DI MNI vof. 40.
210801	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	ETG 200 566 [27] and alarma 2
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	ETS 300 543 [31], subclause 2
	subclause 9.2.5	E13 300 343 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB/TC210801
1001		(OFD)
ISDN selection criteria:	Call to a forwarding subscriber	(CFB)
PLMN selection	The user B is in network N2 and	d is provided with CFB- UDUB ("calling user is
criteria:	notified of call diversion" = Yes)	· ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
Test purpose:	Ensure that when user A calls h	busy user B, the call is forwarded to user C.
l cat pui posc.	Enoure that when does it dails to	doy doci b, the ball to forwarded to doci c.
	User A is notified of call divers	sion.
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	
ISDN parameter	A: ! BC=speech;	
values:		
	C: ? BC=speech;	
PLMN parameter	CFB-UDUB active	
values:	OI B OBOB active	
	EDITORS NOTE 2: Store 4 2	and 2 decementions of the call formulation
Comments:		and 3 descriptions of the call forwarding
	Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
	ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	
	ETS 300 356-15)	
	The served mobile subscriber has t	not the ability to decide if the indication that the
	incoming call is a forwarded call is	•
	incoming can is a forwarded can is	s released to the diverted-to user.
	1	

210802	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/Speech/CFB/TC210802
ISDN selection criteria:	Call to a forwarding subscriber	(CFB)
PLMN selection criteria:	The user B is in network N2 an notified of call diversion" = No)	d is provided with CFB- UDUB ("calling user is . (Note 2)
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is not notified of call diversion User C receives a SETUP message with the information that the incoming call is a forwarded call.	
ISDN parameter values:	A: ! BC=speech; C: ? BC=speech;	
PLMN parameter values:	CFB-UDUB active	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	

	T	T .
210803	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	
	subclause 9.2.5	ETS 300 543 [31], subclause 2
		· /0 / /055/70040000
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB/TC210803
ISDN selection	Call to a forwarding subscriber	(CFB)
criteria:		,
PLMN selection	The user B is in network N2 and	d is provided with CFB- NDUB ("calling user is
criteria:		"notification to forwarding subscriber" = Yes).
or iteria.	(Note 2)	notinoation to forwarding subscriber = 103).
	(14016-2)	
Test purpose:	Ensure that when user A calls b	ousy user B, the call is forwarded to user C.
	User A is notified of call divers	sion.
	Cool 12 is notified of our diversion.	
	User B is notified of call diversion.	
	User C receives a SETUP mess	sage with the information that the incoming call is a
	forwarded call.	
ISDN parameter	A: ! BC=speech;	
values:		
	C: ? BC=speech;	
	1	
PLMN parameter	CFB-NDUB active	
values:		
Comments:	FDITORS NOTE 2: Stage 1 2:	and 3 descriptions of the call forwarding
	Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
		MSC acts like a diverting exchange according to
	ETS 300 356-15).	vioc acts like a diverting exchange according to
	L 10 000 000-10).	
	The served mobile subscriber has a	not the ability to decide if the indication that the
	incoming call is a forwarded call is	
	incoming can is a forwarded call is	s released to the diverted-to user.

210804	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	ETS 200 542 [21] subslaves 2
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB/TC210804
ISDN selection criteria:	Call to a forwarding subscriber	(CFB)
PLMN selection criteria:	The user B is in network N2 and is provided with CFB- NDUB ("calling user is notified of call diversion" = No ; "notification to forwarding subscriber" = No) (Note 2)	
Test purpose:	Ensure that when user A calls b	ousy user B, the call is forwarded to user C.
	User A is not notified of call diversion.	
	User B is not notified of call diversion.	
	User C receives a SETUP message with the information that the incoming call is a forwarded call.	
ISDN parameter	A: ! BC=speech;	
values:	C: ? BC=speech;	
PLMN parameter values:	CFB-NDUB active	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15)	
	The served mobile subscriber has incoming call is a forwarded call is	not the ability to decide if the indication that the s released to the diverted-to user.

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210901	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause	
	9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4,	TTTG 000 740 5043 1 1 0
	subclause 9.2.5	ETS 300 543 [31], subclause 3
T00 /	IODAL DI MALIO	- ' /O /OFND /TO040004
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFNRy/TC210901
ISDN selection	Call to a forwarding subscriber	(CFNRy)
criteria:		` ,
PLMN selection	The user B is in network N2 and	d is provided with CFNRy ("calling user is notified
criteria:		ation to forwarding subscriber" = Yes). (Note 2)
oritoria:		when to formataling outcomes = 100). (Note 2)
Test purpose:	Ensure that when user A calls u	ser B, if unanswered, the call is forwarded to user
· ·	C.	, , , , , , , , , , , , , , , , , , ,
	User A is notified of call diversion.	
	User B is notified of call diversion.	
	Licen C receives a SETLID message with the information that the imparties and in a series and it is	
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	
ISDN parameter	A: ! BC=speech;	
values:	in 120 speedin,	
values.	C: ? BC=speech;	
	1	
PLMN parameter	CFNRy active	
values:		
Comments:	EDITORS NOTE 2: Stage 1, 2 a	and 3 descriptions of the call forwarding
	Supplementary services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
	<u> </u>	ange according to ETS 300 356-15).
	,	5
	The served mobile subscriber has r	not the ability to decide if the indication that the
	incoming call is a forwarded call is	released to the diverted-to user.

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210902	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4,	TTT 200 542 541 1 1 2
	subclause 9.2.5	ETS 300 543 [31], subclause 3
T00 /	IODAL DI MANI/O	
TSS reference:	ISDN-PLMIN/Supplementary_s	ervices/Speech/CFNRy/TC210902
ISDN selection	Call to a forwarding subscriber	(CFNRy)
criteria:		`
PLMN selection	The user B is in network N2 an	d is provided with CFNRy ("calling user is notified
criteria:		tion to forwarding subscriber" = No). (Note 2)
oritoria.		1011 to 101 Warding Gaboonibor = 110). (110to 2)
Test purpose:	Ensure that when user A calls	user B, if unanswered, the call is forwarded to user
	C.	,
	User A is not notified of call diversion.	
	User B is not notified of call diversion.	
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	
	lorwarded carr.	
ISDN parameter	A: ! BC=speech;	
values:		
	C: ? BC=speech;	
PLMN parameter	CFNRy active	
values:	Of Mity active	
	EDITORO NOTE O OL 10	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding	
	Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
	(MSC acts like a diverting exch	ange according to ETS 300 356-15)
	The same describes and a self-control to the	and the chility to decide if the indication that the
		not the ability to decide if the indication that the
	incoming call is a forwarded call i	s released to the diverted-to user.

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211001	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CFNRc/TC211001
ISDN selection criteria:	Call to a forwarding subscriber ((CFNRc)
PLMN selection criteria:	The user B is in network N2 and is provided with CFNRc ("calling user is notified of call diversion" = Yes). (Note 2)	
Test purpose:	Ensure that when user A calls user B, if detached , the call is forwarded to user C. User A is notified of call diversion. User C receives a SETUP message with the information that the incoming call is a forwarded call.	
ISDN parameter values:	A: ! BC=speech; C: ? BC=speech;	
PLMN parameter values:	CFNRc active, the user is detact	hed
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	

211002	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4,	
	subclause 9.2.5	ETS 300 543 [31], subclause 3
		. /O /O.T. / T. O. / A. O. O.
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFNRc/TC211002
ISDN selection	Call to a forwarding subscriber	(CFNRc)
criteria:	_	
PLMN selection	The user B is in network N2 and	d is provided with CFNRc ("calling user is notified
criteria:	of call diversion" = No). (Note 2	
	, , , , , , , , , , , , , , , , , , ,	,
Test purpose:	Ensure that when user A calls u	ser B, if detached the call is forwarded to
	C	
	user C.	
	User A is not notified of call diversion.	
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	sage with the information that the incoming can is a
	lorwarded can.	
ISDN parameter	A: ! BC=speech;	
values:		
	C: ? BC=speech;	
PLMN parameter	CFNRc active, the user is detached	
values:	or thic douve, and door to doubtlod	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding	
	Supplementary services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
	(MSC acts like a diverting exchange according to ETS 300 356-15). The served	
		bility to decide if the indication that the incoming
	call is a forwarded call is releas	

211101	ISDN ref. to:	PLMN ref. to:	
	ETS 300 141-1 [18],		
		ETS 300 567 [38], subclause 2	
	subclause 7	L15 300 307 [30], subclause 2	
	ETS 300 196-1, subclause 7.1	EEE 200 544 [20] 1 1 2	
		ETS 300 544 [32], subclause 2	
TCC reference:	ICDN DI MN/Cumplementen/ es	unicos/Chasab/HOLD/TC2111101	
TSS reference:		ervices/Speech/HOLD/TC211101	
ISDN selection	Call Hold		
criteria:			
PLMN selection	Call Hold	Call Hold	
criteria:			
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is		
	notified of call hold and the call	notified of call hold and the call can be retrieved	
ISDN parameter	BC=speech		
values:			
PLMN parameter	GSM-BC=speech		
values:			
Comments:			

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211102	ISDN ref. to:	PLMN ref. to:
	ETS 300 141-1 [18],	
	subclause 7	ETS 300 567 [38] subclause 2
	ETS 300 196-1, subclause 7.1	
		ETS 300 544 [32] subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/HOLD/TC211102
ISDN selection	Call Hold	
criteria:		
PLMN selection	Call Hold	
criteria:		
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is notified of call hold and that the call can be released from the calling user in the held state.	
ISDN parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

211103	ISDN ref. to: ETS 300 141-1 [18], subclause 7 ETS 300 196-1, subclause 7.1	PLMN ref. to: ETS 300 567 [38] subclause 2 ETS 300 544 [32] subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/HOLD/TC211103
ISDN selection criteria:	Call Hold	
PLMN selection criteria:	Call Hold	
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is notified of call hold and that the call can be released from the called non -served user during the held state.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

211104	ISDN ref. to: ETS 300 141-1 [18], subclause 7 ETS 300 196-1, subclause 7.1	PLMN ref. to: ETS 300 567 [38] subclause 2 ETS 300 544 [32] subclause 2
TSS reference:	ISDN-PLMN/Supplementary_ser	vices/Speech/HOLD/TC211104
ISDN selection criteria:	Call Hold	
PLMN selection criteria:	Call Hold	
Test purpose:	Ensure that the called user can initiate Call Hold, the calling remote user is notified of call hold and the call can be retrieved	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

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211105	ISDN ref. to:	PLMN ref. to:	
	ETS 300 141-1 [18],		
	subclause 7	ETS 300 567 [38] subclause 2	
	ETS 300 196-1, subclause 7.1		
	L10 300 130-1, Subclause 7.1	ETS 300 544 [32] subclause 2	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/HOLD/TC211105	
IODNI I C	Call Hald		
ISDN selection	Call Hold		
criteria:			
PLMN selection	Call Hold		
criteria:			
Test purpose:		Ensure that the called user can initiate Call Hold, the calling remote user is	
	notified of call hold and that the call can be released from the called user in the		
	held state.		
ISDN parameter	BC=speech		
values:	·		
PLMN parameter	GSM-BC=speech		
values:			
Comments:			

211106	ISDN ref. to:	PLMN ref. to:	
	ETS 300 141-1 [18],		
	subclause 7	ETS 300 567 [38] subclause 2	
		215 500 507 [50] subclidise 2	
	ETS 300 196-1, subclause 7.1	ETC 200 544 [22] and alone 2	
		ETS 300 544 [32] subclause 2	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/HOLD/TC211106	
ISDN selection	Call Hold		
	Call Floid		
criteria:			
PLMN selection	Call Hold	Call Hold	
criteria:			
Test purpose:	Ensure that the called user can	initiate Call Hold, the calling remote user is	
1 ' '		call can be released from the calling non -served	
	user during the held state.	can can be released from the calling from convea	
	dser during the field state.		
ISDN parameter	BC=speech		
values:			
PLMN parameter	GSM-BC=speech		
values:			
Comments:			

211201	ISDN ref. to: ETS 300 058-1 [19], subclause 7 EN 300 403-1 [1], subclause 4. 5.2.1	PLMN ref. to: ETS 300 567 [38] subclause 1 ETS 300 544 [32] subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	 ervices/Speech/CW/TC211201
ISDN selection criteria:	CW	
PLMN selection criteria:	The called user is provided with CW	
Test purpose:	Ensure that the called user (MS) responds with CALL-CONFIRMED and ALERTING (where the call is a waiting call), the calling user receives ALERTING message containing a Notification indicator information element coded as "call is a waiting call".	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

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211202	ISDN ref. to:	PLMN ref. to:
	ETS 300 058-1 [19],	
	subclause 7	ETS 300 567 [38] subclause 1
	1	
	EN 300 403-1 [1], subclause 4.	ETS 300 544 [32] subclause 1
	5.2.1	[22] subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CW/TC211202
ISDN selection	CW	
	011	
criteria:		
PLMN selection	The called user is provided with CW	
criteria:		
Test purpose:	Ensure that the Waiting call is released at the terminating exchange after timer	
	expired	
ISDN parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:	'	
Taiaoo.		
Comments:		

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211301	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.1,	ETS 300 557 [35], subclause 10.5.4.25,
	subclause 9.1.2.1	
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS1/TC211301
ISDN selection	The calling (served) user is pro	vided with UUS1 implicit request
criteria:		
PLMN selection	UUS1i	
criteria		
Test purpose:	Ensure that the network can transport a User-user information element included in the SETUP message sent from the calling user and delivered in the SETUP message sent by the network to the called user	
ISDN parameter values:	BC=speech, UI length=32	
PLMN parameter	GSM-BC=speech, UI length=32	
values		
Comments:		

211302	ISDN ref. to: ETS 300 286-1 [13], subclause 9.1.2.1 EN 300 403-1 [1], subclause 4.5.30	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25
TSS reference:		rvices/Speech/UUS1/TC211302
ISDN selection criteria:	The calling (served) user is provided with UUS1 implicit request	
PLMN selection criteria	UUS1i	
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the ALERTING message sent from the called user to the calling user.	
ISDN parameter values:	BC=speech, UI length=32	
PLMN parameter values	GSM-BC=speech, UI length=32	
Comments:		

211303	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13], subclause 9.1.2.1 EN 300 403-1 [1], subclause 4.5.30	ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/UUS1/TC211303
ISDN selection criteria:	The calling (served) user is provided with UUS1 implicit request	
PLMN selection criteria	UUS1i	
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the CONNECT message sent from the called user to the calling user	
ISDN Parameter values:	BC=speech, UI length=32	
PLMN parameter values:	GSM-BC=speech, UI length=32	
Comments:		

211304	PLMN ref. to: ETS 300 286-1 [13], subclause 9.1.2.2.1a EN 300 403-1 [1],	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/UUS1/TC211304
ISDN selection criteria:	The calling (served) user is prov	vided with UUS1 implicit request
PLMN selection criteria:	UUS1i	
Test purpose:	Ensure that after implicit activation of UUS1 and with the call in the active state, the network can transport a User-user information element included in a call clearing DISCONNECT message sent from the calling user and delivered in the DISCONNECT message sent by the network to the called user.	
ISDN parameter values:	BC=speech, UI length=32	
PLMN parameter values	GSM-BC=speech, UI length=32	
Comments:		

211305	PLMN ref. to ETS 300 286-1 [13] subclause 9.1.2.2.1b	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:	EN 300 403-1 [1] ISDN-PLMN/Supplementary_se	rvices/Speech/UUS1/TC211305
ISDN selection criteria:	The calling (served) user is prov	vided with UUS1 implicit request
PLMN selection criteria	UUS1i	
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in premature clearing RELEASE COMPLETE message sent from the called user and delivered in the DISCONNECT message sent by the network to the calling user	
ISDN parameter values:	BC=speech, UI length=32	
PLMN parameter values	GSM-BC=speech, UI length=32	
Comments:		

044000	IODNI C.	DI MAL C.
211306	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 557 [35], subclause 10.5.4.25,
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS1/TC211306
ISDN selection	The calling (served) user is pro-	vided with UUS1 implicit request.
criteria:		·
PLMN selection	UUS1i	
criteria:		
Test purpose:	The requested UUS is not supported in Network B.	
	Verify that UUI can be discarded by	by the network without disrupting normal call handling
ISDN Parameter	BC=speech, UI length=32	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

211401	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15]	ETS 300 566 [37], subclause 1
	subclause 9.2.2, subclause 9.2.5	
	0.0000000000000000000000000000000000000	ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFU_CLI_COL/TC211401
ISDN selection criteria:	The user A and the user C are user C is provided with CLIP.	in network N1. User A is provided with COLP,
PLMN selection criteria:	The user B is in network N2 prodiversion "= Yes). (Note 2)	ovided with CFU ("calling user is notified of call
Test purpose:	Ensure that when user A calls u	user B, the call is forwarded to user C.
		sion and the presentation of the diverted-to number is R supplementary service of the diverted-to user.
	User C can receive the <i>Redirec</i> with the presentation indicator set	eting number IE giving the reason for call diversion to "presentation allowed".
ISDN parameter	A: ! BC=speech;	
values:	C: ? BC=speech;	
PLMN parameter values:	CFU active	
Comments:	User A is notified of call diversion with a Notification indicator IE contain a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNEINFORMATION or NOTIFY (state N04) message.	
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.	
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".	
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).	
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	
		umber to the forwarded-to subscriber in the ISUP o be considered as an implementation option.

211402	ISDN ref. to:	PLMN ref. to:	
211702	ETS 300 207-1 [15],		
	subclause 9.2.2,	ETS 300 566 [37], subclause 1	
	subclause 9.2.5	ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFU_CLI_COL/TC211402	
ISDN selection criteria:	The user A and the user C are user C is provided with COLR a	n network N1. User A is provided with COLP, and CLIP.	
PLMN selection criteria:	The user B is in network N2 prodiversion" = Yes).(Note 2)	vided with CFU ("calling user is notified of call	
Test purpose:	Ensure that when user A calls u	ser B, the call is forwarded to user C.	
		sion and the presentation of the diverted-to number is OLR supplementary service of the diverted-to user.	
	User C can receive the <i>Redirec</i> with the presentation indicator set	ting number IE giving the reason for call diversion to "presentation allowed".	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter	CFU active		
values: Comments:	User A is notified of call diversion with a Notification indicator IE contained in a		
Comments.	NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user.		
	The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.		
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
	_	<u>ng number</u> to the forwarded-to subscriber in the ISUP be considered as an implementation option.	

211403	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],		
	subclause 9.2.2,	ETS 300 566 [37], subclause 1	
	subclause 9.2.5	ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFU_CLI_COL/TC211403	
ISDN selection criteria:	The user A and the user C are user C is provided with CLIP.	in network N1. User A is provided with COLP,	
PLMN selection criteria:	The user B is in network N2 prediversion" = No) and CLIR. (No	ovided with CFU ("calling user is notified of call te 2)	
Test purpose:	Ensure that when user A calls u	ser B, the call is forwarded to user C.	
	User A is not notified of call di	version and not informed of the diverted-to number.	
	User C can receive the <i>Redirec</i> with the presentation indicator set	ting number IE giving the reason for call diversion to "presentation allowed".	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter values:	CFU active		
Comments:	The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
The setting of the <u>redirecting number</u> to the forwarded-to subs signalling of GSM operators has to be considered as an implemen			

211501	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],		
	subclause 9.2.2,	ETS 300 566 [37], subclause 2	
	subclause 9.2.4.3, subclause 9.2.5	ETS 300 543 [31], subclause 2	
TSS reference:		ervices/Speech/ CFB_CLI_COL/TC211501	
155 reference:		·	
ISDN selection		n network N1. User A is provided with COLP,	
criteria:	user C is provided with CLIP.		
PLMN selection criteria:	The user B is in network N2 and notified of call diversion" = Yes)	d is provided with CFB- UDUB ("calling user is . (Note 2)	
Test purpose:	Ensure that when user A calls b	ousy user B, the call is forwarded to user C.	
		sion and the presentation of the diverted-to number is R supplementary service of the diverted-to user.	
	User C can receive the <i>Redirec</i> with the presentation indicator set	ting number IE giving the reason for call diversion to "presentation allowed".	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter values:	CFB-UDUB active		
Comments:	User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECTINFORMATION or NOTIFY (state N04) message.		
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.		
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed"		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15)		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.		

211502	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 1	
	subclause 9.2.5	ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary se	ervices/Speech/CFB_CLI_COL/TC211502	
		·	
ISDN selection criteria:	user C is provided with COLR a	in network N1. User A is provided with COLP, and CLIP.	
PLMN selection criteria:	The user B is in network N2 procall diversion" = Yes).(Note 2)	ovided with CFB- UDUB ("calling user is notified of	
Test purpose:	Ensure that when user A calls uC.	ser B, the call is forwarded to user	
		sion and the presentation of the diverted-to number is COLR supplementary service of the diverted-to user.	
	User C can receive the <i>Redirec</i> with the presentation indicator set	ting number IE giving the reason for call diversion to "presentation allowed".	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter values:	CFB-UDUB active		
Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.		
	The presentation of the diverted-to number is not allowed accordance with the CO supplementary service of the diverted-to user.		
	number field set to "unknown", wi	the numbering identification field and the type of thout a number digits field and the presentation restricted" can be included in the ALERTING, MATION (state N03), CONNECT, NOTIFY or sage.	
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.		

211503	ICDN ref to:	DI MNI ref. to.	
211503	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],	ETS 300 566 [37], subclause 2	
	subclause 9.2.2,	215 500 500 [57], subclause 2	
	subclause 9.2.4.3, subclause 9.2.5	ETS 300 543 [31], subclause 2	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB_CLI_COL/TC211503	
ISDN selection criteria:	The user A and the user C are i user C is provided with CLIP.	n network N1. User A is provided with COLP,	
PLMN selection criteria:	The user B is in network N2 and notified of call diversion" = No)	d is provided with CFB- UDUB ("calling user is and CLIR . (Note 2)	
Test purpose:	Ensure that when user A calls b	ousy user B, the call is forwarded to user C.	
	User A is not notified of call di	version and not informed of the diverted-to number.	
	User C can receive the Redirec	ting number IE giving the reason for call diversion	
	with the presentation indicator set		
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter	CFB-UDUB active		
values:			
Comments:	The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.		
	User C can receive a SETUP message containing one <i>Redirecting number</i> the reason for call diversion with the presentation indicator set to "presentation restricted".		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the IS signalling of GSM operators has to be considered as an implementation option.		

ETS 300 207-1 [15], subclause 9.2.2 subclause 9.2.4.3, subclause 9.2.4.3, subclause 9.2.5 ETS 300 566 [37], subclause 2 TSS reference: ISDN-PLMN/Supplementary_services/Speech/CFB_CLI_COL/TC211504 ISDN selection	211504	ISDN ref. to:	PLMN ref. to:	
subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5. TSS reference: ISDN-PLMN/Supplementary_services/Speech/CFB_CLI_COL/TC211504 ISDN selection criteria: The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP. PLMN selection criteria: The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2) Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; CFB-NDUB active CFB-NDUB active Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.	211504		PLIVIN Fet. to.	
ISDN selection criteria: The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP. The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2) Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: Cer B-NDUB active C: ? BC=speech; C: ? BC=speech; C: RB-NDUB active Connects: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed" User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary-services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		:	ETS 300 566 [37], subclause 2	
ISDN selection criteria: ISDN-PLMN/Supplementary_services/Speech/CFB_CLI_COL/TC211504 ISDN selection criteria: User A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP. PLMN selection criteria: The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2) Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; PLMN parameter values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to			ETS 300 5/3 [31], subclause 2	
ISDN selection criteria: PLMN selection criteria: The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP. PLMN selection criteria: The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2) Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; C: ? BC=speech; C: ? BC=speech; Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed" User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 MSC acts like a diverting exchange according to		subclause 9.2.5	E13 300 343 [31], subclause 2	
criteria: User C is provided with CLIP.	TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB_CLI_COL/TC211504	
PLMN selection criteria: The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2) Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; C: ? BC=speech; CFB-NDUB active values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state NO1), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state NO3), PROGRESS, CONNECT, INFORMATION or NOTIFY (state NO4) message. The presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state NO4) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.	ISDN selection		n network N1. User A is provided with COLP,	
criteria: notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2) Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the *Redirecting number** IE** giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: *BC=speech; PLMN parameter values: CFB-NDUB active User A is notified of call diversion with a Notification indicator IE** contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one *Redirecting number** IE** giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		·		
Comments: CFB-NDUB active values: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or PROGRESS(state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation of the diverted-to user. User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to				
Test purpose: Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; C: ? BC=speech; CFB-NDUB active Values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	criteria:		"notification to forwarding subscriber" = Yes).	
User A is notified of call diversion and the presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the *Redirecting number** IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; PLMN parameter values: CFB-NDUB active User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The *Redirection number** IE* with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS(state N04) message. User C can receive a SETUP message containing one *Redirecting number** IE* giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		(Note 2)		
allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: PE=speech; C: PENDUB active CFB-NDUB active User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	Test purpose:	Ensure that when user A calls b	usy user B, the call is forwarded to user C.	
User B is notified of call diversion. User C can receive the Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; C: ? BC=speech; C: PLMN parameter values: CFB-NDUB active User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		User A is notified of call divers	ion and the presentation of the diverted-to number is	
User C can receive the *Redirecting number** IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". ISDN parameter values:		allowed accordance with the COLF	R supplementary service of the diverted-to user.	
with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; C: ? BC-speech; C: ? BC-speech; CFB-NDUB active User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		User B is notified of call divers	ion.	
with the presentation indicator set to "presentation allowed". ISDN parameter values: C: ? BC=speech; C: ? BC-speech; C: ? BC-speech; CFB-NDUB active User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		User C can receive the <i>Redire</i>	cting number IE giving the reason for call diversion	
values: C: ? BC=speech; PLMN parameter values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to				
values: C: ? BC=speech; PLMN parameter values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	ISDN parameter	A: I BC-speech:		
C: ? BC=speech; PLMN parameter values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		A. : BO-speech,		
Values: Comments: User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to		C: ? BC=speech;		
User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	PLMN parameter	CFB-NDUB active		
NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the presentation exchange according to	values:			
supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	Comments:	NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION		
the reason for call diversion with the presentation indicator set to "presentation allowed". User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to				
message of call diversion. EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to				
Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to				
ETS 300 356-15).		Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10		
The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.				
The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.				

211505	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary se	ervices/Speech/CFB_CLI_COL/TC211505
ISDN selection		n network N1. User A is provided with CLIR and
criteria:	COLP, user C is provided with 0	COLR and CLIP.
PLMN selection criteria:		vided with CFB- NDUB ("calling user is notified of on to forwarding subscriber" = Yes). (Note 2)
Test purpose:	Ensure that when user A calls uC.	ser B, the call is forwarded to user
		cion the presentation of the diverted-to number is not R supplementary service of the diverted-to user.
	User C can receive the Redirect with the presentation indicator set to	ting number IE giving the reason for call diversion to "presentation allowed".
	User B is notified of call divers	ion.
ISDN parameter values:	A: ! BC=speech;	
values:	C: ? BC=speech;	
PLMN parameter values:	CFB-NDUB active	
Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".	
	User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.	
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).	
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	
	_	umber to the forwarded-to subscriber in the ISUP be considered as an implementation option.

211506	ISDN ref. to:	PLMN ref. to:	
211500	ETS 300 207-1 [15],	PLIMIN Tel. to.	
	subclause 9.2.2,	ETS 300 566 [37], subclause 2	
	subclause 9.2.4.3,	TTT 000 740 5041	
	subclause 9.2.5	ETS 300 543 [31], subclause 2	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB_CLI_COL/TC211506	
ISDN selection criteria:	The user A and the user C are i user C is provided with CLIP.	n network N1. User A is provided with COLP,	
PLMN selection criteria:	The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = No;"notification to forwarding subscriber" = No) and CLIR. (Note 2)		
Test purpose:	Ensure that when user A calls b	ousy user B, the call is forwarded to user C.	
	User A is not notified of call di	version and not informed of the diverted-to number.	
	User C can receive the <i>Redired</i> "presentation restricted".	cting number IE with the presentation indicator set to	
	User B is not notified of call di	version.	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter values:	CFB-NDUB active		
Comments:	NOTIFY or INFORMATION (state N04) message. User C can receive a SETUP r	nall not be included in the ALERTING, CONNECT, ate N03), CONNECT, NOTIFY or INFORMATION message containing one <i>Redirecting number</i> IE giving the presentation indicator set to "presentation"	
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15) The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user. The setting of the redirecting number to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.		

211601	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9.	I LIVING TELL TO.
2	2.2,	ETS 300 566 [37], subclause 3
s	Subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	SDN-PLMN/Supplementary_se	rvices/Speech/CFNRy_CLI_COL/TC211601
	The user A and the user C are in user C is provided with CLIP.	n network N1. User A is provided with COLP,
		I is provided with CFNRy ("calling user is notified ation to forwarding subscriber" = Yes). (Note 2)
I	Ensure that when user A calls use.	ser B, if unanswered, the call is forwarded to user
a		ion. The presentation of the diverted-to number is R supplementary service of the diverted-to user.
v	User C can receive the <i>Redirec</i> with the presentation indicator set to	eting number IE giving the reason for call diversion o "presentation allowed".
	User B is notified of call diversi	ion.
ISDN parameter	A: ! BC=speech;	
values:	C: ? BC=speech;	
	CFNRy active	
values:		
N C I C C ii I	NOTIFY or CALL PROCEEDING CONNECT, INFORMATION or INFORMATION or NOTIFY (stadiverted-to number is allowed acoust the diverted-to user. The Red indicator can be contained in the	on with a Notification indicator IE contained a G (state N01), ALERTING, PROGRESS, NOTIFY (state N03), PROGRESS, CONNECT, te N04) message. The presentation of the coordance with the COLR supplementary service lirection number IE with the presentation e ALERTING, CONNECT, NOTIFY, (state N03), CONNECT, NOTIFY, (state N04) message.
t	User C can receive a SETUP message containing one <i>Redirecting number</i> IE g the reason for call diversion with the presentation indicator set to "presentation allow	
n	User B is notified with a NOTII message of call diversion.	FY (Invoke = NotifySS [CFNRy, SS-Notification])
S		3 descriptions of the call forwarding line with the pr ETS 300 646-1, item 6.1.1.10 (MSC rding to ETS 300 356-15).
	The served mobile subscriber has n incoming call is a forwarded call is	ot the ability to decide if the indication that the released to the diverted-to user.
s		<u>imber</u> to the forwarded-to subscriber in the ISUP be considered as an implementation option.

211602	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],		
	subclause 9.2.2, subclause 9.2.5	ETS 300 566 [37], subclause 1	
	Subclause 9.2.5	ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFNRy_CLI_COL/TC211602	
ISDN selection criteria:	The user A and the user C are i COLP, user C is provided with 0	n network N1. User A is provided with CLIR and COLR and CLIP.	
PLMN selection criteria:		vided with CFNRy ("calling user is notified of call forwarding subscriber" = Yes).(Note 2)	
Test purpose:	Ensure that when user A calls u	ser B, the call is forwarded to user C.	
		sion. The presentation of the diverted-to number is not supplementary service of the diverted-to user.	
	User C can receive the <i>Redirec</i> with the presentation indicator set	cting number IE giving the reason for call diversion to "presentation allowed".	
	User B is notified of call divers	ion.	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter values:	CFNRy active		
Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user.		
number field set to "unknown", without a numb		restricted" can be included in the ALERTING, IATION (state N03), CONNECT, NOTIFY or	
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".		
	User B is notified with a FACILITY (Invoke = NotifySS [CFNRy, SS-Notification]) message of call diversion.		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.		

211603	ISDN ref. to:	PLMN ref. to:
211000	ETS 300 207-1 [15],	Limit for to.
	subclause 9.2.2, subclause 9.2.4.4,	ETS 300 566 [37], subclause 3
	subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFNRy_CLI_COL/TC211603
ISDN selection criteria:	The user A and the user C are in user C is provided with CLIP.	n network N1. User A is provided with COLP,
PLMN selection criteria:	The user B is in network N2 and is provided with CFNRy ("calling user is notified of call diversion" = No "notification to forwarding subscriber" = No) and CLIR . (Note 2)	
Test purpose:	C. User A is not notified of call di	version and not informed of the diverted-to number.
	with the presentation indicator set User B is not notified of call di	•
ISDN parameter	A: LBC-speech:	
values:	A: ! BC=speech; C: ? BC=speech;	
PLMN parameter values:	CFNRy active	
Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".	
	User B is not notified of call di	version.
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MS acts like a diverting exchange according to ETS 300 356-15) The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user. The setting of the redirecting number to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.	

211701	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15], subclause		
	9.2.2, subclause 9.2.4.4,	ETS 300 566 [37], subclause 3	
	subclause 9.2.5	ETS 300 543 [31], subclause 3	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/SpeechCFNRc_CLI_COL/TC211701	
ISDN selection criteria:	The user A and the user C are i user C is provided with CLIP.	n network N1. User A is provided with COLP,	
PLMN selection criteria:		The user B is in network N2 and is provided with CFNRc ("calling user is notified of call diversion" = Yes). (Note 2)	
Test purpose:	Ensure that when user A calls u	ser B, if detached, the call is forwarded to user C.	
		sion. The presentation of the diverted-to number is R supplementary service of the diverted-to user.	
	User C can receive the <i>Redirec</i> with the presentation indicator set to	cting number IE giving the reason for call diversion to "presentation allowed".	
ISDN parameter	A: ! BC=speech;		
values:	C: ? BC=speech;		
PLMN parameter	CFNRc active, the user is detached		
values:	Lieux A is notified of cell diversion with a Netification indicates IT contains the		
Comments:	User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.		
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".		
	Supplementary_services are not in acts like a diverting exchange account subscriber has not the ability to deforwarded call is released to the difference of		
		umber to the forwarded-to subscriber in the ISUP be considered as an implementation option.	

211702	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2, subclause 9.2.5	ETS 300 566 [37], subclause 1
	Subclause 9.2.5	ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFNRc_CLI_COL/TC211702
ISDN selection criteria:	The user A and the user C are i user C is provided with COLR a	in network N1. User A is provided with COLP, and CLIP.
PLMN selection criteria:	The user B is in network N2 prodiversion" = Yes).(Note 2)	ovided with CFNRc ("calling user is notified of call
Test purpose:	Ensure that when user A calls u	ser B, if detached, the call is forwarded to
	user C.	
		sion. The presentation of the diverted-to number is not R supplementary service of the diverted-to user.
	User C can receive the <i>Redirec</i> with the presentation indicator set	cting number IE giving the reason for call diversion to "presentation allowed".
ISDN parameter	A: ! BC=speech;	
values:	C: ? BC=speech;	
PLMN parameter	CFNRc active, the user is detact	ched
values:		
Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.	
	The presentation of the diverted supplementary service of the diver	d-to number is not allowed accordance with the COLR ted-to user.
	The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.	
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed"	
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).	
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.	

211703	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CFNRc_CLI_COL/TC211703
ISDN selection criteria:	The user A and the user C are i user C is provided with CLIP.	n network N1. User A is provided with COLP,
PLMN selection criteria:	The user B is in network N2 and of call diversion" = No) and CLI	d is provided with CFNRc ("calling user is notified R .(Note 2)
Test purpose:	Ensure that when user A calls u	ser B, if detached the call is forwarded to
	user C.	
	User A is not notified of call di	version and not informed of the diverted-to number.
	User C can receive the <i>Redired</i>	cting number IE giving the reason for call diversion
	with the presentation indicator set	to "presentation restricted".
ISDN parameter	A: ! BC=speech;	
values:	C: ? BC=speech;	
PLMN parameter	CFNRc active, the user is detact	hed
values:		
Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.	
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE givin the reason for call diversion with the presentation indicator set to "presentation restricted". EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.	
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.	

211801	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	
		ETS 300 518 [30]
		. ,
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CUG_CFU/TC211801
ISDN selection	CUG	
criteria:		
PLMN selection	CUG, CFU	
criteria:		
Test purpose:	ISDN user A, ISDN user C and PLMN user B belong to the same CUG. No other CUG parameter are allocated to any of the users. B has an active call forwarding to C. Ensure that a call establishment is successful.	
ISDN parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:	*	
Comments:	On PLMN side CUG SS accord	ing to the Stage 1 description.

211802	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to: ETS 300 518 [30]
TSS reference:	ISDN-PLMN/Supplementary_se	L ervices/Speech/CUG_CFU/TC211802
ISDN selection criteria:	CUG	
PLMN selection criteria:	CUG, CFU	
Test purpose:	ISDN user A and PLMN user B belong to the same CUG. ISDN user C does not belong to the CUG. No other CUG parameter are allocated to any of the users. B has an active call forwarding to C. Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:	On PLMN side CUG SS accord	ing to the Stage 1 description.

211803	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to: ETS 300 518 [30]
TSS reference:	ISDN-PLMN/Supplementary_so	ervices/Speech/CUG_CFU/TC211803
ISDN selection criteria:	CUG	
PLMN selection criteria:	CUG, CFU	
Test purpose:	ISDN user A and PLMN user B belong to the same CUG. Additionally B has the CUG parameter OA = "allowed" and an active call forwarding to ISDN user C. C is not member of the CUG. Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:	On PLMN side CUG SS accord	ling to the Stage 1 description.

211804	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	
	[210 300 130 1 [10]	ETS 300 518 [30]
		L15 300 316 [30]
TSS reference:	ISDN-PLMN/Supplementary se	ervices/Speech/CUG_CFU/TC211804
Too reference.	Control Living Cupple Mentally_50	1 1 1 0 0 0 1 1 0 0 0 1 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0
ISDN selection	CUG	
criteria:		
PLMN selection	CUG, CFU	
criteria:		
Test purpose:	ISDN user A and PLMN user B belong to the same CUG. Additionally A has the CUG parameter OA = "allowed". User B has an active call forwarding to ISDN user C, which is not member of the CUG. Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".	
ISDN parameter	BC=speech	
values:	·	
PLMN parameter		
values:		
Comments:	On PLMN side CUG SS accord	ing to the Stage 1 description.

211805	ISDN ref. to:	PLMN ref. to:
211003	ETS 300 138-1 [10]	
	L 13 300 130-1 [10]	ETC 200 519 [20]
		ETS 300 518 [30]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CUG_CFU/TC211805
ISDN selection	CUG	
criteria:		
PLMN selection	CUG, CFU	
criteria:		
Test purpose:	ISDN user A, PLMN user B and ISDN user C belong to the same CUG. Additionally A has the CUG parameter OA = "allowed". User B has an active call forwarding to ISDN user C. Ensure that a call establishment is successful but the OA indicator is not provided to C.	
ISDN parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:	OGW BO-Specon	
Comments:	On PLMN side CUG SS accord	ing to the Stage 1 description.

211901	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	
		ETS 300 515 [29]
TSS reference:	ISDN-PLMN/Supplementa	ary_services/Speech/CFB_CW/TC211901
ISDN selection criteria:		
PLMN selection criteria:	CW, CFB	
Test purpose:	PLMN user B is provided with CW and an active CFB to ISDN user C. Additionally user B has also call diversion notification = Yes. ISDN user A has an active connection to user B. ISDN user D is calling user B. Ensure that user B will be informed about the waiting call (CW) and that the Waiting call is released at the terminating exchange after timer expired.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

211902	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 515 [29]	
TSS reference:	ISDN-PLMN/Supplementary_se	ISDN-PLMN/Supplementary_services/Speech/CFB_CW/TC211902	
ISDN selection criteria:			
PLMN selection criteria:	CW, CFB		
Test purpose:	PLMN user B is provided with CW and an active CFB to ISDN user C. Additionally user B has also call diversion notification = No. ISDN user A has an active connection to user B. ISDN user D is calling user B. Ensure that user B will be informed about the waiting call (CW) and that the Waiting call is released at the terminating exchange after timer expired.		
ISDN parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:			

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211903	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	
		ETS 300 515 [29]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CFB_CW/TC211903
ISDN selection		
criteria:		
PLMN selection	CW, CFB	
criteria:		
Test purpose:	PLMN user B is provided with CW and an active CFB to ISDN user C. Additionally user B has also call diversion notification = Yes. ISDN user A has an active connection to user B. PLMN user B is involved in an active call with ISDN user D and in the same time he has a Waiting incoming call from ISDN user E. Ensure that user B will be informed about the waiting call (CW), and (NDUB) the call will be forwarded to C. PLMN user B and the ISDN calling user A shall receive a call diversion notification.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

211904	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 515 [29]
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/Speech/CFB_CW/TC211904
ISDN selection criteria:		
PLMN selection criteria:	CW, CFB	
Test purpose:	PLMN user B is provided with CW and an active CFB to ISDN user C. Additionally user B has also call diversion notification = No. ISDN user A has an active connection to user B. PLMN user B is involved in an active call with ISDN user D and in the same time he has a Waiting incoming call from ISDN user E. Ensure that user B will be informed about the waiting call (CW), and (NDUB) the call will be forwarded to C. PLMN user B and the ISDN calling user A shall not receive a call diversion notification.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

211905	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 515 [29]
TSS reference:	ISDN-PLMN/Supplementary_se	L ervices/Speech/CFB_CW/TC211905
ISDN selection criteria:		
PLMN selection criteria:	CW, CFB	
Test purpose:	PLMN user B is provided with CW and an active CFB to ISDN user C. Additionally user B has also call diversion notification = Yes. ISDN user A has an active connection to user B. ISDN user D is calling user B. Ensure that user B will be informed about the waiting call (CW) and that the Waiting call is forwarded to user C when user B declares his UDUB condition. ISDN calling user A shall receive a call diversion notification while PLMN user B shall not receive a call diversion notification.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

211906	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 515 [29]
TSS reference:	ISDN-PLMN/Supplementary_so	ervices/Speech/CFB_CW/TC211906
ISDN selection criteria:		
PLMN selection criteria:	CW, CFB	
Test purpose:	PLMN user B is provided with CW and an active CFB to ISDN user C. Additionally user B has also call diversion notification = No. ISDN user A has an active connection to user B. ISDN user D is calling user B. Ensure that user B will be informed about the waiting call (CW) and that the Waiting call is forwarded to user C when user B declares his UDUB condition. PLMN user B and the ISDN calling user A shall not receive a call diversion notification.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

NON-SYMMETRICAL TESTS

220101	ISDN ref. to:	PLMN ref. to:
	ETS 300 055-1 [12], subclause 9.2.1	ETS 300 646-1 subclause 6.1.1.3
	EN 300 403-1 [1], subclause 5.6	ETS 300 557 [35], subclause 10.5.4.20
TSS reference:	ISDN-PLMN/Supplemen	tary_services/Speech/TP/TC220101
ISDN selection criteria:	TP	
PLMN selection criteria:		
Test purpose:	Ensure that the called user is notified of the call suspension and resumption by the calling user (no call identity is used)	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The calling user must be a basic access	

220402	IODN net to	DI MNI not to
220102	ISDN ref. to:	PLMN ref. to:
	ETS 300 055-1 [12],	
	subclause 9.2.2	ETS 300 646-1 subclause 6.1.1.3
	EN 300 403-1 [1], subclause	
	5.6.5	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/TP/TC220102
ISDN selection	TP	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that when the call is suspended, with the expire of timer T307 before the	
	call re-establishment, the network starts call clearing to the (still) active side with	
	cause value #102 "recovery on	timer expire".
ISDN Parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:	The calling user must be a basic access	

222224		
220201	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS1/TC220201
ISDN selection	UUS1e	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS1 explicit request as preferred (not-essential). Verify that the UUS service 1 explicit can be correctly implicitly rejected in the PLMN.	
ISDN Parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

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220202	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS1/TC220202
ISDN selection	UUS1e	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS1 explicit request as preferred (not-essential). Verify that the UUS 1 is explicitly discarded without disrupting the call establishment.	
ISDN Parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

220203	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/UUS1/TC220203	
ISDN selection criteria:	UUS1e	
PLMN selection		
criteria:		
Test purpose:	The calling (served) user is provided with UUS1 explicit request as required (essential).	
	Ensure that after explicit request of UUS1 indicating "required", the destination network rejects the UUS1 request and initiates call clearing to the calling user with cause value #69 "requested facility not implemented" or cause value #29 "facility rejected".	
ISDN Parameter	BC=speech	
values:		
PLMN parameter		
values:		
Comments:		

220204	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS2/TC220204
ISDN selection	UUS2	
criteria:		
PLMN selection	UUS is implicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS2 explicit request as preferred	
	(not-essential). To verify that the handled.	e UUS2 implicit network rejection can be correctly
ISDN Parameter	BC=speech	
values:	'	
PLMN parameter values:	GSM-BC=speech	
Comments:		

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220205	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TCC matamana		 vriinga/Chanach/LILICA/TCAAAAC
TSS reference:	15DN-PLIVIN/Supplementary_se	ervices/Speech/UUS2/TC220205
ISDN selection	UUS2	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS2 explicit request as preferred	
	(not-essential). Verify that the UUS establishment.	S 2 is explicitly discarded without disrupting the call
ISDN Parameter	BC=speech	
values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

220206	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	ETS 300 646-1 subclause 6.1.1.4
	subclause 9.1.1.2.2	L15 500 040-1 subclause 0.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS2/TC220206
ISDN selection	UUS2	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS2 explicit request as required	
	(essential).	
	rejects the UUS2 request and initia	f UUS2 indicating "required", the destination network tes call clearing to the calling user with cause value ented" or cause value #29 "facility rejected".
ISDN Parameter values:	BC=speech	
PLMN parameter values:		
Comments:		

220207	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	ETS 300 646-1 subclause 6.1.1.4
	subclause 9.1.1.2.2	L15 500 040-1 subclause 0.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/UUS3/TC220207
ISDN selection	UUS3	
criteria:		
PLMN selection	UUS is implicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS3 explicit request as preferred (not-essential), request during call establishment.	
	Verify that the UUS3 implicit netw	ork rejection can be correctly handled.
ISDN Parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

220208	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/UUS3/TC220208
ISDN selection	UUS3	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS3 explicit request as preferred(not-essential), request during call establishment.	
	Verify that the UUS3 is explicitly of	discarded without disrupting the call establishment.
ISDN Parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

220209	ISDN ref. to:	PLMN ref. to:
220209		PLIVIN rei. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/UUS3/TC220209	
ISDN selection criteria:	UUS3	
PLMN selection criteria:		
Test purpose:	The calling (served) user is provided with UUS3 explicit request as required	
	(essential), request during call establishment.	
	Ensure that after explicit request of UUS3 indicating "required", the destination network rejects the UUS3 request and initiates call clearing to the calling user with cause value #69 "requested facility not implemented" or cause value #29 "facility rejected".	
ISDN Parameter values:	BC=speech	
PLMN parameter		
values:		
Comments:		

220301	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14], subclause 9.2.2, ANNEX A, Figure A.1	ETS 300 646-1, subclause 6.1.1.8
TSS reference:		ervices/Speech/CONF/TC220301
ISDN selection criteria:	CONF	
PLMN selection		
criteria:		
Test purpose:	Ensure that user A can establis	h conference call from the Null call state.
ISDN parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:	-	
Comments:	The user A is in network N1 and is provided with CONF. User B is in network N2. User A sends a SETUP message including a Facility IE which shall contain a BeginCONF invoke component to the network. The network shall respond with a CALL PROCEEDING and a CONNECT message which shall include a BeginCONF return result component in a Facility IE [in the (Active, Idle) state]. After the reception off the CONNECT message, user A is initiating the call hold procedure, the call is an Active-Held connection.	
	User A sends a SETUP message to user B. After the call establishment, user A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an AddCONF invoke component. The network shall send a DISCONNECT message (with CRy) to user A with a	
	Facility IE with an AddCONF return result component.	
	User A sends RELEASE for CRy. The network response with RELEASE COMPLETE.	
		message with a Notification indicator IE indicating ne conference ("Conference established").
		rd ETS 300 646-1, subclause 6.1.1.8 is not in line 4.1. The PLMN does not support the sending of 6.

220302	ICDN rof to:	DI MNI rof to
220302	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14],	ETS 300 646-1, subclause 6.1.1.8
	subclause 9.2.2, ANNEX A,	E13 300 040-1, subclause 0.1.1.8
	Figure A.2	
TSS reference:	ISDN-PLMN/Supplementary_s	services/Speech/CONF/TC220302
ISDN selection	CONF	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that user A can establi	sh a conference from the Active call state.
ISDN parameter	BC=speech	
values:	1	
PLMN parameter	GSM-BC=speech	
values:	·	
Comments:	The user A is in network N1 and is provided with CONF. The user B is in network N2.	
	User A calls user B (with CRx). After the call establishment	
	[in the (Active, Idle) state] user A sends a FACILITY message including a Facility IE which shall contain a BeginCONF invoke component indicating the call reference of the call to be added (CRx).	
	The network shall respond to user A with a FACILITY message including a Facility IE witch shall contain a BeginCONF return result component in a Facility IE.	
	User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established").	
	EDITORS NOTE 4 : The standard ETS 300 646-1, subclause 6.1.1.8 is not in line with the Recommendation Q.734.1. The PLMN does not support the sending of notifications to the remote users.	

220303	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14],	
	subclause 9.2.2, ANNEX A, Figure A.3	ETS 300 646-1, subclause 6.1.1.8
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/CONF/TC220303	
ISDN selection criteria:	CONF	
PLMN selection		
criteria:		
Test purpose:	Ensure that user A can add an	existing call to the conference.
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The user A is in network N1 and is prov	vided with CONF. User B and C are in network N2.
	User A calls user B (with CRx)	. After the call establishment
		sends a FACILITY message including a Facility IE invoke component indicating the call reference of the
	The network shall respond to user A with a FACILITY message including a Facility IE witch shall contain a BeginCONF return result component in a Facility IE.	
	User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established").	
	After initiating of call hold, the call (CRx) is in an Active-Held connection.	
	User A sends a SETUP message to user C. After the call establishment [in the (Active, Idle) state] user A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an AddCONF invoke component. The network shall send a DISCONNECT message (with CRy) to user A with a Facility IE with an AddCONF return result component. User A sends RELEASE for CRy. The network response with RELEASE COMPLETE. User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user C has been added to the conference ("Conference established").	
		message with a Notification indicator IE indicating ded to the conference ("Other party added").
		ETS 300 646-1, subclause 6.1.1.8 is not in line with e PLMN does not support the sending of notifications

220304	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14],	
	subclause 9.2.2, ANNEX A, Figure A.6	ETS 300 646-1, subclause 6.1.1.8
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CONF/TC220304
ISDN selection criteria:	CONF	
PLMN selection criteria:		
Test purpose:	Ensure that user A can add an i	ncoming call to the conference.
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The user A is in network N1 and is prov	vided with CONF. User B and C are in network N2.
	User A calls user B (with CRx). At	fter the call establishment
		sends a FACILITY message including a Facility IE invoke component indicating the call reference of the
	The network shall respond to user A with a FACILITY message including a Facility IE witch shall contain a BeginCONF return result component in a Facility IE.	
	User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established").	
	User C is calling user A. User A receives a SETUP (with CRy) message. User A answers with a ALERTING message and initiates the call hold procedure, the call A-B is in the Active, Call Held state.	
	After the call establishment [in the (Active, Idle) state] user A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an AddCONF invoke component.	
	The network shall send a DISCONNECT message (with CRy) to user A with a Facility IE with an AddCONF return result component. User A sends RELEASE for CRy. The network response with RELEASE COMPLETE. User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user C has been added to the conference ("Conference established").	
		message with a Notification indicator IE indicating ded to the conference ("Other party added").
		ETS 300 646-1, subclause 6.1.1.8 is not in line with PLMN does not support the sending of notifications

220305	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14], subclause 9.2.2, ANNEX A, Figure A.7-A.8	ETS 300 646-1, subclause 6.1.1.8
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/CONF/TC220305	
ISDN selection	CONF	
criteria: PLMN selection		
criteria:		
Test purpose:	Ensure that user A can establis isolate and reattach user B.	h a conference call with user B and user C and
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The user A is in network N1 and is pro-	vided with CONF. User B and C are in network N2.
	User A calls user B (with CRx)). After the call establishment
		sends a FACILITY message including a Facility IE invoke component indicating the call reference of the
		ser A with a FACILITY message including a Facility NF return result component in a Facility IE.
	User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established").	
	After initiating of call hold, the call (CRx) is in an Active-Held connection.	
	User A sends a SETUP message to user C. After the call establishment [in the (Active, Idle) state] user A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an AddCONF invoke component.	
	The network shall send a DISCONNECT message (with CRy) to user A with a Facility IE with an AddCONF return result component.	
	User A sends RELEASE for CRy. The network response with RELEASE COMPLETE.	
	User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user C has been added to the conference ("Conference established"). User B shall receive a NOTIFY message with a Notification indicator IE indicating that a new remote user has been added to the conference ("Other party added"). User A sends a FACILITY message with a Facility IE including a IsolateCONF invoke component to request the isolation of the remote user B. The network shall send a FACILITY message with a Facility IE including a IsolateCONF return result component. User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been reattached to the conference ("other party reattached").	
	user B is reattached to the conferent with a Facility IE including a Reat	essage with a Notification indicator IE indicating that nce("reattached"). User A sends a FACILITY message tachCONF invoke component to request the The network shall send a FACILITY message with a DNF return result component.
		d ETS 300 646-1, subclause 6.1.1.8 is not in line with e PLMN does not support the sending of notifications

220306	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14],	
	subclause 9.2.2, ANNEX A, Figure A.9	ETS 300 646-1, subclause 6.1.1.8
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/CONF/TC220306	
ISDN selection criteria:	CONF	
PLMN selection criteria:		
Test purpose:	Ensure that user A can establis verify that one party can be spli	h a conference call with user B and user C and ted.
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The user A is in network N1 and is prov	vided with CONF. User B and C are in network N2.
	User A calls user B (with CRx)). After the call establishment
		sends a FACILITY message including a Facility IE rinvoke component indicating the call reference of the
		ser A with a FACILITY message including a Facility NF return result component in a Facility IE.
	User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established"). After initiating of call hold, the call (CRx) is in an Active-Held connection.	
	User A sends a SETUP message (CRy) to user C. After the call establishment [in the (Active, Idle) state] User A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an AddCONF invoke component.	
	The network shall send a DISCONNECT message (with CRy) to user A with a Facility IE with an AddCONF return result component.	
	User A sends RELEASE for CRy. The network response with RELEASE COMPLETE.	
	User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user C has been added to the conference ("Conference established"). User B shall receive a NOTIFY message with a Notification indicator IE indicating that a new remote user has been added to the conference ("Other party added").	
		ge including a Facility IE which shall contain request the splitting of the remote user B.
	The network shall send a CALL PROCEEDING, ALERTING without Channelid IE and a CONNECT message with a SplitCONF return component.	
		I message with a Notification indicator IE indicating the conference ("other party split").
		If message with a Notification indicator IE indicating the conference ("conference disconnected").
		ETS 300 646-1, subclause 6.1.1.8 is not in line with e PLMN does not support the sending of notifications

220307	ISDN ref. to:	PLMN ref. to:
220307		F LIVITY 161. LO.
	ETS 300 185-1 [14],	ETG 200 646 1 . 1.1 61 1 0
	subclause 9.2.2, ANNEX A,	ETS 300 646-1, subclause 6.1.1.8
	Figure A.10-A.12	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/CONF/TC220307
ISDN selection	CONF	
criteria:		
PLMN selection		
criteria:		
Test purpose:	The user A is n network N1 and is provided with CONF. User B and C are in network N2.	
	Ensure that user A can establish a conference call with user B and user C. Verify that user B can be disconnected from user A (with a DropCONF invoke component in a FACILITY message) from the conference and that user A can terminate the conference using the basic call clear procedure.	
ISDN parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		

The user A is in network N1 and is provided with CONF. User B and C are in network N2.

User A calls user B (with CRx). After the call establishment

[in the (Active, Idle) state] user A sends a FACILITY message including a Facility IE which shall contain a **BeginCONF** invoke component indicating the call reference of the call to be added (CRx).

The network shall respond to user A with a FACILITY message including a Facility IE witch shall contain a BeginCONF return result component in a Facility IE.

User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established"). After initiating of call hold, the call (CRx) is in an Active-Held connection.

User A sends a SETUP message (CRy) to user C. After the call establishment [in the (Active, Idle) state] user A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an **AddCONF** invoke component.

The network shall send a DISCONNECT message (with CRy) to user A with a Facility IE with an **AddCONF** return result component.

User A sends RELEASE for CRy. The network response with RELEASE COMPLETE.

User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user C has been added to the conference ("Conference established").

User B shall receive a NOTIFY message with a Notification indicator IE indicating that a new remote user has been added to the conference ("Other party added").

User A sends a FACILITY message with a Facility IE including a DropCONF invoke component to request to disconnect the remote user B.

The network shall send a FACILITY message with a Facility IE including a DropCONF return result component.

User B shall be disconnected from the call with the normal call clearing procedures.

User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been disconnected from the conference ("other party disconnected"). User A is terminating the conference sending a DISCONNECT message, the network response with RELEASE and the user with RELEASE COMPLETE.

User C shall be disconnected from the network with the normal call clearing procedures.

EDITORS NOTE 4: The standard ETS 300 646-1, subclause 6.1.1.8 is not in line with the Recommendation Q.734.1. The PLMN does not support the sending of notifications to the remote users.

220308	ISDN ref. to: ETS 300 185-1 [14], subclause 9.2.2, ANNEX A,	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.8
TSS reference:	Figure A.11-A.12 ISDN-PLMN/Supplementary_se	l ervices/Speech/CONF/TC220308
ISDN selection criteria:	CONF	
PLMN selection criteria:		
Test purpose:	Ensure that user A can establish a conference call with user B and user C. The remote user B can disconnect the conference and that user A can terminate the conference using the basic call clear procedure.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	

The user A is in network N1 and is provided with CONF. User B is in network N2.

User A calls user B (with CRx). After the call establishment

[in the (Active, Idle) state] user A sends a FACILITY message including a Facility IE which shall contain a **BeginCONF** invoke component indicating the call reference of the call to be added (CRx).

The network shall respond to user A with a FACILITY message including a Facility IE witch shall contain a BeginCONF return result component in a Facility IE.

User B shall receive a NOTIFY message with a Notification indicator IE indicating that the user B has been added to the conference ("Conference established"). After initiating of call hold, the call (CRx) is in an Active-Held connection.

User A sends a SETUP message (CRy) to user C. After the call establishment [in the (Active, Idle) state] user A sends a FACILITY message to the network indicating the call reference of the call to be added (CRy) including an **AddCONF** invoke component.

The network shall send a DISCONNECT message (with CRy) to user A with a Facility IE with an **AddCONF** return result component.

User A sends RELEASE for CRy. The network response with RELEASE COMPLETE.

User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user C has been added to the conference ("Conference established").

User B shall receive a NOTIFY message with a Notification indicator IE indicating that a new remote user has been added to the conference ("Other party added").

User B send a DISCONNECT message, the network shall send to user A a FACILITY message with a Facility IE including a PartyDISC invoke component with a parameter indicating the PartyId associated with the disconnected remote user.

User C shall receive a NOTIFY message with a Notification indicator IE indicating that the user B disconnected from the conference ("other remote user disconnected"). User A is terminating the conference sending a DISCONNECT message, the network response with RELEASE and the user with RELEASE COMPLETE.

User C shall be disconnected from the network with the normal call clearing procedures.

EDITORS NOTE 4: The standard ETS 300 646-1, subclause 6.1.1.8 is not in line with the Recommendation Q.734.1. The PLMN does not support the sending of notifications to the remote users.

220401	ISDN ref. to:	PLMN ref. to:	
	ETS 300 188-1 [17],	ETC 200 (46.1 - 1.1 6.1.1.4	
	subclause 9.2	ETS 300 646-1, subclause 6.1.1.14	
TSS reference:	ISDN-PLMN/Supplementary_	ISDN-PLMN/Supplementary_services/Speech/3PTY/TC220401	
ISDN selection	3PTY	3PTY	
criteria:			
PLMN selection criteria:			
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and user C and release the Active-Idle connection (A-C). After the completion of the Retrieve function, the call clearing procedure is performed from user A.		
ISDN parameter values:	BC=speech		
PLMN parameter			
values:			
Comments:	The user A is in network N1 and is provided with 3PTY. The user B and user C are in the network N2.		
	User A calls user B (with CF Active-Held connection.	User A calls user B (with CRx). After initiating of call hold, the call A-B has an	
		User A is calling user C (with the CRy). The call (A-C) has an Active-Idle connection.	
	When user A sends a FACILITY message for CRx containing a facility IE with a Begin3PTY invoke component the network shall respond with a FACILITY message containing a facility IE with a Begin3PTY return result component for CRx. User B and C shall receive a NOTIFY message containing a Notification Indicator IE with a notification description of "Conference established". The three-way bridge is established. On receipt of a DISCONNECT message from the user A relating to the Active-Idle connection (CRy) the network shall clear the call to user C with a DISCONNECT message. After the release of the three-way bridge the network is sending to the remote user B the notification "Remote hold". When user A sends a RETRIEVE message for CRx the network shall send a NOTIFY message to user B containing a Notification indicator IE with a notification description of "Conference disconnected". User A shall receive a RETRIEVE ACKNOWLEDGE message. The call A-B has an Active-Idle connection.		
	The call clearing procedure is po	erformed from user A with a DISCONNECT message.	
	EDITORS NOTE 5 : The standard ETS 300 646-1 subclause 6.1.1.15 is not in line with the Recommendation Q.734.2. The PLMN does not support the sending of notifications to the remote users.		

220402	ISDN ref. to:	PLMN ref. to:	
220102	ETS 300 188-1 [17],	Limit for to.	
	subclause 9.2	ETS 300 646-1, subclause 6.1.1.14	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/3PTY/TC220402	
ISDN selection criteria:	3PTY		
PLMN selection			
criteria:			
Test purpose:		Ensure that user A can establish a three-way conversation call with user B and user C and release the Active-Held connection (A-B). The call clearing procedure is performed from user A.	
ISDN parameter	BC=speech		
values:			
PLMN parameter	GSM-BC=speech		
values:			
Comments:	The user A is in network N1 and is provided with 3PTY. The user B and user C are in the network N2. User A calls user B (with CRx). After initiating of call hold, the call A-B has an Active-Held connection. User A is calling user C (with the CRy). The call (A-C) has an Active-Idle connection. When user A sends a FACILITY message for CRx containing a facility IE with a Begin3PTY invoke component the network shall respond with a FACILITY message containing a facility IE with a Begin3PTY return result component for CRx. User B and C shall receive a NOTIFY message containing a Notification Indicator IE with a notification description of "Conference established". The three-way bridge is established. On receipt of a DISCONNECT message from the user A relating to the Active-Held connection (CRx) the network shall clear the call to user B with a DISCONNECT message. After the release of the three-way bridge the network is sending to the remote user C a NOTIFY message containing a Notification indicator IE with a notification description of "Conference disconnected". The call A-C has an Active-Idle connection. The call clearing procedure is performed from user A with a DISCONNECT message. EDITORS NOTE 5: The standard ETS 300 646-1 subclause 6.1.1.15 is not in line with the Recommendation Q.734.2. The PLMN does not support the sending of notifications to the remote users.		

220403	ISDN ref. to:	PLMN ref. to:
220700	ETS 300 188-1 [17],	Limit fol. to.
	subclause 9.2	ETS 300 646-1, subclause 6.1.1.14
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/3PTY/TC220403
ISDN selection criteria:	3PTY	
PLMN selection criteria:		
Test purpose:		h a three-way conversation call with user B and ote users, user B is released first.
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The user A is in network N1 and is prov N2.	vided with 3PTY. The user B and user C are in the network
	User A calls user B (with CRx). At Held connection.	fter initiating of call hold, the call A-B has an Active-
	User A is calling user C (with the CRy). The call (A-C) has an Active-Idle connection.	
	When user A sends a FACILITY message for CRx containing a facility IE with a Begin3PTY invoke component the network shall respond with a FACILITY message containing a facility IE with a Begin3PTY return result component for CRx. User B and C shall receive a NOTIFY message containing a Notification Indicator IE with a notification description of "Conference established". The three-way bridge is established.	
	On receipt of a DISCONNECT message from the user A relating to the Active-Held connection (CRx) the network shall clear the call to user B with a DISCONNECT message. After the release of the three-way bridge the network is sending to the remote user C a NOTIFY message containing a Notification indicator IE with a notification description of "Conference disconnected". On receipt of a DISCONNECT message from the user A relating to the Active-Idl connection (CRy) the network shall clear the call to user C with a DISCONNECT message.	
		ETS 300 646-1 subclause 6.1.1.15 is not in line with PLMN does not support the sending of notifications

220404	ISDN ref. to:	PLMN ref. to:
220404		LIVITY TOI. CO.
	ETS 300 188-1 [17],	ETS 300 646-1, subclause 6.1.1.14
	subclause 9.2	L13 300 040-1, subclause 0.1.1.14
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/3PTY/TC220404	
ISDN selection	3PTY	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and	
	user C and release of both rem	ote users, user C is released first.
ISDN parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:	EDITORS NOTE 5: The standard ETS 300 646-1 subclause 6.1.1.15 is not in	
	line with the Recommendation Q.734.2. The PLMN does not support the sending	
	of notifications to the remote us	ers.

222425	1.00.11	
220405	ISDN ref. to:	PLMN ref. to:
	ETS 300 188-1 [17],	
	subclause 9.2	ETS 300 646-1, subclause 6.1.1.14
	Subclause 5.2	,
TSS reference:	ISDN-PLMN/Supplementary	_services/Speech/3PTY/TC220405
ISDN selection	3PTY	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and user C and	
' '	user B sends disconnect during the Three-Party communication.	
		Ť
ISDN parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:	EDITORS NOTE 5: The standard ETS 300 646-1, subclause 6.1.1.15 is not in	
	line with the Recommendation Q.734.2. The PLMN does not support the sending	
	of notifications to the remote users.	
		, uocio.

220406	ISDN ref. to: ETS 300 188-1 [17],	PLMN ref. to:
	subclause 9.2	ETS 300 646-1, subclause 6.1.1.14
TSS reference:	ISDN-PLMN/Supplementary_services/Speech/3PTY/TC220406	
ISDN selection criteria:	3PTY	
PLMN selection criteria:		
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and user C and user C sends disconnect during the Three-Party communication.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	EDITORS NOTE 5 : The standard ETS 300 646-1 subclause 6.1.1.15 is not in line with the Recommendation Q.734.2. The PLMN does not support the sending of notifications to the remote users.	

220407	ISDN ref. to: ETS 300 188-1 [17], subclause 9.2	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.14
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/3PTY/TC220407
ISDN selection criteria:	3PTY	
PLMN selection criteria:		
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and user C and create a private communication with user B. The call clearing procedure is performed from user A.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		rd ETS 300 646-1 subclause 6.1.1.15 is not in Q.734.2. The PLMN does not support the sending ers.

220408	ISDN ref. to: ETS 300 188-1 [17], subclause 9.2	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.14
TSS reference:	ISDN-PLMN/Supplementary_se	l ervices/Speech/3PTY/TC220408
ISDN selection criteria:	ЗРТҮ	
PLMN selection criteria:		
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and user C and create a private communication with user B. The call clearing procedure is performed from user A.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	

User A calls user B (with CRx). After initiating of call hold, the call A-B has an Active-Held connection.

User A is calling user C (with the CRy). The call (A-C) has an Active-Idle connection.

When user A sends a FACILITY message for CRx containing a facility IE with a Begin3PTY invoke component the network shall respond with a FACILITY message containing a facility IE with a Begin3PTY return result component for CRx. User B an C receive a NOTIFY message containing a Notification Indicator IE with a notification description of "Conference established". The three-way bridge is established.

The served user shall send an End3PTY invoke component to the network in a

FACILITY message with that CRx. On receiving such an invoke component in a FACILITY message, the network shall:

- i) remove the three-way bridge from both the Active-Idle connection and the Active-Held connection;
- ii) release the three-way bridge;
- iii) return to the served user an End3PTY return result component, within a FACILITY message using the CRx of the Active-Held connection;
- iv) send a NOTIFY message to the remote user with which private communication is required containing a Notification indicator information element with a notification description of "Remote hold"; and,
- v) send a NOTIFY message to the other remote user containing a Notification indicator information element with a notification description of "Conference disconnected".

When the served user receives a correctly encoded End3PTY return result component, within a FACILITY

message, the user shall accept the provided information and shall:

- i) use the CR relating to the Active-Idle connection, perform the Hold function
- ii) use the CR relating to the Active-Held connection, perform the Retrieve function

The network shall complete the Hold and Retrieve functions. On successful completion of the Hold function (i.e. the HOLD ACKNOWLEDGE message is sent) the network shall send a NOTIFY message, to the remote user that is not to be

included in the private communication, containing a Notification indicator information element with a notification description of "Remote hold". On successful completion of the Retrieve function (i.e. RETRIEVE ACKNOWLEDGE message is sent) the network shall send a NOTIFY message, to the remote user for whom

private communication is desired, containing a Notification indicator information element with a notification description of "Conference disconnected".

(A Notification indicator information element with a notification description of "Remote retrieval" is not sent to the remote user under these circumstances.)

As a result of the procedures of this item of this subclause, the call state of the connections, at both the network and the served user, is unchanged. The auxiliary state of the connection of the private communication changes from Call

Held to Idle. The auxiliary state of the other connection changes from Idle to Call Held.

EDITORS NOTE 5: The standard ETS 300 646-1 subclause 6.1.1.15 is not in line with the Recommendation Q.734.2. The PLMN does not support the sending of notifications to the remote users.

220409	ISDN ref. to: ETS 300 188-1 [17], subclause 9.2	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.14
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/3PTY/TC220409
ISDN selection criteria:	ЗРТҮ	
PLMN selection criteria:		
Test purpose:	Ensure that user A can establish a three-way conversation call with user B and user C and create a private communication with user C. The call clearing procedure is performed from user A.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	

User A calls user B (with CRx). After initiating of call hold, the call A-B has an Active-Held connection.

User A is calling user C (with the CRy). The call (A-C) has an Active-Idle connection.

When user A sends a FACILITY message for CRx containing a facility IE with a Begin3PTY invoke component the network shall respond with a FACILITY message containing a facility IE with a Begin3PTY return result component for CRx. User B and C receive a NOTIFY message containing a Notification Indicator IE with a notification description of "Conference established". The three-way bridge is established.

If the remote user, for which a private communication is required, is identified at the served user by the CRy relating to the Active-Idle connection, the served user shall send an End3PTY invoke component to the network in a FACILITY message with that CRy.

On receiving such an invoke component in a FACILITY message, the network shall:

- i) remove the three-way bridge from both the Active-Idle connection and the Active-Held connection;
- ii) release the three-way bridge;
- iii) return to the served user an End3PTY return result component, within a FACILITY message, using the CRy of the Active-Idle connection;
- iv) send a NOTIFY message to both remote users containing a Notification indicator information element with a notification description of "Conference disconnected"; and,
- v) send to the remote user for which private communication is not required, either in the same NOTIFY message as (iv), or in a subsequent NOTIFY message, a Notification indicator information element with a notification description of "Remote hold". If any intervening protocol between the network of the served user and the network of the remote user does not support transmission of two notification descriptions in the same message, then this should be mapped at that point to a message containing a single notification description of "Conference disconnected", and a subsequent message containing a notification description of "Remote hold".

When the served user receives a correctly encoded End3PTY return result component, within a FACILITY message, the user shall accept the provided information and take no further action. As a result of the procedures of this item of this subclause, the call state and the auxiliary state of the connections, at both the network and the served user, are unchanged.

The call clearing procedure is performed from user A with a DISCONNECT message

EDITORS NOTE 5: The standard ETS 300 646-1 subclause 6.1.1.15 is not in line with the Recommendation Q.734.2. The PLMN does not support the sending of notifications to the remote users.

220501	ISDN ref. to:	PLMN ref. to:
	ETS 300 369-1 [20], subclause 9	ETS 300 557 [35], subclause 5.2
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/ECT/TC220501
ISDN selection criteria:	ECT	
PLMN selection criteria:		
Test purpose:	User A is in network N1 and is provided with ECT using implicit linkage. User B and user C are in network N2. Ensure that when user A invokes ECT in which the call A-B is in the Active call state - Call Held auxiliary state and the call A-C is in the Active call state a connection between user B and user C is established and the calls A-B and A-C are released. The call clearing procedure of the B-C connection is performed from user B.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

220502	ISDN ref. to: ETS 300 369-1 [20],	PLMN ref. to:	
	subclause 9	ETS 300 557 [35], subclause 5.2	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/ECT/TC220502	
ISDN selection criteria:	ECT	ECT	
PLMN selection criteria:			
Test purpose:	User A is in network N1 and is provided with ECT using implicit linkage. User B and user C are in network N2. Ensure that when user A invokes ECT in which the call A-B is in the Active call sate and the call A-C is in the Active call state - Call Held auxiliary state, a connection between user B and user C is established and the calls A-B and A-C are released. The call clearing procedure of the B-C connection is performed from user C.		
ISDN Parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:			

220503	ISDN ref. to: ETS 300 369-1 [20],	PLMN ref. to: ETS 300 557 [35], subclause 5.2
	subclause 9	E13 300 337 [33], subclause 3.2
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/ECT/TC220503
ISDN selection	ECT	
criteria:		
PLMN selection		
criteria:		
Test purpose:	User A is in network N1 and is provided with ECT using implicit linkage. User B and user C are in network N2. Ensure that when user A invokes ECT in which the call A-B is in the Active call state-Call Held auxiliary state and the call A-C is in the Call Delivered State a connection between user B and user C is established and the calls A-B and A-C are released. When network C receives a CONNECT message from user C, network C shall proceed with the basic call procedure for the user C. The call clearing procedure of the B-C connection is performed from user B.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

220504	ICDN and to	DI MAL mof. 4 a.
220504	ISDN ref. to:	PLMN ref. to:
	ETS 300 369-1 [20],	TTTG 200 555 (25)
	subclause 9	ETS 300 557 [35], subclause 5.2
TOO == (================================	ICDN DI MNI/Cumplementeni e	micro/Charach/FCT/TC222F04
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speecn/ECT/TC220504
ISDN selection	ECT	
criteria:		
PLMN selection		
criteria:		
Test purpose:	User A is in network N1 and is p	provided with ECT using implicit linkage. User B
	and user C are in network N2.	
	Ensure that when user A invokes ECT in which the call A-B is in the Active call state	
	and the call A-C is in the Call Delivered State - Call Held auxiliary state, a connection	
	between user B and user C is established and the calls	
	A-B and A-C are released. When network C receives a CONNECT message from user C,	
	network C shall proceed with the basic call procedure for the user C. The call clearing	
	procedure of the B-C connection is	s performed from user C.
ISDN Parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

220601	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 548 [34]
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/Call barring service/TC220601
ISDN selection criteria:		
PLMN selection criteria:	The Network B supports barring of all incoming calls (BAIC).	
Test purpose:	Ensure that when the called user activates barring of all incoming calls, call establishment is not possible and the network initiate call clearing to the calling user.	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:	EDITORS NOTE 3: The cause defined.	value with witch the call shall be rejected is not

220602	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	
		ETS 300 548 [34]
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/Call barring service/TC220602
ISDN selection		
criteria:		
PLMN selection	The Network B supports barring	of all incoming calls (BAIC) and barring of
criteria:	incoming calls when roaming ou	utside the home PLMN country (BIC-Roam). The
	MS is roaming outside the home	e PLMN country.
Test purpose:	Ensure that when the called user activates barring of incoming calls when roaming outside the home PLMN country was already activated, barring of incoming calls when roaming outside the home PLMN country will be deactivated and barring of all incoming calls will be activated. Call establishment is not possible and the network initiate call clearing to the calling user.	
ISDN parameter	BC=speech	
values:		
PLMN parameter		
values:		
Comments:	EDITORS NOTE 3: The cause defined.	value with witch the call shall be rejected is not
	defined.	

220701	ISDN ref. to: ETS 300 359-1, subclause 9.1.2	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.14	
TSS reference:	ISDN-PLMN/Supplementary_s	services/Speech/CCBS/TC220701	
ISDN selection criteria:	The user A is in network N1 ar service	The user A is in network N1 and has subscribed to the CCBS supplementary service	
PLMN selection criteria:	The user B is in the network N	The user B is in the network N2 and doesn't support CCBS.	
Test purpose:	User A calls busy user B. The network clears the incoming call with user busy (cause value # 17). User A's CCBS request is identified by the callLinkageID parameter. The network cannot accept user A's request identified by the callLinkageID parameter because CCBS is not available to the destination. The network A shall send a CCBS Request return error component indicating "longTermDenial" to user A.		
ISDN parameter values:	BC=speech		
PLMN parameter values:			
Comments:			

220801	ISDN ref. to: EN 300 065-1	PLMN ref. to:
	214 000 000 1	EN 300 065
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CCNR/TC220801
ISDN selection criteria:	The user A is in network N1 and has subscribed to the CCNR supplementary service	
PLMN selection criteria:	The user B is in the network N2 and doesn't support CCNR.	
Test purpose:	User A calls user B which doesn't answer the call.	
	User A's CCNR request is identified by the callLinkageID parameter. The network cannot accept user A's request identified by the callLinkageID parameter because CCNR is not available to the destination. The network A shall send a CCNR Request return error component indicating "longTermDenial" to user A.	
ISDN parameter values:	BC=speech	
PLMN parameter values:		
Comments:		

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220901	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	ETG 200 510
		ETS 300 519
	10001 010010	· /0
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/AoC/TC220901
ISDN selection		
criteria:		
PLMN selection	AoC	
criteria:		
Test purpose:	PLMN user B is provided with AoC-Charging and is using a mobile station which supports phase 2 supplementary services. ISDN user A calls user B. Ensure that the call establishment will be successful.	
ISDN parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

222222	10001	m
220902	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	
	211 000 100 1 [1]	ETS 300 519
		E15 300 31)
TSS reference:	ISDN-PLMN/Supplemen	tary_services/Speech/AoC/TC220901
ISDN selection criteria:		
PLMN selection	AoC	
criteria:		
Test purpose:	PLMN user B is provided with AoC-Charging and is using a mobile station which does not support phase 2 supplementary services. ISDN user A calls user B. Ensure that the network will initiate call clearing to the calling user with cause value #63 "service or option not available, unspecified"	
ISDN parameter	BC=speech	
values:		
PLMN parameter values:		
Comments:		

221001	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 517, ETS 300 545	
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/Speech/MPTY/TC221001	
ISDN selection criteria:	User A is in network N1	User A is in network N1	
PLMN selection criteria:	User B and user C are in network N2.		
Test purpose:	User A is calling user B. Ensure that the user B can establish a MPTY call to user A and user C. User B is terminating the entire multi party call.		
ISDN parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:			

221002	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	
		ETS 300 517, ETS 300 545
TSS reference:	ISDN-PLMN/Supplementary se	l rvices/Speech/MPTY/TC221002
Too reference.	Controller Controller	11/1000/00001//11/11/1002
ISDN selection	User A is in network N1	
criteria:		
PLMN selection	User B and user C are in network N2.	
criteria:		
Test purpose:	User A is calling user B. Ensure that the user B can establish a MPTY call to user B and C. The user A is clearing the remote party C. The call clearing procedure to user A is performed from user B.	
ISDN parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

221003	ISDN ref. to:	PLMN ref. to:	
22.000	EN 300 403-1 [1]		
	214 300 403 1 [1]	ETS 300 517, ETS 300 545	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/Speech/MPTY/TC221003	
ISDN selection	User A is in network N1		
criteria:			
PLMN selection	User B and user C are in netwo	User B and user C are in network N2.	
criteria:			
Test purpose:	User A is calling user B. Ensure that the user B can establish a MPTY call to user A and user C. Afterwards the remote party C disconnects itself from the call. The call clearing procedure to user B is performed from user A.		
ISDN parameter values:	BC=speech		
PLMN parameter	GSM-BC=speech		
values:	•		
Comments:			

221004	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 517, ETS 300 545
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/MPTY/TC221004
ISDN selection criteria:	User A is in network N1	
PLMN selection criteria:	User B and user C are in network N2.	
Test purpose:	User A is calling user B. Ensure that the user B can establish a MPTY call to user A and user C. Afterwards the user B separates the remote user A from the multiparty call which is placed on hold (A-B ACTIVE / MPTY HELD). User B invokes the MPTY service and join the single active call and the held MPTY together. User B is terminating the entire multi party call.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

6.2.2.2 Bearer capability "UDI"

Supplementary services	
UDI	

230101	ISDN ref. to: ETS 300 092-1 [6], subclause 9.3, EN 300 403-1 [1], subclause 4.5.10,	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9 ETS 300 565 [36], subclause 1,
	subclause 4.5.11	ETS 300 542 [57] , subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CLIP/TC230101
ISDN selection criteria:	CLIP	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "subscriber number", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, Calling party number: PI=PA SI=UPVP, TON=subscriber number	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Calling party number: PI=PA SI=UPVP, TON= national / international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		

230102	ISDN ref. to: ETS 300 092-19.3 EN 300 403-1 [1], subclause 4.5.10, subclause 4.5.11	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9 ETS 300 565 [36], subclause 1
		ETS 300 542 [57] , subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CLIP/TC230102
ISDN selection criteria:	CLIP	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "national number", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, Calling party number: PI=PA SI=UPVP, TON= national number	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Calling party number: PI=PA, SI=UPVP, TON= national / international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		

230103	ISDN ref. to: ETS 300 092-1 [6],	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9	
	subclause 9.3 EN 300 403-1 [1], subclause 4.5.10, subclause 4.5.11	ETS 300 565 [36], subclause 1 ETS 300 542 [57], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CLIP/TC230103		
ISDN selection criteria:	CLIP		
PLMN selection criteria:	The called user is provided with CLIP		
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "international number", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.		
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, Calling party number: PI= PA, SI=UPVP, TON=international number		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Calling party number PI=PA, SI=UPVP, TON= national / international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
Comments:			

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230104	ISDN ref. to: ETS 300 092-1 [6], 9.3 EN 300 403-1 [1], subclause 4.5.10, subclause 4.5.11	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9 ETS 300 565 [36], subclause 1 ETS 300 542 [57], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CLIP/TC230104		
ISDN selection criteria:	CLIP		
PLMN selection criteria:	The called user is provided with CLIP		
Test purpose:	Ensure that when Calling party number is provided by the calling user, Type of number "unknown", with Calling party subaddress, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.		
ISDN parameter values:	BC= UDI with V.110/X.30 rate adaption, Calling party number: PI=PA SI=UPVP, TON=unknown		
PLMN parameter values:	GSM-BC= UDI with V.110/X.30 rate adaption, Calling party number: PI=PA SI=UPVP, TON= national / international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
Comments:			

230105	ISDN ref. to: ETS 300 092-1 [6], subclause 9.3 EN 300 403-1 [1], subclause 4.5.10	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9, subclause 10,5.4.10 ETS 300 565 [36], subclause 1	
		ETS 300 542 [57], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CLIP/TC230105		
ISDN selection criteria:	CLIP		
PLMN selection criteria:	The called user is provided with CLIP		
Test purpose:	Ensure that when no Calling party number information element is provided by the calling user, (and no Calling party subaddress), the Calling party number information element is network provided and correctly delivered to the called (served) user.		
ISDN parameter values:	BC= UDI with V.110/X.30 rate adaption		
PLMN parameter values:	GSM-BC= UDI with V.110/X.30 rate adaption, Calling party number : SI=NP, TON= national / international number, PI=PA, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
Comments:			

230201	ISDN ref. to: ETS 300 093-1 [7] subclause 9.4.1 ETS 300 092-1 [6] /A2 Fig2	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9, subclause 10.5.4.10 ETS 300 565 [36], subclause 1 ETS 300 542 [57], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CLIR/TC230201		
ISDN selection criteria:	CLIR		
PLMN selection criteria:	The called user is provided with CLIP		
Test purpose:	The calling user is provided with CLIR permanent mode subscription. Ensure that when the Calling party number is provided by the calling user, with Calling party subaddress, the Calling party number information element is delivered to the called user without any digit information. The Calling party subaddress shall not be present		
ISDN parameter values:	BC= UDI with V.110/X.30 rate adaption, Calling party number: PI=PR, TON=unknown, NPI=unknown		
PLMN parameter values:	GSM-BC= UDI with V.110/X.30 rate adaption, Calling party number: PI=PR, SI=NP, TON=unknown, NPI=unknown		
Comments:			

230202	ISDN ref. to: ETS 300 093-1 [7] subclause 9.4.1 ETS 300 092-1 [6] /A2 Fig2	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9, subclause 10.5.4.10 ETS 300 565 [36], subclause 1 ETS 300 542 [57], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CLIR/TC230202
ISDN selection criteria:	CLIR	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	The calling user is provided with CLIR permanent mode subscription. Ensure that when no Calling party number is provided by the calling user (and no Calling party subaddress), the Calling party number information element is network provided and delivered to the called user without any digit information.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption,	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Calling party number: PI=PR, SI=NP, TON=unknown, NPI=unknown	
Comments:		

230301	ISDN ref. to: ETS 300 097-1 [8], subclause 9.5.1	PLMN ref. to: ETS 300 557 [35] subclause 9.3.5.2, subclause 10.5.4.14 ETS 300 565 [36], subclause 3, ETS 300 542 [57], subclause 3	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/COLP/TC230301	
ISDN selection criteria:	The calling user is provided wit	The calling user is provided with COLP	
PLMN selection criteria:	COLP		
Test purpose:	Ensure that when the Connected subaddress number is provided by the called user, the Connected number and Connected subaddress information elements are correctly delivered to the calling (served) user.		
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, Connected number: PI=PA, SI=NP, TON= national /international number, NPI= NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25]) Connected subaddress		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Connected subaddress		
Comments:			

230302	ISDN ref. to ETS 300 097-1 [8], subclause 9.5.1	PLMN ref. to: ETS 300 557 [35], subclause 9.3.5.2, subclause 10.5.4.14 ETS 300 565 [36], subclause 3 ETS 300 542 [57], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/COLP/TC230302
ISDN selection criteria:	Calling user is provided with COLP	
PLMN selection criteria:	COLP	
Test purpose:	Ensure that when no Connected subaddress is provided by the called user, the Connected number information element is network provided and correctly delivered to the calling (served) user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, Connected number: SI=NP, PI=PA,TON= national / international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

230401	ISDN ref. to: ETS 300 098-1 [9], subclause 9.3.1, subclause 9.4.1 ETS 300 097-1 [8] /A2 Fig 4	PLMN ref. to: ETS 300 557 [35], subclause 9.3.5.2, subclause 10.5.4.14 ETS 300 565 [36], subclause 4, ETS 300 542 [57], subclause 4
TSS reference:	ISDN-PLMN/Supplementary_s	ervices/UDI/COLR/TC230401
ISDN selection criteria:	The calling user is provided with COLP	
PLMN selection criteria:	COLR	
Test purpose:	The called (served) user is provided with COLR permanent mode subscription Ensure that when no Connected subaddress is provided by the called user, the Connected number information element is network provided and delivered to the calling user without any digit information.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, Connected number PI=PR, SI=NP, TON=unknown, NPI=unknown	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

230501	ISDN ref. to: ETS 300 138-1 [10], subclause 9.2.2,	PLMN ref. to: ETS 300 546 [33]
	subclause 9.2.4	ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_so	ervices/UDI/CUG/TC210501
ISDN selection criteria:	CUG supplementary options: n	ot OA; not ocb; not Pref. CUG
PLMN selection criteria:	Calling user and called user be CUG supplementary options: IA;	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.	
ISDN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility IE with cUGCall invoke component:	
		OARequested set to TRUE
		CUG Index included
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))	
Comments:		

230502	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10], subclause 9.2.2, subclause 9.2.4	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230502
ISDN selection criteria:	The calling user belongs to a C options: OA ; not ocb ; not Pref	UG with the following CUG supplementary . CUG
PLMN selection criteria:	The called user belongs to the options: IA; not ICB	same CUG with the following CUG supplementary
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the called user receives a SETUP message. A Facility IE may be passed to the MS which contains an CUG index associated with the invoked CUG.	
ISDN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	Facility IE with cUGCall invoke component:	
		OARequested set to TRUE
		CUG Index included
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 Index))	rate adaption; Facility (Invoke =NotifySS (CUG-
Comments:		

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230503	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	EEE 200 546 [22]
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	ETS 300 569 [39]
T00 =={=================================	ICDNI DI MNI/Cumplementeni e	m de co / LIDL/CLIC /TC220502
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230503
ISDN selection	The calling user belongs to a C	UG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pref	. CUG
PLMN selection	The called user belongs to the	same CUG with the following CUG supplementary
criteria:	options: IA; ICB	,
Test purpose: ISDN parameter values:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG". BC=UDI with V.110/X.30 rate adaption;	
	Facility IE with cUGCall invoke component:	
		OARequested set to TRUE
		CUG Index included
PLMN parameter		
values:		
Comments:		

230504	ISDN ref. to:	PLMN ref. to:
230304		FLIVIN IEI. TO:
	ETS 300 138-1 [10],	ETS 300 546 [33]
	subclause 9.2.2,	E13 300 340 [33]
	subclause 9.2.4	ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementa	ary_services/UDI/CUG/TC230504
ISDN selection	The calling user belongs t	o a CUG with the following CUG supplementary
criteria:	options: OA; not ocb; not	
PLMN selection		the same CUG with the following CUG supplementary
criteria:	options: IA; not ICB	
T (English that the state of the	
Test purpose:		ing user belongs to a CUG with outgoing access is
	allowed, not outgoing calls barred within the CUG and not preferential CUG and	
	the called user belongs to the same CUG with incoming access allowed and not	
	incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to	
	TRUE, CUG Index not included,	
	TRUE, COG index not included,	
	the called user receives a	SETUP message.
	die carros aser recerves a	22101 message.
ISDN parameter	BC=UDI with V.110/X.30 rate adaption;	
values:	· ·	
	Facility IE with cUGCall invoke component:	
		OARequested set to TRUE
		CUG Index not included
		COG maex not menadea
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	22 1110/100 rate adaption,	
Comments:		
	·	

230505	ISDN ref. to:	PLMN ref. to:
230505	1.02111011101	PLIVIN ref. to:
	ETS 300 138-1 [10] subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230505
ISDN selection criteria:	The calling user belongs to a Cooptions: OA ; not ocb ; not Pref	UG with the following CUG supplementary . CUG
PLMN selection criteria:	The called user is not a CUG s	ubscriber.
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, the network initiate call clearing to the calling user with cause value 29 "Facility rejected", return error value "userNotMemberOfCUG".	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption; Facility IE with cUGCall invoke component:	
		OARequested set to TRUE CUG Index included
PLMN parameter values:	_	
Comments:		

230506	ISDN ref. to: ETS 300 138-1 [10], subclause 9.2.3	PLMN ref. to: ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230506
ISDN selection criteria:	Calling user is not member of 0	CUG
PLMN selection criteria:	The called user belongs to CUG with the following CUG supplementary options: not IA; not ICB	
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a cUGCall invoke component the network initiate call clearing to the calling user with cause value # "87 user not a member of CUG".	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:		
Comments:		

230507	ISDN ref. to:	PLMN ref. to:
200007	ETS 300 138-1 [10],	Limit for to:
	subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230507
ISDN selection		UG with the following CUG supplementary
criteria:	options: not OA; not ocb; not	Pref. CUG
PLMN selection criteria:	The called user is not member	of CUG.
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value 29 "Facility rejected", return error value "userNotMemberOfCUG".	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption;	
values:	Facility IE with cUGCall invoke component:	
		OARequested set to TRUE CUG Index included
PLMN parameter values:		
Comments:		

230508	ISDN ref. to: ETS 300 138-1 [10], subclause 9.2.2	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]
	LODAL BLANKO	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230508
ISDN selection criteria:	The calling user belongs to a C options: OA ; not ocb ; not Pre	UG with the following CUG supplementary f. CUG
PLMN selection criteria:	The called user belongs to the supplementary options: not IA ;	same CUG with the following CUG ICB
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to TRUE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG".	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption;	
values:	Facility IE with cUGCall invoke component:	
		OARequested set to TRUE CUG Index included
PLMN parameter values:		
Comments:		

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230509	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	TTTG 000 745 500)
	subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230509
ISDN selection	The calling user belongs to a C	UG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pre	
PLMN selection	The called user belongs to the	same CUG with the following CUG
criteria:	supplementary options: not IA;	ICB
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to FALSE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG".	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption;	
values:	Facility IE with cUGCall invoke component:	
		OARequested set to FALSE CUG Index included
PLMN parameter values:		
Comments:		

230510	ISDN ref. to: ETS 300 138-1 [10], subclause 9.2.2, subclause 9.2.4	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230510
ISDN selection criteria:	The calling user belongs to a C options: OA ; not ocb ; not Pref	UG with the following CUG supplementary . CUG
PLMN selection criteria:	The called user belongs to the options: IA ; ICB	same CUG with the following CUG supplementary
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to FALSE, CUG Index included, call establishment is not possible and the network initiate call clearing to the calling user with cause value # 29 "Facility rejected", return error value "incomming CallsBarredWithinCUG".	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption; Facility IE with cUGCall invoke component: OARequested set to FALSE CUG Index included	
PLMN parameter values:		
Comments:		

230511	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	ETS 300 569 [39]
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CUG/TC230511
ISDN selection criteria:	CUG supplementary options: n	ot OA; not OCB; not Pref. CUG
PLMN selection	Calling user and called user be	long to the same CUG;
criteria:	CUG supplementary options: not	IA; not ICB
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with a Facility IE containing a cUGCall invoke component with OARequested set to FALSE, CUG Index included, the called user receives a SETUP message with a Facility IE which contains a CUG	
	index associated with the invoked CUG.	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption;	
values:	Facility IE with cUGCall invoke component:	
	OARequested set to FALSE CUG Index included	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	Facility (Invoke =NotifySS (C	UG-Index))
Comments:		

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230601	ISDN ref. to:	PLMN ref. to:
	ETS 300 061-1 [11]	
	subclause 9.2	ETS 300 557 [35], subclause 9.3.23.1.5
	EN 300 403-1 [1],	
	subclause 4.5.9	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/SUB/TC230601
ISDN selection	SUB	
criteria:		
PLMN selection	The called (served) user is provided with SUB	
criteria:		
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user, the Called party subaddress is correctly delivered to the called (served) user	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption	
values:		'
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:		
Comments:		

230602	ISDN ref. to: ETS 300 061-1 [11], subclause 9.2	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.1.5
	EN 300 403-1 [1], subclause 4.5.9	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/SUB/TC230602
ISDN selection criteria:	SUB	
PLMN selection criteria:	The called (served) user is provided with SUB	
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user with length = minimum, the Called party subaddress is correctly delivered to the called (served) user without any digit information	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

230701	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	
		ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_s	services/UDI/CFU/TC230701
ISDN selection criteria:	Call to a forwarding subscriber	(CFU)
PLMN selection criteria:	The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = Yes). (Note 2)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C.	
	TT A: (C. 1 C. 11 I)	
	User A is notified of call diversion. User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	ssage with the information that the incoming can is a
	lorwarded carr.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 r	ate adaption;
values:		,
	C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter	CFU active	
values:		
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).	
		not the ability to decide if the indication that the is released to the diverted-to user.

230702	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplement	ary_services/UDI/CFU/TC230702	
ISDN selection criteria:	Call to a forwarding subs	criber (CFU)	
PLMN selection criteria:		The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = No). (Note 2)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is not notified of call diversion and not informed of the diverted-to number. User C receives a SETUP message with the information that the incoming call is a forwarded call.		
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;		
PLMN parameter values:	CFU active		
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		

230801	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFB/TC230801
ISDN selection criteria:	Call to a forwarding subscriber (CFB)	
PLMN selection criteria:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = Yes ;). (Note 2)	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion. User C receives a SETUP message with the information that the incoming call is a forwarded call.	
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:	CFB-UDUB active	

EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15)
The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.

230802	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.2, subclause 9.2.4.3,	,
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFB/TC230802
ISDN selection criteria:	Call to a forwarding subscriber (CFB)	
PLMN selection criteria:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = No). (Note 2)	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A is not notified of call diversion and not informed of the diverted-to number.	
	User C receives a SETUP message with the information that the incoming call is a forwarded call.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter	CFB-UDUB active	
values:		
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).	
	The served mobile subscriber has rincoming call is a forwarded call is	not the ability to decide if the indication that the released to the diverted-to user.

230803	ISDN ref. to:	PLMN ref. to:
200000	ETS 300 207-1 [15]	Limit for to:
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	prices/LIDI/CED/TC220902
1 55 reference:	15DN-PLIVIN/Supplementary_se	91VICES/UDI/CFB/1C230803
ISDN selection criteria:	Call to a forwarding subscriber	(CFB)
PLMN selection	The user B is in network N2 and	d is provided with CFB- NDUB ("calling user is
criteria:		"notification to forwarding subscriber" = Yes).
	(Note 2)	inclined along to remaining education = 100).
	,	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A is notified of call divers	ion
	Oser A is notified of call diversion.	
	User B is notified of call diversion.	
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	sage with the information that the incoming call is a
	Torwarded carr.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 ra	te adaption;
values:		
	C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter	CFB-NDUB active	
values:	01 5 11505 doll'0	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding	
Comments.	Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
	ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to	
	ETS 300 356-15).	
	The served mobile subscriber has not the ability to decide if the indication that the	
	incoming call is a forwarded call is	released to the diverted-to user.

230804	ISDN ref. to:	PLMN ref. to:	
200004	ETS 300 207-1 [15]	Limit for to.	
	subclause 9.2.2,	ETS 300 566 [37], subclause 2	
	subclause 9.2.4.3,	,	
	subclause 9.2.5	ETS 300 543 [31], subclause 2	
TSS reference:	ISDN-PLMN/Supplemer	ntary_services/UDI/CFB/TC230804	
ISDN selection criteria:	Call to a forwarding sub	Call to a forwarding subscriber (CFB)	
PLMN selection criteria:	The user B is in network N2 and is provided with CFB- NDUB ("calling user is notified of call diversion" = No ; "notification to forwarding subscriber" = No). (Note 2)		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.		
	User A is not notified of call diversion and not informed of the diverted-to number.		
	User B is not notified of call diversion.		
	User C receives a SET forwarded call.	UP message with the information that the incoming call is a	

ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;
PLMN parameter values:	CFB-NDUB active
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15) The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.

230901	ISDN ref. to:	PLMN ref. to:
230901		FLIVIN IEI. LO.
	ETS 300 207-1 [15], subclause	ETS 300 566 [37], subclause 3
	9.2.2,	215 500 500 [57], succidese 5
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFNRy/TC230901
ISDN selection	Call to a forwarding subscriber	(CFNRy)
criteria:		
PLMN selection	The user B is in network N2 and	d is provided with CFNRy ("calling user is notified
criteria:	of call diversion" = Yes , "notification"	ation to forwarding subscriber" = Yes). (Note 2)
Test purpose:	Ensure that when user A calls u	ser B, if unanswered, the call is forwarded to user
	C.	
	TY A: ('C' 1 C 11 1'	
	User A is notified of call diversion. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User B is notified of call diversion.	
	Ligar C manaixag a SETLID mas	sage with the information that the incoming call is a
	forwarded call.	sage with the information that the incoming can is a
	Tot warded can.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 ra	te adaption;
values:	C: ? BC=UDI with V.110/X.30 rate adaption;	
	C: : BC=0D1 with v.110/A.301a	e adaption,
PLMN parameter	CFNRy active	
values:		
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding	
	Supplementary_services are no	t in line with the pr ETS 300 646-1, item 6.1.1.10 ange according to ETS 300 356-15).
	The served mobile subscriber has	eat the chility to decide if the indication that the
	incoming call is a forwarded call is	not the ability to decide if the indication that the released to the diverted-to user.

230902	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],		
	subclause 9.2.2,	ETS 300 566 [37], subclause 3	
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFNRv/TC230902	
	., , , , , , , , , , , , , , , , , , ,	,	
ISDN selection criteria:	Call to a forwarding subscriber	(CFNRy)	
PLMN selection	The user B is in network N2 and	d is provided with CFNRy ("calling user is notified	
criteria:	of call diversion" = No "notificati	on to forwarding subscriber" = No). (Note 2)	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C.		
	User A is not notified of call diversion and not informed of the diverted-to number.		
	User B is not notified of call diversion.		
	User C receives a SETUP message with the information that the incoming call is a		
	forwarded call.		
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;		
values:	C: ? BC=UDI with V.110/X.30 rate adaption;		
PLMN parameter	CFNRy active		
values:			
Comments:	Supplementary_services are no	and 3 descriptions of the call forwarding of in line with the pr ETS 300 646-1, item 6.1.1.10 ange according to ETS 300 356-15)	
	The served mobile subscriber has rincoming call is a forwarded call is	not the ability to decide if the indication that the s released to the diverted-to user.	

004004	IODAL C. C.	DI MAL (. c.
231001	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/CFNRc/TC231001
ISDN selection criteria:	Call to a forwarding subscriber ((CFNRc)
PLMN selection		is provided with CFNRc ("calling user is notified
criteria:	of call diversion" = Yes). (Note 2	2)
Test purpose:	Ensure that when user A calls user B, if detached , the call is forwarded to user C.	
	User A is notified of call divers	ion.
	User C receives a SETUP mess forwarded call.	sage with the information that the incoming call is a
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? BC=UDI with V.110/X.30 rat	ee adaption;
PLMN parameter	CFNRc active, the user is detached	
values:		

Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding
	Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10
	(MSC acts like a diverting exchange according to ETS 300 356-15). The served
	mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.

231002	ISDN ref. to:	PLMN ref. to:
201002	ETS 300 207-1 [15],	Limit foliato.
	subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.2, subclause 9.2.4.4,	
	subclause 9.2.4.4,	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFNRc/TC231002
ISDN selection criteria:	Call to a forwarding subscriber	(CFNRc)
PLMN selection	The user B is in network N2 and	d is provided with CFNRc ("calling user is notified
criteria:	of call diversion" = No). (Note 2	
	, ,	
Test purpose:	Ensure that when user A calls user B, if detached the call is forwarded to user C.	
	0.	
	User \mathbf{A} is not notified of call diversion and not informed of the diverted-to number.	
	User C receives a SETUP message with the information that the incoming call is a	
	forwarded call.	
	Torwarded carr.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 ra	te adaption;
values:		
	C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter	CFNRc active, the user is detached	
values:	, and the second	
Comments:	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding	
	Supplementary services are not in line with the pr ETS 300 646-1, item 6.1.1.10	
	(MSC acts like a diverting excha	ange according to ETS 300 356-15). The served
		bility to decide if the indication that the incoming
	call is a forwarded call is release	

231101	ICDN rof to:	DI MN rof to	
231101	ISDN ref. to:	PLMN ref. to:	
	ETS 300 286-1 [13],		
	subclause 9.1.1.1,	ETS 300 557 [35], subclause 10.5.4.25,	
	subclause 9.1.2.1		
	EN 300 403-1 [1],		
	subclause 4.5.30		
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS1/TC231101	
ISDN selection	The calling (served) user is prov	vided with UUS1 implicit request	
criteria:		· ·	
PLMN selection	UUS1i		
criteria			
Test purpose:	Ensure that the network can tra	Ensure that the network can transport a User-user information element included	
	in the SETUP message sent fro	m the calling user and delivered in the SETUP	
	message sent by the network to	the called user	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption, UI length=32		
values:			
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32		
values			
Comments:			

231102	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.1	ETS 300 557 [35], subclause 10.5.4.25
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/UUS1/TC231102
ISDN selection criteria:	The calling (served) user is prov	vided with UUS1 implicit request
PLMN selection	UUS1i	
criteria		
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the CONNECT message sent from the called user to the calling user	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
values:		
Comments:		

004400	DI MAL (DI MAL (. (.
231103	PLMN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.2.1a	ETS 300 557 [35], subclause 10.5.4.25
	EN 300 403-1 [1],	
	subclause 4.5.30	
		: // IDI// II IOA/TOOO 4400
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/UUS1/TC231103
ISDN selection criteria:	The calling (served) user is provided with UUS1 implicit request	
PLMN selection	UUS1i	
criteria:		
Test purpose:	Ensure that after implicit activation of UUS1 and with the call in the active state, the network can transport a User-user information element included in a call clearing DISCONNECT message sent from the calling user and delivered in the DISCONNECT message sent by the network to the called user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter values	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
Comments:		

231104	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13]	
	subclause 9.1.2.2.1b	ETS 300 557 [35], subclause 10.5.4.25
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS1/TC231104
ISDN selection	The calling (served) user is prov	vided with UUS1 implicit request
criteria:		·
PLMN selection	UUS1i	
criteria		
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in premature clearing RELEASE COMPLETE message sent from the called user and delivered in the DISCONNECT message sent by the network to the calling user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
values		
Comments:		

004405	IODNI C.		
231105	ISDN ref. to:	PLMN ref. to:	
	ETS 300 286-1 [13]		
	subclause 9.1.1.2.2	ETS 300 557 [35], 10.5.4.25	
	EN 300 403-1 [1], subclause 7		
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS1/TC231105	
ISDN selection	The calling (served) user is prov	vided with UUS1 implicit request.	
criteria:			
PLMN selection	UUS1i	UUS1i	
criteria:			
Test purpose:	The requested UUS is not supported in Network B		
	Verify that UUI can be discarded b	by the network without disrupting normal call handling	
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption, UI length=32		
values:		•	
PLMN parameter	BC=UDI with V.110/X.30 rate adaption		
values:			
Comments:			

231201	ICDN rof to	DI MNI vot 40.
231201	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15]	ETTS 200 566 [27] 1 1 1
	subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	EFEG 200 542 5213 1 1 1
		ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PI MN/Supplementary se	rvices/UDI/CFU_CLI_COL/TC231201
Too reference.	logit i Elvii (Joappioliioniary_oc	111000,00,00
ISDN selection	The user A and the user C are i	n network N1. User A is provided with COLP,
criteria:	user C is provided with CLIP.	,
PLMN selection	The user B is in network N2 pro	vided with CFU ("calling user is notified of call
criteria:	diversion" = Yes). (Note 2)	, •
	, , ,	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C.	
	User A is notified of call divers	ion.
	1	d-to number is allowed accordance with the COLR
	supplementary service of the diverted-to user.	
	User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion	
	with the presentation indicator set t	to "presentation allowed".
ISDN parameter	A. I PC_LIDL with \/ 110/Y 20 rate adaption:	
values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
values:		
	C. Be-obi with V.110/A.30 lan	a udupuon,
PLMN parameter	CFU active	
values:		
values.	1	

Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

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231202	ISDN ref. to: ETS 300 207-1 [15] subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFU_CLI_COL/TC231202
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with COLR and CLIP.	
PLMN selection criteria:	The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = Yes).(Note 2)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is notified of call diversion. The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user. User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".	
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:	CFU active	

Comments:	User A is notified of call diversion with a Notification indicator IE contained in
	a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT,
	INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user.
	The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231203	ISDN ref. to: ETS 300 207-1 [15] subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary	ISDN-PLMN/Supplementary_services/UDI/CFU/TC231203	
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.		
PLMN selection criteria:	The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = No) and CLIR . (Note 2)		
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is not notified of call diversion and not informed of the diverted-to number. User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".		
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;		
PLMN parameter values:	CFU active		

Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231301	ISDN ref. to: ETS 300 207-1 [15] subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CFB_CLI_COL/TC231301	
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = Yes ;). (Note 2)	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified of call diversion. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".	
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:	CFB-UDUB active	

Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed"
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15)
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

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231302	ISDN ref. to: ETS 300 207-1 [15] subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFB_CLI_COL/TC231302
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with COLR and CLIP.	
PLMN selection criteria:	The user B is in network N2 provided with CFB- UDUB ("calling user is notified of call diversion" = Yes).(Note 2)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is notified of call diversion. The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user. User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".	
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:	CFB-UDUB active	

Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user.
	The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231303	ISDN ref. to: ETS 300 207-1 [15] subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2	
TSS reference:	ISDN-PLMN/Supplementary_s	ISDN-PLMN/Supplementary_services/UDI/CFB_CLI_COL/TC231303	
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.		
PLMN selection criteria:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = No) and CLIR . (Note 2)		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is not notified of call diversion and not informed of the diverted-to number. User C can receive <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".		
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;		
PLMN parameter values:	CFB-UDUB active		

Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231304	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15] subclause 9.2.2,	ETS 300 566 [37], subclause 2	
	subclause 9.2.4.3, subclause 9.2.5	ETS 300 543 [31], subclause 2	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFB_CLI_COL/TC231304	
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.		
PLMN selection criteria:	The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = Yes; "notification to forwarding subscriber" = Yes). (Note 2)		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.		
	User A is notified of call diversion.		
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user.		
	User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".		
	User B is notified of call diversion.		
ISDN parameter			
values:	C: ? BC=UDI with V.110/X.30 rate adaption;		
PLMN parameter values:	CFB-NDUB active		

Comments:	User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS(state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

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231305	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],		
	subclause 9.2.2,	ETS 300 566 [37], subclause 1	
	subclause 9.2.5		
		ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFB_CLI_COL/TC231305	
ISDN selection	The user A and the user C are	in network N1. User A is provided with CLIR and	
criteria:	COLP, user C is provided with		
Criteria.	OOLI , user o is provided with	OCEN and CEN .	
PLMN selection	The user B is in network N2 pro	ovided with CFB-NDUB ("calling user is notified of	
criteria:		on to forwarding subscriber" = Yes). (Note 2)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user		
' '	C.		
	User A is notified of call diver	User A is notified of call diversion	
	The second of the first of the second of the		
	The presentation of the diverted-to number is not allowed accordance with the COLR		
	supplementary service of the diverted-to user.		
	Hard on the first of the Hard		
	User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion		
	with the presentation indicator set to "presentation allowed".		
	User B is notified of call diversion.		
	Oser b is nounted of call divers	DIUII.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;		
values:	7.1. 20 CD. Mai. VII 10/XIOO Idio daapiioli,		
	C: ? BC=UDI with V.110/X.30 rate adaption;		
		* '	
PLMN parameter	CFB-NDUB active		
values:			

Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user.
	The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

224200	ICDN mef. to:	DI MAL mof. 4 a.s.
231306	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15]	ETTG 200 566 [27] 1 1 2
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	ETTG 200 542 [21] 1 1 2
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFB_CLI_COL/TC231306
ISDN selection criteria:	The user A and the user C are user C is provided with CLIP.	in network N1. User A is provided with COLP,
o. nona.		
PLMN selection criteria:	The user B is in network N2 and is provided with CFB-NDUB ("calling user is notified of call diversion" = No;"notification to forwarding subscriber" = No) and	
	CLIR. (Note 2)	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A is not notified of call diversion and not informed of the diverted-to number.	
	User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion	
	with the presentation indicator set to "presentation restricted".	
	User B is not notified of call diversion.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? BC=UDI with V.110/X.30 ra	te adaption;

PLMN parameter values:	CFB-NDUB active
Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15)
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231401	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9. 2.2, subclause 9.2.4.4, subclause 9.2.5	ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CFNRy_CLI_COL/TC231401	
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria:	The user B is in network N2 and is provided with CFNRy ("calling user is notified of call diversion" = Yes , "notification to forwarding subscriber" = Yes). (Note 2)	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C. User A is notified of call diversion. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed" User B is notified of call diversion.	
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:	CFNRy active	

Comments:	User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed"
	User B is notified with a NOTIFY (Invoke = NotifySS [CFNRy, SS-Notification]) message of call diversion.
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231402	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15],		
	subclause 9.2.2,	ETS 300 566 [37], subclause 1	
	subclause 9.2.5		
		ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary se	ervices/UDI/CFNRy_CLI_COL/TC231402	
	lest i sim , supplementary_or	5111656, 62 % 61 141 (y_621_662_1 1 626 1 162	
ISDN selection	The user A and the user C are in network N1. User A is provided with CLIR and		
criteria:	COLP, user C is provided with	COLP, user C is provided with COLR and CLIP.	
PLMN selection	The user B is in network N2 pro	ovided with CFNRy ("calling user is notified of call	
criteria:	diversion" = Yes, "notification to	o forwarding subscriber" = Yes).(Note 2)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user		
	C.		
	User A is notified of call diversion.		
	The presentation of the diverted-to number is not allowed accordance with the COLR		
	supplementary service of the diverted-to user.		
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving		
	the reason for call diversion with the presentation indicator set to "presentation allowed".		
		F	
	User B is notified of call divers	sion.	
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;		
values:			
	C: ? BC=UDI with V.110/X.30 ra	te adaption;	
PLMN parameter	CFNRy active		
values:			
•	.		

Comments:	User A is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user.
	The Redirection number IE with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	User B is notified with a FACILITY (Invoke = NotifySS [CFNRy, SS-Notification]) message of call diversion.
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231403	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4,	
	subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary se	ervices/UDI/CFNRy_CLI_COL/TC231403
Too reference.	lobivi Livii voappiementary_sc	111003/001/01 11(ty_021_002/10201400
ISDN selection		n network N1. User A is provided with COLP,
criteria:	user C is provided with CLIP.	
PLMN selection	The user B is in network N2 and	d is provided with CFNRy ("calling user is notified
criteria:		on to forwarding subscriber" = No) and CLIR.
	(Note 2)	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user	
	C.	
	User A is not notified of call diversion and not informed of the diverted-to number.	
	User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion	
	with the presentation indicator set to "presentation restricted".	
	User B is not notified of call diversion.	
	User B is not notified of call di	version.
ISDN parameter	A: ! BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? BC=UDI with V.110/X.30 rate adaption;	
	C. BC-0D1 with V.110/A.301a	ic adaption,

PLMN parameter	CFNRy active		
values:			
Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.		
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".		
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15)		
	The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.		
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.		

231501	ISDN ref. to:	PLMN ref. to:
201001	EN 300 403-1 [1], subclause 9. 2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/CFNRc_CLI_COL/TC231501
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria:	The user B is in network N2 and is provided with CFNRc ("calling user is notified of call diversion" = Yes). (Note 2)	
Test purpose:	Ensure that when user A calls user B, if detached, the call is forwarded to user C. User A is notified of call diversion. The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".	
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values:	CFNRc active, the user is detached	

Comments:	User A is notified of call diversion with a Notification indicator IE contained a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.
	The presentation of the diverted-to number is allowed accordance with the COLR supplementary service of the diverted-to user. The Redirection number IE with the presentation indicator can be contained in the ALERTING, CONNECT, NOTIFY, INFORMATION or PROGRESS (state N03), CONNECT, NOTIFY, INFORMATION or PROGRESS (state N04) message.
	User C can receive a SETUP message containing one <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.
	The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

231502	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_services/UDI/CFNRc_CLI_COL/TC231502		
ISDN selection criteria:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with COLR and CLIP.		
PLMN selection criteria:	The user B is in network N2 provided with CFNRc ("calling user is notified of call diversion" = Yes).(Note 2)		
Test purpose:	Ensure that when user A calls user B, if detached the call is forwarded to user C. User A is notified of call diversion. The presentation of the diverted-to number is not allowed accordance with the COLR supplementary service of the diverted-to user. User C can receive the <i>Redirecting number</i> IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".		
ISDN parameter values:	A: ! BC=UDI with V.110/X.30 rate adaption; C: ? BC=UDI with V.110/X.30 rate adaption;		
PLMN parameter values:	CFNRc active, the user is detached		

Comments:

User **A** is notified of call diversion with a Notification indicator IE contained in a NOTIFY or CALL PROCEEDING (state N01), ALERTING, PROGRESS, CONNECT, INFORMATION or NOTIFY (state N03), PROGRESS, CONNECT, INFORMATION or NOTIFY (state N04) message.

The presentation of the diverted-to number is **not** allowed accordance with the COLR supplementary service of the diverted-to user.

The **Redirection number IE** with the numbering identification field and the type of number field set to "unknown", without a number digits field and the presentation indicator either set to "presentation restricted" can be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message.

User C can receive a SETUP message containing one *Redirecting number* IE giving the reason for call diversion with the presentation indicator set to "presentation allowed".

EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 ETS 300 646-1, item 6.1.1.10 (MSC acts like a diverting exchange according to ETS 300 356-15).

The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user.

The setting of the <u>redirecting number</u> to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.

224502	ICDN ref to:	DI MNI ref. to:
231503	ISDN ref. to: ETS 300 207-1 [15],	PLMN ref. to:
	subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4,	
	subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/CFNRc_CLI_COL/TC231503
ISDN selection criteria:	The user A and the user C are user C is provided with CLIP.	in network N1. User A is provided with COLP,
PLMN selection criteria:	The user B is in network N2 and of call diversion" = No) and CLI	d is provided with CFNRc ("calling user is notified R.(Note 2)
Test purpose:	Ensure that when user A calls u	user B, if detached the call is forwarded to user C.
		version and not informed of the diverted-to number.
	User C can receive the <i>Redire</i> with the presentation indicator set	cting number IE giving the reason for call diversion to "presentation restricted".
ISDN parameter	A: ! BC=UDI with V.110/X.30 ra	ate adaption;
values:	C: ? BC=UDI with V.110/X.30 rate adaption;	
DI MNI manamatan	-	
PLMN parameter values:	CFNRc active, the user is detached	
Comments:	User A is not notified of call diversion and not informed of the diverted-to number. The Redirection number IE shall not be included in the ALERTING, CONNECT, NOTIFY or INFORMATION (state N03), CONNECT, NOTIFY or INFORMATION (state N04) message. User C can receive a SETUP message containing one Redirecting number IE giving the reason for call diversion with the presentation indicator set to "presentation restricted".	
	EDITORS NOTE 2: Stage 1, 2 and 3 descriptions of the call forwarding Supplementary_services are not in line with the pr ETS 300 646-1, item 6.1.1.10 (M acts like a diverting exchange according to ETS 300 356-15). The served mobile subscriber has not the ability to decide if the indication that the incoming call is a forwarded call is released to the diverted-to user. The setting of the redirecting number to the forwarded-to subscriber in the ISUP signalling of GSM operators has to be considered as an implementation option.	

	T	,	
231601	ISDN ref. to:	PLMN ref. to:	
	ETS 300 138-1 [10]	EEE 200 510 5203	
		ETS 300 518 [30]	
TSS reference:	ISDN-PLMN/Supplementary se	rvices/UDI/CUG_CFU/TC231601	
ISDN selection	CUG		
criteria:			
PLMN selection	CUG, CFU		
criteria:	, and the second		
Test purpose:	ISDN user A, ISDN user C and PLMN user B belong to the same CUG. No other		
		any of the users. B has an active call forwarding	
	•	•	
	to C. Ensure that a call establish	nment is successful.	
ISDN parameter	BC= UDI with V.110/X.30 rate adaption		
values:		•	
PLMN parameter	GSM-BC= UDI with V.110/X.30 rate adaption		
values:			
Comments:	On PLMN side CUG SS according to the Stage 1 description.		
		g to the chago i docomphism	

231602	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to: ETS 300 518 [30]
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/CUG_CFU/TC231602
ISDN selection criteria:	CUG	
PLMN selection criteria:	CUG, CFU	
Test purpose:	ISDN user A and PLMN user B belong to the same CUG. ISDN user C does not belong to the CUG. No other CUG parameter are allocated to any of the users. B has an active call forwarding to C. Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:		
Comments:	On PLMN side CUG SS accord	ng to the Stage 1 description.

231603	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	ETS 300 518 [30]
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/CUG_CFU/TC231603
ISDN selection criteria:	CUG	
PLMN selection criteria:	CUG, CFU	
Test purpose:	ISDN user A and PLMN user B belong to the same CUG. Additionally B has the CUG parameter OA = "allowed" and an active call forwarding to ISDN user C. C is not member of the CUG. Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".	
ISDN parameter values:	BC= UDI with V.110/X.30 rate adaption	
PLMN parameter values:		
Comments:	On PLMN side CUG SS accord	ng to the Stage 1 description.

231604	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to: ETS 300 518 [30]
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/Speech/CUG_CFU/TC231604
PLMN selection criteria:	CUG, CFU	
Test purpose:	ISDN user A and PLMN user B belong to the same CUG. Additionally A has the CUG parameter OA = "allowed". User B has an active call forwarding to ISDN user C, which is not member of the CUG. Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".	
ISDN parameter values:	BC= UDI with V.110/X.30 rate adaption	
PLMN parameter values:		
Comments:	On PLMN side CUG SS accord	ng to the Stage 1 description.

004005	IODN C C	DI MALI
231605	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	
	210 000 100 1 [10]	ETS 300 518 [30]
		115 300 310 [30]
TSS reference:	ISDN DI MN/Supplementany se	rvices/UDI/CUG_CFU/TC231605
133 reference.	SDN-F Livin/Supplementary_se	11/1Ces/0D1/C0G_CF0/1C231003
ISDN selection	CUG	
criteria:		
PLMN selection	CUG, CFU	
criteria:		
Test purpose:	ISDN user A, PLMN user B and ISDN user C belong to the same CUG. Additionally A has the CUG parameter OA = "allowed". User B has an active call forwarding to ISDN user C. Ensure that a call establishment is successful but the OA indicator is not provided to C.	
ISDN parameter values:	BC = UDI with V.110/X.30 rate adaption	
PLMN parameter	GSM-BC = UDI with V.110/X.30 rate adaption	
values:	'	
Comments:	On PLMN side CUG SS accord	ing to the Stage 1 description.

NON-SYMMETRICAL TESTS

240101	ISDN ref. to: ETS 300 286-1 [13]	PLMN ref. to:	
	subclause 9.1.1.2.2 EN 300 403-1 [1], subclause 7	300 646-1, subclause 6.1.1.4	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/UUS1/TC240101	
ISDN selection criteria:	UU1e	UU1e	
PLMN selection criteria:	UUS is implicit rejected		
Test purpose:	The calling (served) user is provided with UUS1 explicit request as preferred (not-essential). Verify that the UUS service 1 explicit can be correctly implicitly rejected in the PLMN.		
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption		
PLMN parameter values:			
Comments:			

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240102	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13]	
	subclause 9.1.1.2.2	300 646-1, subclause 6.1.1.4
		,
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS1/TC240102
ISDN selection	UUS1e	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:	, , , , , , , , , , , , , , , , , , , ,	
Test purpose:	The calling (served) user is provided with UUS1 explicit request as preferred	
	(not-essential). Verify that the UUS establishment.	S1 is explicitly discarded without disrupting the call
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption	
values:	20 CD. Mail VI. 16/NIOO Tato adaption	
PLMN parameter		
values:		
Comments:		

0.40400		
240103	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13]	
	subclause 9.1.1.2.2	300 646-1, subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
	Liv 500 405-1 [1], Subclause 1	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/UUS1/TC240103
ISDN selection	UUS1e	
criteria:		
PLMN selection		
criteria:		
Test purpose:	The calling (served) user is provided with UUS1 explicit request as required	
	(essential).	
	Ensure that after explicit request of UUS1 indicating "required", the destination network rejects the UUS1 request and initiates call clearing to the calling user with cause value #69 "requested facility not implemented" or cause value #29 "facility rejected".	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:		
Comments:		

240104	ISDN ref. to:	PLMN ref. to:
240104		i Livily (G).
	ETS 300 286-1 [13],	ETS 300 646-1 subclause 6.1.1.4
	subclause 9.1.1.2.2	E13 300 040-1 subclause 0.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS2/TC240104
ISDN selection	UUS2	
criteria:		
PLMN selection	UUS is implicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS2 explicit request as preferred	
	(not-essential). Verify that the UUS	S2 implicit network rejection can be correctly handled.
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption	
values:		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:	·	
Comments:		

240105	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	ETS 300 646-1 subclause 6.1.1.4
	subclause 9.1.1.2.2	E13 300 040-1 subclause 0.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/UUS2/TC240105
ISDN selection	UUS2	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS2 explicit request as preferred	
	(not-essential). Verify that the UUS establishment.	S 2 is explicitly discarded without disrupting the call
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption	
values:		'
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

240106	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13], subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	ETS 300 010 T subclique 0.1.1.1
TSS reference:	ISDN-PLMN/Supplementary_se	L prices/HDI/HHS1/TC240106
100 reference.	Copy Elvil (Cappiementary_Se	111000,001,0001,10240100
ISDN selection	UUS2	
criteria:		
PLMN selection		
criteria:		
Test purpose:	The calling (served) user is provided with UUS2 explicit request as required	
	(essential). Ensure that after explicit request of UUS2 indicating "required", the destination network rejects the UUS2 request and initiates call clearing to the calling user with cause value #69 "requested facility not implemented" or cause value #29 "facility rejected".	
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption	
values:		
PLMN parameter values:		
Comments:		

	1	
240107	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS3/TC240107
ISDN selection criteria:	UUS3	
PLMN selection	UUS is implicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS3 explicit request as preferred (not-essential), request during call establishment.	
	To verify that the UUS3 implicit no	etwork rejection can be correctly handled.
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption	
values:		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:		
Comments:		

240108	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	ETEC 200 (46.1 1.1 6.1.1 4
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	ervices/UDI/UUS3/TC240108
ISDN selection	UUS3	
criteria:		
PLMN selection	UUS is explicit rejected	
criteria:		
Test purpose:	The calling (served) user is provided with UUS3 explicit request as preferred	
	(not-essential), request during call establishment. Verify that the UUS3 is explicitly	
	discarded without disrupting the ca	, , ,
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

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240109	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.1.2.2	ETS 300 646-1 subclause 6.1.1.4
	EN 300 403-1 [1], subclause 7	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/UUS3/TC240109
	Controller Controller	111000,00,000,100
ISDN selection	UUS3	
criteria:		
PLMN selection		
criteria:		
Test purpose:	The calling (served) user is provided with UUS3 explicit request as required	
	3 (11 11)	
	(essential), request during call establishment.	
	Ensure that after explicit request of UUS3 indicating "required", the destination network	
	rejects the UUS3 request and initiates call clearing to the calling user with cause value	
	#69 "requested facility not implem	ented" or cause value #29 "facility rejected".
ISDN Parameter	BC= UDI with V.110/X.30 rate adaption	
values:		
PLMN parameter		
values:		
Comments:		

0.4000.4		
240201	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1]	
	211 000 100 1 [1]	
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/Call Barring/TC240201
		· ·
ISDN selection		
criteria:		
PLMN selection	The Network B supports BAIC.	
criteria:		
Test purpose:	Ensure that when the called user activates barring of all incoming calls, call	
	establishment is not possible and the network initiate call clearing to the calling	
	, and the second	
	user.	
ISDN parameter	BC= UDI with V.110/X.30 rate adaption	
· ·	DO= 0D1 Will1 V:110/X:00 Tale 0	daption
values:		
PLMN parameter		
values:		
Comments:	EDITORS NOTE 3: The cause	value with witch the call shall be rejected is not
	defined.	,
	40	
<u> </u>	<u>.</u>	

	1	
240202	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to:
TSS reference:	ISDN-PLMN/Supplementary_se	rvices/UDI/Call Barring/TC240202
ISDN selection criteria:		
PLMN selection criteria:	The Network B supports barring of all incoming calls BAIC and barring of incoming calls when roaming outside the home PLMN country (BIC-Roam). The MS is roaming outside the home PLMN country.	
Test purpose:	Ensure that when the called user activates barring of incoming calls when roaming outside the home PLMN country was already activated, barring of incoming calls when roaming outside the home PLMN country will be deactivated and barring of all incoming calls will be activated. Call establishment is not possible and the network initiate call clearing to the calling user.	
ISDN parameter values:	BC= UDI with V.110/X.30 rate adaption	
PLMN parameter values:		
Comments:	EDITORS NOTE 3: The cause defined.	value with witch the call shall be rejected is not

6.2.3 Test purposes for ISDN-PLMN, B-channel end-to-end performance

B-channel end-to-end performance

310101	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 557 [35] ITU-T Rec. G. 101
TSS reference:	ISDN-PLMN/ B-channel end-to-end performance /Speech/TC310101	
ISDN selection criteria:	B - channel transmission	
PLMN selection criteria:	Voice transmission	
Test purpose:	To ensure that speech transfer on the B-channel is performed correctly.	
ISDN parameter values:	BC= speech	
PLMN parameter values:		
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G. 101, Appendix I.	

310201	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 557 [35] ITU-T Rec. G. 101
TSS reference:	ISDN-PLMN/ B-channel end-to-end performance /3,1 kHz audio/TC310201	
ISDN selection criteria:	B - channel transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that speech transfer on the B-channel is performed correctly.	
ISDN parameter values:	BC= 3,1 kHz audio	
PLMN parameter values:		
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G. 101, Appendix I.	

310301	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1]		
		ETS 300 557 [35]	
		ETS 300 578 [55]	
		[213 300 376 [33]	
TSS reference:	ISDN-PLMN/ B-channel end-to-	end performance /UDI/TC310301	
ISDN selection	B - channel transmission		
criteria:			
PLMN selection	Data transmission		
criteria:			
Test purpose:		To verify compliance with the requirements for error and octet slip for the first or	
	the last continuous 24 hour period.		
ISDN parameter	BC = UDI, V.110/X.30 synchronous mode; PRBS=2 ¹¹ -1		
values:	BO = ODI, V.110/A.30 Synchronous mode, 1 100=2		
PLMN parameter			
values:			
Comments:	The tests should be based on the requirements described in the		
	ETS 300 578 [55]		

6.2.4 Test purposes for PSTN-PLMN, Basic call

6.2.4.1 Successful

Successful	
PSTN	

410101	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] ETS 300 604 [42], subclause 9.2.2 a, subclause 10.2.2
TSS reference:	PSTN-PLMN/Basic_call/Succes	ssful/TC410101
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that call is delivered to the called PLMN user correctly.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR	

410102	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2 ETS 300 604 [42], subclause 9.2.2 b
TSS reference:	PSTN-PLMN/Basic_call/Succes	ssful/TC410102
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	PSTN, Single-numbering Scheme	
Test purpose:	Ensure that call is delivered to the called PLMN user correctly (single-numbering scheme).	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The call set-up to the mobile wi	Il not contain a GSM BC element.

410103	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	210 000 001	ETS 300 557 [35], subclause 5.2.2
		215 300 337 [33], succidade 3.2.2
		ETS 300 604 [42], subclause 9.2.2 a,
		subclause 10.2.2
TSS reference:	PSTN-PLMN/Basic_call/Succes	ssful/TC410103
PSTN selection	Call establishment to a PLMN u	ser
criteria:	Can establishment to a Levilly deel	
·····		
PLMN selection	Multi-numbering Scheme, TS 11	
criteria:		
Test purpose:	Ensure that the clearing proced	ure is performed correctly when the calling user
	clears the call after answering.	
PSTN parameter		
•		
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the	
	BC/LLC/HLC stored in the VLR	• •

410104	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] ETS 300 604 [42], subclause 9.2.2 a, subclause 10.2.2
TSS reference:	PSTN-PLMN/Basic_call/Succes	esful/TC410104
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that the clearing procedure is performed correctly when the called PLMN user clears the call after answering	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR	

6.2.4.2 Unsuccessful

PSTN	
UNSUCCESSFUL	

DCTN rof to:	PLMN ref. to:
	PLININ ref. to:
E15 300 001	ETS 300 557 [35] Annex H 1.7
	E13 300 337 [33] Allilex II 1.7
PSTN-PLMN/Basic_call/Unsuc	cessful/TC420101
Call establishment to a PLMN u	user
Multi-numbering Scheme, TS	11
Ensure that when the called PLMN user is busy (UDUB), the calling user	
receives a busy tone	
GSM-BC=speech	
The call set-up to the mobile	e will contain a GSM BC mapped from the
BC/LLC/HLC stored in the VLR.	
A.C	4 MG 1' 1' 4 DELEAGE
_	ssage, the MS replies immediately with a RELEASE
COMPLETE (#17 "user busy").	
	receives a busy tone GSM-BC=speech The call set-up to the mobile BC/LLC/HLC stored in the VLR

420102	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] Annex H 1.7	
TSS reference:	PSTN-PLMN/Basic_call/Unsuc	cessful/TC420102	
PSTN selection criteria:	Call establishment to a PLMN	Call establishment to a PLMN user	
PLMN selection criteria:			
Test purpose:	Ensure that when the called PLMN user is busy (NDUB), the calling user receives a busy tone		
PSTN parameter values:			
PLMN parameter values:			
Comments:			

420103	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 599 [41], subclause 18.2, subclause 18.3.2 ETS 300 557 [35], Annex H.1.7	
TSS reference:	PSTN-PLMN/Basic_cal	l/Unsuccessful/TC420103	
PSTN selection criteria:	Call establishment to a	Call establishment to a PLMN user	
PLMN selection criteria:			
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #20 "Subscriber absent". The calling user receives a announcement that the called number cannot be reached.		
PSTN parameter values:			
PLMN parameter values:			
Comments:			

420104	PSTN ref. to: ETS 300 001	PLMN ref. to: ref. to: ETS 300 557 [35]	
TSS reference:	PSTN-PLMN/Basic_call/Unsuc	cessful/TC420104	
PSTN selection criteria:	Call establishment to a PLMN	Call establishment to a PLMN user	
PLMN selection criteria:			
Test purpose:	Ensure that when calling to unallocated PLMN number, the calling user receives in-band information that the called number is unallocated		
PSTN parameter values:			
PLMN parameter values:			
Comments:			

420105	PSTN ref. to: ETS 300 001	PLMN ref. to :
		ETS 300 557 [35]
TSS reference:	PSTN-PLMN/Basic_call/Unsuccessful/TC420105	
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that when the calling user clears before answer from the called PLMN user, the call is cleared. The called user is cleared with cause value # 16 "normal call clearing".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The call set-up to the mobile wil BC/LLC/HLC stored in the VLR	I contain a GSM BC mapped from the

420106	PSTN ref. to: ETS 300 001	PLMN ref. to :
TSS reference:	PSTN-PLMN/Basic_call/Unsucc	essful/TC420106
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that when the called PLMN user is alerted by not answering before timer Q.118 expires, the calling user receives a free tone followed by a network congestion tone and the network initiate call clearing to the called user with Cause # 102 "recovery on timer expire" or cause # 31 "normal, unspecified".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The call set-up to the mobile wil BC/LLC/HLC stored in the VLR	contain a GSM BC mapped from the

420107	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] Annex H 1.7
TSS reference:	PSTN-PLMN/Basic_call/Unsucc	L cessful/TC420107
PSTN selection criteria:	Call establishment to a PLMN u	ser
PLMN selection criteria:	PSTN, Single-numbering Scheme	
Test purpose:	Ensure that when the called PLMN user (single-numbering scheme) is busy (UDUB), the calling user receives a free tone followed by a busy tone	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The call set-up to the mobile wil	I not contain a GSM BC element.
	After receiving the SETUP messag COMPLETE (#17 "user busy")	e, the MS replies immediately with a RELEASE

420108	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 557 [35]
TSS reference:	PSTN-PLMN/Basic_call/Unsucc	cessful/TC420108
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	PSTN, Single-numbering Scheme	
Test purpose:	Ensure that when the calling user clears before answer from the called PLMN user (single-numbering scheme), the call is cleared. The called user is cleared with cause value # 16 "normal call clearing".	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The call set-up to the mobile wil	I not contain a GSM BC element.

	I	I=	
420109	PSTN ref. to:	PLMN ref. to:. to:	
	ETS 300 001		
TSS reference:	PSTN-PLMN/Basic_call/Unsuccessful/TC420109		
PSTN selection	Call establishment to a PLMN	user	
criteria:			
PLMN selection	PSTN, Single-numbering Sch	eme	
criteria:			
Test purpose:	Ensure that when the called PLMN user is alerted (single-numbering scheme) but not answers before timer Q.118 expires, the calling user receives a free tone followed by a network congestion tone and the network initiate call clearing to the called user with Cause # 102 "recovery on timer expire" or cause # 31 "normal, unspecified".		
PSTN parameter			
values:			
PLMN parameter			
values:			
Comments:	The call set-up to the mobile v	vill not contain a GSM BC element.	

420110	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 557 [35] Annex H 1.7
TSS reference:	PSTN-PLMN/Basic_call/Unsucc	essful/TC420110
PSTN selection criteria:	Call establishment to a PLMN user	
PLMN selection criteria:	Multi-numbering Scheme, TS 11	
Test purpose:	Ensure that when the called PLMN user is busy (UDUB) after being alerted, the calling user receives a free tone followed by a busy tone	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	While in the alerting state, the clusy").	alled user sends a DISCONNECT (#17 "user

6.2.6A Test purposes for PSTN-PLMN, Supplementary_services

Supplementary_services	
PSTN	

510101	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9 ETS 300 565 [36],
TSS reference:	PSTN-PLMN/Supplementary_s	services/CLIP/TC510101
PSTN selection criteria:	Call to a PLMN user	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	Ensure that the Calling party number is correctly delivered to the called (served) user.	
PSTN parameter values:		
PLMN parameter values:	Calling party number: PI=PA, SI=NP, TON= national / international number NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		tions of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

510201	PSTN ref. to: ETS 300 649	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.9, subclause 10.5.4.10 ETS 300 565 [36], subclause 1
		ETS 300 542 [57] , subclause 1
TSS reference:	PSTN-PLMN/Supplementary_services/CLIR/TC510201	
PSTN selection criteria:	CLIR	
PLMN selection criteria:	The called user is provided with CLIP	
Test purpose:	Ensure that the Calling party number information element is delivered to the called user without any digit information.	
PSTN parameter values:		
PLMN parameter values:	Calling party number: PI=PR, S	I=NP, TON=unknown, NPI=unknown
Comments:		

- 40004		
510301	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	
	subclause 9.2.3	ETS 300 546 [33]
	042014400 0.2.0	
		ETS 300 569 [39]
TSS reference:	PSTN-PLMN/Supplementary_se	ervices/CUG/TC510301
PSTN selection	CUG	
criteria:		
PLMN selection	CUG with incoming access "not allowed".	
criteria:	ood with incoming access that anowed :	
	Charres that when the called was	ar halanga ta a CLIC with incoming access that
Test purpose:	Ensure that when the called user belongs to a CUG with incoming access "not allowed" and the calling user is not member of CUG, call establishment is not possible and the network initiate call clearing to the calling user with cause value #87 "user not member of CUG".	
PSTN parameter		
values:		
PLMN parameter		
values:		
Comments:		

510401	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PSTN-PLMN/Supplementary_s	l ervices/CFU/TC510401
PSTN selection criteria:	Call to a forwarding subscriber (CFU)	
PLMN selection criteria:	CFU	
Test purpose:	The PSTN user A and the PSTN user C are in network N1. The PLMN user B is in network N2 and is provided with CFU. Ensure that when user A calls user B, the call is forwarded to user C.	
PSTN parameter values:		
PLMN parameter values:	CFU active	
Comments:		

	T	
510501	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	210 300 001	ETS 300 566 [37], subclause 2
		215 300 300 [37], subclause 2
		ETS 300 543 [31], subclause 2
		E13 300 343 [31], subclause 2
TSS reference:	PSTN-PLMN/Supplementary_se	ervices/CFB/TC510501
PSTN selection	Call to a forwarding subscriber ((CFB)
criteria:		,
PLMN selection	CFB-UDUB	
criteria:		
Test purpose:	The PSTN user A and the PSTN user C are in network N1.	
	The PLMN user B is in network N	2 and is provided with CFB-UDUB.
		- und is provided with er b eb eb.
	Ensure that when user A calls busy	user B, the call is forwarded to user C. User B is not
	notified of call diversion.	
	notified of earl diversion.	
PSTN parameter		
values:		
	CFB-UDUB active	
PLMN parameter	CFB-UDUB active	
values:		
Comments:		

510502	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
		ETS 300 566 [37], subclause 2
		ETS 300 543 [31], subclause 2
TSS reference:	PSTN-PLMN/Supplementary_se	ervices/CFB/TC510502
PSTN selection	Call to a forwarding subscriber ((CFB)
criteria:		` <i>'</i>
PLMN selection	CFB-NDUB. Notification to forw	arding subscriber =Yes
criteria:		•
Test purpose:	The PSTN user A and the PSTN user C are in network N1.	
	The PLMN user B is in network N notification to forwarding subscrib	2 and is provided with CFB-NDUB whereby the er is set to yes.
	Ensure that when user A calls busy notified of call diversion.	user B, the call is forwarded to user C. User B is
PSTN parameter		
values:		
PLMN parameter	CFB-NDUB active	
values:		
Comments:		

510503	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
		ETS 300 566 [37], subclause 2
		ETS 300 543 [31], subclause 2
TSS reference:	PSTN-PLMN/Supplementary_s	ervices/CFB/TC510503
PSTN selection	Call to a forwarding subscriber	(CFB)
criteria:		
PLMN selection	CFB-NDUB. Notification to forw	arding subscriber =No
criteria:		
Test purpose:	The PSTN user A and the PSTN user C are in network N1.	
	The PLMN user B is in network N notification to forwarding subscrib	2 and is provided with CFB-NDUB whereby the er is set to no.
	Ensure that when user A calls busy notified of call diversion.	user B, the call is forwarded to user C. User B is not
PSTN parameter		
values:		
PLMN parameter	CFB-NDUB active	
values:		
Comments:		

510601	PSTN ref. to: ETS 300 001	PLMN ref. to:
		ETS 300 566 [37], subclause 3
		ETS 300 543 [31], subclause 3
TSS reference:	PSTN-PLMN/Supplementary_se	ervices/CFNRyTC510601
PSTN selection	Call to a forwarding subscriber ((CFNRy)
criteria:		
PLMN selection	CFNRy. Notification to forwarding subscriber =Yes	
criteria:		
Test purpose:	The PSTN user A and the PSTN user C are in network N1.	
	The PLMN user B is in network N	2 and is provided with CFNRy whereby the
	notification to forwarding subscribe	er is set to yes.
	Ensure that if user A calls user B, v User B is notified of call diversion.	who does not answered, the call is forwarded to user C.
PSTN parameter		
values:		
PLMN parameter	CFNRy active	
values:		
Comments:		

F40000	DOTAL mod Aco	DI MAI not to
510602	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
		ETS 300 566 [37], subclause 3
		ETS 300 543 [31], subclause 3
TSS reference:	PSTN-PLMN/Supplementary_s	ervices/CFNRyTC510602
PSTN selection	Call to a forwarding subscriber	(CFNRv)
criteria:	Jam to a rormanaming cascomist	(0)
	OFNE: Netification to forward:	an authorithau Na
PLMN selection	CFNRy. Notification to forwarding subscriber = No	
criteria:		
Test purpose:	The PSTN user A and the PSTN user C are in network N1.	
	The PLMN user B is in network N2 and is provided with CFNRy whereby the	
	notification to forwarding subscriber is set to no.	
	motification to forwarding subscrib	el is set to iio.
	Engues that if your A calls your D	who does not engineed the call is formeded to year C
	Ensure that if user A calls user B, who does not answered, the call is forwarded to user C.	
	User B is not notified of call divers	sion.
PSTN parameter		
values:		
PLMN parameter	CFNRy active	
values:	,	
Comments:		

510701	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 566 [37], subclause 4 ETS 300 543 [31], subclause 4
TSS reference:	PSTN-PLMN/Supplementary_s	ervices/CFNRcTC510701
PSTN selection criteria:	Call to a forwarding subscriber	(CFNRc)
PLMN selection criteria:	CFNRc	
Test purpose:	The PSTN user A and the PSTN The PLMN user B is in network N Ensure that when user A calls user	
PSTN parameter values:		
PLMN parameter values:	CFNRc active	
Comments:		

NON-SYMMETRICAL TESTS

F20404	DOTAL not to:	DI MNI not to:
520101	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETC 200 540 [24]
		ETS 300 548 [34]
TSS reference:	PSTN-PLMN/Supplementary_s	ervices/Call barring service/TC520101
PSTN selection		
criteria:		
PLMN selection	The Network B supports BAIC.	
criteria:		
Test purpose:	Ensure that when the called user activates barring of all incoming calls, call establishment is not possible and the network initiate call clearing to the calling user.	
PSTN parameter		
values:		
PLMN parameter		
values:		
Comments:	EDITORS NOTE 3: The cause defined.	value with witch the call shall be rejected is not

520102	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 548 [34]
TSS reference:	PSTN-PLMN/Supplementary_s	ervices/Call barring service/TC520102
PSTN selection criteria:		
PLMN selection criteria:	The Network B supports barring of all incoming calls (BAIC) and barring of incoming calls when roaming outside the home PLMN country (BIC-Roam). The MS is roaming outside the home PLMN country.	
Test purpose:	Ensure that when the called user activates barring of incoming calls when roaming outside the home PLMN country was already activated, barring of incoming calls when roaming outside the home PLMN country will be deactivated and barring of all incoming calls will be activated. Call establishment is not possible and the network initiate call clearing to the calling user.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	EDITORS NOTE 3: The cause defined.	value with witch the call shall be rejected is not

520201	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517 ETS 300 545
TSS reference:	PSTN-PLMN/Supplementary_se	 ervices/MPTY/TC520201
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN user A is in network N1. The PLMN user B and PLMN user C are in network N2. User A is calling user B. Ensure that the user B can establish a MPTY call to user A and user C. User B is terminating the entire multi party call.	
PSTN parameter values:		
PLMN parameter values:		
Comments:		

520202	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517,
		ETS 300 545
TSS reference:	PSTN-PLMN/Supplementary_so	ervices/MPTY/TC520202
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN user A is in network N1. The PLMN user B and PLMN user C are in network N2. User A is calling user B. Ensure that the user B can establish a MPTY call to user B and C. The user A is clearing the remote party C. The call clearing procedure to user B is performed from user A.	
PSTN parameter values:		
PLMN parameter values:		
Comments:		

520203	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETG 200 517
		ETS 300 517,
		ETS 300 545
TSS reference:	PSTN-PLMN/Supplementary_se	ervices/MPTY/TC520203
PSTN selection		
criteria:		
PLMN selection	MPTY	
criteria:		
Test purpose:	The PSTN user A is in network N1. The PLMN user B and PLMN user C are in network N2.User A is calling user B. Ensure that the user B can establish a MPTY call to user A and user C. Afterwards the remote party C disconnects itself from the call. The call clearing procedure to user B is performed from user A.	
PSTN parameter values:		
PLMN parameter values:		
Comments:		

520204	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517, ETS 300 545	
TSS reference:	PSTN-PLMN/Suppleme	entary_services/MPTY/TC520204	
PSTN selection criteria:			
PLMN selection criteria:	MPTY		
Test purpose:	The PSTN user A is in network N1. The PLMN user B and PLMN user C are in network N2. User A is calling user B. Ensure that the user B can establish a MPTY call to user A and C. Afterwards the user B separates the remote user A from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B invokes the MPTY service and join the single active call and the held MPTY together. User B is terminating the entire multi party call.		
PSTN parameter values:			
PLMN parameter values:			
Comments:			

6.2.6B Test purposes for PSTN-PLMN, B-channel end-to-end performance

B-channel end-to-end performance

610101	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 557 [35],
		ITU-T Rec. G. 101
TSS reference:	PSTN-PLMN/ B-channel er	nd-to-end performance/Voice/TC610101
PSTN selection criteria:	Voice transmission	
PLMN selection criteria:	Voice transmission	
Test purpose:	To ensure that the voice transfer on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G. 101 Appendix I.	

610102	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], ETS 300 578 [55]
TSS reference:	PSTN-PLMN/ B-channel end-to	-end performance /data/TC610102
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that data transfer with 1,2 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

610103	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], ETS 300 578 [55]
TSS reference:	PSTN-PLMN/ B-channel end-to-	-end performance /data/TC610103
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that data transfer with 2,4 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

610104	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], ETS 300 578 [55]
TSS reference:	PSTN-PLMN/ B-channel end-to	-end performance /data/TC610104
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that data transfer with 4,8 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

610105	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35]
		ETS 300 578 [55]
TSS reference:	PSTN-PLMN/ B-channel end-to	end performance /data/TC610105
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that data transfer with 9,6 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

610106	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] ETS 300 578 [55]
TSS reference:	PSTN-PLMN/ B-channel end-to	-end performance /FAX/TC610106
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that "facsimile group 2/3 transfer" on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:		
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

6.2.7 Test purposes for PLMN-ISDN, Basic call

6.2.7.1 Successful

Successful	
Speech	

=10101			
710101	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1],		
	subclause 4.5.5,	ETS 300 557 [35], subclause 5.2	
	· · · · · · · · · · · · · · · · · · ·		
	subclause 5.2	ETS 300 604 [42], subclause 10.2	
		E13 300 004 [42], subclause 10.2	
TSS reference:	PLMN-ISDN/Basic_call/Succes	ssful/Speech/TC710101	
ISDN selection	Speech		
criteria:	Specie.		
	TO 44		
PLMN selection	TS 11		
criteria:			
Test purpose:	Ensure that call establishment	Ensure that call establishment and the call clearing procedure is performed	
Tool pan pool.	correctly when the calling user clears after answer.		
	derived y when the saming deer cloude after another.		
ISDN parameter	BC=speech, no HLC		
values:			
PLMN parameter	GSM-BC=speech, no HLC		
values:			
Comments:			

710102	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.1
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/Speech/TC710102
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC=speech, no HLC	
PLMN parameter values:	GSM-BC=speech, no HLC	
Comments:		

710103	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.17 EG 201 018 [2],	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 200 604 [42], subclause 10.2
	subclause 6.3.1	ETS 300 604 [42], subclause 10.2 ETS 300 502 [27], subclause 6
		ETS 300 582 [40], Annex B.2.8
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/Speech/TC710103
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that the HLC information is transported transparently through the network and correctly delivered to the called user. After the call establishment the call clearing procedure is performed from the calling user.	
ISDN parameter values:	BC=speech, HLC=telephony	
PLMN parameter values:	GSM-BC=speech, HLC=telephony	
Comments:		

710104	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17 EG 201 018 [2],	ETS 300 557 [35], subclause 5.2
	subclause 6.3.1	ETS 300 604 [42], subclause 10.2
		ETS 300 502 [27], subclause 6
		ETS 300 582 [40], Annex B.2.8
TSS reference:	PLMN- ISDN/Basic_call/Successful/Speech/TC710104	
ISDN selection	Speech	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that the HLC information is transported transparently through the network and correctly delivered to the called user. After the call establishment the call clearing procedure is performed from the called user.	
ISDN parameter	BC=speech, HLC=telephony	
values:		
PLMN parameter	GSM-BC=speech, HLC=telephony	
values:		
Comments:		

710105	EN 300 403-1 [1], subclause 3.	PLMN ref. to: ETS 300 557 [35], subclause 7.3.2	
TSS reference:	PLMN-ISDN/Basic_call/Successf	ful/Speech/TC710105	
ISDN selection criteria:	Speech	Speech	
PLMN selection criteria:	TS 11		
Test purpose:	To verify that progress indicator information included in the ISDN-CONNECT message can be transported correctly to the calling MS.		
ISDN parameter values:	B:? SETUP: BC=speech, HLC = telephony, B:! CONNECT: progress indicator #2 "destination address is non-ISDN".		
PLMN parameter values:	A:! SETUP: GSM-BC=speech, HLC=telephony A:? CONNECT: progress indicator #2 "destination address is non-ISDN".		
Comments:	The progress indicator information element is transported in the Access Transport parameter of the Answer message (ANM). The access transport parameter will be transported transparently. It is the responsibility of the end points to ensure compatibility.		

710106	ISDN ref. to:	PLMN ref. to:
710100		PLIVIN Tel. to.
	EN 300 403-1 [1],	ETS 200 557 [25], subalausa 7.2.2, subalausa 5.2
	subclause 3.1, subclause 5.2	ETS 300 557 [35], subclause 7.3.2, subclause 5.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Speech/TC710106
ISDN selection	Speech	
criteria:	Оросон	
PLMN selection	TS 11	
criteria:		
Test purpose:	To verify that progress indicator	information included in the ISDN - ALERT
	message can be transported co	rrectly to the calling MS.
ISDN parameter		
values:		
PLMN parameter	A:! SETUP: GSM-BC=speech HLC=telephony	
values:		
	A:? ALERT: progress indicator #2 "destination address is non-ISDN".	
Comments:	The progress indicator information element is transported in the Access	
	, ,	ress complete message (ACM). The access
	transport parameter will be transported transparently. It is the responsibility of	
	the end points to ensure compatibility.	
		·

Successful	
3,1 kHz audio, ex PLMN	

710201	ISDN ref. to: EN 300 403-1 [1], subclause 5.2,	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio, ex PLMN/TC710201
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Support voice band data via modem. Ensure that the call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	a) BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1]) b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC = 3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710202	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710202
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection	Audio	
criteria:		
Test purpose:	Support voice band data via modem. Ensure that the call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter	a) BC=3,1 kHz audio, voice ban	d data via modem (EN 300 403-1 [1])
values:	b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710203	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio, ex PLMN/TC710203
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 21	
Test purpose:	Support voice band data via modem. Ensure that the GSM-BC = 3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s, no LLC is correctly mapped to the called user and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s, no LLC	
PLMN parameter values:	GSM-BC = 3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s, no LLC (EN 300 403-1 [1]) BC=3,1 kHz audio (ETS 300 102-1 [46])	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710204	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
	Subclause 3.2, Subclause 4.3.3	
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710204
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection	Audio, asynchronous mode, BS 22	
criteria:		
Test purpose:	Support of voice band data via modem: Ensure that the BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, no LLC is correctly mapped to the called user and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, no LLC (EN 300 403-1 [1])	
	BC=3,1 kHz audio, no LLC (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

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710205	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETTG 200 557 (25) 1 1 5 2
	subclause 5.2,	ETS 300 557 [35], subclause 5.2
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2
		E13 300 004 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio ex PLMN/TC710205
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	Audio, asynchronous mode, BS 24	
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, no LLC is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, no LLC (EN 300 403-1 [1])	
	BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710206	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to:	
		ETS 300 557 [35], subclause 5.2	
		ETS 300 604 [42], subclause 10.2	
		ETS 300 582 [40], Annex B.1.2	
TSS reference:	PLMN-ISDN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC710206		
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	Audio, asynchronous mode, BS 25		
criteria:			
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, no LLC is correctly mapped to the called user.		
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, no LLC (EN 300 403-1 [1]) BC=3,1 kHz audio (ETS 300 102-1 [46])		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, no LLC		
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC		

710207	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC710207	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS 26	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s, no LLC is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s, no LLC (EN 300 403-1 [1]) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

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710208	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2,	ETS 300 557 [35], subclause 5.2
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio ex PLMN/TC710208
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS	21
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0.3 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0.3 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0.3 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

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710209	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2,	ETS 300 557 [35], subclause 5.2
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio ex PLMN/TC710209
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS	22
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC information is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710210	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2
TSS reference:	PLMN-ISDN/Basic call/Succ	ETS 300 582 [40], Annex B.1.2, B.2.2 essful/3,1 kHz audio, ex PLMN/TC710210
ISDN selection criteria:	Bearer service 3,1 kHz audio	, , , , , , , , , , , , , , , , , , ,
PLMN selection criteria:	Audio, asynchronous mode,	BS 24
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710211	ISDN ref. to:	PLMN ref. to:
1.02	EN 300 403-1 [1],	
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710211
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS	25
Test purpose:	Support of terminal adapters voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710212	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710212
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, asynchronous mode, BS	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate	
		the LLC=3,1 kHz audio, voice band data via modem, bit/s is correctly delivered to the called user.
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s (EN 300 403-1 [1])	
	BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s	
Comments:		ubclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in ed to the octets 5a, 5b, 5c and 5d in the ISDN-

710213	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.3
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710213
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 31	
Test purpose:	Support of terminal adapters voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, no LLC information is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, no LLC (EN 300 403-1 [1])	
	BC=3,1 kHz audio, no LLC (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710214	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2
TSS reference:	PLMN-ISDN/Basic call/Succes	ETS 300 582 [40], Annex B.1.2 sful/3,1 kHz audio ex PLMN/TC710214
ISDN selection	Bearer service 3,1 kHz audio	5.5
criteria:	300.00	
PLMN selection criteria:	Audio, synchronous mode, BS 32	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, no LLC is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, no LLC (EN 300 403-1 [1]) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710215	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio, ex PLMN/TC710215
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 33	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, no LLC is correctly mapped to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, no LLC (EN 300 403-1 [1]) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710216	ICDN ref to:	DI MNI ref. to.
/10216	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	ETG 200 557 [25] . 1.1 5.2
	subclause 5.2,	ETS 300 557 [35], subclause 5.2
	subclause 4.5.5	ETS 300 604 [42], subclause 10.2
		E15 500 004 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio ex PLMN/TC710216
ISDN selection	Bearer service 3,1 kHz audio	
criteria:	, , , , , , , , , , , , , , , , , , , ,	
PLMN selection	Audio, synchronous mode, BS	34
criteria:		
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 9,6 kbit/s, no LLC is correctly mapped to the called user.	
ISDN parameter	BC=3,1 kHz audio, voice band	data via modem, synchronous mode, user rate
values:	9,6 kbit/s, no LLC (EN 300 403-	1 [1])
	BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
values:	mode, user rate 9,6 kbit/s, no LLC	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710217	ISDN ref. to:	PLMN ref. to:
710217	EN 300 403-1 [1],	PLIVIN Tel. to.
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.3
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/3,1 kHz audio ex PLMN/TC710217
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 3	31
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in ed to the octets 5a, 5b, 5c and 5d in the ISDN-

710218	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	ssful/3,1 kHz audio, ex PLMN/TC710218
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS	32
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710219	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710219
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 3	33
Test purpose:	Support of terminal adapters voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s (EN 300 403-1 [1]) BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

710220	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710220
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio, synchronous mode, BS 3	34
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate	
	9,6 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s (EN 300 403-1 [1])	
	BC=3,1 kHz audio, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

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710221	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 3.	
	1.10,	ETS 300 557 [35], subclause 7.3.2
	subclause 5.2	
TSS reference:		sful/3,1 kHz audio ex PLMN /TC710221
ISDN selection	Bearer service 3,1 kHz audio	
criteria:	,	
PLMN selection	Audio	
criteria:		
Test purpose:	To verify that progress indicator information included in the ISDN-CONNECT	
	message can be transported co	
		,
ISDN parameter	B:? SETUP: GSM-BC = 3,1 kHz audio, voice band data via modem	
values:		
	B:! CONNECT: progress indicator	#2 "destination address is non-ISDN".
DI MNI manamatan	ALICETUDI COM DO 24 MI	audia ay DI MNI yaisa band data yin madam
PLMN parameter	A:! SETUP: GSM-BC = 3,1 kHz audio ex PLMN, voice band data via modem	
values:	A:? CONNECT: progress indicator #2 "destination address is non-ISDN".	
	A.: CONVICET. progress indicator	1 #2 destination address is non-isbiv.
Comments:	The progress indicator information element is transported in the Access	
		wer message (ANM). The access transport
		ansparently. It is the responsibility of the end
	points to ensure compatibility.	
	p a mar to one of the market	

710222	ISDN ref. to: EN 300 403-1 [1], subclause 3.1, subclause 5.2	PLMN ref. to: ETS 300 557 [35], subclause 7.3.2, subclause 5.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/3,1 kHz audio ex PLMN/TC710222
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	To verify that progress indicator information included in the ISDN – ALERT message can be transported correctly to the calling MS.	
ISDN parameter values:	B:? SETUP: GSM-BC = 3,1 kHz audio, voice band data via modem B:! ALERT: progress indicator #2 "destination address is non-ISDN".	
PLMN parameter values:	A:! SETUP: GSM-BC = 3,1 kHz audio ex PLMN, voice band data via modem A:? ALERT: progress indicator #2 "destination address is non-ISDN".	
Comments:	Transport parameter of the Add	ion element is transported in the Access ress complete message (ACM). The access sported transparently. It is the responsibility of tibility.

Successful	
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710301	ISDN ref. to: EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710301
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC = UDI, rate adaption V.110/X.30, LLC = UDI, rate adaption V.110/X.30	
PLMN parameter values:	GSM-BC = UDI, rate adaption V	7.110/X.30, LLC= UDI, rate adaption V.110/X.30
Comments:	The user bitrate is out of scope	of this test case

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710302	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	L 4'	ETS 300 557 [35], subclause 5.2
	subclause 5.2, subclause 4.5.5	E15 300 337 [33], subclade 3.2
		ETS 300 604 [42], subclause 10.2
		E13 300 004 [42], subclause 10.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710302
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that call establishment and the	
' '	call clearing procedure is performed correctly when the called user clears after	
	answer.	
	answer.	
ISDN parameter	BC = UDI, rate adaption V.110/X.30, LLC=UDI, rate adaption V.110/X.30	
values:		, ===,
	COM BO - LIDI rata adaptica // 440/// 20 LI O LIDI rata adaptica // 440/// 20	
PLMN parameter	GSM-BC = UDI, rate adaption V.110/X.30, LLC=UDI, rate adaption V.110/X.30	
values:		
Comments:	The user bitrate is out of scope of this test case	
	'	

710303	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710303
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 21	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0.3 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, asynchronous mode, user rate 0.3 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0.3 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchron	ous mode, user rate 0,3 kbit/s
Comments:		

710304	ISDN ref. to:	PLMN ref. to:
7 1000+	EN 300 403-1 [1],	Limit for to.
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710304
ISDN selection	Bearer service UDI, V.110/X.30	rate adaption
criteria:		
PLMN selection	UDI, asynchronous mode, BS 22	
criteria:		
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the GSM-BC=UDI/X.30 [49] asynchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s	
PLMN parameter	GSM-BC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchron	ous mode, user rate 1,2 kbit/s
Comments:		

710305	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710305
ISDN selection criteria:	Bearer service UDI, V.110/X.30 rate adaption	
PLMN selection criteria:	UDI, asynchronous mode, BS 24	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter values:	BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchron	ous mode, user rate 2,4 kbit/s
Comments:		

710306	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710306
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, asynchronous mode, BS 25	
criteria:	0-1, 40,110.110.110.110.110.110.110.110.110.11	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s, is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchron	ous mode, user rate 4,8 kbit/s
Comments:		

710307	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI /TC710307
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, asynchronous mode, BS 26	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s,	
values:	LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s	
Comments:		

710308	ISDN ref. to:	PLMN ref. to:
7 10000	EN 300 403-1 [1],	Limit for to.
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.3; B 2.3
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710308
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI, synchronous mode, BS 31	
criteria:		
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchrono	ous mode, user rate 1,2 kbit/s
Comments:		

710309	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710309
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 32	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s	
Comments:		

710310	ISDN ref. to:	PLMN ref. to:
7 100 10	EN 300 403-1 [1],	
	subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI/TC710310
ISDN selection criteria:	Bearer service UDI	
	1101	
PLMN selection	UDI, synchronous mode, BS 33	
criteria:		
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s, is correctly mapped and the LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchrono	ous mode, user rate 4,8 kbit/s
Comments:		

710311	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2, subclause 4.5.5	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/UDI /TC710311
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI, synchronous mode, BS 34	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the BC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
ISDN parameter	BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s,	
values:	LLC=UDI, V.110/X.30, synchrono	ous mode, user rate 9,6 kbit/s
Comments:		

Facsimile group 3

	1	_
710401	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 4.5.17	ETS 300 557 [35], subclause 5.2
	EG 201 018 [2]	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.1.1
TSS reference:	PLMN-ISDN/Basic_call/Successful/Facsimile G3/TC710401	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria	TS 62	
Test purpose:	Support of Telefax G3. Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC= facsimile G3, no HLC	
Comments:		

710402	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
		ETS 300 557 [35], subclause 5.2
	subclause 4.5.17	E15 500 557 [55], subclause 5.2
		ETS 200 604 [42] subslaves 10.2.2
		ETS 300 604 [42], subclause 10.2.2
		ETC 200 592 [40] Amora D 1 1 1 D 2 11
		ETS 300 582 [40], Annex B.1.1.1; B 2.11
TCC matamana	DI MALICONI/Desis sell/Cueses	of!/Faccimila C2/TC740402
TSS reference:	PLMN-ISDN/Basic_call/Succes	Siul/Facsimile G3/1C/10402
1001	Talata On tanada da	
ISDN selection	Telefax G3 terminals	
criteria:		
PLMN selection	TS 62	
criteria		
	Support of Tolofov C2 Enguro	that call actablishment and the call alcaring
Test purpose:	Support of Telefax G3. Ensure that call establishment and the call clearing	
	procedure is performed correctly when the called user clears after answer.	
ISDN parameter	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
values:		
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
values:		
Comments:		

710403	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.17	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2
		ETS 300 582 [40], Annex B.1.11
TSS reference:	PLMN-ISDN/Basic_call/Successful/Facsimile G3/TC710403	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria	TS 62	
Test purpose:	Support of Telefax G3. Ensure that the GSM BC-IE representing facsimile group 3 is correctly mapped to the ISDN BC value "3,1 kHz audio" and the HLC "facsimile G2/G3" inserted by the network are delivered to the called user.	
ISDN parameter values:	BC= 3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC= facsimile G3, no HLC	
Comments:		

710404	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.17	ETS 300 557 [35], subclause 5.2.1
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.11, B.2.11
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Facsimile G3/TC710404
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria	TS 62	
Test purpose:	Support of Telefax G3. Ensure that the GSM BC-IE representing facsimile group 3 is correctly mapped to the ISDN BC value "3,1 kHz audio" and the HLC "facsimile G2/G3" received from the MS are delivered to the called user.	
ISDN parameter values:	BC= 3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
Comments:		

Alternate speech and facsimile group 3

710501	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2.1	
		ETS 300 604 [42], subclause 10.2.2	
		ETS 300 582 [40], Annex B.1.10	
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and facsimile G3/	
	TC710501	TC710501	
ISDN selection criteria:	Telefax G3 terminals		
PLMN selection criteria:	TS 61		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.		
ISDN parameter values:	BC= 3,1 kHz audio, no HLC		
PLMN parameter	first GSM-BC=speech		
values:	second GSM-BC= facsimile G3, no	o HLC	
Comments:			

710502	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and facsimile G3/
	TC710502	
ISDN selection	Telefax G3 terminals	
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter	BC= 3,1 kHz audio, no HLC	
values:		
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC= facsimile G3, no	o HLC
Comments:		

710503	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.1	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and facsimile G3/
	TC710503	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are mapped to the ISDN BC value "3,1 kHz audio".	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC= facsimile G3, no	o HLC
Comments:		

710504	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to: ETS 300 557 [35], subclause 5.2
	subclause 4.5.5, subclause 5.2	ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and facsimile G3/
	TC710504	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are mapped to the ISDN BC value "3,1 kHz audio" without HLC.	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC= facsimile G3, H	LC= Facsimile G2/G3
Comments:		

740500	lianu di	
710506	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and facsimile G3/
	TC710506	
ISDN selection	Telefax G3 terminals	
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating the service "facsimile G3" and the second indicating "speech" are mapped to the ISDN BC value "3,1 kHz audio" with the HLC = Facsimile G2/G3.	
ISDN parameter	BC= 3,1 kHz audio, HLC = Facsimile G2/G3	
values:		
PLMN parameter	first GSM-BC = Facsimile G3, no HLC	
values:	second GSM-BC=speech	
Comments:		

710507	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		EFEG 200 CO 4 [42] 1 1 10 2 2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and facsimile G3/
	TC710507	
ISDN selection	Telefax G3 terminals	
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating the service "facsimile G3" and the second indicating "speech" are mapped to the ISDN BC value "3,1 kHz audio" with the HLC = Facsimile G2/G3.	
ISDN parameter	BC= 3,1 kHz audio, HLC = Facsimile G2/G3	
values:		
PLMN parameter	first GSM-BC = Facsimile G3, HLC = Facsimile G2/G3	
values:	second GSM-BC=speech	
Comments:		

Alternate Speech / Data

710601	ISDN ref. to: PLMN ref. To:		
	EN 300 403-1 [1],		
	subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2	
		ETS 300 604 [42], subclause 10.3.1.2	
		1213 300 004 [42], subclause 10.3.1.2	
		ETS 300 582 [40], Annex B.1.6	
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and data/	
Too reference.	Livily 10D14/Baolo_bail/Gabbook	sidi/ ittornate opodon and data/	
	TC710601		
ISDN selection	Bearer service 3,1 kHz audio	Bearer service 3,1 kHz audio	
criteria:			
PLMN selection	BS 61		
criteria:			
Test purpose:	Ensure that call establishment and the call clearing procedure is performed		
	correctly when the calling user clears after answer.		
ICDN managed an	DC 24 kHz avdia na HLC		
ISDN parameter	BC= 3,1 kHz audio, no HLC		
values:			
PLMN parameter	first GSM-BC=speech		
values:	LCGM DC 2.11M I' DI MY ' 1 114 ' 1		
	1	x PLMN, voice band data via modem, synchronous	
	mode, user rate 1,2 kbit/s		
Comments:			

710602	ISDN ref. to:	PLMN ref. To:
	EN 300 403-1 [1],	
	subclause 4.5.5, subclause 5.1	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.3.1.2
		ETS 300 582 [40], B 1.6
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and data/
	TC710602	
ISDN selection	Bearer service 3,1 kHz audio	
criteria:	Bearer service of the Educato	
PLMN selection	BS 61	
criteria:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:		
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem,	
	synchronous mode, user rate 1,2 k	bit/s
Comments:		

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710603	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 4.5.5, subclause 5.1	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.3.1.2
		ETS 300 582 [40], B 1.6
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and data/
	TC710603	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	BS 61	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN are mapped to the ISDN BC value "3,1 kHz audio".	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		

710604	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.3.1.2
		ETS 300 582 [40], B 1.6
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Alternate speech and data/
	TC710604	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection	BS 61	
criteria:		
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) and LLC are mapped to the ISDN BC value "3,1 kHz audio" without LLC.	
ISDN parameter	BC= 3,1 kHz audio, no HLC	
values:		
PLMN parameter	first GSM-BC=speech	
values:	·	
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem,	
	synchronous mode, user rate 1,2 k	bit/s
Comments:		

Successful	
Speech followed by data	

710701	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2.1
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], B.1.7
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Speech followed by data/
	TC710701	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	BS 81	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		

710702	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.7, B.2.7.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Speech followed by data/TC710702
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	BS 81	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		

710703	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.7, B.2.7.2
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Speech followed by data/
	TC710703	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	BS 81	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "sequential"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) are mapped to the ISDN BC value "3,1 kHz audio".	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		

710704	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2.1
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.7, B.2.7.1,
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Speech followed by data/TC710704
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection	BS 81	
criteria:		
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "sequential"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) and LLC are mapped to the ISDN BC value "3,1 kHz audio" without LLC.	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		

710705	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.7
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/Speech followed by data/
	TC710705	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	BS 81	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "sequential"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) are mapped to the ISDN BC value "3,1 kHz audio".	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
Comments:		

710706	ISDN ref. to: EN 300 403-1 [1],	PLMN ref. to:
	subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 5.2.1
		ETS 300 582 [40], Annex B.1.7, B.2.7.1
TSS reference:	PLMN-ISDN/Basic_call/Success	ful/Speech followed by data/TC710706
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	BS 81	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "sequential"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) and LLC are mapped to the ISDN BC value "3,1 kHz audio" without LLC.	
ISDN parameter values:	BC= 3,1 kHz audio, no HLC	
PLMN parameter values:	first GSM-BC=speech	
	· ·	PLMN, voice band data via modem, asynchronous kHz audio, voice band data via modem, bit/s
Comments:		

Emergency Calls

710801	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5,	ETS 300 557 [35], subclause 5.2
	,	
	subclause 5.2	ETS 300 604 [42], subclause 10.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/Emergency Call /TC710801
ISDN selection	Emergency service, bearer serv	vice speech
	Emergency service, bearer serv	nce speech
criteria:		
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from a MS with	a valid SIM card. Ensure that call establishment
1		is performed correctly when the calling user
	clears after answer.	
	clears after answer.	
ISDN parameter	BC=speech, no HLC	
values:	opossii, ne rize	
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech, no HLC	
values:	ENIENCENTO TO TOT, CONTIDO - SPECIA, NO FIEC	
values.		
Comments:		

710802	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.1
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/ Emergency Call /TC710802
ISDN selection criteria:	Emergency service, bearer service speech	
PLMN selection criteria:	TS 12;	
Test purpose:	Emergency call from a MS with a valid SIM card. Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC=speech, no HLC	
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech, no HLC	
Comments:		

710803	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/ Emergency Call /TC710803
ISDN selection criteria:	Emergency service, bearer service speech	
PLMN selection criteria:	TS 12	
Test purpose:	Emergency call from a MS without a SIM card. Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC=speech, no HLC	
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech, no HLC	
Comments:	It is an option of the network operator whether to accept emergency calls coming from MSs which do not transmit an IMSI or a TMSI.	

710804	ISDN ref. to:	PLMN ref. to:
710001	EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	ETS 300 557 [35], subclause 4.5.1.5 subclause 5.2.1 ETS 300 604 [42], subclause 10.2.1
TSS reference:	PLMN-ISDN/Basic_call/Success	sful/ Emergency Call /TC710804
ISDN selection criteria:	Emergency service, bearer service speech	
PLMN selection criteria:	TS 12	
Test purpose:	Emergency call from a MS without a SIM card. Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
ISDN parameter values:	BC=speech, no HLC	
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech, no HLC	
Comments:	It is an option of the network operator whether to accept emergency calls coming from MSs which do not transmit an IMSI or a TMSI.	

710805	ISDN ref. to: EN 300 403-1 [1], subclause 4.5.5, subclause 5.2	PLMN ref. to: ETS 300 557 [35], subclause 4.5.1.5 subclause 5.2
TSS reference:	PLMN-ISDN/Basic_call/Success	ETS 300 604 [42], subclause 10.2 sful/ Emergency Call /TC710805
ISDN selection criteria:	Emergency service, bearer service speech	
PLMN selection criteria:	TS 12	
Test purpose:	Emergency call from a MS when the IMSI contained in the SIM Card is not recognized by the VLR. Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
ISDN parameter values:	BC=speech, no HLC	
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech, no HLC	
Comments:	It is an option of the network operator whether to accept emergency calls coming from MSs when the IMSI contained in the SIM Card is not recognized by the VLR.	

- 40000		
710806	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 4.5.5,	ETS 300 557 [35], subclause 4.5.1.5 subclause 5.2.1
	subclause 5.2	ETS 300 604 [42], subclause 10.2.1
		L15 300 004 [42], subclause 10.2.1
TSS reference:	PLMN-ISDN/Basic_call/Succes	sful/ Emergency Call /TC710806
		- ,
ISDN selection	Emergency service, bearer serv	vice speech
criteria:		
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from a MS when the IMSI contained in the SIM Card is not	
		that call establishment and the call clearing
		y when the called user clears after answer.
	procedure is periorified correcti	y when the called user clears after answer.
ISDN parameter	BC=speech, no HLC	
values:	20 0000011, 110 1120	
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech, no HLC	
values:		
Comments:	It is an option of the network operator whether to accept emergency calls coming	
	from MSs when the IMSI contained in the SIM Card is not recognized by the	
	VLR.	Tica in the Chin Cara is not recognized by the
	VLR.	

6.2.7.2 Unsuccessful

Unsuccessful	
speech	

720101	ISDN ref. to: EN 300 403-1 [1], subclause 5. 2	PLMN ref. to: ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-ISDN/Basic_call/Unsucce	essful/Speech/TC720101
ISDN selection criteria:	Speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	NOTE: Some ISDNs provide an # 1.	nouncements instead of sending cause value

- 00400		
720102	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2	ETS 300 557 [35], Annex H.1.6
	Subclause 5.2	215 500 557 [55], 7 milex 11:1:0
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Speech/TC720102
ISDN selection	Bearer service speech;	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy", the network transport the cause value to the calling user.	
ISDN parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:	-	
Comments:		

720103	ISDN ref. to: EN 300 403-1 [1], subclause 5.2	PLMN ref. to: ETS 300 557 [35], H.1.7
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Speech/TC720103
ISDN selection criteria:	Bearer service speech;	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when the called user is not responding, the network initiate call clearing to the calling user with cause value #18 "no user responding".	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

720104	ISDN ref. to:	PLMN ref. to:
720104	EN 300 403-1 [1],	
	subclause 5.2	ETS 300 557 [35], Annex H.1.8
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Speech/TC720104	
ISDN selection	Bearer service speech;	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

700405	IODNI C.	DI MALI
720105	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.1.9,	ETS 300 557 [35], subclause 5.2.1, Annex H.1.9
	subclause 5.3.2, Annex M	
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Speech/TC720105
ISDN selection	Bearer service speech;	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.	
ISDN parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

720106	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2,	ETS 300 557 [35], Annex H.5.3
	Annex M;	
	ETS 300 557 [35] Annex B.3.2	
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Speech/TC720106	
ISDN selection	Bearer service speech	
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination", the network transport the cause value to the calling user.	
ISDN parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

720107	ISDN ref. to: EN 300 403-1 [1], Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.5
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Speech/TC720107	
ISDN selection criteria:	Bearer service speech	
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

Unsuccessful

3,1 kHz audio ex PLMN

720201	ISDN ref. to: 300 403-1, subclause 5.2.1	PLMN ref. to:
		ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC720201	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	NOTE: Some ISDNs provide	announcements instead of sending
	cause value # 1.	

720202	ISDN ref. to: EN 300 403-1 [1], 5.2.5.3	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC720202	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy" the network transports the cause value to the calling user.	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1]) b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

700000	ICDN met to .	DI MNI not to	
720203	ISDN ref. to :	PLMN ref. to:	
	EN 300 403-1 [1],	TTTG 200 555 5251	
	subclause 5.2.5.4.	ETS 300 557 [35], Annex H.1.7	
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2	
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC720203		
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	Audio		
criteria:			
Test purpose:	Ensure that when the called user is nor responding, the network initiate ca		
	clearing to the calling user with	cause value #18 " no user responding".	
ISDN parameter	BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1])		
values:	1) PG 2.1.11 1'. (FTG 200.102.1.[46])		
b) BC=3,1 kHz audio (ETS 3		[02-1 [46])	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN		
values:			
Comments:	According ETS 300 102-1 [46] s	subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in	
	the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-		
	BC		

720204	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2.5.4.	ETS 300 557 [35], Annex H.1.8
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/3,1 kHz audio ex PLMN /TC720204
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
ISDN parameter values:	BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1])	
values:	b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN	
values:		
Comments:		subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in ed to the octets 5a, 5b, 5c and 5d in the ISDN-

720205	ISDN ref. to: EN 300 403-1 [1], subclause 5. 3.2, Annex M	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/3,1 kHz audio ex PLMN /TC720206
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.	
ISDN parameter values:	a) BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1]) b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	According ETS 300 102-1 [46] subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in the GSM-BC shall not be mapped to the octets 5a, 5b, 5c and 5d in the ISDN-BC	

720206	ISDN ref. to: EN 300 403-1 [1], subclause 5. 2.2, Annex M	PLMN ref. to: ETS 300 557 [35], Annex B.3.2, H 5.3
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC720206	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination", the network transport the cause value to the calling user.	
ISDN parameter values:	a) BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1]) b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:		ubclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in ed to the octets 5a, 5b, 5c and 5d in the ISDN-

720207	ISDN ref. to: EN 300 403-1 [1], Annex M	PLMN ref. to:
		ETS 300 557 [35], Annex H.1.5
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/3,1 kHz audio ex PLMN /TC720207
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
ISDN parameter values:	a) BC=3,1 kHz audio, voice band data via modem (EN 300 403-1 [1]) b) BC=3,1 kHz audio (ETS 300 102-1 [46])	
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:		subclause 4.5.5 NOTE 4 the octets 6, 6a, 6b, 6c in ed to the octets 5a, 5b, 5c and 5d in the ISDN-

Unsuccessful	
UDI	

720301	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.1.4	ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/UDI/TC720301	
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

700000	IODAL C.	DI MAL C. C.
720302	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	L 3'	ETS 300 557 [35], Annex H.1.6
	subclause 5.2.5.4.	E15 300 337 [33], 7 milex 11.1.0
TSS reference:	PLMN-ISDN/Basic call/Unsucc	essful/UDI/TC720302
100 10101011001		5551all 551/15125552
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE	
	COMPLETE indicating cause value #17 "user busy" the network transport the	
	cause value to the calling user.	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption	
values:		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:		·
Comments:		

720303	ISDN ref. to : EN 300 403-1 [1], subclause 5.2.5.4	PLMN ref. to: ETS 300 557 [35], Annex H.1.7
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/UDI/TC720303
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that when the called user is nor responding, the network initiate call clearing to the calling user with cause value #18 "no user responding".	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

720304	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.2.5.4	ETS 300 557 [35], Annex H.1.8
	Subclause 5.2.5.4	
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/UDI/TC720304	
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:	With V.110/A.30 Tate adaption	
Comments:		

700005	IODN C 4	DI MALI
720305	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
	subclause 5.3,	ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
	Annex M	
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/UDI/TC720305
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:		
Comments:		

720306	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5. 3, Annex M	ETS 300 557 [35], Annex H.5.3
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/UDI/TC720306	
ISDN selection criteria:	Bearer service UDI	
PLMN selection criteria:	UDI	
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination ", the network transport the cause value to the calling user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate ac	daption
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

720307	ISDN ref. to:	PLMN ref. to:
120001	EN 300 403-1 [1],	
	subclause 5.3,	ETS 300 557 [35], Annex H.1.5
	Annex M	2 3/
TSS reference:	PLMN-ISDN/Basic call/Unsucc	
133 reference.	Livily-10D14/Basic_call/0113dcc	essidi/ODI/10120301
ISDN selection	Bearer service UDI	
criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:		
Comments:		

Unsuccessful Facsimile group 3

720401	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1], subclause 5.2	ETS 300 557 [35], Annex H.1.1	
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Facsimile G3/TC720401	
ISDN selection criteria:	Telefax G3 terminals	Telefax G3 terminals	
PLMN selection criteria:	TS 62		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".		
ISDN parameter values:			
PLMN parameter values:	GSM-BC = facsimile G3		
Comments:	NOTE: Some ISDNs provide ar	nnouncements instead of sending cause value	
	# 1.		

720402	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2.5.1	ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Facsimile G3/TC720402	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy" the network transports the cause value to the calling user.	
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC= facsimile G3	
Comments:		

720403	ISDN ISDN ref. to:	PLMN ref. to:
720100	EN 300 403-1 [1].	Limit for to:
	subclause 5.2.5.4	ETS 300 557 [35], Annex H.1.7
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2
TSS reference:	PLMN-ISDN/Basic_call/Ur	successful/Facsimile G3/TC720403
ISDN selection	Telefax G3 terminals	
criteria:		
PLMN selection	TS 62	
criteria:		
Test purpose:	Ensure that when the called user is nor responding, the network initiate call clearing to the calling user with cause value #18 "no user responding".	
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC = facsimile G3	
Comments:		

720404	ISDN ref. to: EN 300 403-1 [1], subclause 5.2.5.4	PLMN ref. to: ETS 300 557 [35], Annex H.1.8
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC = facsimile G3	
Comments:		

720405	ISDN ref. to: PLMN ref. to:	
720403		
	EN 300 403-1 [1], subclause 5.	
	1.9, subclause 5.3.2, Annex M ETS 300 557 [35], subclause 5.2.1, Annex H.1.9	
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Facsimile G3/TC720405	
ISDN selection	Telefax G3 terminals	
criteria:		
PLMN selection	TS 62	
criteria:		
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE	
	COMPLETE message indicating cause value #21 "call rejected", the network	
	transport the cause value to the calling user.	
ISDN parameter	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
values:		
PLMN parameter	GSM-BC = facsimile G3	
values:		
Comments:		

720406	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5. 2.2, Annex M	ETS 300 557 [35], Annex H. 5.3
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Facsimile G3/TC720406
ISDN selection criteria:	Telefax G3 terminals	
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 " incompatible destination", the network transport the cause value to the calling user.	
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3	
PLMN parameter values:	GSM-BC = facsimile G3	
Comments:		

720407	ISDN ref. to: EN 300 403-1 [1], Annex M	PLMN ref. to: ETS 300 557 [35], Annex H.1.5	
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Facsimile G3/TC720407	
ISDN selection criteria:	Telefax G3 terminals	Telefax G3 terminals	
PLMN selection criteria:	TS 62		
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.		
ISDN parameter values:	BC=3,1 kHz audio, HLC = Facsimile G2/G3		
PLMN parameter values:	GSM-BC = facsimile G3		
Comments:			

Unsuccessful

Alternate speech and facsimile group 3

720501	ISDN ref. to: EN 300 403-1 [1], subclause 5.2	PLMN ref. to: ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC720501	
ISDN selection criteria:		
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
ISDN parameter values:		
PLMN parameter values:	first GSM-BC=speech second GSM-BC = Facsimile G3	
Comments:	NOTE: Some ISDNs provide ar 1.	nnouncements instead of sending cause value #

720502	ICDN ref. to.	DI MNI ref. to.	
720502	ISDN ref. to:	PLMN ref. to:	
	EN 300 403-1 [1], subclause 5.	DTG 200 557 [25]	
	2.5.1	ETS 300 557 [35], Annex H.1.6	
TSS reference:	PLMN-ISDN/Basic_call/Unsucc /TC720502	PLMN-ISDN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC720502	
IODAL I C	Decree control 0.4 ld lo codio		
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	TS 61		
criteria:			
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy", the network transports the cause value to the calling user.		
ISDN parameter values:	BC = 3,1 kHz audio, no HLC		
PLMN parameter	first GSM-BC=speech		
values:	second GSM-BC = Facsimile G3		
Comments:			

720503	ISDN ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1],	
		ETS 300 557 [35], Annex H.1.7
	subclause 5.2.5.4	L15 300 337 [33], Allilex 11.1.7
		ETC 200 500 [41] autolouse 19.2 autolouse 19.2.2
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2
TSS reference:	PLMN-ISDN/Basic call/Unsucc	essful/Alternate speech and facsimile G3
	/TC720503	
	71072000	
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that when the called user is not responding, the network initiate call	
1 ' '		cause value #18 "no user responding".
	leisaning to the saming user man	sades value in to the deel responding .
ISDN parameter	BC = 3,1 kHz audio, no HLC	
values:	,	
PLMN parameter	first GSM-BC=speech	
values:		
	second GSM-BC = Facsimile G3	
Comments:		

720504	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 5.2.5.4	ETS 300 557 [35], Annex H.1.8
TSS reference:	PLMN-ISDN/Basic_call/Unsuccessful/Alternate speech and facsimile group 3 /TC720504	
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
ISDN parameter values:	BC = 3,1 kHz audio, no HLC	
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC = Facsimile G3	
Comments:		

720505	ISDN ref. to: EN 300 403-1 [1], subclause 5.1.9,	PLMN ref. to: ETS 300 557 [35], subclause 5.1, Annex H.1.9
TSS reference:	subclause 5.3.2, Annex M PLMN-ISDN/Basic_call/Unsucce//TC720505	essful/Alternate speech and facsimile group 3
ISDN selection criteria:	Bearer service 3,1 kHz audio	
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.	
ISDN parameter values:	BC = 3,1 kHz audio, no HLC	
PLMN parameter values:	first GSM-BC=speech second GSM-BC = Facsimile G3	
Comments:		

720506	ISDN ref. to:	PLMN ref. to:
720300		PLIVIN Tel. to.
	EN 300 403-1 [1], subclause 5.	EFFG 200 555 (25) A 11.5.2
	2.2, Annex M	ETS 300 557 [35], Annex H.5.3
TSS reference:		essful/Alternate speech and facsimile G3/
	TC720506	
ISDN selection	Bearer service 3,1 kHz audio	
criteria:		
PLMN selection	TS 61	
criteria:		
	Enaura that when the collect use	ar is not compatible and responds with a
Test purpose:	Ensure that when the called user is not compatible and responds with a	
	RELEASE COMPLETE message indicating cause value #88 "incompatible	
	destination", the network transp	ort the cause value to the calling user.
ISDN parameter	BC = 3,1 kHz audio, no HLC	
values:		
PLMN parameter	first GSM-BC=speech	
values:	·	
	second GSM-BC = Facsimile G3	
Comments:		

720507	ISDN ref. to:	PLMN ref. to:	
720307		PLIMIN Tel. to.	
	EN 300 403-1 [1], Annex M	ETC 200 557 [25] A II 1.5	
		ETS 300 557 [35], Annex H.1.5	
TSS reference:	PLMN-ISDN/Basic_call/Unsuc TC720507	PLMN-ISDN/Basic_call/Unsuccessful/Alternate speech and facsimile group 3 TC720507	
ISDN selection	Bearer service 3,1 kHz audio		
criteria:			
PLMN selection	TS 61		
criteria:			
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.		
ISDN parameter values:	BC = 3,1 kHz audio, no HLC		
PLMN parameter	first GSM-BC=speech		
values:	second GSM-BC = Facsimile G3		
Comments:			

Unsuccessful Emergency Calls

720601	ISDN ref. to:	PLMN ref. to:
720001		FLIVING ICI. LO.
	EN 300 403-1 [1],	ETC 200 557 [25] Apper II 1
	subclause 5.2	ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Emergency Calls/TC720601
ISDN selection	Emergency service; bearer serv	ice speech
criteria:		
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from a MS with a valid SIM Card. Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy" the network transports the cause value to the calling user.	
ISDN parameter	BC=speech	
values:	·	
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech	
values:		
Comments:		

720602	ISDN ref. to: EN 300 403-1 [1], subclause 5.2.5.4	PLMN ref. to: ETS 300 557 [35], Annex H.1.8	
TSS reference:	PLMN-ISDN/Basic_call/Unsucc	essful/Emergency Calls/TC720602	
ISDN selection criteria:	Emergency service; bearer serv	Emergency service; bearer service speech	
PLMN selection criteria:	TS 12		
Test purpose:	Emergency call from a MS with a valid SIM Card. Ensure that when no answer from the called user (but user alerted), the network initiate call clearing to the calling user and called user with cause value #19 "no answer from user (user alerted)".		
ISDN parameter values:	BC=speech		
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech		
Comments:			

6.2.8 Test purposes for PLMN-ISDN Supplementary services

6.2.8.1 Bearer capability "speech"

Supplementary Services	
Speech	

810101	ISDN ref. to:	PLMN ref. to:
	ETS 300 092-1 [6]	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 9.3.23.2,
	subclause 4.5.10, subclause 4.5.11	ETS 300 542 [57], subclause 1
	30000000 4.0.11	ETS 300 565 [36], subclause 1
TSS reference:	PLMN-ISDN/Supplementa	ary_services/Speech/CLIP/TC810101
ISDN selection criteria:	The called user is provide	d with CLIP
PLMN selection criteria:	CLIP	
Test purpose:	Ensure that when the Calling party subaddress is provided by the calling user, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.	
ISDN parameter	BC= speech	
values:	Calling party number: PI=PA TON= national/international number SI=NP	
	NPI=ISDN/Telephony numbering plan	
PLMN parameter values:	GSM-BC=speech, Calling party subaddress	
Comments:		

810102	ISDN ref. to: ETS 300 092-1 [6] subclause 9.3 EN 300 403-1 [1],	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2
	subclause 4.5.10	ETS 300 542 [57] , subclause 1, ETS 300 565 [36], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CLIP/TC810102
ISDN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:	CLIP	
Test purpose:	Ensure that when no Calling party subaddress is provided by the calling user, the Calling party number information element is network provided and correctly delivered to the called (served) user.	
ISDN parameter values:	BC= speech, Calling party number: PI=PA TON= national/international number SI=NP NPI=ISDN/Telephony numbering plan	
PLMN parameter values:	GSM-BC=speech	
Comments:		

810201	ISDN ref. to: ETS 300 093-1 [7]	PLMN ref. to:
	ETS 300 092-1 [6] /A2 Fig2	ETS 300 557 [35], 9.3.23.2
		ETS 300 542 [57], subclause 2,
		ETS 300 565 [36], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CLIR/TC810201
ISDN selection criteria:	The called user is provided with	CLIP
PLMN selection criteria:	CLIR	
Test purpose:	The calling user is provided with CLIR permanent mode subscription	
	Ensure that when the Calling party subaddress is provided by the calling user the Calling party number information element is delivered to the called user without any digit information. The Calling party subaddress shall not be present.	
ISDN parameter	BC= speech	
values:	Calling party number: PI=PR TON = NP I= unknown SI=NP	
PLMN parameter values:	GSM-BC=speech, Calling party subaddress	
Comments:		

810202	ISDN ref. to: ETS 300 093-1 [7] subclause 9.4.1 ETS 300 092-1 [6] /A2 Fig2	PLMN ref. to: ETS 300 557 [35], 9.3.23.2 ETS 300 542 [57], subclause 2 ETS 300 565 [36], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CLIR/TC810202
ISDN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:	CLIR	
Test purpose:	The calling user is provided with CLIR permanent mode subscription Ensure that when no Calling party subaddress is provided by the calling user the Calling party number information element is delivered to the called user without any digit information. The Calling party subaddress shall not be present.	
ISDN parameter values:	BC= speech Calling party number: PI=PR TON = NP I= unknown SI=NP	
PLMN parameter values:	GSM-BC=speech	
Comments:		

	T	
810301	ISDN ref. to:	PLMN ref. to:
	ETS 300 097-1 [8]	
	subclause 9.5.1	ETS 300 557 [35], 9.3.5.2
		ETS 300 542 [57], subclause 3
		ETS 300 565 [36], subclause 3
TSS reference:	PLMN-ISDN/Supplementary se	L ervices/Speech/COLP/TC810301
Too reference.	Living 10214/04ppioritoritary_00	71 1003/0p0001//0021 / 1 00 1000 1
ISDN selection	COLP	
criteria:		
PLMN selection	The calling user is provided with	n COLP
criteria:		
Test purpose:	Ensure that when the Connected subaddress number is provided by the called	
	user, the Connected number and Connected subaddress information elements	
	are correctly delivered to the calling (served) user.	
IODAL	Connected subaddress number	
ISDN parameter	Connected subaddress number	
values:	2011 20	
PLMN parameter	GSM-BC=speech;	
values:	Connected number DI-DA SI-LIDVD TON- notional/international number	
	Connected number PI=PA, SI=UPVP, TON= national/international number,	
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
	Connected subaddress number	
Comments:		

810302	ISDN ISDN ref. to: ETS 300 097-1 [8]	PLMN ref. to:
	subclause 9.5.1	ETS 300 557 [35], 9.3.5.2
		ETS 300 542 [57], subclause 3
		ETS 300 565 [36], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/COLP/TC810302
ISDN selection criteria:	COLP	
PLMN selection criteria:	The calling user is provided with COLP	
Test purpose:	Ensure that when no Connected subaddress is provided by the called user, the Connected number information element is network provided and correctly delivered to the calling (served) user.	
ISDN parameter values:		
PLMN parameter	GSM-BC=speech,	
values:	Connected number: SI=NP PI=PA TON= national/international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		

810401	ISDN ref. to:	PLMN ref. to:
	ETS 300 098-1 [9] subclause 9.3.1,	ETS 300 557 [35], 9.3.5.2
	subclause 9.4.1 ETS 300 097-1 [8] /A2 Fig 4	ETS 300 542 [57], subclause 3
		ETS 300 565 [36], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_s	ervices/Speech/COLR/TC810401
ISDN selection	COLR	
criteria:		
PLMN selection criteria:	The calling user is provided with COLP	
Test purpose:	The called (served) user is provided with COLR permanent mode subscription.	
	Ensure that when no Connected number is provided by the called user (and no Connected subaddress), the Connected number information element is network provided and delivered to the calling user without any digit information.	
ISDN parameter values:		
PLMN parameter	GSM-BC=speech,	
values:	Connected number: PI=PR, SI=N	P, TON=unknown, NPI=unknown
Comments:		

ET	ISDN ref. to: ETS 300 138-1 [10] subclause 9.2.2,	PLMN ref. to: ETS 300 546 [33]
	subclause 9.2.4	ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CUG/TC810501
ISDN selection criteria:	Calling user and called user be	ong to the same CUG;
Criteria.	CUG supplementary options: IA;	not ICB
PLMN selection criteria:	CUG supplementary options: no	ot OA; not ocb; not Pref. CUG
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message.	
ISDN parameter values:	BC=speech; Facility IE with cU0 default value, CUG index"	GCall invoke component: "Outgoing access with
PLMN parameter values:	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values:	Suppress Pref. CUG (SPC);	
		Suppress OA (SOA)
Comments:		

040500	ICDN not to:	DI MNI nof to
810502	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	ETG 200 546 [22]
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	ETG 200 500 [20]
		ETS 300 569 [39]
TSS reference:	DI MN ISDN/Supplementery of	ervices/Speech/CUG/TC810502
133 reference:	PLIVIN-13DIN/3upplementary_se	ervices/Speech/COG/TC6T0502
ISDN selection	The called user belongs to the	same CUG with the following CUG
criteria:	supplementary options: IA; not	
PLMN selection	The calling user belongs to a C	UG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pref	
o. no. iai		
Test purpose:	Ensure that when the calling	g user belongs to a CUG with outgoing access
		ed within the CUG and not preferential CUG and
		same CUG with incoming access allowed and not
	incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI),	
	Suppress Pref. CUG (SPC), St	uppress OA (SOA)
	4 11 1 ' CETT	
		JP message with a Facility IE which contains a
	cUGCall invoke component encoded as "Outgoing access with default value, CUG	
	index" and sends an ALERTING of	or CONNECT message.
ISDN parameter	BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with	
values:	default value, CUG index"	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values:		
		Suppress Pref. CUG (SPC);
	Summoss OA (SOA).	
	Suppress OA (SOA);	
Comments:		

810503	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10] subclause 9.2.2, subclause 9.2.4	ETS 300 546 [33]
	040014400 0121	ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CUG/TC810503
ISDN selection criteria:	The called user belongs to the soptions: IA; not ICB	same CUG with the following CUG supplementary
PLMN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message.	
ISDN parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values:	Suppress Pref. CUG (SPC);	
Comments:		

810504	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10] subclause 9.2.2, subclause 9.2.4 Q.735	ETS 300 546 [33] ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CUG/TC810504
ISDN selection criteria:	The called user belongs to CUGIA; ICB	with the following CUG supplementary options:
PLMN selection criteria:	The calling user belongs to the same CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech; ForwardCUG	S-Info: CUG Index (CI); Suppress Pref. CUG (SPC);
Comments:		

810505	ISDN ref. to:	PLMN ref. to:
810303	ETS 300 138-1 [10] subclause 9.2.2, subclause 9.2.4	ETS 300 546 [33] ETS 300 569 [39]
		E13 300 309 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CUG/TC810505
ISDN selection criteria:	The called user belongs to the soptions: IA; not ICB	same CUG with the following CUG supplementary
PLMN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG (SPC), the called user receives a SETUP message with a Facility IE.	
ISDN parameter values:	BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index"	
PLMN parameter values:	GSM-BC=speech; ForwardCUG-Info: Suppress Pref. CUG (SPC);	
Comments:		

040500	ICDN mof to	DI MAI not to
810506	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10]	EFEG 200 546 [22]
	subclause 9.2.2	ETS 300 546 [33]
		ETG 200 500 [20]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CUG/TC810506
ISDN selection	The called user is not a CUG s	ubscriber
criteria:		
PLMN selection	The calling user belongs to a C	JG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE.	
ISDN parameter values:		
	00M PO 5 10HO L.(0HO L. L (0l)	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values:		Suppress Pref. CUG (SPC);
Comments:		

810507	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to:
	subclause 9.2.3	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CUG/TC810507
ISDN selection criteria:	The called user belongs to CUG with the following CUG supplementary options: not IA; not ICB	
PLMN selection criteria:	The calling user is not member of CUG	
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a ForwardCUG-Info the network initiate call clearing to the calling user with cause value # "87 user not a member of CUG".	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

810508	ISDN ref. to: ETS 300 138-1 [10]	PLMN ref. to:
	subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CUG/TC810508
ISDN selection criteria:	The called user is not member of	of CUG
PLMN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: not OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) call establishment is not possible and the network initiate call clearing to the calling user with cause value # 87 "user not a member of CUG".	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values.		Suppress Pref. CUG (SPC);
		Suppress OA (SOA);
Comments:		

0.40.500		
810509	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	
		ETS 300 569 [39]
	DI 101 102 11/0	. /0 / /0/10/700/07/0
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CUG/TC810513
ISDN selection	The called user belongs to the s	same CUG with the following CUG supplementary
criteria:	options: not IA; ICB	9
o. no. iai		
PLMN selection	The calling user belongs to a Cl	JG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pre	
or iteria.		
Test purpose:	Ensure that when the calling us	ser belongs to a CUG with outgoing access is
root parpooo.	allowed, not outgoing calls barred within the CUG and not preferential CUG and	
	the called user belongs to the same CUG with incoming access is not allowed	
		the CUG, after the receipt of a SETUP message
		ontain a ForwardCUG-Info with CUG Index (CI),
	Suppress Pref. CUG (SPC),	
	and astablishment is not possib	le and the network initiate call clearing to the calling
	user with cause value # 55 "incomi	ng calls barred within CUG".
ISDN parameter		
values:		
	0014 00) I. (OHO I. I (OI)
PLMN parameter	GSM-BC=speech; ForwardCUG	-Into: CUG Index (CI);
values:		Communication (CDC).
	Suppress Pref. CUG (SPC);	
Comments:		

040540	IODAL C.	B1 101
810510	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	EFEG 200 5 (0 [20]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary se	rvices/Speech/CUG/TC810510
ISDN selection	Calling user and called user bel	ong to the same CUG;
criteria:		
	CUG supplementary options: not I	A; not ICB
PLMN selection	CUG supplementary options: no	ot OA; not OCB; not Pref. CUG
criteria:		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message.	
ISDN parameter	BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with	
values:	default value, CUG index"	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI).	
values:		
Comments:		

810601	ISDN ref. to:	PLMN ref. to:	
	ETS 300 061-1 [11],		
	subclause 9.2	ETS 300 557 [35], 9.3.23.1.5	
	EN 300 403-1 [1], subclause 4.		
	5.9		
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/SUB/TC810601	
ISDN selection	SUB		
criteria:			
PLMN selection	SUB	SUB	
criteria:			
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user, the Called party subaddress is correctly delivered to the called (served) user		
ISDN parameter	BC=speech, Called party subaddress		
values:			
PLMN parameter	GSM-BC=speech, Called party subaddress		
values:			
Comments:			

810602	ISDN ref. to: ETS 300 061-1 [11], subclause 9.2	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.1.5
	EN 300 403-1 [1], subclause 4.5.9	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/SUB/TC810602
ISDN selection criteria:	SUB	
PLMN selection criteria:	SUB	
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user with length = minimum, the Called party subaddress is correctly delivered to the called (served) user without any digit information	
ISDN parameter values:	BC=speech, Called party subaddress	
PLMN parameter values:	GSM-BC=speech, Called party subaddress	
Comments:		

810701	ISDN ref. to:	PLMN ref. to:
010701	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.5	ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFU/TC810701
ISDN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user " = Yes , "served user receives notification that the call has been forwarded" = Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion. User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFU active	
PLMN parameter values:	GSM-BC=speech	
Comments:		

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810702	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	
	345014430 3.2.0	ETS 300 543 [31], subclause 1
	DIAM (000)	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFU/TC810702
ISDN selection	The user B is in network N2 and	d is provided with CFU ("calling user is notified of
criteria:	call diversion" = No, with divert	ed-to number, "diverting number is released to
		ved user receives notification that the call has
	been forwarded" = No).	
	boom for warded =140).	
PLMN selection	Call to a forwarding subscriber	(CFU)
criteria:		
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C.	
	User A and B are not notified and C is notified of call diversion with a	
	FACILITY IE (Invoke = NotifyS	S [CFU,SS-Notification]) contained in a SETUP
	message.	
ISDN parameter	CFU active	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

810703	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFU/TC810703
ISDN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user "= Yes , "served user receives notification that the call has been forwarded" = Yes).	
PLMN selection criteria:	Call to a forwarding subscriber	(CFU)
Test purpose:	To verify that a call is released correctly if CFU was not successful. User A calls user B, the call is forwarded to user C who is user determined user busy. User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message, user C is notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) included in the incoming SETUP message from the network. User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFU active	
PLMN parameter values:	GSM-BC=speech	
Comments:		

810704	ISDN ref. to: ETS 300 207-1 [15], subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	
ISDN selection criteria:	The user B is in network N2. Partial rerouting provided in PTNX in case of CFU ("calling user is Notified of call diversion" = Yes)	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message of call diversion.	
ISDN parameter values:	CFU - partial rerouting	
PLMN parameter values:	GSM-BC=speech	
Comments:		

810705	ISDN ref. to: ETS 300 207-1 [15],	PLMN ref. to:	
	subclause 10.5	ETS 300 566 [37], subclause 1	
		ETS 300 543 [31], subclause 1	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFU/TC810705	
ISDN selection		rtial rerouting provided in PTNX in case of CFU	
criteria:	("calling user is Notified of call of	("calling user is Notified of call diversion" = No)	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)		
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).		
	User A is not notified with a Famessage of call diversion.	ACILITY (Invoke =NotifySS [CFU, SS-Notification])	
ISDN parameter	CFU - partial rerouting		
values:			
PLMN parameter values:	GSM-BC=speech		
Comments:			

810801	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFB/TC810801
ISDN selection criteria:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user "= Yes , "served user receives notification that the call has been forwarded" = Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFB)	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFB,SS-Notification]) of call diversion. User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFB-UDUB active	
PLMN parameter values:	A: ! GSM-BC=speech; C: ? GSM-BC=speech;	
Comments:		

040000	ICDN not to:	DI MNI not to
810802	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	TTTG 200 F 66 F257
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	TITTE 200 542 5213 1 1 2
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFB/TC810802
ISDN selection	The user B is in network N2 and	d is provided with CFB- UDUB ("calling user is
criteria:	notified of call diversion" = No,	with diverted-to number, "diverting number is
	-	" = No, "served user receives notification that the
	call has been forwarded" =No).	,
PLMN selection	Call to a forwarding subscriber ((CFB)
criteria:		,
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A and B are not notified and t	C is notified with of call diversion a FACILITY IE
		ication]) contained in a SETUP message.
	(invoke =1\othysis [ef B,55 1\oth	reation]) contained in a SET OT message.
ISDN parameter	CFB active	
values:		
PLMN parameter	A: ! GSM-BC=speech;	
values:	,	
	C: ?GSM-BC=speech;	
Comments:		

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810803	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFB/TC810803
ISDN selection criteria:	notified of call diversion" = Yes,	d is provided with CFB- NDUB ("calling user is with diverted-to number, "diverting number is "= Yes , "served user receives notification that the .
PLMN selection criteria:	Call to a forwarding subscriber	(CFB)
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFB,SS-Notification]) of call diversion. User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFB active	
PLMN parameter values:	A: ! GSM-BC=speech; C: ? GSM-BC=speech;	
Comments:		

	T	
810804	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	ETC 200 542 [21] sub-slaves 2
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFB/TC810804
ISDN selection	The user B is in network N2 and	d is provided with CFB-NDUB ("calling user is
criteria:	notified of call diversion" = No,	with diverted-to number, "diverting number is
	released to the diverted-to User	r" = No, "served user receives notification that the
	call has been forwarded" =No).	
	,	
PLMN selection	Call to a forwarding subscriber	(CFB)
criteria:		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A and B are not notified and	C is notified of call diversion with a FACILITY IE
		fication) contained in a SETUP message.
		induction, communication at 22121 incosinger
ISDN parameter	CFB active	
values:		
PLMN parameter	A: ! GSM-BC=speech;	
values:	·	
	C: ? GSM-BC=speech;	
Comments:		

810805	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_s	ervices/Speech/CFB/TC810805
ISDN selection criteria:	The user B is in network N2 and is provided with CFB ("calling user is notified of call diversion" = Yes, with diverted-to number, "diverting number is released to the diverted-to User" = Yes, "served user receives notification that the call has been forwarded" = Yes).	
PLMN selection criteria:	Call to a forwarding subscriber	(CFB)
Test purpose:	To verify that a call is released correctly if CFB was not successful. User A calls busy termination B (that one B-channel is free), the call is forwarded to user C who is user determined user busy.	
ISDN parameter values:	CFB active, User B is in the UDUB condition	
PLMN parameter values:	A: ! GSM-BC=speech; C: ?GSM-BC=speech;	
Comments:	User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFB,SS-Notification]) included in the incoming SETUP message from the network.	
		n with a FACILITY message (DCR) about the mation, user-to-user information, served user B's address.

810806	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 10.5	ETS 300 566 [37], subclause 2
		ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFB/TC810806
ISDN selection criteria:		Intial rerouting provided in PTNX in case of CFB -of call diversion" = Yes , with diverted-to number).
PLMN selection criteria:	Call to a forwarding subscriber (CFB)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification])	
	message of call diversion.	ETT (Invoke = roditysis [et b, sis rodification])
ISDN parameter values:	CFB – partial rerouting	
PLMN parameter values:	GSM-BC=speech	
Comments:		

810807	ISDN ref. to: ETS 300 207-1 [15], subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 2	
	DIAM IODA IO	ETS 300 543 [31], subclause 2	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFB/TC810807	
ISDN selection criteria:		The user B is in network N2. Partial rerouting provided in PTNX in case of CFB-NDUB ("calling user is Notified of call diversion" = No).	
PLMN selection criteria:	Call to a forwarding subscriber (CFB)		
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is not notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message.		
ISDN parameter values:	CFB – partial rerouting		
PLMN parameter values:	GSM-BC=speech		
Comments:			

810808	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15], subclause 10.5	ETS 300 566 [37], subclause 2	
		ETS 300 543 [31], subclause 2	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/CFB/TC810808		
ISDN selection	The user B is in network N2. Partial rerouting provided in PTNX in case of CFB-		
criteria:	UDUB ("calling user is Notified of call diversion" = Yes , with diverted-to number).		
PLMN selection criteria:	Call to a forwarding subscriber (CFB)		
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message of call diversion.		
ISDN parameter	CFB – partial rerouting		
values:			
PLMN parameter	GSM-BC=speech		
values:			
Comments:			

810809	ISDN ref. to: ETS 300 207-1 [15],	PLMN ref. to:	
	subclause 10.5	ETS 300 566 [37], subclause 2	
		ETS 300 543 [31], subclause 2	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/CFB/TC810809		
ISDN selection	The user B is in network N2. Partial rerouting provided in PTNX in case of CFB-		
criteria:	UDUB ("calling user is Notified of call diversion" = No).		
PLMN selection criteria:	Call to a forwarding subscriber (CFB)		
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).		
	User A is not notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message of call diversion.		
ISDN parameter values:	CFB – partial rerouting		
PLMN parameter values:	GSM-BC=speech		
Comments:			

810901	ISDN ref. to:	PLMN ref. to:	
0.000	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.4, subclause 9.2.5	ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/CFNR/TC810901		
ISDN selection criteria:	The user B is in network N2 and is provided with CFNR (option A, late release) ("calling user is Notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user "= Yes).		
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)		
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C.		
ISDN parameter values:	CFNR active		
PLMN parameter values:	GSM-BC=speech		
Comments:	User A is Notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification]) message, user C is Notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFNR,SS-Notification]) included in the incoming SETUP message from the network.		
		with a FACILITY message (DCR) about the ation, user-to-user information, served user B's saddress.	

810902	ISDN ref. to:	PLMN ref. to:	
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.4,	ETS 300 566 [37], subclause 3	
	subclause 9.2.5	ETS 300 543 [31], subclause 3	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/CFNR/TC810902		
ISDN selection	The user B is in network N2 and is provided with CFNR (option A, late release)		
criteria:	("calling user is Notified of call diversion" = No , with diverted-to number, "diverting number is released to the diverted-to User" = No).		
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)		
Test purpose:	Ensure that when user A calls busy user B, if unanswered, the call is forwarded to user C.		
ISDN parameter values:	CFNR active		
PLMN parameter values:	GSM-BC=speech		
Comments:	User A and user B are not Notified and user C is Notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFNR,SS-Notification]) included in the incoming SETUP message from the network.		

810903	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9. 2.2, subclause 9.2.4.4, subclause 9.2.5	ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFNR/TC810903
ISDN selection criteria:	immediate release) ("calling use	It is provided with CFNR (option B, er is Notified of call diversion" = Yes , with sumber is released to the diverted-to user "= Yes).
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)
Test purpose:	Ensure that when user A calls u C.	ser B, if unanswered, the call is forwarded to user
ISDN parameter values:	CFNR active	
PLMN parameter values:	GSM-BC=speech	
Comments:	message, user C is Notified of o	TY (Invoke =NotifySS [CFNR, SS-Notification]) call diversion with a FACILITY IE (Invoke n]) included in the incoming SETUP message
		with a FACILITY message (DCR) about the ation, user-to-user information, served user B's s address.

810904	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9. 2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFNR/TC810904
ISDN selection	The user B is in network N2 and	is provided with CFNR (option B,
criteria:	immediate release) ("calling use	er is Notified of call diversion" = No , with diverted-
	to number, "diverting number is	released to the diverted-to User" = No).
PLMN selection	Call to a forwarding subscriber (CFNR)	
criteria:		
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C.	
ISDN parameter	CFNR active	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		ied and user C is Notified of call diversion with a [CFNR,SS-Notification]) included in the incoming ork.

810905	ISDN ref. to:	PLMN ref. to:
010903	EN 300 403-1 [1], subclause 9.	F LIVIN 161. LO.
	:	ETS 300 566 [37], subclause 3
	2.2,	215 500 500 [57], sabeliause 5
	subclause 9.2.4.4,	ETS 300 543 [31], subclause 3
	subclause 9.2.5	L 3/
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFNR/TC810905
ISDN selection	The user B is in network N2 and	d is provided with CFNR (option B,
criteria:	immediate release) ("calling use	er is Notified of call diversion" = Yes, with
	diverted-to number, "diverting n	umber is released to the diverted-to User" = Yes).
PLMN selection	Call to a forwarding subscriber	(CFNR)
criteria:	3	,
Test purpose:	Ensure that when user A calls u	ser B, the call is released correctly if CFNR was
l oot par pooor	not successful.	20. 2, and cam is released controlly in critical
	Ensure that when user A calls u	ser B, if unanswered, the call is forwarded to user C
	who is user determined user busy.	
ISDN parameter	CFNR active	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	User A is Notified with a FACILI	TY (Invoke =NotifySS [CFNR, SS-Notification])
		call diversion with a FACILITY IE (Invoke
		on]) included in the incoming SETUP message
	from the network.	
	User B is Notified of call diversion	with a FACILITY message (DCR) about the
	telecommunications service inform	ation, user-to-user information, served user B's
	subaddress and the calling party A	's address.

810906	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9. 2.2, subclause 10.5	ETS 300 566 [37], subclause 3
		ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFNR/TC810906
ISDN selection criteria:	CFNR (option A, late release) ("	rtial rerouting provided in PTNX in case of calling user is Notified of call diversion" = Yes,
	with diverted-to number).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).	
	User A is notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification]) message of call diversion.	
ISDN parameter	CFNR - partial rerouting	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

810907	ISDN ref. to: EN 300 403-1 [1], subclause 9. 2.2, subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFNR/TC810907
ISDN selection criteria:		rtial rerouting provided in PTNX in case of calling user is Notified of call diversion" = No).
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is not notified with a FACILITY (Invoke =NotifySS [CFNR SS-Notification]) message of call diversion.	
ISDN parameter values:	CFNR - partial rerouting	
PLMN parameter values:	GSM-BC=speech	
Comments:		

810908	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9. 2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CFNR/TC810908
ISDN selection criteria:	The user B is in network N2. Partial rerouting provided in PTNX in case of CFNR (option B, immediate release). ("calling user is Notified of call diversion" = Yes, with diverted-to number).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).	
	User A is notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification]) message.	
ISDN parameter	CFNR - partial rerouting	
values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

810909	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1], subclause 9. 2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CFNR/TC810909
ISDN selection	The user B is in network N2. Pa	rtial rerouting provided in PTNX in case of
criteria:	CFNR (option B, immediate release). ("calling user is Notified of call diversion" = No).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).	
	User A is not notified with a FACILITY (Invoke =NotifySS [CFNR SS-Notification]) message.	
ISDN parameter	CFNR - partial rerouting	
values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

811001	ISDN ref. to: ETS 300 141-1 [18], subclause 7 ETS 300 196-1, subclause 7.1	PLMN ref. to: ETS 300 544 [32], subclause 2
		ETS 300 567 [38], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/HOLD/TC811001
ISDN selection criteria:	The calling user is provided with HOLD	
PLMN selection criteria:	HOLD	
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is notified of call hold and the call can be retrieved	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

811002	ISDN ref. to: ETS 300 141-1 [18], subclause 7 ETS 300 196-1, subclause 7.1	PLMN ref. to: ETS 300 544 [32], subclause 2 ETS 300 567 [38], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	 ervices/Speech/HOLD/TC811002
ISDN selection criteria:	The called user is provided with HOLD	
PLMN selection criteria:	HOLD	
Test purpose:	Ensure that the called user can initiate Call Hold, the calling remote user is notified of call hold and the call can be retrieved.	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

811101	ISDN ref. to:	PLMN ref. to:
	ETS 300 058-1 [19],	
	subclause 7	ETS 300 544 [32], subclause 1
	EN 300 403-1 [1], subclause	ETS 300 567 [38], subclause 1
	4.5.2.1	1213 300 307 [30], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_s	ervices/Speech/CW/TC811901
ISDN selection	The called user is provided with	h CW
criteria:	·	
PLMN selection	CW	
criteria:		
Test purpose:	Ensure that the called ISDN user is busy, the called user is notified of the call	
	waiting.	
ISDN parameter	BC=speech	
values:	20-3pccom	
values.		
PLMN parameter	GSM-BC=speech	
values:	·	
_		
Comments:		

811102	ISDN ref. to:	PLMN ref. to:
	ETS 300 058-1 [19],	
	subclause 7	ETS 300 544 [32], subclause 1
	EN 300 403-1 [1], subclause	
	4.5.2.1	ETS 300 567 [38], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CW/TC811102
ISDN selection	The called user is provided with	CW
criteria:		
PLMN selection	CW	
criteria:		
Test purpose:	Ensure that the Waiting call is released at the terminating exchange after timer expired	
ISDN parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

	_	
811201	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13]	
	subclause 9.1.1.1,	ETS 300 557 [35], subclause 10.5.4.25,
	subclause 9.1.2.1	
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/UUS1/TC811201
ISDN selection	UUS1i	
criteria:		
PLMN selection	The calling (served) user is provided with UUS1 implicit request	
criteria		
Test purpose:	Ensure that the network can transport a User-user information element included in the SETUP message sent from the calling user and delivered in the SETUP message sent by the network to the called user	
ISDN parameter values:	BC=speech, UI length=32	
PLMN parameter	GSM-BC=speech, UI length=32	
values	_	
Comments:		

044000	IODN (t-	DI MAL C. C.
811202	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.1	ETS 300 557 [35], subclause 10.5.4.25,
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/UUS1/TC811202
ISDN selection	UUS1i	
criteria:		
PLMN selection	The calling (served) user is provided with UUS1 implicit request	
criteria		
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the ALERTING message sent from the called user to the calling user.	
ISDN parameter	BC=speech, UI length=32	
values:		
PLMN parameter values	GSM-BC=speech, UI length=32	
Comments:		

044000	IODNI C.	DI MALI
811203	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.1	ETS 300 557 [35], subclause 10.5.4.25,
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/UUS1/TC811203
ISDN selection	UUS1i	
criteria:		
PLMN selection	The calling (served) user is provided with UUS1 implicit request	
criteria		
Test purpose:		ion of UUS1, the network can transport a Usered in the CONNECT message sent from the
ISDN Parameter	BC=speech, UI length=32	
values:		
PLMN parameter values:	GSM-BC=speech, UI length=32	
Comments:		

811204	ISDN ref. to: ETS 300 286-1 [13], subclause 9.1.2.2.1a EN 300 403-1 [1],	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:		ervices/Speech/UUS1/TC811204
ISDN selection criteria:	UUS1i	
PLMN selection criteria:	The calling (served) user is provided with UUS1 implicit request	
Test purpose:	Ensure that after implicit activation of UUS1 and with the call in the active state, the network can transport a User-user information element included in a call clearing DISCONNECT message sent from the calling user and delivered in the DISCONNECT message sent by the network to the called user.	
ISDN parameter values:	BC=speech, UI length=32	
PLMN parameter values	GSM-BC=speech, UI length=32	
Comments:		

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811205	ISDN ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.2.1b	ETS 300 557 [35], subclause 10.5.4.25,
	EN 300 403-1 [1],	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/UUS1/TC811205
ISDN selection	UUS1i	
criteria:		
PLMN selection	The calling (served) user is prov	vided with UUS1 implicit request
criteria		
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in premature clearing RELEASE COMPLETE message sent from the called user and delivered in the DISCONNECT message sent by the network to the calling user	
ISDN parameter	BC=speech, UI length=32	
values:		
PLMN parameter values	GSM-BC=speech, UI length=32	
Comments:		

811206	ISDN ref. to: ETS 300 286-1 [13], subclause 9.1.1.2.2 EN 300 403-1 [1], subclause 7	PLMN ref. to:
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/UUS1/TC811206
ISDN selection criteria:	UUS1i	
PLMN selection criteria:	The calling (served) user is prov	rided with UUS1 implicit request.
Test purpose:	To verify that UUI can be discar Normal call handling	ded by the ISDN network without disrupting
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

NON-SYMMETRICAL TESTS

820101	ISDN ref. to: ETS 300 055-1 [12], subclause 9.2.1 EN 300 403-1 [1], subclause	PLMN ref. to: ETS 300 646-1subclause 6.1.1.3
TSS reference:	5.6 PLMN-ISDN/Supplementary_se	ervices/Speech/TP/TC820101
ISDN selection criteria:	ТР	
PLMN selection criteria:		
Test purpose:	Ensure that the calling user is notified of the call suspension and resumption by the called user	
ISDN parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	The called user must be a basic access	

820102	ISDN ref. to:	PLMN ref. to:
620102		PLIVIN Tel. to.
	ETS 300 055-1 [12],	ETEG 200 (46.1 1.1 6.1.1 2
	subclause 9.2.2	ETS 300 646-1 subclause 6.1.1.3
	EN 300 403-1 [1], subclause	
	5.6.5	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/TP/TC820102
ISDN selection	TP	
criteria:		
PLMN selection		
criteria:		
Test purpose:	Ensure that when the call is suspended, with the expire of timer T307 before the call re-establishment, the network starts call clearing to the (still) active side with	
	cause value #102 "recovery on	timer expire".
ISDN Parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	The called user must be a basic	access

820201	ISDN ref. to: ETS 300 130-1 [16]	PLMN ref. to: ETS 300 646-1subclause 6.1.1.7
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/MCID/TC820201
ISDN selection criteria:	MCID	
PLMN selection criteria:		
Test purpose:	Ensure that if MCID is invoked by the called user in the Active call state, the call is registered.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820202	ISDN ref. to: ETS 300 130-1 [16]	PLMN ref. to: ETS 300 646-1subclause 6.1.1.7
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/MCID/TC820202
ISDN selection criteria:	MCID	
PLMN selection criteria:		
Test purpose:	Ensure that if MCID in invoked by the called user in the Disconnect Indication call state, the call is registered.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

222224		
820301	ISDN ref. to:	PLMN ref. to:
	EN 300 403-1 [1] subclause 5.2	
		ETS 300 517, ETS 300 545
TSS reference:	PLMN-ISDN/Supplementary se	rvices/Speech/MPTY/TC820301
		·
ISDN selection	MTPY	
criteria:		
0		
PLMN selection		
criteria:		
Test purpose:	Ensure that the user A can esta	blish a MPTY call to user B and user C.
· ·		
	User A is terminating the entire mu	lti party call.
		1
ISDN Parameter	BC=speech	
values:		
1 411 41 41 41	CCM BC anacah	
PLMN parameter	GSM-BC=speech	
values:		
Comments:	The ISDN user B is in network N	N2. The PLMN user A and PLMN user C are in
	network N1 User A calls user B	After call establishment user A initiates call
		After call establishment user A invokes the MPTY
		message to the network containing the
	BuildMTPY request which indicated	ates to the network that the mobile subscriber
	wishes all his calls to be connect	ted together in a multi party call. User A is
	terminating the entire multi party	
	torrinating the entire main party	, Juli

820302	ISDN ref. to: PLMN ref. to:
	EN 300 403-1 [1] subclause 5.2 ETS 300 517, ETS 300 545
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820302
ISDN selection criteria:	MPTY
PLMN selection criteria:	
Test purpose:	Ensure that the user A can establish a MPTY call to user B and user C and release the remote party C. The call clearing procedure to user B is performed from user A.
ISDN Parameter values:	BC=speech
PLMN parameter values:	GSM-BC=speech
Comments:	The ISDN user B is in network N2. The PLMN user A and PLMN user C are in network N1. User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. The call clearing procedure to user B is performed from user A.

820303	ISDN ref. to: EN 300 403-1 [1] subclause 5.2 ETS 300 517, ETS 300 545
	222 200 217, 212 200 216
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820303
ISDN selection criteria:	MPTY
PLMN selection criteria:	
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C. Afterwards the remote party C disconnects itself from the call. The call clearing procedure to user B is performed from user A.
ISDN Parameter values:	BC=speech
PLMN parameter values:	GSM-BC=speech
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.

820304	ISDN ref. to: PLMN ref. to:	
	EN 300 403-1 [1] subclause 5.2 ETS 300 517, ETS 300 545	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820304	
ISDN selection criteria:	MPTY	
PLMN selection criteria:		
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1.Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User A terminates the multi-party call and the single active call.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.	

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820305	ISDN ref. to: PLMN ref. to:		
	EN 300 403-1 [1] subclause 5.2 ETS 300 517, ETS 300 545		
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820305		
ISDN selection criteria:	MPTY		
PLMN selection criteria:			
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1.Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User A is terminates the held multi party, user B is clears the A-B ACTIVE call.		
ISDN Parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold		
	notifications to the remote parties on hold in the MPTY call.		

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820306	ISDN ref. to: PLMN ref. to:	
	EN 300 403-1 [1] subclause 5.2	
	ETS 300 517, ETS 300 545	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820306	
	,_ ,_ ,_	
ISDN selection	MPTY	
criteria:		
PLMN selection		
criteria:		
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call.	
ISDN Parameter	BC=speech	
values:	· ·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.	
	To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.	
	User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the MPTY, user A terminates the multi-party call.	

820307	ISDN ref. to: PLMN ref. to:	
020007	EN 300 403-1 [1] subclause 5.2	
	ETS 300 517, ETS 300 545	
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820307	
ISDN selection criteria:	MPTY	
PLMN selection criteria:		
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1.Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User C is clearing the MPTY held call. User B is clearing the A-B Active call.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold	
	notifications to the remote parties on hold in the MPTY call. User C is clearing the MPTY held call. User B is clearing the A-B Active call.	
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020200	ICON set to		
820308	ISDN ref. to: PLMN ref. to:		
	EN 300 403-1 [1] subclause 5.2 ETS 300 517, ETS 300 545		
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820308		
ISDN selection criteria:	MPTY		
PLMN selection criteria:			
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1.Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User A invokes the MPTY service and join the single active call and the held MPTY together. User A is terminating the entire multi party call.		
ISDN Parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.		
	To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.		
	User A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes to join the single active call and the held MPTY together in a multi party call. User A is terminating the entire multi party call.		

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820309	ISDN ref. to: PLMN ref. to:		
	EN 300 403-1 [1] subclause 5.2		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820309		
	- · · · · · · · · · · · · · · · · · · ·		
ISDN selection	MPTY		
criteria:			
PLMN selection			
criteria:			
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in		
	network N1.Ensure that the user A can establish a MPTY call to user B and user		
	C and separate the remote user B from the multi-party call which is placed on		
	hold (A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an		
	ACTIVE –HOLD- REQUEST connection.		
	AS A LATE OF THE STATE OF THE A DEPTHY AND A		
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call		
	is an active connection and the A-B call has an Active-Held connection. (A-B HELD /		
	MPTY ACTIVE).		
	User A is terminating the multi party call. User B is clearing the Active-Held call.		
	eser it is terminating the matri party can. eser b is elearing the receive rich can.		
ISDN Parameter	BC=speech		
	20 opens.		
values:			
PLMN parameter	GSM-BC=speech		
values:			
Comments:			
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820310	ISDN ref. to: PLMN ref. to:		
	EN 300 403-1 [1] subclause 5.2		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820310		
ISDN selection	MPTY		
criteria:			
PLMN selection			
criteria:			
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	separate the remote user B from the multi-party call which is placed on hold		
	(A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.		
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).		
	User B is terminating the multi party call. After the completion of the Retrieve function concerning the A-B Active-Held call, user A is clearing the A-B connection.		
ISDN Parameter	BC=speech		
values:			
PLMN parameter	GSM-BC=speech		
values:			
Comments:			

820311	ISDN ref. to: PLMN ref. to:		
	EN 300 403-1 [1] subclause 5.2		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/MPTY/TC820311		
ISDN selection criteria:	MPTY		
PLMN selection criteria:			
Test purpose:	The ISDN User B is in network N2. The PLMN user A and PLMN user C are in network N1.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	separate the remote user B from the multi-party call which is placed on hold		
	(A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.		
	After the completion of the Retrieve function concerning the MPTY call, the MPTY calls an active connection and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE). User B is terminating the multi party call. After the completion of the Retrieve function concerning the A-B Active-Held call, user A is clearing the A-B connection. Ensure that the user A can establish a MPTY call to user B and user C and		
	separate the remote user B from the multi-party call which is placed on hold		
	(A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.		
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).		
	User C is terminating the multi party call. After the completion of the Retrieve function concerning the A-B Active-Held call, user B is clearing the A-B connection.		
ISDN Parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:			

820401	ISDN ref. to: ETS 300 369-1 [20], subclause 9	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/ECT/TC820401	
ISDN selection criteria:	ECT	
PLMN selection criteria:		
Test purpose:	The ISDN User B is in network N2 and is provided with ECT using implicit linkage. The PLMN user A and the PLMN user C are in network N1. Ensure that when user B invokes ECT in which the call A-B is in the Active call state – Call Held auxiliary state and the call B-C is in the Active call state a connection between user A and user C is established and the calls A-B and B-C are released. The call clearing procedure of the B-C connection is performed from user B.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820402	ISDN ref. to:	DI MN rof to	
020402		PLMN ref. to:	
	ETS 300 369-1 [20],		
	subclause 9	ETS 300 557 [35], subclause 5.2	
TSS reference:	PLMN-ISDN/Supplementary_se	n/ices/Sneech/FCT/TC820/02	
133 leieleile.	Livity-10D14/Oupplementary_se	1VICes/Opeeci//201/10020402	
ISDN selection	ECT		
criteria:			
PLMN selection			
criteria:			
Test purpose:	The ISDN user B is in network N2 and is provided with ECT using implicit		
	linkage. The PLMN user A and PLMN user C are in network N1.		
	Ensure that when user B invokes ECT in which the call A-B is in the Active call sate and		
	the call B-C is in the Active call state – Call Held auxiliary state , a connection between user A and user C is established and the calls A-B and B-C are released. The		
	call clearing procedure of the B-C connection is performed from user C.		
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ISDN Parameter	BC=speech		
values:			
PLMN parameter	GSM-BC=speech		
values:	-		
Comments:			

820403	ISDN ref. to:	PLMN ref. to:
	ETS 300 369-1 [20], subclause 9	ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_services/Speech/ECT/TC820403	
ISDN selection criteria:	ECT	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with ECT using implicit linkage. Ensure that when user B invokes ECT in which the call A-B is in the Active call state - Call Held auxiliary state and the call B-C is in the Call Delivered State a connection between user A and user C is established and the calls A-B and B-C are released. When network C receives a CONNECT message from user C, network C shall proceed with the basic call procedure for the user C. The call clearing procedure of the B-C connection is performed from user B.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820404	ISDN ref. to: ETS 300 369-1 [20], subclause 9	PLMN ref. to: ETS 300 557 [35], subclause 5.2	
TSS reference:	PLMN-ISDN/Supplementary_se	PLMN-ISDN/Supplementary_services/Speech/ECT/TC820403	
ISDN selection criteria:	ECT		
PLMN selection criteria:			
Test purpose:	The ISDN user B is in network N2 and is provided with ECT using implicit linkage. Ensure that when user B invokes ECT in which the call A-B is in the Active call state and the call B-C is in the Call Delivered State - Call Held auxiliary state , a connection between user A and user C is established and the calls A-B and B-C are released. When network C receives a CONNECT message from user C, network C shall proceed with the basic call procedure for the user C. The call clearing procedure of the B-C connection is performed from user C.		
ISDN Parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:			

820501	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820501
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "clear call on invocation".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. Afterwards the network shall release user B with a DISCONNECT message with cause #31 and a facility IE with a CallDeflection return result component.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820502	ISDN ref. to: ETS 300 207	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_so	ervices/Speech/CD/TC820502
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "clear call on invocation"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. Afterwards the network shall release user B with a DISCONNECT message with cause #31 and a facility IE with a CallDeflection return result component.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820503	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820503
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "clear call on invocation"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. Afterwards the network shall release user B with a DISCONNECT message with cause #31 and a facility IE with a CallDeflection return result component.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820504	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820504	
ISDN selection criteria:	· · · · · · · · · · · · · · · · · · ·	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:			
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Call Received Call state N07 the user B receives a DISCONNECT or RELEASE message with cause #31.		
ISDN Parameter values:	BC=speech		
PLMN parameter values:	GSM-BC=speech		
Comments:			

820505	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820505
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Call Received Call state N07 the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820506	ISDN ref. to: ETS 300 207	PLMN ref. to:
	210 000 207	ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820506
ISDN selection		erved user call retention on invocation of
criteria:	diversion" is "retain call until ale	rting begins at diverted-to user"
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Call Received Call state N07 the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820507	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/CD/TC820507
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Connect Request call state N08, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820508	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_s	ervices/Speech/CD/TC820508
ISDN selection criteria:	CD; (Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user").	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Connect Request call state N08, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

920500	ICDN ref to:	DI MAL not to
820509	ISDN ref. to:	PLMN ref. to:
	ETS 300 207	EEE 200 557 (25) 1 1 5 2
		ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	Larvices/Speech/CD/TC820500
1 33 reference.	Livin-10D11/00pplementary_30	Fivices/Opeech/OD/ 1 0020000
ISDN selection	CD; Network provider option "se	erved user call retention on invocation of
criteria:	diversion" is "retain call until ale	rting begins at diverted-to user".
PLMN selection		
criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25 receives a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Connect Request call state N08, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

820510	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820510
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Active state, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820511	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/CD/TC820511
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Active state, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820512	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementar	y_services/Speech/CD/TC820512
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Active state, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820601	ISDN ref. to:	PLMN ref. to:
		ETS 300 548 [34]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/Speech/Call barring service/TC820601
ISDN selection criteria:		
PLMN selection criteria:	Call barring service	
Test purpose:	The calling user activates Barring of Outgoing international Calls except those to the home PLMN country (BOIC-exHC). The user is roaming outside the home PLMN country. Barring of Outgoing international Calls except those to the home PLMN country is supported by the PLMN in which the served mobile subscriber currently roams. Ensure that when the calling user activates Barring of Outgoing International Calls except those to the home PLMN country (BOIC-exHC) and the user is roaming outside the home PLMN country, call establishment to the home PLMN country is successful.	
ISDN Parameter values:	BC=speech	
PLMN parameter values:	GSM-BC=speech	
Comments:		

820701	ISDN ref. to:	PLMN ref. to:
	ETS 300 185-1 [14],	
	subclause 9.2.2, ANNEX A,	ETS 300 646-1 subclause 6.1.1.8
	Figure A.2	
TSS reference:		ervices/Speech/CONF/TC820701
		31113337343331733311713323131
ISDN selection	CONF	
criteria:		
PLMN selection		
criteria:		
Test purpose:	The ISDN user B is in network	N2 and is provided with CONF. The PLMN user A
	and PLMN user C are in netwo	
	Ensure that user A calls user B. User B can establish a conference from the Active call	
	state to user C.	
ISDN Parameter	BC=speech	
values:		
PLMN parameter	GSM-BC=speech	
values:	·	
Comments:	User A calls user B. After th	e call establishment
	[in the (Active, Idle) state] user B	sends a FACILITY message including a Facility IE
	which shall contain a BeginCONI	F invoke component indicating the call reference of the
	call to be added.	
		o user B with a FACILITY message including a
		BeginCONF return result component in a Facility
	IE.	

820801	ISDN ref. to:	PLMN ref. to:
	ETS 300 188-1 [17],	ETS 300 646-1, subclause 6.1.1.14
	subclause 9.2	·
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/3PTY/TC820801
ISDN selection	3PTY	
criteria:		
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N	N2 and is provided with 3PTY.
	The PLMN user A and PLMN user	Consider naturals N1
	The PLMIN user A and PLMIN user	r C are in the network N1.
		er B can establish a three-way conversation call with
		dle connection. After the completion of the Retrieve
	function, the call clearing procedure is performed from user B.	
ISDN Parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:	User A calls user B. After initiating of call hold from the user B, the call A-B	
Comments:	has an Active-Held connection.	
	User B is calling user C (with the CRy). The call (B-C) has an Active-Idle connection.	
	When user B sends a FACILITY message for CRx containing a facility IE will Begin3PTY invoke component the network shall respond with a FACILITY mess containing a facility IE with a Begin3PTY return result component for CRx. The way bridge is established. On receipt of a DISCONNECT message from the user B relating to the Active connection (CRy) the network shall clear the call to user C with a DISCONNECT message. After the release of the three-way bridge the network is sending to the ruser A the notification "Remote hold".	
		ssage for CRx. User B shall receive a RETRIEVE call A-B has an Active-Idle connection.
	The call clearing procedure is perfe	ormed from user A.

920902	ICDN rof to:	DI MNI ref. to.
820802	ISDN ref. to:	PLMN ref. to:
	ETS 300 188-1 [17],	ETS 200 646 1 gubolouse 6 1 1 14
	subclause 9.2	ETS 300 646-1, subclause 6.1.1.14
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/Speech/3PTY/TC820802
ISDN selection criteria:	3PTY	
PLMN selection		
criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with 3PTY.	
	The PLMN user A and PLMN user	r C are in the network N1.
	Ensure that user A calls user B. Us	er B can establish a three-way conversation call with
		dle connection. After the completion of the Retrieve
	function, the call clearing procedur	
	function, the can elearing procedure is performed from user B.	
ISDN Parameter	BC=speech	
values:	·	
PLMN parameter	GSM-BC=speech	
values:		
Comments:	User A calls user B. After initiating of call hold from the user B, the call A-B has an Active-Held connection.	
	User B is calling user C (with the CRy). The call (B-C) has an Active-Idle connection.	
	When user B sends a FACILITY message for CRx containing a facility IE with a Begin3PTY invoke component the network shall respond with a FACILITY message containing a facility IE with a Begin3PTY return result component for CRx. The three-way bridge is established. On receipt of a DISCONNECT message from the user B relating to the Active-Held connection (CRx) the network shall clear the call to user A with a DISCONNECT message. After the release of the three-way bridge the call B-C has an Active-Idle connection. The call clearing procedure is performed from user C.	

6.2.8.2 Bearer capability "UDI"

Supplementary Services	
UDI	

830101	ISDN ref. to: ETS 300 092-1 [6], subclause 9.3, EN 300 403-1 [1], subclause 4.5.10,	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2 ETS 300 542 [57], subclause 1,	
	subclause 4.5.11	ETS 300 565 [36], subclause 1	
TSS reference:	PLMN-ISDN/Supplement	PLMN-ISDN/Supplementary_services/UDI/CLIP/TC830101	
ISDN selection criteria:	The called user is provided with CLIP		

PLMN selection	CLIP
criteria:	
Test purpose:	Ensure that when Calling party subaddress is provided by the calling user, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.
ISDN parameter	BC=UDI with V.110/X.30 rate adaption,
values:	Calling party number PI=PA SI=NP, TON=national/international NPI=ISDN/Telephony numbering plan
	Calling party subaddress number
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption,
values:	Calling party subaddress number
Comments:	

830102	ISDN ref. to: ETS 300 092-1 [6] subclause 9.3 EN 300 403-1 [1], subclause 4.5.10	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2 ETS 300 542 [57], subclause 1,
		ETS 300 565 [36], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CLIP/TC830102
ISDN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:	CLIP	
Test purpose:	Ensure that when No Calling party subaddress information element is provided by the calling user, the Calling party number information element is network provided and correctly delivered to the called (served) user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption; Calling party number PI= PA, SI=NP TON= national/international; NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

830201	ISDN ref. to: ETS 300 093-1 [7], subclause 9.4.1: ETS 300 092-1 [6] /A2 Fig2	PLMN ref. to: ETS 300 557 [35], 9.3.23.2 ETS 300 542 [57], subclause 2, ETS 300 565 [36], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CLIR/TC830201
ISDN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:	CLIR	
Test purpose:	The calling user is provided with CLIR permanent mode subscription	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption; Calling party number: PI=PR, TON = unknown, NPI = unknown SI=NP	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Calling party subaddress	
Comments:		

-		
830301	ISDN ref. to:	PLMN ref. to:
	ETS 300 097-1 [8],	
	subclause 9.5.1	ETS 300 557 9.3.subclause 5.1, 9.3.23.2
		ETS 300 542 [57], subclause 3,
		ETS 300 565 [36], subclause 3
		[215 300 303 [30], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/COLP/TC830301
IODM and and an	001.0	
ISDN selection	COLP	
criteria:		
PLMN selection	The calling user is provided with COLP	
criteria:		
Test purpose:	Ensure that when the Connected subaddress number is provided by the called user, the Connected number and Connected subaddress information elements	
	are correctly delivered to the calling (served) user.	
1001	RC-LIDI with 1/ 110/X 30 rate adaption:	
ISDN parameter	BC=UDI with V.110/X.30 rate a	adaption;
values:	Connected subaddress	
	Connected subaddress	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:		
	PI= PA, SI=UPVP, TON= national/international, Connected subaddress,	
	NDV 10DN/T 1 1 1 1 1 1 (TDV TD) E 164 [25])	
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		

830302	ISDN ISDN ref. to: ETS 300 097-1 [8], subclause 9.5.1	PLMN ref. to: ETS 300 557 9.3.subclause 5.1, ETS 300 542 [57], subclause 3, ETS 300 565 [36], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	
133 reference.	F Livin-13D17/3upplementary_se	si vices/ODI/COEF/ i C830302
ISDN selection criteria:	COLP	
PLMN selection criteria:	The calling user is provided with COLP	
Test purpose:	Ensure that when No Connected subaddress is provided by the called user, the Connected number information element is network provided and correctly delivered to the calling (served) user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption,	
values:	Connected number: PI= PA SI=NP TON= national/international,	
	NPI= ISDN/Telephony numbering	plan (ITU-T Rec. E.164 [25])
Comments:		

830401	ISDN ref. to: ETS 300 098- subclause 19.3.1, subclause 9.4.1 ETS 300 097-1 [8] /A2 Fig 4	PLMN ref. to: ETS 300 557 [35] subclause 9.3, subclause 5.1, subclause 9.3.23.2 ETS 300 542 [57], clause 3 ETS 300 565 [36], clause 3
TSS reference:	PLMN-ISDN/Supplementary_s	ervices/UDI/COLR/TC830401
ISDN selection criteria:	COLR	
PLMN selection criteria:	The calling user is provided with COLP	
Test purpose:	The called (served) user is provided with COLR permanent mode subscription. Ensure that when no Connected number is provided by the called user (and No Connected subaddress), the Connected number information element is network provided and delivered to the calling user without any digit information.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption, Connected number PI=PR, SI=NP, TON=unknown, NPI=unknown	
Comments:		

ETS 300 138-1 [10], subclause 9.2.2, subclause 9.2.4 ETS 300 546 [33] ETS 300 569 [39] TSS reference: PLMN-ISDN/Supplementary_services/UDI/CUG/TC830501 ISDN selection criteria: Calling user and called user belong to the same CUG; CUG supplementary options: IA; not ICB PLMN selection criteria: CUG supplementary options: not OA; not ocb; not Pref. CUG Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" PLMN parameter GSM-BC=UDI with V.110/X.30 rate adaption;		1		
subclause 9.2.2, subclause 9.2.4 ETS 300 546 [33] ETS 300 569 [39] TSS reference: PLMN-ISDN/Supplementary_services/UDI/CUG/TC830501 Calling user and called user belong to the same CUG; CUG supplementary options: IA; not ICB PLMN selection criteria: CUG supplementary options: not OA; not ocb; not Pref. CUG CUG supplementary options: not OA; not ocb; not Pref. CUG Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	830501	ISDN ref. to:	PLMN ref. to:	
TSS reference: PLMN-ISDN/Supplementary_services/UDI/CUG/TC830501 ISDN selection criteria: CuG supplementary options: IA; not ICB PLMN selection criteria: CuG supplementary options: IA; not ICB CuG supplementary options: IA; not ICB Cug supplementary options: not OA; not ocb; not Pref. Cug Ensure that when the calling user belongs to a Cug with outgoing access is not allowed, not outgoing calls barred within the Cug and not preferential Cug and the called user belongs to the same Cug with incoming access allowed and not incoming calls barred within the Cug, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCug-Info with Cug Index (CI), Suppress Pref. Cug (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cugCall invoke component encoded as "Outgoing access with default value, Cug index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cugCall invoke component: "Outgoing access with default value, Cug index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCug-Info: Cug Index (CI); Suppress OA (SOA)		ETS 300 138-1 [10],		
TSS reference: PLMN-ISDN/Supplementary_services/UDI/CUG/TC830501 ISDN selection criteria: CuG supplementary options: IA; not ICB PLMN selection criteria: CuG supplementary options: not OA; not ocb; not Pref. CuG criteria: Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)		· ·	ETS 300 546 [33]	
ISDN selection criteria: CuG supplementary options: IA; not ICB PLMN selection criteria: CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG CuG supplementary options: not OA; not ocb; not Pref. CuG Ensure that when the calling user belongs to a CuG with outgoing access is not allowed, not outgoing calls barred within the CuG and not preferential CuG and the called user belongs to the same CuG with incoming access allowed and not incoming calls barred within the CuG after the receipt of a SETUP message with the Facility IE which Spall under CuG, Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cuGCall invoke component encoded as "Outgoing access with default value, CuG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cuGCall invoke component: "Outgoing access with default value, CuG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCuG-Info: CuG Index (CI); Suppress Pref. CuG (SPC); Suppress OA (SOA)		subclause 9.2.4	ETS 300 569 [39]	
CUG supplementary options: IA; not ICB PLMN selection criteria: Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress OA (SOA)	TSS reference:	PLMN-ISDN/Supplementary_services/UDI/CUG/TC830501		
CUG supplementary options: IA; not ICB PLMN selection criteria: Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	ISDN selection	Calling user and called user belong to the same CUG;		
PLMN selection criteria: Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	criteria:			
Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)		CUG supplementary options: IA ; r	supplementary options: IA ; not ICB	
Test purpose: Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	PLMN selection	CUG supplementary options: not OA: not och: not Pref. CUG		
allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	criteria:	occ supplementary options. Not OA, not occ, not i ich		
the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. ISDN parameter values: BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" PLMN parameter values: GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	Test purpose:	allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI),		
cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message. BC=speech; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index" PLMN parameter values: GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)				
default value, CUG index" PLMN parameter values: GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)		cUGCall invoke component encoded as "Outgoing access with default value, CUG		
ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	ISDN parameter values:		GCall invoke component: "Outgoing access with	
ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA)	PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
Suppress OA (SOA)	values:	ForwardCUG-Info: CUG Index (CI);		
**		Suppress Pref. CUG (SPC);		
Comments:		Suppress OA (SOA)		
	Comments:			

	ISDN ref. to:	PLMN ref. to:	
	L I C 2000 120 1 1101		
	ETS 300 138-1 [10], subclause 9.2.2,	ETS 300 546 [33]	
	subclause 9.2.2, subclause 9.2.4	215 300 3 10 [33]	
	Subclause 9.2.4	ETS 300 569 [39]	
TSS reference:	PLMN-ISDN/Supplementary_services/UDI/CUG/TC830502		
ISDN selection	The called user belongs to the same CUG with the following CUG supplementary		
	options: IA; not ICB		
	The calling user belongs to a CUG with the following CUG supplementary options: OA; not ocb; not Pref. CUG		
Cilicila.	options. OA; not ocb; not Pref. COG		
	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)		
	the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message.		
	BC=UDI with V.110/X.30 rate adaption; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index"		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values:	ForwardCUG-Info: CUG Index (CI);		
	Suppress Pref. CUG (SPC);		
	Suppress OA (SOA);		
Comments:			

830503	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10], subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CUG/TC830503
ISDN selection criteria:	The called user belongs to the soptions: IA; not ICB	same CUG with the following CUG supplementary
PLMN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains a	
	cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
Comments:		

	T	 	
830504	ISDN ref. to:	PLMN ref. to:	
	ETS 300 138-1 [10],		
	subclause 9.2.2,	ETS 300 546 [33]	
	subclause 9.2.4		
	Subclause 9.2.4	ETS 300 569 [39]	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CUG/TC830504	
	<u>y_</u> oo		
ISDN selection	The called user belongs to CUG	with the following CUG supplementary options:	
criteria:	IA; ICB	man and remember g of a cappionical y optionics	
Criteria.	IA, IOB		
PLMN selection	The calling user belongs to the	same CUG with the following CUG	
criteria:			
Criteria.	supplementary options: OA; no	t ocb, not Frei. CoG	
Test purpose:	Encure that when the calling up	ser belongs to a CUG with outgoing access is	
rest purpose.			
		allowed, not outgoing calls barred within the CUG and not preferential CUG and	
	the called user belongs to the same CUG with incoming access allowed and		
	incoming calls barred within the	CUG, after the receipt of a SETUP message with	
		n a ForwardCUG-Info with CUG Index (CI),	
	Suppress Pref. CUG (SPC),	man are simulated and man are mask (ci),	
	Suppless Fiel. Coo (Si C),		
	the called user receives a SETUP message without a Facility IE.		
	the caned user receives a SETC	i message without a racinty in.	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption;		
•	DO-001 With V.110/X.30 fate at	daption,	
values:	0014 50 1151 11 14 440 74 00		
PLMN parameter	GSM-BC=UDI with V.110/X.30	rate adaption;	
values:			
	ForwardCUG-Info: CUG Index (CI);		
	_		
	Suppress Pref. CUG (SPC);		
Comments:			

830505	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10], subclause 9.2.2, subclause 9.2.4	ETS 300 546 [33] ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CUG/TC830505
ISDN selection criteria:	The called user belongs to the soptions: IA; not ICB	same CUG with the following CUG supplementary
PLMN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG (SPC), the called user receives a SETUP message with a Facility IE.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index"	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: Suppress Pref. CUG (SPC);	
Comments:		

830506	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10], subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CUG/TC830506
ISDN selection criteria:	The called user is not a CUG s	ubscriber
PLMN selection criteria:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE.	
ISDN parameter values:		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
Comments:		

830507	ISDN ref. to: ETS 300 138-1 [10], subclause 9.2.3	PLMN ref. to: ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CUG/TC830507
ISDN selection criteria:	The called user belongs to CUG with the following CUG supplementary options: not IA; not ICB	
PLMN selection criteria:	The calling user is not member of CUG	
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a ForwardCUG-Info the network initiate call clearing to the calling user with cause value # "87 user not a member of CUG".	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

830508	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	
	subclause 9.2.2	ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary	y_services/UDI/CUG/TC830508
ISDN selection criteria:	The called user is not mem	ber of CUG
PLMN selection criteria:	The calling user belongs to options: not OA ; not ocb ;	a CUG with the following CUG supplementary not Pref. CUG
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) call establishment is not possible and the network initiate call clearing to the calling user with cause value # 87 "user not a member of CUG".	
ISDN parameter values:		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	ForwardCUG-Info: C	UG Index (CI);
		Suppress Pref. CUG (SPC);
		Suppress OA (SOA);
Comments:		

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830509	ISDN ref. to:	PLMN ref. to:
	ETS 300 138-1 [10],	
	subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	
	300018036 3.2.4	ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CUG/TC830513
	, , , , , , , , , , , , , , , , , , , ,	
ISDN selection	The called user belongs to the s	same CUG with the following CUG
criteria:	supplementary options: not IA;	
or iteria.	cappiomentary options. Het int,	.05
PLMN selection	The calling user belongs to a Cl	JG with the following CUG supplementary
criteria:	options: OA; not ocb; not Pre	
Criteria.	options. OA, not ocb, not Fre	. 606
Test purpose:	Ensure that when the calling us	ser belongs to a CUG with outgoing access is
rest purpose.		
		ed within the CUG and not preferential CUG and
	the called user belongs to the same CUG with incoming access is not allowed	
	and incoming calls barred withir	n the CUG, after the receipt of a SETUP message
	with the Facility IE which shall c	ontain a ForwardCUG-Info with CUG Index (CI),
	Suppress Pref. CUG (SPC),	· //
	(3. 2),	
	call establishment is not possib	le and the network initiate call clearing to the calling
	user with cause value # 55 "incoming calls barred within CUG".	
	user with cause value # 55 incoming cans barred within COO.	
ISDN parameter		
values:		
	0014 00 1101 31 1/4400/00	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:		
	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
Comments:		
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830510	ISDN ref. to:	PLMN ref. to:
030310		FLIMIN ICI. IO.
	ETS 300 138-1 [10], subclause 9.2.2,	ETS 300 546 [33]
	subclause 9.2.4	
		ETS 300 569 [39]
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CUG/TC830510
ISDN selection	Calling user and called user bel	ong to the same CUG;
criteria:	CUG supplementary options: not I	A; not ICB
PLMN selection criteria:	CUG supplementary options: not OA; not OCB; not Pref. CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access not allowed and not incoming calls barred within the CUG within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), the called user receives a SETUP message with a Facility IE which contains a cUGCall invoke component encoded as "Outgoing access with default value, CUG index" and sends an ALERTING or CONNECT message.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption;; Facility IE with cUGCall invoke component: "Outgoing access with default value, CUG index"	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	ForwardCUG-Info: CUG Index (CI).	
Comments:		

020004	ICDN not to:	DI MAL mof. 4 a.	
830601	ISDN ref. to:	PLMN ref. to:	
	ETS 300 073-1,subclause 9.2	EEE 200 557 (25) 1 1 0 2 22 1 5	
	EN 300 403-1 [1],	ETS 300 557 [35], subclause 9.3.23.1.5	
	subclause 4.5.9		
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/SUB/TC830601	
ISDN selection	SUB		
criteria:			
PLMN selection	SUB		
criteria:			
Test purpose:	Ensure that when the Called pa	Ensure that when the Called party subaddress is provided by the calling user, the	
	Called party subaddress is correctly delivered to the called (served) user		
ISDN parameter	BC=UDI with V.110/X.30 rate adaption, Called party subaddress		
values:			
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption		
values:			
Comments:			

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830602	ISDN ref. to:	PLMN ref. to:	
	ETS 300 061-1 [11],		
	subclause 9.2	ETS 300 557 [35], subclause 9.3.23.1.5	
	EN 300 403-1 [1],		
	subclause 4.5.9		
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/SUB/TC830602	
ISDN selection	SUB		
criteria:			
PLMN selection	SUB	SUB	
criteria:			
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user with		
		length = minimum, the Called party subaddress is correctly delivered to the called (served) user without any digit information	
	(served) user without any digit ii	nformation	
ISDN parameter	BC=UDI with V.110/X.30 rate adaption, Called party subaddress		
values:			
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, Called party subaddress		
values:			
Comments:		-	

830701	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.5	ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFU/TC830701
ISDN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user " = Yes , "served user receives notification that the call has been forwarded" = Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C.	
	User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.	
	User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFU active	
PLMN parameter values:	GSM-BC= UDI with V.110/X.30 rate adaption	
Comments:		

830702	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFU/TC830702
ISDN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = No, with diverted-to number, "diverting number is released to the diverted-to User" = No, "served user receives notification that the call has been forwarded" = No).	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A and B are not notified and C is notified of call diversion with a FACILITY IE (Invoke = NotifySS [CFU,SS-Notification]) contained in a SETUP message.	
ISDN parameter values:	CFU active	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30	rate adaption
Comments:		

830703	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 1
	subclause 9.2.5	ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFU/TC830703
ISDN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user "= Yes , "served user receives notification that the call has been forwarded" = Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	To verify that a call is released correctly if CFU was not successful. User A calls user B, the call is forwarded to user C who is user determined user busy. User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message, user C is notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) included in the incoming SETUP message from the network. User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFU active	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

830704	ISDN ref. to: ETS 300 207-1 [15],	PLMN ref. to:
	subclause 10.5	ETS 300 566 [37], subclause 1
		ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFU/TC830704
ISDN selection		rtial rerouting provided in PTNX in case of
criteria:	CFU("calling user is Notified of	call diversion" = Yes)
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).	
	User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message of call diversion.	
ISDN parameter	CFU – partial rerouting	
values:		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

830705	ISDN ref. to:	PLMN ref. to:
000700	ETS 300 207-1 [15],	
	subclause 10.5	ETS 300 566 [37], subclause 1
		ETS 300 543 [31], subclause 1
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFU/TC830705
ISDN selection	The user B is in network N2. Pa	rtial rerouting provided in PTNX in case of CFU
criteria:	("calling user is Notified of call of	liversion" = No)
PLMN selection	Call to a forwarding subscriber ((CFU)
criteria:	_	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).	
	User A is not notified with a Famessage of call diversion.	ACILITY (Invoke =NotifySS [CFU, SS-Notification])
ISDN parameter values:	CFU – partial rerouting	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

830801	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	ETS 300 566 [37], subclause 2
	subclause 9.2.2,	ETS 300 543 [31], subclause 2
	subclause 9.2.4.3,	
	subclause 9.2.5	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFB/TC830801
ISDN selection	The user B is in network N2 and	d is provided with CFB- UDUB ("calling user is
criteria:	notified of call diversion" = Yes,	with diverted-to number, "diverting number is
	released to the diverted-to user	"= Yes, "served user receives notification that the
	call has been forwarded" =Yes).
PLMN selection	Call to a forwarding subscriber ((CFB)
criteria:		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification])	
	message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFB,SS-	
	Notification]) of call diversion.	
		on with a FACILITY message (DCR) about the
		ormation, user-to-user information, served user
	B's subaddress and the calling party A's address.	
ISDN parameter	CFB-UDUB active	
values:		
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? GSM-BC=UDI with V.110/	K.30 rate adaption;
Comments:		

830802	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	ETS 300 566 [37], subclause 2
	subclause 9.2.2,	ETS 300 543 [31], subclause 2
	subclause 9.2.4.3,	
	subclause 9.2.5	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFB/TC830802
ISDN selection	The user B is in network N2 and	d is provided with CFB- UDUB ("calling user is
criteria:	notified of call diversion" = No,	with diverted-to number, "diverting number is
	released to the diverted-to User	" = No, "served user receives notification that the
	call has been forwarded" = No).	
PLMN selection	Call to a forwarding subscriber (CFB)	
criteria:		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A and B are not notified and C is notified with of call diversion a FACILITY	
	IE (Invoke =NotifySS [CFB,SS-N	Notification]) contained in a SETUP message.
ISDN parameter	CFB active	
values:		
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	C: ?GSM-BC=UDI with V.110/X	3.30 rate adaption;
Comments:		

830803	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFB/TC830803
ISDN selection criteria:	The user B is in network N2 and is provided with CFB-NDUB("calling user is notified of call diversion" = Yes, with diverted-to number, "diverting number is released to the diverted-to user "= Yes, "served user receives notification that the call has been forwarded" =Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFB)
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFB,SS-Notification]) of call diversion. User B is notified of call diversion with a FACILITY message (DCR) about the telecommunications service information, user-to-user information, served user B's subaddress and the calling party A's address.	
ISDN parameter values:	CFB active;	·
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/>C: ? GSM-BC=UDI with V.110/>	
Comments:		

830804	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.3,	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	subclause 9.2.5 PLMN-ISDN/Supplementary_se	hrvices/HDI/CER/TC830804
ISDN selection criteria:	The user B is in network N2 and notified of call diversion" = No,	d is provided with CFB- NDUB ("calling user is with diverted-to number, "diverting number is " = No , "served user receives notification that the
PLMN selection criteria:	Call to a forwarding subscriber ((CFB)
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A and B are not notified and C is notified of call diversion with a FACILITY IE (Invoke =NotifySS (CFB, SS-Notification) contained in a SETUP message.	
ISDN parameter values:	CFB active	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X C: ? GSM-BC=UDI with V.110/X	
Comments:		

000005	IODNI C.	DI MAL C.
830805	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15],	7777 200 766 5273 1 1 2
	subclause 9.2.2,	ETS 300 566 [37], subclause 2
	subclause 9.2.4.3,	
	subclause 9.2.5	ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFB/TC830805
ISDN selection	The user B is in network N2 and	d is provided with CFB ("calling user is notified of
criteria:		ted-to number, "diverting number is released to
o no na		erved user receives notification that the call has
	been forwarded" = Yes).	sived door received notinication that the call has
	been forwarded = 1es).	
PLMN selection	Call to a forwarding subscriber	(CFB)
criteria:	9	(- /
Test purpose:	To verify that a call is released correctly if CED was not assessful	
rest purpose.	To verify that a call is released correctly if CFB was not successful.	
	User A calls busy termination F	(that one R channel is free) the call is forwarded to
	User A calls busy termination B (that one B-channel is free), the call is forwarded to user C who is user determined user busy.	
	user C who is user determined user	dusy.
ISDN parameter	CFB active, User B is in the UD	UB condition
values:	, , , , , , , , , , , , , , , , , , , ,	
PLMN parameter	A: ! GSM-BC=UDI with V.110/X	30 rate adaption
values:	7.1.1 GGW 26-621 Will V.116/7	ioo rato adaption
Comments:	Lloor A is notified with a EACH I	TV (Invoke – NetifixSS [CED_SS Netification])
Comments.		TY (Invoke =NotifySS [CFB, SS-Notification])
	0 ,	all diversion with a FACILITY IE (Invoke
]) included in the incoming SETUP message from
	the network.	
		with a FACILITY message (DCR) about the
	telecommunications service inform	nation, user-to-user information, served user B's
	subaddress and the calling party A	s address.

830806	ISDN ref. to: ETS 300 207-1 [15], subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 2
		ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFB/TC830806
ISDN selection criteria:		artial rerouting provided in PTNX in case of CFB-of call diversion" = Yes, with diverted-to number).
PLMN selection criteria:	Call to a forwarding subscriber (CFB)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message of call diversion.	
ISDN parameter values:	CFB – partial rerouting	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

830807	ISDN ref. to: ETS 300 207-1 [15], subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
	DIAM IODAIO	
TSS reference:	PLMN-ISDN/Supplementary_	services/UDI/CFB/TC830807
ISDN selection criteria:	The user B is in network N2. INDUB ("calling user is Notified	Partial rerouting provided in PTNX in case of CFB-d of call diversion" = No).
PLMN selection criteria:	Call to a forwarding subscribe	r (CFB)
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is not notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message.	
ISDN parameter values:	CFB – partial rerouting	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

020000	ICDN rof to:	DI MNI vof. 40.
830808	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 10.5	ETS 300 566 [37], subclause 2
		ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFB/TC830808
ISDN selection	The user B is in network N2. Pa	artial rerouting provided in PTNX in case of CFB-
criteria:		of call diversion" = Yes , with diverted-to number).
PLMN selection	Call to a forwarding subscriber	(CFB)
criteria:		,
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C).	
	User A is notified with a FACI message of call diversion.	LITY (Invoke =NotifySS [CFB, SS-Notification])
ISDN parameter values:	CFB – partial rerouting	
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? GSM-BC=UDI with V.110/2	•
Comments:		

830809	ISDN ref. to: ETS 300 207-1 [15] subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2
TSS reference:	PLMN-ISDN/Supplementary_s	ervices/UDI/CFB/TC830809
ISDN selection criteria:	The user B is in network N2. P UDUB ("calling user is Notified	artial rerouting provided in PTNX in case of CFB-of call diversion" = No).
PLMN selection criteria:	Call to a forwarding subscriber (CFB)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is not notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message of call diversion.	
ISDN parameter values:	CFB – partial rerouting	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

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830901	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.4, subclause 9.2.5	ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	l rvices/UDI/CFNR/TC830901
ISDN selection criteria:	The user B is in network N2 and is provided with CFNR (option A, late release) ("calling user is Notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user "= Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)
Test purpose:	Ensure that when user A calls u C.	ser B, if unanswered, the call is forwarded to user
ISDN parameter values:	CFNR active	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:	message, user C is Notified of c =NotifySS [CFNR,SS-Notificatio from the network. User B is Notified of call diversion	TY (Invoke =NotifySS [CFNR, SS-Notification]) call diversion with a FACILITY IE (Invoke n]) included in the incoming SETUP message with a FACILITY message (DCR) about the ation, user-to-user information, served user B's saddress.

830902	ISDN ref. to:	PLMN ref. to:
630902	100111011101	PLIVIN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFNR/TC830902
ISDN selection	The user B is in network N2 and	d is provided with CFNR (option A, late release)
criteria:		diversion" = No , with diverted-to number,
	"diverting number is released to the diverted-to User" = No).	
PLMN selection	Call to a forwarding subscriber (CFNR)	
criteria:		,
Test purpose:	Ensure that when user A calls busy user B, if unanswered, the call is forwarded	
	to user C.	
ISDN parameter	CFNR active	
values:	1 10011 50 1151 111 1/4/00	(00)
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:	User A and user B are not Notified and user C is Notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFNR,SS-Notification]) included in the incoming SETUP message from the network.	

830903	ISDN ref. to:	PLMN ref. to:
030303	ETS 300 207-1 [15], subclause	i Livily (el. to.
	9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFNR/TC830903
ISDN selection criteria:	The user B is in network N2 and is provided with CFNR (option B, immediate release) ("calling user is Notified of call diversion" = Yes , with diverted-to number, "diverting number is released to the diverted-to user "= Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C.	
ISDN parameter values:	CFNR active	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 I	rate adaption
Comments:	User A is Notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification]) message, user C is Notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFNR,SS-Notification]) included in the incoming SETUP message from the network.	
		with a FACILITY message (DCR) about the ation, user-to-user information, served user B's saddress.

920004	ICDN ref to:	DI MNI vof 40.
830904	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFNR/TC830904
ISDN selection	The user B is in network N2 and	is provided with CFNR (option B,
criteria:	immediate release) ("calling user is Notified of call diversion" = No , with diverted-to number, "diverting number is released to the diverted-to User" = No).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C.	
ISDN parameter values:	CFNR active	
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:	User A and user B are not Notified and user C is Notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFNR,SS-Notification]) included in the incoming SETUP message from the network.	

830905	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause 9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4, subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFNR/TC830905
ISDN selection criteria:	immediate release) ("calling use	It is provided with CFNR (option B, er is Notified of call diversion" = Yes, with sumber is released to the diverted-to User" = Yes).
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)
Test purpose:	Ensure that when user A calls user B, the call is released correctly if CFNR was not successful. Ensure that when user A calls user B, if unanswered, the call is forwarded to user C who is user determined user busy.	
ISDN parameter values:	CFNR active	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:	User A is Notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification]) message, user C is Notified of call diversion with a FACILITY IE (Invoke =NotifySS [CFNR,SS-Notification]) included in the incoming SETUP message from the network.	
		with a FACILITY message (DCR) about the ation, user-to-user information, served user B's s address.

830906	ISDN ref. to: ETS 300 207-1 [15], subclause	PLMN ref. to: ETS 300 566 [37], subclause 3
	9.2.2, subclause 10.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFNR/TC830906
ISDN selection criteria:	The user B is in network N2. Partial rerouting provided in PTNX in case of CFNR (option A, late release) ("calling user is Notified of call diversion" = Yes , with diverted-to number).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification])	
	message of call diversion.	
ISDN parameter values:	CFNR – partial rerouting	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

830907	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 10.5	PLMN ref. to: ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CFNR/TC830907	
ISDN selection criteria:		The user B is in network N2. Partial rerouting provided in PTNX in case of CFNR (option A, late release) ("calling user is Notified of call diversion" = No).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)		
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is not notified with a FACILITY (Invoke =NotifySS [CFNR SS-Notification]) message of call diversion.		
ISDN parameter values:	CFNR – partial rerouting		
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;		
Comments:			

830908	ISDN ref. to: ETS 300 207-1 [15], subclause 9.2.2, subclause 9.2.4.4, subclause 9.2.5	PLMN ref. to: ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFNR/TC830908
ISDN selection criteria:	The user B is in network N2. Partial rerouting provided in PTNX in case of CFNR (option B, immediate release). ("calling user is Notified of call diversion" = Yes, with diverted-to number).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation request from the private network (NT2) and performs rerouting towards the indicated address (user C). User A is notified with a FACILITY (Invoke =NotifySS [CFNR, SS-Notification]) message.	
ISDN parameter values:	CFNR – partial rerouting	
PLMN parameter values:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption; C: ? GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

830909	ISDN ref. to:	PLMN ref. to:
	ETS 300 207-1 [15], subclause	THE 200 500 100
	9.2.2,	ETS 300 566 [37], subclause 3
	subclause 9.2.4.4,	ETG 200 542 [21] . 1.1 2
	subclause 9.2.5	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CFNR/TC830909
ISDN selection	The user B is in network N2. Pa	rtial rerouting provided in PTNX in case of
criteria:	CFNR (option B, immediate rele	ease). ("calling user is Notified of call diversion" =
	No).	, ,
	,	
PLMN selection	Call to a forwarding subscriber ((CFNR)
criteria:		
Test purpose:	User A calls user B. The public network acts on the call rerouting invocation	
	request from the private network (NT2) and performs rerouting towards the	
	indicated address (user C).	
	TI A COLUMN TO	A CHI ITTI (I
	User A is not notified with a FACILITY (Invoke =NotifySS [CFNR SS-	
	Notification]) message.	
ISDN parameter	CFNR – partial rerouting	
values:	, ,	
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
values:	C: ? GSM-BC=UDI with V.110/2	·
Comments:		

924004	ICDN ref to:	DI MNI ref. to.	
831001	ISDN ref. to:	PLMN ref. to:	
	ETS 300 286-1 [13],		
	subclause 9.1.1.1,	ETS 300 557 [35], subclause 10.5.4.25,	
	subclause 9.1.2.1		
	EN 300 403-1 [1],		
	subclause 4.5.30		
TSS reference:	PLMN-ISDN/Supplementary_se	Lunicos/UDI/UUS1/TC831001	
133 reference.	Livin-13D1V/3upplementary_se	1 VICES/0DI/003 1/1 C03 100 1	
ISDN selection	UUS1i		
criteria:			
PLMN selection	The calling (served) user is prov	The calling (served) user is provided with UUS1 implicit request	
criteria			
Test purpose:	Ensure that the network can transport a User-user information element included		
	in the SETUP message sent from the calling user and delivered in the SETUP		
	message sent by the network to the called user		
ISDN parameter	BC=UDI with V.110/X.30 rate ac	BC=UDI with V.110/X.30 rate adaption, UI length=32	
values:			
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32		
values		-	
Comments:			

831002	ISDN ref. to:	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.1	ETS 300 557 [35], subclause 10.5.4.25,
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/UUS1/TC831002
ISDN selection	UUS1i	
criteria:		
PLMN selection	The calling (served) user is prov	vided with UUS1 implicit request
criteria		
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the CONNECT message sent from the called user to the calling user	
ISDN Parameter	BC=UDI with V.110/X.30 rate adaption, UI length=32	
values:		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
values:		
Comments:		

831003	ISDN ref. to: ETS 300 286-1 [13], subclause 9.1.2.2.1a EN 300 403-1 [1], subclause 4.	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
	5.30	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/UUS1/TC831003
ISDN selection criteria:	UUS1i	
PLMN selection criteria:	The calling (served) user is provided with UUS1 implicit request	
Test purpose:	Ensure that after implicit activation of UUS1 and with the call in the active state, the network can transport a User-user information element included in a call clearing DISCONNECT message sent from the calling user and delivered in the DISCONNECT message sent by the network to the called user.	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter values	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
Comments:		

831004	ISDN ref. to	PLMN ref. to:
	ETS 300 286-1 [13],	
	subclause 9.1.2.2.1b	ETS 300 557 [35], subclause 10.5.4.25,
	EN 300 403-1 [1],	
	subclause 4.5.30	
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/UUS1/TC831004
ISDN selection	UUS1i	
criteria:		
PLMN selection	The calling (served) user is prov	vided with UUS1 implicit request
criteria		
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in premature clearing RELEASE COMPLETE message sent from the called user and delivered in the DISCONNECT message sent by the network to the calling user	
ISDN parameter values:	BC=UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
values		
Comments:		

	DIRECT CA		004005
	PLMN ref. to:	ON ref. to:	831005
		S 300 286-1 [13], subclause	
	ETS 300 557 [35]	.1.2.2	
		300 403-1 [1], subclause 7	
	ervices/UDI/UUS1/TC831005	MN-ISDN/Supplementary_se	TSS reference:
		S1i	ISDN selection
			criteria:
		S1i	PLMN selection
			criteria:
The requested UUS is not supported in Network B.		Test purpose:	
all handling	by the network without disrupting Normal call h	rify that UUI can be discarded b	
	adaption	=UDI with V.110/X.30 rate a	ISDN Parameter
			values:
GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32		PLMN parameter	
			values:
			Comments:
all	by the network without disrupting Normal call	S1i e requested UUS is not supprify that UUI can be discarded be =UDI with V.110/X.30 rate ac	criteria: PLMN selection criteria: Test purpose: ISDN Parameter values: PLMN parameter values:

840101	ISDN ref. to:	PLMN ref. to:
		ETS 300 548 [34]
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/Call barring service/TC840101
ISDN selection criteria:		
PLMN selection criteria:	Call barring service	
Test purpose:	The calling user activates Barring of Outgoing international Calls except those to the home PLMN country (BOIC-exHC). The user is roaming outside the home PLMN country. Barring of Outgoing international Calls except those to the home PLMN country is supported by the PLMN in which the served mobile subscriber currently roams. Ensure that when the calling user activates Barring of Outgoing International Calls except those to the home PLMN country (BOIC-exHC) and the user is roaming outside the home PLMN country, call establishment to the home PLMN country is successful.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate a	daption
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840201	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840201
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "clear call on invocation".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. Afterwards the network shall release user B with a DISCONNECT message with cause #31 and a facility IE with a CallDeflection return result component.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840202	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840202
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "clear call on invocation".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. Afterwards the network shall release user B with a DISCONNECT message with cause #31 and a facility IE with a CallDeflection return result component.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840203	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary	_services/UDI/CD/TC840203
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "clear call on invocation".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. Afterwards the network shall release user B with a DISCONNECT message with cause #31 and a facility IE with a CallDeflection return result component.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840204	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementar	y_services/UDI/CD/TC840204
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Call Received Call state N07 the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840205	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840205
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Call Received Call state N07 the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840206	ISDN ref. to: ETS 300 207	PLMN ref. to:	
	E13 300 207	ETS 300 557 [35], subclause 5.2	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840206	
ISDN selection criteria:		CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user").	
PLMN selection criteria:			
Test purpose:	The ISDN user B is in network N2 and is provided with CD The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Call Received Call state N07 the user B receives a DISCONNECT or RELEASE message with cause #31.		
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption		
Comments:			

840207	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840207
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user".	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Connect Request call state N08, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840208	ISDN ref. to: ETS 300 207	PLMN ref. to:	
	E13 300 207	ETS 300 557 [35], subclause 5.2	
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840208	
ISDN selection criteria:		CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user"	
PLMN selection criteria:			
Test purpose:	The ISDN user B is in network I	N2 and is provided with CD.	
	The PLMN user A and PLMN user C are in network N1.		
	Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Connect Request call state N08, the user B receives a DISCONNECT or RELEASE message with cause #31.		
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption		
Comments:			

840209	ISDN ref. to: ETS 300 207	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CD/TC840209
ISDN selection criteria:	CD, Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25 receives a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Connect Request call state N08, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

840210	ISDN ref. to: ETS 300 207	PLMN ref. to: ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840210
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Call Received call state N07. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Active state, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

0.400.4.4	10011	B1 101
840211	ISDN ref. to:	PLMN ref. to:
	ETS 300 207	
		ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	rvices/UDI/CD/TC840211
ISDN selection	CD; Network provider option "se	erved user call retention on invocation of
criteria:	diversion" is "retain call until ale	rting begins at diverted-to user"
PLMN selection		
criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Incoming Call Proceeding call state N09. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Active state, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values:		
Comments:		

840212	ISDN ref. to: ETS 300 207	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2
TSS reference:	PLMN-ISDN/Supplementary_se	ervices/UDI/CD/TC840212
ISDN selection criteria:	CD; Network provider option "served user call retention on invocation of diversion" is "retain call until alerting begins at diverted-to user"	
PLMN selection criteria:		
Test purpose:	The ISDN user B is in network N2 and is provided with CD. The PLMN user A and PLMN user C are in network N1. Ensure that when user A calls user B, the local exchange of user B goes to the Overlap Receiving call state N25. Then user B sends a FACILITY message containing a Facility information element coded as CallDeflection invoke component. The network performs the call deflection to user C. On the indication that the diverted-to network is in the Active state, the user B receives a DISCONNECT or RELEASE message with cause #31.	
ISDN Parameter values:	BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

6.2.9 Test purposes for PLMN-ISDN, B-channel end-to-end performance

910101	ISDN ref. to: EN 300 403-1 [1]	PLMN ref. to: ETS 300 557 [35] ITU-T Rec. G 101
TSS reference:	PLMN-ISDN/ B-channel end-to-	end performance /Speech/TC910101
ISDN selection criteria:	Data transmission	
PLMN selection criteria:	B-channel transmission	
Test purpose:	To ensure that speech transfer on the B-channel is performed correctly.	
ISDN parameter values:		
PLMN parameter values:	GSM-BC= speech	
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G. 101 Appendix I.	

910201	ISDN ref. to: ETS 300 195-1 [21], subclause 5.29, subclause 5.27	PLMN ref. to: ETS 300 557 [35] ITU-T Rec. G 101
TSS reference:	PLMN-ISDN/ B-channel end-to-end performance /3,1 kHz audio ex PLMN /TC910201	
ISDN selection criteria:		
PLMN selection criteria:		
Test purpose:	To ensure that 3,1 kHz signal transfer on the B-channel is performed correctly.	
ISDN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN	
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G. 101 Appendix I.	

910301	ISDN ref. to: ETS 300 195-1 [21], subclause 5.29, subclause 5.27	PLMN ref. to: ETS 300 578 [55]
TSS reference:	PLMN-ISDN/ B-channel end-to-	end performance/UDI/TC910301
ISDN selection criteria:	B-channel transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To verify compliance with the requirements for error and octet slip for the first or the last continuous 24 hour period.	
ISDN parameter values:		
PLMN parameter values:	GSM-BC = UDI, V.110 [47] /X.30 [49] synchronous mode; PRBS=2 ¹¹ -1	
Comments:	The test should be based in the	requirements described in the ETS 300 578 [55]

6.2.10 Test purposes for PLMN-PSTN, Basic call

6.2.10.1 Successful

Successful	
Speech	

1010101	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1.4.1, subclause 5.5.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succ	essful/Speech/1010101
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that the call is performed correctly. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is not end-to-end ISDN", #2 "destination address is non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	exchange according to the co	ation elements are created by the originating ding of the address complete message (ACM) in the sending criteria of each value.

1010102	PSTN ref. to: ETS 300 001	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succes	sful/Speech/TC1010102
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that the clearing procedure is performed correctly when the calling user clears after answer. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

1010103	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succes	ssful/Speech/TC1010103
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that the clearing procedure is performed correctly when the called user clears after answer. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter		
values: PLMN parameter	BC=speech	
values:	Бо-эрссоп	
Comments:		

1010104	PSTN ref. to:	PLMN ref. to:
1010104		Living reliator
	ETS 300 001	ETC 200 557 [25] sub-leves 5 2 1 sub-leves 7 2 2
		ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
	DIAM DOTNICS : 11/0	(1/2
TSS reference:	PLMN-PSTN/Basic_call/Succes	ssful/Speech/TC1010104
PSTN selection		
criteria:		
PLMN selection	TS 11	
criteria:		
Test purpose:	Ensure that the reanswer procedure is performed correctly when the called user clears and reanswers. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter		
values:		
PLMN parameter	BC=speech	
values:	·	
Comments:		

1010105	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.5.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succes	L ssful/Speech/TC1010105
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that call establishment can be done with HLC. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is not end-to-end ISDN", #2 "destination address is non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech, HLC=telephony	
Comments:		ion elements are created by the originating ng of the address complete message (ACM) in e sending criteria of each value.

Successful	
3,1 kHz audio ex PLMN	

1010201	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1.4.1, subclause 5.5.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Successful/3,1 kHz audio ex PLMN/1010201	
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that the call is performed correctly. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is not end-to-end ISDN", #2 "destination address is non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, no LLC	
Comments:	The progress indicator information elements are created by the originating exchange according to the coding of the address complete message (ACM) in the ISUP. The table 1 shows the sending criteria of each value.	

1010202	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call	/Successful/3,1 kHz audio ex PLMN /TC1010202
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that the clearing procedure is performed correctly when the calling user clears after answer.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, no LLC	
Comments:		

1010203	PSTN ref. to: ETS 300 001	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Successful/3,1 kHz audio ex PLMN /TC1010203	
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that the clearing procedure is performed correctly when the called user clears after answer.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, no LLC	
Comments:		

1010204	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.5.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succe	ssful/3,1 kHz audio ex PLMN /TC1010204
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that call establishment can be done with LLC. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is not end-to-end ISDN", #2 "destination address is non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, LLC=3,1 kHz audio, voice band data via modem	
Comments:	exchange according to the cod	tion elements are created by the originating ing of the address complete message (ACM) in e sending criteria of each value.

Successful	
Facsimile group 3	

1010301	PSTN ref. to: ETS 300 001	PLMN ref. To: ETS 300 557 [35], subclause 5.2.1, subclause 5.5.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Successful/Facsimile G3/TC1010301	
PSTN selection criteria:		
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that the call is performed correctly. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is not end-to-end ISDN", #2 "destination address is non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC = facsimile G3, HLC = Facsimile G2/G3	
Comments:	The progress indicator information elements are created by the originating exchange according to the coding of the address complete message (ACM) in the ISUP. The table 1 shows the sending criteria of each value.	

1010302	PSTN ref. to: ETS 300 001	PLMN ref. To: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Successful/Facsimile G3/TC1010302	
PSTN selection criteria:		
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that the clearing procedure is performed correctly when the calling user clears after answer.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC = facsimile G3, HLC = Facsimile G2/G3	
Comments:		

1010303	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2	
TSS reference:	PLMN-PSTN/Basic_call/Succe	PLMN-PSTN/Basic_call/Successful/Facsimile G3/TC1010303	
PSTN selection criteria:			
PLMN selection criteria:	TS 62		
Test purpose:	Ensure that the clearing procedure is performed correctly when the called user clears after answer		
PSTN parameter values:			
PLMN parameter values:	BC = facsimile G3, HLC = Facsimile G2/G3		
Comments:			

Successful

Alternate speech and facsimile group 3

	1	
1010401	PSTN ref. to:	PLMN ref. To:
	ETS 300 001	
	L 13 300 00 1	ETS 300 557 [35], subclause 5.2.1
		113 300 337 [33], subclause 3.2.1
T00 (DI MAL DOTAL/Dania angl/Comana	eful/Alternate anneals and fearingile CO/
TSS reference:	PLMN-PSTN/Basic_call/Successful/Alternate speech and facsimile G3/	
	TC1010401	
PSTN selection		
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed	
1	correctly when the calling user clears after answer.	
	g and a second control of the second control	
PSTN parameter		
values:		
PLMN parameter	first GSM-BC=speech	
-		
values:	second GSM-BC= facsimile G3, no HLC	
	Second GSWI-DC= facsinine G5, no) FILC
Comments:		

1010402	PSTN ref. to: ETS 300 001	PLMN ref. To:
		ETS 300 557 [35], subclause 5.2
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PSTN/Basic_call/Succes	ssful/Alternate speech and facsimile G3/
	TC1010402	
PSTN selection		
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
PSTN parameter		
values:		
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC= facsimile G3,	
Comments:		

1010403	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2, subclause 5.5.1, ETS 300 604 [42], subclause 10.2.2
TSS reference:	PLMN-PSTN/Basic_call/Succes	ETS 300 582 [40], Annex B.1.10 esful/Alternate speech and facsimile G3/
	TC1010403	
PSTN selection criteria:		
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that the call is performed correctly. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is no end-to-end ISDN", #2 "destination address in non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	first GSM-BC=speech second GSM-BC= facsimile G3,	
Comments:	exchange according to the codi	ion elements are created by the originating ng of the address complete message (ACM) in e sending criteria of each value.

1010404	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 557 [35], subclause 5.2, subclause 5.5.1
		ETS 300 604 [42], subclause 10.2.2
		ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PSTN/Basic_call/Succes	ssful/Alternate speech and facsimile G3/
	TC1010404	
PSTN selection criteria:		
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that the call is performed correctly. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is no end-to-end ISDN", #2 "destination address in non-ISDN" or #8 "In-band information or appropriate pattern now available".	
PSTN parameter values:		
PLMN parameter values:	first GSM-BC=speech	
values.	second GSM-BC= facsimile G3, H	LC= Facsimile G2/G3
Comments:		ion elements are created by the originating ng of the address complete message (ACM) in e sending criteria of each value.

← Message sent to the MS	← ACM
Progress indicator	Content
information element	
No.1	Backward call indicators parameter
(Call is not end-to-end ISDN: further progress information may be available	_
	0 ISDN user Part
	not used all the way
No. 2	Backward call indicators parameter
(Destination address is non -ISDN	
	ISDN user part indicator
	1 ISDN user Part
	used all the way
	ISDN access indicator
	0 terminating access non-ISDN
No.8	Optional backward call indicator parameter

(In-band information or appropriate pattern now available)	
	In-band information indicator
	1 In-band info.

Table 1

Successful	
Emergency Calls	

1010501	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1.4.1, subclause 7.3.2	
TSS reference:	PLMN-PSTN/Basic_cal	l/Successful/Emergency Call/1010501	
PSTN selection criteria:	Emergency service;	Emergency service;	
PLMN selection criteria:	TS 12		
Test purpose:	Emergency call from MS with a valid SIM Card. Ensure that the call is performed correctly. During call establishment a Progress indicator information element shall be returned to the calling user with progress description value #1 "call is not end-to-end ISDN", #2 "destination address is non-ISDN" or #8 "In-band information or appropriate pattern now available". The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.		
PSTN parameter values:			
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech		
Comments:	exchange according to	information elements are created by the originating the coding of the address complete message (ACM) in hows the sending criteria of each value.	

1010502	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succes	 esful/Emergency Call/TC1010502
PSTN selection criteria:	Emergency service;	
PLMN selection criteria:	TS 12	
Test purpose:	Emergency call from MS with a valid SIM Card. Ensure that the clearing procedure is performed correctly when the calling user clears after answer. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter values:		
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech, no HLC	
Comments:		

1010503	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2	
TSS reference:	PLMN-PSTN/Basic_ca	all/Successful/Emergency Call/TC1010503	
PSTN selection criteria:	Emergency service;	Emergency service;	
PLMN selection criteria:	TS 12		
Test purpose:	Emergency call from MS with a valid SIM Card. Ensure that the clearing procedure is performed correctly when the called user clears after answer. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.		
PSTN parameter values:			
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech		
Comments:			

1010=01		
1010504	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	L 1 3 300 00 1	ETC 200 557 [25] and alone 5 2 1 and alone 7 2 2
		ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Succes	ssful/Emergency Call/TC1010504
PSTN selection	Emergency service;	
criteria:		
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from MS with a valid SIM Card. Ensure that the reanswer procedure is performed correctly when the called user clears and reanswers. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter		
values:		
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech	
values:	,	•
Comments:		

1010505	PSTN ref. to:	PLMN ref. to:
1010303		FLIVIN ICI. (O.
	ETS 300 001	ETS 200 557 [25] and alone 5 2 1 and alone 7 2 2
		ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
T00 (DI MAL DOTAL/Dania and I/Occasio	
TSS reference:	PLIMIN-PSTN/Basic_call/Succe	ssful/Emergency Call/TC1010505
PSTN selection	Emergency service;	
criteria:	3 ,	
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from MS without a SIM Card. Ensure that the clearing procedure	
	is performed correctly when the calling user clears after answer.	
	The SETUP message contains the	GSM-BC=speech and can contain a HLC=telephony.
PSTN parameter		
values:		
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech	
values:		·
Comments:	It is an option of the network or	perator whether to accept emergency calls coming
	from MSs which do not transm	t an IMSI or a TMSI.

1010506	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
T00	DI MANI DOTAL/Desis as II/Cusasa	of ul/Emargon ou Call/TC404050C
TSS reference:	PLIVIN-PSTN/Basic_call/Succes	sful/Emergency Call/TC1010506
PSTN selection	Emergency service;	
criteria:		
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from MS without a SIM Card. Ensure that the clearing procedure is performed correctly when the called user clears after answer. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter values:		
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech	
values:		
Comments:	It is an option of the network op- from MSs which do not transmit	erator whether to accept emergency calls coming an IMSI or a TMSI.

	T	_
1010507	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	2.00000.	ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
		,
TSS reference:	PLMN-PSTN/Basic_call/Successful/Emergency Call/TC1010507	
PSTN selection	Emergency service;	
criteria:		
PLMN selection	TS 12	
criteria:		
Test purpose:	Emergency call from MS when the IMSI contained in the SIM Card is not recognized by the VLR. Ensure that the clearing procedure is performed correctly when the calling user clears after answer. The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	
PSTN parameter values:		
PLMN parameter	EMERGENCY SETUP; GSM-BC=speech	
values:		
Comments:		erator whether to accept emergency calls coming ined in the SIM Card is not recognized by the

1010508	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Successful/Emergency Call/TC1010508	
PSTN selection criteria:	Emergency service;	
PLMN selection criteria:	TS 12	
Test purpose:	Emergency call from MS when the IMSI contained in the SIM Card is not recognized by the VLR. Ensure that the clearing procedure is performed correctly when the called user clears after answer. The SETUP message contains the GSM-BC=speech and a can contain a HLC=telephony.	
PSTN parameter values:		
PLMN parameter values:	EMERGENCY SETUP; GSM-BC=speech	
Comments:		erator whether to accept emergency calls coming ned in the SIM Card is not recognized by the

6.2.10.2 Unsuccessful

UNSUCCESSFUL	
Speech	

1020101	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	L10 300 001	ETS 300 557 [35], subclause 5.2.1, subclause 5.4
		,
		subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsuc	cessful/Speech/TC1020101
PSTN selection		
criteria:		
PLMN selection	TS 11	
criteria:		
	Ensure that when the called DSTN user is busy the natwork transport the cause	
Test purpose:	Ensure that when the called PSTN user is busy the network transport the cause	
	value #17 "user busy" to the ca	ling user.
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech	
values:	'	
Comments:	The SETUP message contains the GSM-BC=speech and can contain a	
	HLC=telephony.	
L		

1020102	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsucc	cessful/Speech/TC1020102
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when calling to a unallocated PSTN number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	HLC=telephony.	the GSM-BC=speech and can contain a uncements instead of sending cause value #1.

1020103	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsucc	cessful/Speech/TC1020103
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from the called PSTN user, the call is cleared.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	

1020104	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsuc	ccessful/Speech/TC1020104
PSTN selection criteria:		
PLMN selection criteria:	TS 11	
Test purpose:	Ensure that when the called PSTN user is ringing but not answering, the network initiate call clearing to the calling user with cause value cause value # 19 "no answer from user (user alerted)".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The SETUP message contains the GSM-BC=speech and can contain a HLC=telephony.	

UNSUCCESSFUL 3,1 kHz ex PLMN

1020201	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4, subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsucc	cessful/3,1 kHz ex PLMN/TC1020201
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when calling to a unallocated PSTN number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz ex PLMN, voice band data via modem	
Comments:	NOTE: some PSTNs provide announcements instead of sending cause value #1.	

1020202	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsuccessful/3,1 kHz ex PLMN/TC1020202	
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when the called PSTN user is busy the network transport the cause value #17 "user busy" to the calling user.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz ex PLMN, voice band data via modem	
Comments:		

1020203	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2	
TSS reference:	PLMN-PSTN/Basic_ca	PLMN-PSTN/Basic_call/Unsuccessful/3,1 kHz ex PLMN/TC1020203	
PSTN selection criteria:			
PLMN selection criteria:	Audio		
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from the called PSTN user, the call is cleared.		
PSTN parameter values:			
PLMN parameter values:	GSM-BC=3,1 kHz ex PLMN, voice band data via modem		
Comments:			

1020204	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsucc	cessful/3,1 kHz ex PLMN/TC1020204
PSTN selection criteria:		
PLMN selection criteria:	Audio	
Test purpose:	Ensure that when the called PSTN user is ringing but not answering, the network initiate call clearing to the calling user with cause value cause value # 19 "no answer from user (user alerted)".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz ex PLMN, voice band data via modem	
Comments:		

Unsuccessful Facsimile group 3

1020301	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], Annex H.1.1	
TSS reference:	PLMN-PSTN/Basic_call/Unsu	PLMN-PSTN/Basic_call/Unsuccessful/Facsimile G3/TC1020301	
PSTN selection criteria:			
PLMN selection criteria:	TS 62		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".		
PSTN parameter values:			
PLMN parameter values:	GSM-BC= facsimile G3		
Comments:	NOTE: some PSTNs provide announcements instead of sending cause value #1.		

1020302	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-PSTN/Basic_call/Unsucc	cessful/Facsimile G3/TC1020302
PSTN selection criteria:		
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that when the called PSTN user is busy the network transport the cause value #17 "user busy" to the calling user.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC = facsimile G3	
Comments:		

4000000	DOTN: 4 4	D. 1411
1020303	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	L10 300 001	ETS 300 557 [35], Annex H.1.8
		E13 300 337 [33], Allilex II.1.6
TSS reference:	PLMN-PSTN/Basic call/Unsucc	cessful/Facsimile G3/TC1020303
	_	
PSTN selection		
criteria:		
PLMN selection	TS 62	
criteria:		
Test purpose:	Ensure that when the called PSTN user is ringing but not answering, the network	
	initiate call clearing to the calling user with cause value #19 "no answer from user	
	(user alerted)".	,
	(user alerted) .	
DOTAL		
PSTN parameter		
values:		
PLMN parameter	GSM-BC = facsimile G3	
-		
values:		
Comments:		

1020304	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], Annex H.1.5
TSS reference:	PLMN-PSTN/Basic_call/Ur	successful/Facsimile G3/TC1020304
PSTN selection criteria:		
PLMN selection criteria:	TS 62	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC = facsimile G3	
Comments:		

Unsuccessful

Alternate speech and facsimile group 3

	T	
1020401	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	L 1 3 300 00 1	ETS 300 557 [35], Annex H.1.1
		E13 300 337 [33], Allilex 11.1.1
TOO mafamamaaa	DI MNI DCTNI/Dasia, apli/Linavia	accept 1/Alternate and call and faccinails CO
TSS reference:	/TC1020401	cessful/Alternate speech and facsimile G3
	7101020101	
PSTN selection		
criteria:		
PLMN selection	TS 61	
	15 61	
criteria:		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
PSTN parameter		
values:		
PLMN parameter	first GSM-BC=speech	
values:	·	
Valuoo.	second GSM-BC = Facsimile G3	
Comments:	NOTE: some PSTNs provide a	nnouncements instead of sending cause value #1.

1020402	PSTN ref. to: ETS 300 001	PLMN ref. to:
	210 300 001	ETS 300 557 [35], Annex H.1.6
TSS reference:	PSTN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC1020402	
PSTN selection criteria:		
PLMN selection criteria:	TS 61	
Test purpose:	Ensure that when the called PSTN user is busy the network transport the cause value #17 "user busy" to the calling user.	
PSTN parameter values:		
PLMN parameter values:	first GSM-BC=speech second GSM-BC = Facsimile G3	
Comments:		

	1	
1020403	PSTN ISDN ref. to:	PLMN ref. to:
	ETS 300 001	
		ETS 300 557 [35], Annex H.1.7
		ETG 200 500 [41] . 1.1 10 2 . 1.1 10 2 2
		ETS 300 599 [41], subclause 18.2, subclause 18.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsucc TC1020403	cessful/Alternate speech and facsimile G3/
PSTN selection		
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that when the called PSTN user is ringing but not answering, the network initiate call clearing to the calling user with cause value #19 "no answer from user (user alerted)".	
PSTN parameter values:		
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC = Facsimile G3	
Comments:		

1020404	PSTN ref. to: ETS 300 001	PLMN ref. to:
1020404	STN 161. 10. E13 300 001	FLIVITY ICI. LU.
		ETS 300 557 [35], Annex H.1.5
		210 300 337 [33], 74mex 11.1.3
TSS reference:	PLMN-PSTN/Basic_call/Unsuccessful/Alternate speech and facsimile G3/TC1020404	
PSTN selection		
criteria:		
PLMN selection	TS 61	
criteria:		
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
PSTN parameter values:		
PLMN parameter	first GSM-BC=speech	
values:	second GSM-BC = Facsimile G3	
Comments:		

UNSUCCESSFUL

1020501	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsucc	cessful/UDI /TC1020501
PSTN selection criteria:		
PLMN selection	UDI	
criteria:		
Test purpose:	Ensure that when the calling user requests digital connectivity for a call to a PSTN user, the network initiate call clearing to the calling user with cause value # 63 "service or option not available, # 65 "bearer service not implemented" or # 88 "incompatible destination".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=UDI with V.110/X.30	rate adaption
Comments:		

UNSUCCESSFUL Emergency Calls

1020601	PSTN ref. to: ETS 300 001	PLMN ref. to:
		ETS 300 557 [35], subclause 5.2.1, subclause 5.4 subclause 7.3.2
TSS reference:	PLMN-PSTN/Basic_call/Unsuc	cessful/Emergency Call/TC1020601
PSTN selection criteria:		
PLMN selection criteria:	TS 12	
Test purpose:	5 ,	valid SIM Card. Ensure that when the called transport the cause value #17 "user busy" to the
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

6.2.11 Test purposes for PLMN-PSTN, Supplementary Services

Supplementary Services	
Speech	

1110101	PSTN ref. to: ETS 300 001 ETS 300 648 ETS 300 659	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2, ETS 300 542 [57], subclause 1 ETS 300 565 [36], subclause 1
TSS reference:	PLMN-PSTN/Supplementary_services/Speech/CLIP/TC1110101	
PSTN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:		
Test purpose:	Ensure that when the Calling party subaddress is provided by the calling user, the Calling party number is correctly delivered to the called (served) user.	
PSTN parameter values:	Calling Line Identity parameter	

PLMN parameter	GSM-BC=speech, Calling party subaddress
values:	
Comments:	

1110102	PSTN ref. to: ETS 300 001	PLMN ref. to:
	ETS 300 648	ETS 300 557 [35], subclause 9.3.23.2
	ETS 300 659	ETS 300 542 [57], subclause 1,
		ETS 300 565 [36], subclause 1
TSS reference:	PLMN-PSTN/Supplementary_	_services/Speech/CLIP/TC1110102
PSTN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:		
Test purpose:	Ensure that when no Calling party subaddress is provided by the calling user, the Calling party number information element is network provided and correctly delivered to the called (served) user.	
PSTN parameter values:	Calling Line Identity parameter	
PLMN parameter values:	GSM-BC=speech	
Comments:		

1110201	PSTN ref. to: ETS 300 001 ETS 300 648 ETS 300 659-1	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2 ETS 300 542 [57], subclause 2
		ETS 300 565 [36], subclause 2
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/CLIR/TC1110201
PSTN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:	CLIR	
Test purpose:	The calling user is provided with CLIR permanent mode subscription Ensure that when the Calling party subaddress is provided by the calling user the Calling party number is not delivered to the called user.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech, Calling party	subaddress
Comments:		

1110202	PSTN ref. to: ETS 300 001 ETS 300 648 ETS 300 659-1	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2 ETS 300 542 [57], subclause 2 ETS 300 565 [36], subclause 2
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/CLIR/TC1110202
PSTN selection criteria:	The called user is provided with CLIP	
PLMN selection criteria:	CLIR	
Test purpose:	The calling user is provided with CLIR permanent mode subscription Ensure that when No Calling party subaddress is provided by the calling user the Calling party number is not delivered to the called user.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The Stage 1, 2 and 3 specifications of the PSTN supplementary services are network operator specific. It is assumed that the PSTN subscriber acts like an ISDN-subscriber.	

1110301 PSTN re	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	ETS 300 648	ETS 300 557 [35], subclause 9.3.5.2
	ETS 300 659-1	
	2.000000	ETS 300 542 [57], subclause 3
		ETS 300 565 [36], subclause 3
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/COLR/TC1110301
PSTN selection	COLR	
	COLK	
criteria:		
PLMN selection	The calling user is provided with	n COLP
criteria:		
Test purpose:	The called (served) user is provided with COLR permanent mode subscription.	
	The Connected number information element is network provided and delivered to the calling user without any digit information. If the PSTN does not support this service, the	
	presentation indicator shall indicate "number not available due to interworking".	
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech,	
values:		
	Connected number: PI=PR, SI=NF	P, TON=unknown, NPI=unknown;
Comments:		

1110401	PSTN ref. to: ETS 300 001 ETS 300 648 ETS 300 659-1	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]
TSS reference:	PLMN-PSTN/Supplementary_se	ervices/Speech/CUG/TC1110401
PSTN selection criteria:	The called user is not member of CUG.	
PLMN selection criteria:	The calling user belongs to a CUG with outgoing access "allowed".	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed and the called user is not a CUG subscriber, the call establishment is possible.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech, CUG default request	
Comments:	The Stage 1, 2 and 3 specifications of the PSTN supplementary services are network operator specific. It is assumed that the PSTN subscriber acts like an ISDN-subscriber.	

1110402	PSTN ref. to:	PLMN ref. to:
		ETS 300 546 [33]
		ETS 300 569 [39]
TSS reference:	PLMN-PSTN /Supplementary_s	services/Speech/CUG/TC1110402
PSTN selection criteria:	The called user is not member of	of CUG.
PLMN selection criteria:	The calling user belong to a CUG with outgoing access "not allowed"	
Test purpose:	Ensure that when the calling user belong to CUG with outgoing access "not allowed" and the called user is not member of CUG, call establishment is not possible and the network initiate call clearing to the calling user with cause value #87 "user not a member of CUG".	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech, CUG default request	
Comments:		ions of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

1110501	PSTN ref. to: network operator specific	PLMN ref. to: ETS 300 546 [33] subclause 1
		ETS 300 569 [39] subclause 1
TSS reference:	PLMN-PSTN /Supplementary_s	services/Speech/CFU/TC1110501
PSTN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = Yes, with diverted-to number, "diverting number is released to the diverted-to user "= Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C, user A and user C are Notified of call diversion.	
PSTN parameter values:	CFU active	
PLMN parameter values:	GSM-BC=speech	
Comments:		ions of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

1110502	PSTN ref. to: network operator specific	PLMN ref. to: ETS 300 543 [31] subclause 1
		ETS 300 566 [37] subclause 1
TSS reference:	PLMN-PSTN /Supplementary_s	services/Speech/CFU/TC1110502
PSTN selection criteria:	The user B is in network N2 and is provided with CFU ("calling user is notified of call diversion" = Yes, with diverted-to number, "diverting number is released to the diverted-to User" = No).	
PLMN selection criteria:	Call to a forwarding subscriber (CFU)	
Test purpose:	Ensure that when user A calls u user C are Notified of call divers	ser B, the call is forwarded to user C, user A and sion.
PSTN parameter values:	CFU active	
PLMN parameter values:	GSM-BC=speech	
Comments:		ions of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

1110601	PSTN ref. to: network operator specific	PLMN ref. to:
	network operator specimo	ETS 300 543 [31] subclause 2
		ETS 300 566 [37] subclause 2
TSS reference:	PLMN-PSTN /Supplementary_s	ervices/Speech/CFB/TC1110601
PSTN selection criteria:	The user B is in network N2 and is provided with CFB ("calling user is notified of call diversion" = Yes, with diverted-to number, "diverting number is released to the diverted-to user "= Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFB)	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C, user A and user C are notified of call diversion.	
PSTN parameter values:	CFB active	
PLMN parameter values:	GSM-BC=speech	
Comments:		ons of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

		_
1110602	PSTN ref. to:	PLMN ref. to:
	network operator specific	
	network operator specific	ETS 300 543 [31] subclause 2
		E13 300 343 [31] subclause 2
		TTTT 200 F ((1251) 1 1 2
		ETS 300 566 [37] subclause 2
TSS reference:	PLMN-PSTN /Supplementary s	services/Speech/CFB/TC1110602
	'''	•
PSTN selection	The user B is in network N2 and	d is provided with CFB ("calling user is notified of
criteria:		ted-to number, "diverting number is released to
	the diverted-to User" = No).	
PLMN selection	Call to a forwarding subscriber (CFB)	
criteria:	, ,	
criteria:		
Test purpose:	Ensure that when user A calls b	busy user B, the call is forwarded to user C, user
	A and user C are notified of call	diversion.
PSTN parameter	CFB active	
•	Of B active	
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	The Stage 1, 2 and 3 specificat	ions of the PSTN supplementary services are
	network operator specific. It is a	assumed that the PSTN subscriber acts like an
	ISDN-subscriber.	and and a series of the constraint and and and and
	ISDIN-SUDSCIIDEI.	

1110701	PSTN ref. to: network operator specific	PLMN ref. to: ETS 300 543 [31] subclause 3
		ETS 300 566 [37] subclause 3
TSS reference:	PLMN-PSTN /Supplementary_	services/Speech/CFNR/TC1110701
PSTN selection criteria:	The user B is in network N2 and is provided with CFNR ("calling user is notified of call diversion" = Yes, with diverted-to number, "diverting number is released to the diverted-to user "= Yes).	
PLMN selection criteria:	Call to a forwarding subscriber (CFNR)	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C, user A and user C are notified of call diversion.	
PSTN parameter values:	CFNR active	
PLMN parameter values:	GSM-BC=speech	
Comments:		tions of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

1110702	PSTN ref. to: network operator specific	PLMN ref. to:
	metwork operator specific	ETS 300 543 [31] subclause 3
		ETS 300 566 [37] subclause 3
TSS reference:	PLMN-PSTN /Supplementary_s	services/Speech/CFNR/TC1110702
PSTN selection	The user B is in network N2 and	d is provided with CFNR ("calling user is notified
criteria:	of call diversion" = Yes, with div the diverted-to User" = No).	erted-to number, "diverting number is released to
PLMN selection	Call to a forwarding subscriber (CFNR)	
criteria:		
Test purpose:	Ensure that when user A calls u C, user A and user C are notifie	ser B, if unanswered the call is forwarded to user d of call diversion.
PSTN parameter values:	CFNR active	
PLMN parameter values:	GSM-BC=speech	
Comments:		ons of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

NON-SYMMETRICAL TESTS

1120101	PSTN ref. to: network operator specific	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.7
TSS reference:	PLMN-PSTN/Supplementary_se	ervices/Speech/MCID/TC 1120101
PSTN selection criteria:	The called (served) user is prov	ided with MCID
PLMN selection criteria:		
Test purpose:	Ensure that if MCID is invoked by the called user in the Active call state, the call is registered.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		ons of the PSTN supplementary services are ssumed that the PSTN subscriber acts like an

1120102	PSTN ref. to: network operator specific	PLMN ref. to: ETS 300 646-1, subclause 6.1.1.7
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/MCID/TC1120102
PSTN selection criteria:	The called (served) user is prov	rided with MCID
PLMN selection criteria:		
Test purpose:	Ensure that if MCID in invoked by the called user in the Disconnect Indication call state, the call is registered.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		ions of the PSTN supplementary services are assumed that the PSTN subscriber acts like an

1120201	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/MPTY/TC1120201
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C. User A is terminating the entire multi party call.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. User A is terminating the entire multi party call.	

1120202	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplem	entary_services/Speech/MPTY/TC1120202
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and release the remote party C. The call clearing procedure to user B is performed from user A.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. The call clearing procedure to user B is performed from user A.	

1120203	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/MPTY/TC1120203
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C. Afterwards the remote party C disconnects itself from the call. The call clearing procedure to user B is performed from user A.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.	

1120204	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/MPTY/TC1120204
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User A terminates the multi-party call and the single active call.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.	

1120205	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETG 200 517 ETG 200 545
		ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_so	ervices/Speech/MPTY/TC1120205
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network network N1.	N2. The PLMN user A and PLMN user C are in
	Ensure that the user A can establish	n a MPTY call to user B and user C and
	separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User A is terminates the held multi party, user B is clears the A-B ACTIVE call.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	user A calls user C. After call essending a FACILITY message t which indicates to the network the connected together in a multi-	Il establishment user A initiates call hold. Then stablishment user A invokes the MPTY service by o the network containing the BuildMTPY request hat the mobile subscriber wishes all his calls to i party call.
	SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.	

sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the			[
TSS reference: PLMN-PSTN/Supplementary_services/Speech/MPTY/TC1120206 PSTN selection criteria: PLMN selection criteria: Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the	1120206		PLMN ref. to:
TSS reference: PLMN-PSTN/Supplementary_services/Speech/MPTY/TC1120206 PSTN selection criteria: PLMN selection criteria: Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the		ETS 300 001	
PSTN selection criteria: PLMN selection criteria: Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter Values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the			ETS 300 517, ETS 300 545
PSTN selection criteria: PLMN selection criteria: Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter Values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the	TSS reference:	PLMN-PSTN/Supplementary s	ervices/Speech/MPTY/TC1120206
criteria: PLMN selection criteria: Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the		11 3-	
PLMN selection criteria: Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the			
Test purpose: The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the			
The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service be sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the	PLMN selection	MPTY	
network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the	criteria:		
separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the	Test purpose:		N2. The PLMN user A and PLMN user C are in
(A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call. After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the		Ensure that the user A can establish	h a MPTY call to user B and user C and
After the completion of the Retrieve function user A terminates the multi-party call. PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the		separate the remote user B from th	e multi-party call which is placed on hold
PSTN parameter values: PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the		(A-B ACTIVE / MPTY HELD). U	Ser B is clearing the A-B Active call.
PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the		After the completion of the Retriev	ve function user A terminates the multi-party call.
PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the	PSTN parameter		
PLMN parameter values: Comments: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the	-		
Values: User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the		GSM-BC=speech	
user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the	-		
SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call. User B is clearing the A-B Active call. After the completion of the Retrieve function wit a FACILITY message with a transaction identifier corresponding to any call in the	Comments:	user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to	
a FACILITY message with a transaction identifier corresponding to any call in the		SplitMPTY message to the network. The network will send normal CallOnHold	
INIP 1 1, user A terminates the muiti-party call.		User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the MPTY, user A terminates the multi-party call.	

		1
1120207	PSTN ref. to: ETS 300 001	PLMN ref. to:
	E15 300 001	ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/MPTY/TC1120207
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network network N1.	N2. The PLMN user A and PLMN user C are in
	Ensure that the user A can establish	h a MPTY call to user B and user C and
	separate the remote user B from th	e multi-party call which is placed on hold
	(A-B ACTIVE / MPTY HELD). U	Ser C is clearing the MPTY held call.
	User B is clearing the A-B Active call.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	user A calls user C. After call es sending a FACILITY message t	Il establishment user A initiates call hold. Then stablishment user A invokes the MPTY service by o the network containing the BuildMTPY request hat the mobile subscriber wishes all his calls to ti party call.
	To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.	
	User C is clearing the MPTY held call. User B is clearing the A-B Active call.	

1100000	DOTN not to	DI MAI not to:
1120208	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 517, ETS 300 545
		E18 300 317, E18 300 343
TSS reference:	PLMN-PSTN/Supplementary so	ervices/Speech/MPTY/TC1120208
Too reference.	l zwitt etti eappiomentary_o	1710112020
PSTN selection		
criteria:		
PLMN selection	MPTY	
criteria:		
Test purpose:	The PSTN User B is in network	N2. The PLMN user A and PLMN user C are in
' '	network N1.	
	Ensure that the user A can establish	n a MPTY call to user B and user C and
	same mate the memote year D from the	a multi mantu aall uuhiah ia mlaaad on hald
	separate the remote user B from the	e multi-party call which is placed on hold
	(A-R ACTIVE / MPTY HELD) II	ser A invokes the MPTY service and join the single
		ether. User A is terminating the entire multi party call.
	active can and the neid wit 11 togs	cther. Oser A is terminating the entire mutu party can.
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:	User A calls user B. After ca	ll establishment user A initiates call hold. Then
	user A calls user C. After call establishment user A invokes the MPTY service by	
	sending a FACILITY message to the network containing the BuildMTPY request	
		hat the mobile subscriber wishes all his calls to
	be connected together in a multi party call.	
	be connected together in a main party can.	
	To separate the remote user B from the MPTY, the served mobile will send a	
	SplitMPTY message to the network. The network will send normal CallOnHold	
	notifications to the remote parties on hold in the MPTY call.	
	User A involves the MDTV service by conding a FACILITY message to the network	
	User A invokes the MPTY service by sending a FACILITY message to the network	
	containing the BuildMTPY request which indicates to the network that the mobile	
	subscriber wishes to join the single active call and the held MPTY together in a multi	
	party call. User A is terminating the entire multi party call.	

1120209	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_s	services/Speech/MPTY/TC1120209
PSTN selection criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection. After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE). User A is terminating the multi party call. User B is clearing the Active-Held call.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

1120210	PSTN ref. to:	PLMN ref. to:
1120210	ETS 300 001	Limit fel. to.
	210 000 001	ETS 300 517, ETS 300 545
TSS reference:	PLMN-PSTN/Supplementary_s	ervices/Speech/MPTY/TC1120210
PSTN selection		
criteria:		
PLMN selection criteria:	MPTY	
Test purpose:	The PSTN User B is in network network N1.	N2. The PLMN user A and PLMN user C are in
	Ensure that the user A can establish	sh a MPTY call to user B and user C and
	separate the remote user B from the	e multi-party call which is placed on hold
	(A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.	
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).	
	User B is terminating the multi party call. After the completion of the Retrieve function concerning the A-B Active-Held call, user A is clearing the A-B connection.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:		

1120211	PSTN ref. to:	PLMN ref. to:	
1120211	ETS 300 001	Limit for to:	
	210 000 001	ETS 300 517, ETS 300 545	
TSS reference:	PLMN-PSTN/Supplementary_services/Speech/MPTY/TC1120211		
PSTN selection			
criteria:			
PLMN selection criteria:	MPTY		
Test purpose:	The PSTN User B is in network N2. The PLMN user A and PLMN user C are in network N1. Ensure that the user A can establish a MPTY call to user B and user C and separate the remote user B from the multi-party call which is placed on hold (A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection. After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).		
		party call. After the completion of the Retrieve ve-Held call, user B is clearing the A-B connection.	
PSTN parameter values:			
PLMN parameter values:	GSM-BC=speech		
Comments:			

1120301	PSTN ref. to:	PLMN ref. to:
		ETS 300 548 [34]
TSS reference:	PLMN-PSTN/Supplementary_services/Speech/Call barring service/	
	TC1120301	
PSTN selection		
criteria:		
PLMN selection criteria:	Barring of Outgoing international Calls	
Test purpose:	The calling user activates Barring of Outgoing international Calls except those to the home PLMN country (BOIC-exHC). The user is roaming outside the home PLMN country. Barring of Outgoing international Calls except those to the home PLMN country is supported by the PLMN in which the served mobile subscriber currently roams. Ensure that when the calling user activates Barring of Outgoing International Calls except those to the home PLMN country (BOIC-exHC) and the user is roaming outside	
	the home PLMN country, call established	blishment to the home PLMN country is successful.
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech	
values:		
Comments:		

6.2.12 Test purposes for PLMN- PSTN, B-channel end-to-end performance

B-channel end-to-end performance

1210101	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35], ITU-T Rec. G.101 [56]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /Speech/TC1210101	
PSTN selection criteria:	Voice transmission	
PLMN selection criteria:	TS 11, Voice transmission	
Test purpose:	To ensure that the voice transfer on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=speech	
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G.101 [56] , Appendix I.	

1210201	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /3,1 kHz audio ex PLMN/TC1210201	
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that the voice band data via modem transfer with 1,2 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

		1
1210202	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
		ETS 300 557 [35]
		ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /	
	3,1 kHz audio ex PLMN/TC1210202	
PSTN selection	Data transmission	
criteria:	Data transmission	
PLMN selection	Data transmission	
criteria:		
Test purpose:	To ensure that the voice band data via modem transfer with 2,4 kbit/s on the B-channel is performed correctly.	
PSTN parameter		
values:		
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
values:		
Comments:	The tests should be based on the requirements described in the	
	ETS 300 578 [55]	

1210203	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35] ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /3,1 kHz audio ex PLMN/1210203	
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	Data transmission	
Test purpose:	To ensure that the voice band data via modem transfer with 4,8 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

1210204	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
		ETS 300 557 [35]
		ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /	
	3,1 kHz audio ex PLMN/TC1210204	
PSTN selection	Data transmission	
criteria:	Data transmission	
PLMN selection	Data transmission	
criteria:		
Test purpose:	To ensure that the voice band data via modem transfer with 9,6 kbit/s on the B-channel is performed correctly.	
PSTN parameter		
values:		
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
values:		
Comments:	The tests should be based on the requirements described in the	
	ETS 300 578 [55]	

1210301	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35]
		ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /Facsimile G3/1210301	
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	TS 62, Data transmission	
Test purpose:	To ensure that the Facsimile group 2/3 transfer with 9,6 kbit/s on the B-channel is performed correctly.	
PSTN parameter values:		
PLMN parameter values:	GSM-BC = facsimile G3, HLC = Facsimile G2/G3	
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

PSTN ref. to:	PLMN ref. to:
FTS 300 001	
21000001	ETS 300 557 [35]
	ETS 300 578 [55]
PLMN-PSTN/ B-channel end-to-	end performance /Alternate speech and
facsimile G3/ TC1210401	
Data transmission	
TS 61 Data transmission	
13 01, Data transmission	
To ensure that the voice and Facsimile group 2/3 transfer with 9,6 kbit/s on the	
B-channel are performed correctly.	
first GSM-BC=speech	
second GSM-BC= facsimile G3, no HLC	
The tests should be based on the requirements described in the	
·	
	PLMN-PSTN/ B-channel end-to- facsimile G3/ TC1210401 Data transmission TS 61, Data transmission To ensure that the voice and Fa B-channel are performed corrections of the second GSM-BC= facsimile G3, not second GSM-BC= facsimile

1210501	PSTN ref. to: ETS 300 001	PLMN ref. to: ETS 300 557 [35]
		ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /Speech followed by data / TC1210501	
PSTN selection criteria:	Data transmission	
PLMN selection criteria:	TS 61, Data transmission	
Test purpose:	To ensure that the voice and data transfer on the B-channel are performed correctly.	
ISDN parameter values:		
PLMN parameter values:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

1210601	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	E13 300 001	ETC 200 557 [25]
		ETS 300 557 [35]
		ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to	-end performance /Emergency Call/1210601
		, ,
PSTN selection	Voice transmission	
	Voice transmission	
criteria:		
PLMN selection	TS 12; MS with valid SIM Card, Voice transmission	
criteria:		
·····	To ensure that the vaice transfer on the P channel is performed correctly	
Test purpose:	To ensure that the voice transfer on the B-channel is performed correctly.	
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech, no HLC	
•	GSIVI-BC=Speech, no file	
values:		
Comments:	The tests should be based on the requirements described in the	
	ETS 300 578 [55]	
	[210 000 070 [55]	

	•	
1210602	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	
	L 13 300 00 1	ETS 300 557 [35]
		E18 300 337 [33]
		ETS 300 578 [55]
		E13 300 378 [33]
TSS reference:	PLMN-PSTN/ B-channel end-to	-end performance /Emergency Call/
100 reference.	Elviro i o i i o o i a i i o i o i o i o i o	end performance /Emergency Call/
	TC1210602	
	101210002	
PSTN selection	Voice transmission	
criteria:	Voice transmission	
	TO 40 MC without CIM Cond. Vales transmission	
PLMN selection	TS 12; MS without SIM Card, Vo	oice transmission
criteria:		
Test purpose:	To ensure that the voice transfe	r on the B-channel is performed correctly.
1		•
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech, no HLC	
•	GSIW-BC=Speech, no ricc	
values:		
Comments:	The tests should be based on the requirements described in the	
	ETS 300 578 [55]	

1210603	PSTN ref. to:	PLMN ref. to:
	ETS 300 001	ETS 300 557 [35]
		218 300 337 [33]
		ETS 300 578 [55]
TSS reference:	PLMN-PSTN/ B-channel end-to-end performance /Emergency Call/	
	TC1210603	
PSTN selection	Voice transmission	
criteria:		
PLMN selection	TS 12; IMSI contained in the SIM Card is not recognized by the VLR, Voice	
criteria:	transmission	
Test purpose:	To ensure that the voice transfer on the B-channel is performed correctly.	
PSTN parameter		
values:		
PLMN parameter	GSM-BC=speech, no HLC	
values:		
Comments:	The tests should be based on the requirements described in the	
	ETS 300 578 [55]	

6.2.13 Test purposes for PLMN-PLMN, Basic call

In the following PLMN-PLMN Tests are used two configurations.

By the first configuration the PLMN networks are connected only over the ISUP V2. The user A in the PLMN network N1 is calling the user B in the PLMN network N2.

By the second configuration the user A and user B are subscribed to the same PMLN (Network N1) and user B is roaming in a VPLMN (Network N2). This configuration is used only in the groups: Alternate speech and facsimile group 3, Alternate Speech/Data and Speech followed by data.

6.2.13.1 Successful

Successful Speech

1310101	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech/TC1310101	
PLMN selection	TS 11	
criteria orign.:		
PLMN selection	TS 11	
criteria term.:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter	GSM-BC=speech, no HLC	
values orign.:		
PLMN parameter	GSM-BC=speech, no HLC	
values term.:		
Comments:		

1310102	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2.1
	ETS 300 604 [42],
	subclause 10.2.1
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech/TC1310102
PLMN selection	TS 11
criteria orign.:	
PLMN selection	TS 11
criteria term.:	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.
PLMN parameter	GSM-BC=speech, no HLC
values orign.:	
PLMN parameter	GSM-BC=speech, no HLC
values term.:	
Comments:	

1310103	PLMN ref. to:
1310103	
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 502 [27], subclause 6
	ETS 300 582 [40], Annex B.2.8
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech/TC1310103
PLMN selection	TS 11
criteria orign.:	
PLMN selection	TS 11
criteria term.:	
Test purpose:	Ensure that the HLC information is transported transparently through the network
	and correctly delivered to the called user. After the call establishment the call
	clearing procedure is performed from the calling user.
PLMN parameter	GSM-BC=speech, HLC=telephony
values orign.:	
PLMN parameter	GSM-BC=speech, HLC=telephony
values term.:	
Comments:	

1310104	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 502 [27], subclause 6 ETS 300 582 [40], Annex B.2.8
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech/TC1310104
PLMN selection	TS 11
criteria orign.:	
PLMN selection	TS 11
criteria term.:	
Test purpose:	Ensure that the HLC information is transported transparently through the network and correctly delivered to the called user. After the call establishment the call clearing procedure is performed from the called user.
PLMN parameter values orign.:	GSM-BC=speech, HLC=telephony
PLMN parameter values term.:	GSM-BC=speech, HLC=telephony
Comments:	

Successful	
3,1 kHz audio, ex PLMN	

1310201	PLMN ref. to: ETS 300 557 [35], subclause 5.2, subclause 5.4 ETS 300 604 [42], subclause 10.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310201	
PLMN selection	Audio	
criteria orign.:		
PLMN selection	Audio	
criteria term.:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:		

1310202	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, subclause 5.4 ETS 300 604 [42],
	subclause 10.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310202
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
Comments:	

1310203	PLMN ref. to:
.0.0200	ETS 300 557 [35],
	subclause 5.2.1
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310203
PLMN selection criteria act:	Audio, asynchronous mode, BS 21
PLMN selection	Audio, asynchronous mode, BS 21
criteria term.:	
Test purpose:	Support voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s is correctly mapped to the called user.
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values orign.:	mode, user rate 0,3 kbit/s, no LLC
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values term.:	mode, user rate 0,3 kbit/s, no LLC
Comments:	

1310204	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310204
PLMN selection	Audio, asynchronous mode, BS 22
criteria orign.:	
PLMN selection	Audio, asynchronous mode, BS 22
criteria term.:	
Test purpose:	Support of voice band data via modem: Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s is correctly mapped to the called user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, no LLC
PLMN parameter values term.::	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, no LLC
Taides termin.	
Comments:	

1310205	PLMN ref. to:
1010200	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310205
133 reference.	F LIVIN-F LIVIN/Dasic_cail/Successiul/3, FKHz addio ex F LIVIN/TO 1310203
PLMN selection	Audio, asynchronous mode, BS 24
criteria orign.:	
PLMN selection	Audio, asynchronous mode, BS 24
criteria term.:	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio
	ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s
	is correctly mapped to the called user.
DI MNI noromotor	CSM BC-2.1 kHz audio av DLMN voice hand data via modem, covrebrancus
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values orign.:	mode, user rate 2,4 kbit/s, no LLC
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values term.:	mode, user rate 2,4 kbit/s, no LLC
Comments:	

1310206	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310206
PLMN selection	Audio, asynchronous mode, BS 25
criteria orign.:	
PLMN selection	Audio, asynchronous mode, BS 25
criteria term.:	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, is correctly mapped to the called user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, no LLC
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, no LLC
Comments:	

1310207	PLMN ref. to:
1310207	
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310207
PLMN selection	Audio, asynchronous mode, BS 26
criteria orign.:	
PLMN selection	Audio, asynchronous mode, BS 26
criteria term.:	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio
	ex PLMN, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s,
	is correctly mapped to the called user.
	•
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values orign.	mode, user rate 9,6 kbit/s, no LLC
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values term.	mode, user rate 9,6 kbit/s, no LLC
Comments:	

1310208	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310208
PLMN selection criteria orign.:	Audio, asynchronous mode, BS 21
PLMN selection criteria term.:	Audio, asynchronous mode, BS 21
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0.3 kbit/s is correctly mapped and the LLC = 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0.3 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 0.3 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 0,3 kbit/s
Comments:	

1310209	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310209
PLMN selection criteria orign.:	Audio, asynchronous mode, BS 22
PLMN selection criteria term.:	Audio, asynchronous mode, BS 22
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
Comments:	

1310210	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40],	
TSS reference:	Annex B.1.2, B.2.2 PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310210	
PLMN selection criteria orign.:	Audio, asynchronous mode, BS 24	
PLMN selection criteria term.:	Audio, asynchronous mode, BS 24	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz at ex PLMN, voice band data via modem, asynchronous mode, user rate 2,4 kb is correctly mapped and the LLC = 3,1 kHz audio, voice band data via mode asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user rate 2,4 kbit/s.	oit/s em,
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronomode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s	us
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronomode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 2,4 kbit/s	us
Comments:		

1310211	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2
	ETS 300 582 [40], Annex B.1.2, B.2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310211
PLMN selection criteria act:	Audio, asynchronous mode, BS 25
PLMN selection criteria term.:	Audio, asynchronous mode, BS 25
Test purpose:	Support of terminal adapters voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s information is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 4,8 kbit/s
Comments:	

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1310212	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.2,
	B.2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310212
PLMN selection	Audio, asynchronous mode, BS 26
criteria orign.:	
PLMN selection	Audio, asynchronous mode, BS 26
criteria term.:	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values orign.:	mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem,
	asynchronous mode, user rate 9,6 kbit/s
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
values term.:	mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem,
	asynchronous mode, user rate 9,6 kbit/s
Comments:	
	<u> </u>

1310213	PLMN ref. to:
1310213	
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.3
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310213
PLMN selection	Audio, synchronous mode, BS 31
criteria orign.	
PLMN selection	Audio, synchronous mode, BS 31
criteria term.:	
Test purpose:	Support of terminal adapters voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode,
	user rate 1,2 kbit/s is correctly mapped to the called user.
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
values act:	mode, user rate 1,2 kbit/s, no LLC
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
values term.:	mode, user rate 1,2 kbit/s, no LLC
Comments:	

1310214	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310214
PLMN selection criteria orign.:	Audio, synchronous mode, BS 32
PLMN selection criteria term.:	Audio, synchronous mode, BS 32
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly mapped to the called user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, no LLC
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, no LLC
Comments:	

1310215	PLMN ref. to:	
1010210	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2	
	ETS 300 582 [40], Annex B.1.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310215	
PLMN selection	Audio, synchronous mode, BS 33	
criteria orign.:		
PLMN selection	Audio, synchronous mode, BS 33	
criteria term.:		
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio	
	ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s,	
	is correctly mapped to the called user.	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
values orign.:	mode, user rate 4,8 kbit/s, no LLC	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
values term.:	mode, user rate 4,8 kbit/s, no LLC	
Comments:		

1310216	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2	
	ETS 300 582 [40], Annex B.1.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310216	
PLMN selection	Audio, synchronous mode, BS 34	
criteria orign.:		
PLMN selection	Audio, synchronous mode, BS 34	
criteria term.:		
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 9,6 kbit/s, is correctly mapped to the called user.	
PLMN parameter values orign.	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 9,6 kbit/s, no LLC	
PLMN parameter values term.	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 9,6 kbit/s, no LLC	
Comments:		

1310217	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.3	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310217	
PLMN selection criteria orign.:	Audio, synchronous mode, BS 31	
PLMN selection criteria term.:	Audio, synchronous mode, BS 31	
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.	
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s	
Comments:		

1310218	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2	
	ETS 300 582 [40],	
	Annex B.1.2, B.2.2	
TSS reference:	PLMN-PLMN/Basic_call/Successf	ful/3,1 kHz audio, ex PLMN/TC1310218
PLMN selection	Audio, synchronous mode, BS 32	
criteria orign.:		
PLMN selection	Audio, synchronous mode, BS 32	
criteria term.:		
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC = 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.	
PLMN parameter values orign.:		l, voice band data via modem, synchronous ,1 kHz audio, voice band data via modem, kbit/s
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 2,4 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 2,4 kbit/s	
Comments:		

1310219	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2,	
	B.2.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310219	
PLMN selection criteria act:	Audio, synchronous mode, BS 33	
PLMN selection	Audio, synchronous mode, BS 33	
criteria term.:		
Test purpose:	Support of terminal adapters voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s information is correctly delivered to the called user.	
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 4,8 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 4,8 kbit/s	
Comments:		

1310220	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2	
	ETS 300 582 [40], Annex B.1.2,	
	B.2.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio ex PLMN/TC1310220	
PLMN selection	Audio, synchronous mode, BS 34	
criteria orign.:		
PLMN selection	Audio, synchronous mode, BS 34	
criteria term.:		
Test purpose:	Support of voice band data via modem. Ensure that the GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
values orign.:	mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem,	
	synchronous mode, user rate 9,6 kbit/s	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous	
values term.:	mode, user rate 9,6 kbit/s, LLC=3,1 kHz audio, voice band data via modem,	
	synchronous mode, user rate 9,6 kbit/s	
Comments:		

1310221	PLMN ref. to: ETS 300 557 [35], subclause 5.2, subclause 5.4 ETS 300 604 [42], subclause 10.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310221	
PLMN selection criteria orign.:	Audio	
PLMN selection criteria term.:	Audio, Single numbering Scheme	
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
Comments:		

1310222	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1, subclause 5.4	
	ETS 300 604 [42],	
	subclause 10.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/3,1 kHz audio, ex PLMN/TC1310222	
PLMN selection	Audio	
criteria orign.:		
PLMN selection	Audio, Single numbering Scheme	
criteria term.:		
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the called user clears after answer.	
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
values term.:		
Comments:		

Successful	
UDI	

1310301	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310301	
PLMN selection criteria orign.:	UDI	
PLMN selection criteria term.:	UDI	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter values orign.:	GSM-BC = UDI, rate adaption V.110/X.30, LLC=UDI, rate adaption V.110/X.30	
PLMN parameter values term.:	GSM-BC = UDI, rate adaption V.110/X.30, LLC= UDI, rate adaption V.110/X.30	
Comments:		

1310302	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2	
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310302	
PLMN selection	UDI	
criteria orign.:		
PLMN selection	UDI	
criteria term.:		
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
PLMN parameter values orign.:	GSM-BC = UDI, rate adaption V.110/X.30, LLC=UDI, rate adaption V.110/X.30	
PLMN parameter values term.:	GSM-BC = UDI, rate adaption V.110/X.30, LLC=UDI, rate adaption V.110/X.30	
Comments:		

1310303	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310303
PLMN selection criteria orign.:	UDI, asynchronous mode, BS 21
PLMN selection criteria term.:	UDI, asynchronous mode, BS 21
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0.3 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s information is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0.3 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 0.3 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 0,3 kbit/s
Comments:	

1310304	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310304
PLMN selection criteria orign.:	UDI, asynchronous mode, BS 22
PLMN selection criteria term.:	UDI, asynchronous mode, BS 22
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC=UDI/X.30 [49] , asynchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC=UDI/X.30 [49] , asynchronous mode, user rate 1,2 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	GSM-BC=UDI/X.30 [49] , asynchronous mode, user rate 1,2 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 1,2 kbit/s
Comments:	

1310305	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2;
TSS reference:	B 2.2 PLMN-PLMN/Basic_call/Successful/UDI/TC1310305
PLMN selection criteria orign.:	UDI, asynchronous mode, BS 24
PLMN selection criteria term.:	UDI, asynchronous mode, BS 24
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 2,4 kbit/s
Comments:	

1310306	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310306
PLMN selection criteria orign.:	UDI, asynchronous mode, BS 25
PLMN selection criteria term.:	UDI, asynchronous mode, BS 25
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 4,8 kbit/s
Comments:	

1310307	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2;
TSS reference:	B 2.2 PLMN-PLMN/Basic_call/Successful/UDI /TC1310307
PLMN selection criteria orign.:	UDI, asynchronous mode, BS 26
PLMN selection criteria term.:	UDI, asynchronous mode, BS 26
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s, LLC=UDI, V.110/X.30, asynchronous mode, user rate 9,6 kbit/s
Comments:	

1310308	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2
	ETS 300 582 [40], Annex B.1.3;
	B 2.3
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310308
PLMN selection	UDI, synchronous mode, BS 31
criteria orign.:	
PLMN selection	UDI, synchronous mode, BS 31
criteria term.:	
Test purpose:	Support of terminal adapters V.110/X.30. Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly mapped to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, no LLC
PLMN parameter	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, no LLC
values term.:	
Comments:	

1310309	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.3; B 2.3
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310309
PLMN selection criteria orign.:	UDI, synchronous mode, BS 31
PLMN selection criteria term.:	UDI, synchronous mode, BS 31
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 1,2 kbit/s
Comments:	

1310310	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310310
PLMN selection criteria orign.:	UDI, synchronous mode, BS 32
PLMN selection criteria term.:	UDI, synchronous mode, BS 32
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 2,4 kbit/s
Comments:	

1310311	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2; B 2.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/UDI/TC1310311
PLMN selection criteria orign.:	UDI, synchronous mode, BS 33
PLMN selection criteria term.:	UDI, synchronous mode, BS 33
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 4,8 kbit/s
Comments:	

1310312	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2 ETS 300 582 [40], Annex B.1.2;
TSS reference:	B 2.2 PLMN-PLMN/Basic_call/Successful/UDI /TC1310312
PLMN selection criteria orign.:	UDI, synchronous mode, BS 34
PLMN selection criteria term.:	UDI, synchronous mode, BS 34
Test purpose:	Support of terminal adapters V.110/X.30 Ensure that the GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s is correctly mapped and the LLC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s is correctly delivered to the called user.
PLMN parameter values orign.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s
PLMN parameter values term.:	GSM-BC = UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s, LLC=UDI, V.110/X.30, synchronous mode, user rate 9,6 kbit/s
Comments:	

Successful Facsimile group 3

1310401	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex
	B.1.1.1
TSS reference:	PLMN-PLMN/Basic_call/Successful/Facsimile G3/TC1310401
PLMN selection	TS 62
criteria orign.:	
PLMN selection	TS 62
criteria term.	
Test purpose:	Support of Telefax G3. Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.
PLMN parameter	GSM-BC= facsimile G3, no HLC
values orign.:	
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3
values term.:	
Comments:	

1310402	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.1.1; B 2.11
TSS reference:	PLMN-PLMN/Basic_call/Successful/Facsimile G3/TC1310402
PLMN selection criteria orign.:	TS 62
PLMN selection criteria term.	TS 62
Test purpose:	Support of Telefax G3. Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.
PLMN parameter values orign.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3
Comments:	

4040400	DI MNI nof 40.	
1310403	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1	
	ETS 300 604 [42],	
	subclause 10.2	
	ETS 300 582 [40], Annex	
	B.1.11	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Facsimile G3/TC1310403	
133 reference:	PLIVIN-PLIVIN/Dasic_cail/Successiul/Pacsiffile G3/101310403	
PLMN selection	TS 62	
criteria orign.		
PLMN selection	TS 62	
criteria orign.		
Test purpose:	Support of Telefax G3. Ensure that the GSM BC-IE representing facsimile group 3 is correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to GSM-BC= facsimile G3). The HLC "facsimile G2/G3" inserted by the network is also delivered to the called user.	
PLMN parameter values orign.:	GSM-BC= facsimile G3, no HLC	
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
Comments:		

1310404	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex	
TSS reference:	B.1.11, B.2.11 PLMN-PLMN/Basic_call/Success	sful/Facsimile G3/TC1310404
PLMN selection criteria orign.:	TS 62	
PLMN selection criteria term.:	TS 62	
Test purpose:	Support of Telefax G3. Ensure that the GSM BC-IE representing facsimile group 3 is correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to GSM-BC= facsimile G3). The HLC "facsimile G2/G3" received from the MS is delivered to the called user.	
PLMN parameter values orign.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
Comments:		

Successful

Alternate speech and facsimile group 3

1310501	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310501
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	TS 61
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC= facsimile G3, no HLC
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC = facsimile G3, no HLC
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR

PLMN ref. to:	
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0.000.0000 0.2.1	
• •	
subclause 10.2.2	
ETS 300 582 [40], Annex	
B.1.10	
PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile	ile G3/
TC1310502	
TS 61	
Single numbering Scheme, TS 61	
Ensure that call establishment (single-numbering scheme) and the procedure is performed correctly when the calling user clears after the contract of the contr	
first GSM-BC=speech	
second GSM-BC= facsimile G3, no HLC	
In case of "single numbering" the call set-up to the mobile will not	contain a
GSM-BC element	
	ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10 PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimi TC1310502 TS 61 Single numbering Scheme, TS 61 Ensure that call establishment (single-numbering scheme) and th procedure is performed correctly when the calling user clears after first GSM-BC=speech second GSM-BC= facsimile G3, no HLC In case of "single numbering" the call set-up to the mobile will not

1310503	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex	
	B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/	
	TC1310503	
PLMN selection	TS 61	
criteria orign.:		
PLMN selection criteria term.:	TS 61	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter	first GSM-BC= facsimile G3, no HLC	
values orign.:	second GSM-BC= speech	
PLMN parameter	first GSM-BC=speech	
values term.:	second GSM-BC = facsimile G3	
Comments:		

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1310504	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], Annex	
	B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/	
	TC1310504	
PLMN selection	TS 61	
criteria orign.:		
PLMN selection	Single numbering Scheme, TS 61	
criteria term.:		
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter	first GSM-BC= facsimile G3, no HLC	
values orign.:	1001170	
	second GSM-BC= speech	
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
values term.:		
Comments:		

1310505	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310505	
PLMN selection criteria orign.:	TS 61	
PLMN selection criteria term.:	TS 61	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC= facsimile G3, no HLC	
PLMN parameter values term.:	User A and user B are subscribed to different PLMN's first GSM-BC=speech second GSM-BC= facsimile G3, no HLC	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR.	

1310506	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2.1
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex
	B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/
	TC1310506
PLMN selection	TS 61
criteria orign.:	
PLMN selection	Single numbering Scheme, TS 61
criteria term.:	
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the called user clears after answer.
PLMN parameter	first GSM-BC=speech
values orign.:	second GSM-BC= facsimile G3, no HLC
PLMN parameter	
values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element

1310507	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42],	
	subclause 10.2.2 ETS 300 582 [40], Annex B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310507	
PLMN selection	TS 61	
criteria orign.:		
PLMN selection criteria term.:	TS 61	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the called user clears after answer.	
PLMN parameter	first GSM-BC= facsimile G3, no HLC	
values orign.:	second GSM-BC= speech	
PLMN parameter	first GSM-BC=speech	
values term.:	second GSM-BC = facsimile G3	
Comments:		

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1310508	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], Annex	
	B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/	
	TC1310508	
PLMN selection	TS 61	
criteria orign.:		
PLMN selection	Single numbering Scheme, TS 61	
criteria term.:		
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the called user clears after answer.	
PLMN parameter	first GSM-BC= facsimile G3, no HLC	
values orign.:		
	second GSM-BC= speech	
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
values term.:		
Comments:		

1310509	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex	
	B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310509	
PLMN selection criteria orign.:	TS 61	
PLMN selection criteria term.:	TS 61	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to first GSM-BC=speech second GSM-BC= facsimile G3, no HLC).	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC= facsimile G3, no HLC	
PLMN parameter	first GSM-BC=speech	
values term.:	second GSM-BC= facsimile G3, no HLC	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR	
	The MODIFY message in not transmitted over the ISUP.	

1310510	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310510	
PLMN selection criteria orign.:	TS 61	
PLMN selection criteria term.:	Single numbering Scheme, TS 61	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are correctly mapped (to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.	
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC= facsimile G3, no HLC	
PLMN parameter values term.:		
Comments:	The call set-up to the mobile will not contain a GSM BC element	
	The MODIFY message in not transmitted over the ISUP.	

13105011	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310511
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	TS 61, User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are correctly delivered to the called user.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC= facsimile G3, no HLC
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC= facsimile G3, no HLC
Comments:	

1310512	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 9.2.2 b 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310512
PLMN selection	TS 61
criteria orign.:	TO 04
PLMN selection	TS 61
criteria term.:	Francisco that the manager of COMPO IF (annual of him a manager in director line)
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to first GSM-BC=speech second GSM-BC= facsimile G3, no HLC).
PLMN parameter values orign.:	first GSM-BC=speech
	second GSM-BC= facsimile G3, HLC= Facsimile G2/G3
PLMN parameter values term.:	first GSM-BC=speech
	second GSM-BC= facsimile G3, no HLC
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310513	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 9.2.2 b 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310513
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	Single numbering Scheme, TS 61
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are correctly mapped (to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC= facsimile G3, HLC= Facsimile G2/G3
PLMN parameter values term.:	
Comments:	The call set-up to the mobile will not contain a GSM BC element
	The MODIFY message in not transmitted over the ISUP.

1310514	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310514
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	TS 61, User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the service "facsimile G3" are correctly delivered to the called user.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC= facsimile G3, HLC= Facsimile G2/G3
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC= facsimile G3, HLC= Facsimile G2/G3
Comments:	

1310515	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2
	ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310515
PLMN selection	TS 61
criteria orign.:	
PLMN selection criteria term.:	TS 61
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "facsimile G3" and the second indicating the service "speech" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio with the HLC = Facsimile G2/G3 over the ISUP and mapped again to first GSM-BC=speech, second GSM-BC= facsimile G3).
PLMN parameter values orign.:	first GSM-BC= GSM-BC= facsimile G3, no HLC second speech
DI MAI	first COM DO speech
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC= facsimile G3, no HLC
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310516	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310516
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	Single numbering Scheme, TS 61
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "facsimile G3" and the second indicating the service "speech" are correctly mapped to ISDN-BC= 3,1 kHz audio with the HLC = Facsimile G2/G3 (single-numbering scheme).
PLMN parameter values orign.:	first GSM-BC = facsimile G3, no HLC second GSM-BC=speech
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3
Comments:	The MODIFY message in not transmitted over the ISUP.

13105017	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310517
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	TS 61, User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "facsimile G3" and the second indicating the service "speech" are correctly delivered to the called user.
PLMN parameter values orign.:	first GSM-BC = facsimile G3, no HLC second GSM-BC=speech
PLMN parameter values term.:	first GSM-BC = facsimile G3 second GSM-BC=speech
Comments:	

1010-10	
1310518	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 9.2.2 b 10.2.2
	ETS 300 582 [40], Annex
	B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/
	TC1310518
PLMN selection	TS 61
criteria orign.:	
PLMN selection	TS 61
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "facsimile G3" with the HLC= Facsimile G2/G3 and the second indicating the service "speech" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio with the HLC = Facsimile G2/G3 over the ISUP and mapped again to first GSM-BC=speech, second GSM-BC= facsimile G3).
PLMN parameter	first GSM-BC = Facsimile G3, HLC= Facsimile G2/G3
values orign.:	second GSM-BC=speech
PLMN parameter values term.:	first GSM-BC=speech
values term.:	second GSM-BC= facsimile G3, no HLC
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310519	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 9.2.2 b 10.2.2 ETS 300 582 [40], Annex B.1.10
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/ TC1310519
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	Single numbering Scheme, TS 61
Test purpose:	Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "facsimile G3" and the second indicating the service "speech" are correctly mapped to ISDN-BC= 3,1 kHz audio with the HLC = Facsimile G2/G3(single-numbering scheme).
PLMN parameter values orign.:	first GSM-BC = Facsimile G3, HLC = Facsimile G2/G3 second GSM-BC=speech
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC= Facsimile G2/G3
Comments:	The MODIFY message in not transmitted over the ISUP.

1310520	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex
TSS reference:	B.1.10 PLMN-PLMN/Basic_call/Successful/Alternate speech and facsimile G3/
133 Telefelice.	TC1310520
PLMN selection criteria orign.:	TS 61
PLMN selection criteria term.:	TS 61, User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "facsimile G3" and the second indicating the service "speech" are correctly delivered to the called user.
PLMN parameter values orign.:	first GSM-BC= GSM-BC= facsimile G3, HLC= Facsimile G2/G3 second GSM-BC=speech
PLMN parameter values term.:	first GSM-BC= GSM-BC= facsimile G3, HLC= Facsimile G2/G3 second GSM-BC=speech
Comments:	

Successful

Alternate Speech / Data

1310601	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310601
PLMN selection	BS 61
criteria act:	
PLMN selection	BS 61
criteria term.:	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed
	correctly when the calling user clears after answer.
PLMN parameter	first GSM-BC=speech
values orign.:	and COM DC 2.1 bill and an DI MN united hand data signed and
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
PLMN parameter	first GSM-BC=speech
values term.:	10004700 04444 11 74404
	second GSM-BC=3,1 kHz audio ex PLMN
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the
	BC/LLC/HLC stored in the VLR

1310602	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310602
133 felefelice.	LIVING LIVING BASIC_CAI//OUCCESSIDI/AILEITIALE SPEECH AND DAILA TO 1310002
PLMN selection	BS 61
criteria act:	
PLMN selection	Single numbering Scheme, BS 61
criteria term.:	
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing
	procedure is performed correctly when the calling user clears after answer.
PLMN parameter	first GSM-BC=speech
values orign.:	LCOVED CALLY II DVAN I LA
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
PLMN parameter	
values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a
	GSM-BC element

1310603	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310603
PLMN selection	BS 61
criteria act:	
PLMN selection	BS 61
criteria term.:	
Test purpose:	Ensure that call establishment and the call clearing procedure is performed
	correctly when the called user clears after answer.
PLMN parameter	first GSM-BC=speech
values orign.:	1 COM DC 24111 II DYNAY II I I I I I I
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
PLMN parameter	first GSM-BC=speech
values term.:	1 COM DC 2 4 1 1 1 PM DV
	second GSM-BC=3,1 kHz audio ex PLMN
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the
	BC/LLC/HLC stored in the VLR

1310604	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310604
133 reference.	T LIMITY Dasic_call/Successful/Alternate speech and data/101310004
PLMN selection	BS 61
criteria act:	
PLMN selection	Single numbering Scheme, BS 61
criteria term.:	
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the called user clears after answer.
PLMN parameter	first GSM-BC=speech
values orign.:	
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
PLMN parameter	
values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a
	GSM-BC element

1310605	PLMN ref. to:
1310003	
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310605
PLMN selection	BS 61
criteria orign.:	
PLMN selection	BS 61
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "circular"
' '	are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and
	mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz audio ex
	PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s).
PLMN parameter	first GSM-BC=speech
values orign.:	
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s,
PLMN parameter	first GSM-BC=speech
values term.:	
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the
	BC/LLC/HLC stored in the VLR
	The MODIEY masses in moth transmitted around a ICUID
	The MODIFY message in not transmitted over the ISUP.

1310606	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2
	ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310606
PLMN selection criteria orign.:	BS 61
PLMN selection criteria term.:	Single numbering Scheme, BS 61
Test purpose:	Ensure that the repeated GSM BC-les preceded by a repeat indicator "circular" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s,
PLMN parameter values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element
	The MODIFY message in not transmitted over the ISUP.

1310607	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310607
1 33 reference.	1 Elvil 1 Elvil 1 Dasic_call/Oddccsslall/Alternate special and data/10101007
PLMN selection	BS 61
criteria:	
PLMN selection	BS 61; User A and user B are subscribed to the same PLMN and user B is
criteria:	roaming in a VPLMN (Visited PLMN)
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a
	VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a
	repeat indicator "circular"), the first indicating "speech" and the second indicating
	the appropriate data service with the ITC"3,1 kHz audio ex PLMN are correctly
	delivered to the called user.
DI MAI manamatan	first CCM DC speech
PLMN parameter	first GSM-BC=speech
values:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
	mode, user rate 1,2 kulus
PLMN parameter	first GSM-BC=speech
values:	· ·
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
Comments:	

1310608	PLMN ref. to:
1310000	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310608
PLMN selection	BS 61
criteria orign.:	
PLMN selection	BS 61
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "circular" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s).
PLMN parameter	first GSM-BC=speech
values orign.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC= 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s
	3,1 kHz addio, voice dand data via modern, synchronous mode, aser rate 1,2 kolas
PLMN parameter	first GSM-BC=speech
values term.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310609	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310609
PLMN selection criteria orign.:	BS 61
PLMN selection criteria term.:	Single numbering Scheme, BS 61
Test purpose:	Ensure that the repeated GSM BC-les preceded by a repeat indicator "circular" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC= 3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element
	The MODIFY message in not transmitted over the ISUP.

1010010		
1310610	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], B 1.6	
TSS reference:		sful/Alternate speech and data/TC1310610
Too reference.	Livii v Livii v Basio_sain Sassos	orally mornate operating data, i.e. to 10010
PLMN selection	BS 61	
criteria term.:		
PLMN selection	BS 61: User A and user B are su	ubscribed to the same PLMN and user B is
criteria term.:	roaming in a VPLMN (Visited PL	
	l canning in a 11 min (11enear 1	
Test purpose:	User A and user B are subscribe	ed to the same PLMN and user B is roaming in a
1 ' '		that the repeated GSM BC-IE (preceded by a
		rst indicating "speech" and the second indicating
		the ITC "3,1 kHz audio ex PLMN and LLC are
	correctly delivered to the called	
PLMN parameter	first GSM-BC=speech	
values orign.:	· ·	
g	second GSM-BC=3,1 kHz audio ex	PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s, LLC=3,1	kHz audio, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s	•
	,	
PLMN parameter	first GSM-BC=speech	
values term.:	-	
	second GSM-BC=3,1 kHz audio ex	PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s, LLC=3,1	kHz audio, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s	
	, , , , , , , , , , , , , , , , , , ,	
Comments:		

1310611	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], B 1.6	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310611	
PLMN selection	BS 61	
criteria orign.:		
PLMN selection	BS 61	
criteria term.:		
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "circular"	
	are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and	
	mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz audio ex	
	PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s).	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous	
	mode, user rate 1,2 kbit/s,	
PLMN parameter	first GSM-BC=speech	
values term.:		
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous	
	mode, user rate 1,2 kbit/s	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the	
	BC/LLC/HLC stored in the VLR	
	The MODIEV message in not transmitted even the ISUD	
	The MODIFY message in not transmitted over the ISUP.	

1310612	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2
	ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310612
PLMN selection criteria orign.:	BS 61
PLMN selection criteria term.:	Single numbering Scheme, BS 61
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "circular" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s,
PLMN parameter values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element
	The MODIFY message in not transmitted over the ISUP.

Comments:	
PLMN parameter values:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN are correctly delivered to the called user.
PLMN selection criteria:	BS 61; User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
PLMN selection criteria:	BS 61
TSS reference:	ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], B 1.6 PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310613
1310613	PLMN ref. to:

1310614	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], B 1.6	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310614	
PLMN selection criteria orign.:	BS 61	
PLMN selection criteria term.:	BS 61	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "circular" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s).	
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC= 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR The MODIFY message in not transmitted over the ISUP.	

1010015	
1310615	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], B 1.6
TSS reference:	PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310615
133 reference.	P LIVIN-P LIVIN/Basic_caii/Successidi/Aitemate speech and data/101310013
PLMN selection	BS 61
criteria orign.:	
PLMN selection	Single numbering Scheme, BS 61
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "circular"
1	are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and
	the call set-up to the MS (single-numbering scheme) will not contain a GSM BC
	element.
PLMN parameter	first GSM-BC=speech
values orign.:	
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
	mode, user rate 1,2 kbit/s,
	LLC= 3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2
	kbit/s
	KU10/3
PLMN parameter	
values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a
	GSM-BC element
	JOW DO GIOTION
	The MODIFY message in not transmitted over the ISUP.
	·

Comments:	
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "circular"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN and LLC are correctly delivered to the called user.
PLMN selection criteria term.:	BS 61; User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
PLMN selection criteria term.:	BS 61
TSS reference:	subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], B 1.6 PLMN-PLMN/Basic_call/Successful/Alternate speech and data/TC1310616
1310616	PLMN ref. to: ETS 300 557 [35],

Successfu	l
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Speech followed by data

1310701	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], B.1.7	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310701	
PLMN selection	BS 81	
criteria orign.:		
PLMN selection	BS 81	
criteria term.:		
Test purpose:	Ensure that call establishment and the call clearing procedure is performed	
	correctly when the calling user clears after answer.	
PLMN parameter	first GSM-BC=speech	
values orign.:	and COM DC 2.1 bill and a m DI MN	
	second GSM-BC=3,1 kHz audio ex PLMN,	
PLMN parameter	first GSM-BC=speech	
values term.:	A COMPC 211H A PANI	
	second GSM-BC=3,1 kHz audio ex PLMN,	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the	
	BC/LLC/HLC stored in the VLR	

1310702	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], B.1.7	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310702	
PLMN selection	BS 81	
criteria orign.:		
PLMN selection	Single numbering Scheme, BS 81;	
criteria term.:		
Test purpose:	Ensure that call establishment (single-numbering scheme) and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC=3,1 kHz audio ex PLMN,	
PLMN parameter values term.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element	

1310703	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.2
TSS reference:	ETS 300 582 [40], B.1.7 PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310703
PLMN selection criteria orign.:	BS 81
PLMN selection criteria term.:	BS 81
Test purpose:	Ensure that call establishment and the call clearing procedure is performed correctly when the calling user clears after answer.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR

1310704	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.2.1	
	ETS 300 604 [42],	
	subclause 10.2.2	
	ETS 300 582 [40], B.1.7	
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310704	
PLMN selection	BS 81	
criteria orign.:		
PLMN selection	Single numbering Scheme, BS 81;	
criteria term.:		
Test purpose:	Ensure that call establishment (single-numbering scheme)and the call clearing procedure is performed correctly when the calling user clears after answer.	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem	
PLMN parameter		
values term.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element	

1310705	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], B.1.7,
	B.2.7.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310705
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator
	"sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the
	ISUP and mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz
	audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2
	kbit/s).
DI MNI maramatar	First CCM DC apaceb
PLMN parameter	first GSM-BC=speech
values orign.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s synchronous mode,
	mode, user rate 1,2 kb/vs synchronous mode,
PLMN parameter	first GSM-BC=speech
values term.:	
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the
	BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310706	PLMN ref. to: ETS 300 557 [35], subclause 5.2 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], B.1.7, B.2.7.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310706
PLMN selection criteria orign.:	BS 81
PLMN selection criteria term.:	Single numbering Scheme, BS 81;
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "sequential" are correctly mapped (to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s synchronous mode
PLMN parameter values term.:	
Comments:	In case of single numbering the call set-up to the mobile will not contain a GSM-BC element
	The MODIFY message in not transmitted over the ISUP.

1010707	
1310707	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.7,
	B.2.7.2
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310707
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81; User A and user B are subscribed to the same PLMN and user B is
criteria term.:	roaming in a VPLMN (Visited PLMN)
ornoria tornii.	
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a
	VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a
	repeat indicator "sequential"), the first indicating "speech" and the second
	indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) are
	correctly delivered to the called user.
	correctly delivered to the called user.
PLMN parameter	first GSM-BC=speech
values act:	mat dem de apassir
values act.	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
	inode, user rate 1,2 koros
PLMN parameter	first GSM-BC=speech
values term.:	20 3p33011
values terri	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
	inode, user rate 1,2 kurus
Comments:	

1310708	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2.1
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.7,
	B.2.7.1,
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310708
133 reference.	Elviiv-F Elviiv/Basic_caii/Successidi/Speecii Tollowed by data/101310700
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator
	"sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the
	ISUP and mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz
	audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2
	kbit/s without LLC).
PLMN parameter	first GSM-BC=speech
values orign.:	100M DC 241M - I' - DV DV - 1 - 1 - 1 - 1
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values term.:	
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the
	BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310709	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.7, B.2.7.1,
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310709
PLMN selection criteria orign.:	BS 81
PLMN selection criteria term.:	Single numbering Scheme, BS 81;
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	
Comments:	The call set-up to the mobile will not contain a GSM BC element
	The MODIFY message in not transmitted over the ISUP.

1310710	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2.1
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.7,
	B.2.7.1,
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310710
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81; User A and user B are subscribed to the same PLMN and user B is
criteria term.:	roaming in a VPLMN (Visited PLMN)
Criteria termi.	Tourning in a VI Elvil Violed I Elvil V
Test purpose:	User A and user B are subscribed to different PLMNs and user B is roaming in a
1	VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a
	repeat indicator "sequential"), the first indicating "speech" and the second
	indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN)
	and LLC are correctly delivered to the called user.
	and LLC are correctly delivered to the called user.
PLMN parameter	first GSM-BC=speech
values orign.:	'
· · · · · · · · · · · · · · · · · · ·	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
	mode, aser rate 1,2 Rola s
PLMN parameter	first GSM-BC=speech
values term.:	'
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, synchronous
	mode, user rate 1,2 kbit/s
	1110de, 6501 140 1,2 1010 5
Comments:	

1210711	DI MNI nef 4 a
1310711	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.7
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310711
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81
criteria term.:	
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator
	"sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP and mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s).
PLMN parameter	first GSM-BC=speech
values orign.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter	first GSM-BC=speech
values term.:	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.

1310712	PLMN ref. to: ETS 300 557 [35], subclause 5.2
	ETS 300 604 [42], subclause 10.2.2 ETS 300 582 [40], Annex B.1.7
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310712
PLMN selection criteria orign.:	BS 81
PLMN selection criteria term.:	Single numbering Scheme, BS 81
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element.
	The MODIFY message in not transmitted over the ISUP.

1310713	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2
	ETS 300 604 [42],
	subclause 10.2.2
	ETS 300 582 [40], Annex B.1.7
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310713
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81; User A and user B are subscribed to the same PLMN and user B is
criteria term.:	roaming in a VPLMN (Visited PLMN)
	, , ,
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a
	VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a
	repeat indicator "sequential"), the first indicating "speech" and the second
	indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) are
	correctly delivered to the called user.
PLMN parameter	first GSM-BC=speech
values orign.:	
Valuos origini.	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
	mode, user rate 1,2 kbit/s
PLMN parameter	first GSM-BC=speech
values term.:	1COMPC 211H I' NIMI ' 1 11 '
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
	mode, user rate 1,2 kbit/s
Comments:	

1010711	
1310714	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.2.1
	ETS 300 582 [40], Annex B.1.7,
	B.2.7.1
-	=
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310714
PLMN selection	BS 81
criteria orign.:	
PLMN selection	BS 81
criteria term.:	DO 01
	5 4 44 4 4 10011 20 15 4 14 4 15 4
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator
	"sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the
	ISUP and mapped again to first GSM-BC=speech, second GSM-BC=3,1 kHz
	audio ex PLMN, voice band data via modem, synchronous mode, user rate 1,2
	kbit/s without LLC).
	Roll 3 Williout LEO).
PLMN parameter	first GSM-BC=speech
values orign.:	
values origin.	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem,
	asynchronous mode, user rate 1,2 kbit/s
PLMN parameter	first GSM-BC=speech
-	
values term.:	second CSM PC-2 1 kHz audio av DI MN, voice hand date vie medem, second-renewe
	second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous
	mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem,
	asynchronous mode, user rate 1,2 kbit/s
Comments:	The call set-up to the mobile will contain a GSM BC mapped from the
	BC/LLC/HLC stored in the VLR
	The MODIFY message in not transmitted over the ISUP.
	<u> </u>
<u> </u>	·

1310715 TSS reference:	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 582 [40], Annex B.1.7, B.2.7.1 PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310715
PLMN selection criteria orign.:	BS 81
PLMN selection criteria term.:	Single numbering Scheme, BS 81
Test purpose:	Ensure that the repeated GSM BC-IEs preceded by a repeat indicator "sequential" are correctly delivered (mapped to ISDN-BC= 3,1 kHz audio over the ISUP) and the call set-up to the MS (single-numbering scheme) will not contain a GSM BC element.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element. The MODIFY message in not transmitted over the ISUP.

1310716	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1 ETS 300 582 [40], Annex B.1.7, B.2.7.1
TSS reference:	PLMN-PLMN/Basic_call/Successful/Speech followed by data/TC1310716
PLMN selection criteria orign.:	BS 81
PLMN selection criteria term.:	BS 81; User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN)
Test purpose:	User A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN (Visited PLMN). Ensure that the repeated GSM BC-IE (preceded by a repeat indicator "sequential"), the first indicating "speech" and the second indicating the appropriate data service with the ITC "3,1 kHz audio ex PLMN) and LLC are correctly delivered to the called user.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC=3,1 kHz audio ex PLMN, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s, LLC=3,1 kHz audio, voice band data via modem, asynchronous mode, user rate 1,2 kbit/s
Comments:	

Successful

Short message service

1310801	PLMN ref. to: ETS 300 559
TSS reference:	PLMN-PLMN/Basic_call/Successful/Short_message/TC1310801
PLMN selection criteria orign.:	SMS
PLMN selection criteria term.	SMS
Test purpose:	SMS transfer on SDCCH from a MS-A to MS-B when both the MS's are in the Idle state.
PLMN parameter values orign.:	GSM-TS= Short Message MO – PP
PLMN parameter values term.:	GSM-TS= Short Message MT – PP
Comments:	

1310802	PLMN ref. to: ETS 300 559
TSS reference:	PLMN-PLMN/Basic_call/Successful/Short_message/TC1310802
PLMN selection criteria orign.:	SMS
PLMN selection criteria term.	SMS
Test purpose:	SMS transfer on SACCH from a MS-A to MS-B when both the MS's are involved in an active call (Active State).
PLMN parameter values orign.:	GSM-TS= Short Message MO – PP
PLMN parameter values term.:	GSM-TS= Short Message MT – PP
Comments:	

1310803	PLMN ref. to:
	ETS 300 559
TSS reference:	PLMN-PLMN/Basic_call/Successful/Short_message/TC1310803
PLMN selection	SMS
criteria orign.:	
PLMN selection	SMS
criteria term.	
Test purpose:	SMS transfer on SDCCH from a MS-A to MS-B. MS-A is in Idle state, MS-B is detached. Verify that when MS-B becomes reachable, he shall receive the Short Message from the network.
PLMN parameter values orign.:	GSM-TS= Short Message MO – PP
PLMN parameter values term.:	CSM TS - Short Massage MT DD
	GSM-TS= Short Message MT – PP
Comments:	MS-B is detached when the Short Message is sent.

1310804	PLMN ref. to: ETS 300 559
TSS reference:	PLMN-PLMN/Basic_call/Successful/Short_message/TC1310804
PLMN selection criteria orign.:	SMS
PLMN selection criteria term.	SMS
Test purpose:	SMS transfer on SDCCH from a MS-A to MS-B. MS-A and MS-B are in Idle state. The SIM Card memory of MS-B is full. Verify that when the SIM Card memory of MS-B becomes available, MS-B shall receive the Short Message from the network.
PLMN parameter values orign.:	GSM-TS= Short Message MO – PP
PLMN parameter values term.:	GSM-TS= Short Message MT – PP
Comments:	The SIM Card memory of MS-B is full when the Short Message is sent.

6.2.13.2 Unsuccessful

Unsuccessful	
speech	

1320101	PLMN ref. to: ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320101
PLMN selection criteria orign.:	TS 11
PLMN selection criteria term.:	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value # 1.

1320102	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320102
PLMN selection criteria orign.:	TS 11
PLMN selection criteria term.:	TS 11
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy", the network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	After receiving the SETUP message, the called MS replies immediately with a RELEASE COMPLETE (#17 "user busy")

1320103	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320103
PLMN selection criteria orign.:	TS 11
PLMN selection criteria term.:	TS 11
Test purpose:	Ensure that, when the called user is busy (NDUB), the network initiate call clearing to the calling user indicating cause value #17 "user busy" and transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	
Comments:	

1320104	PLMN ref. to: ETS 300 557 [35], H.1.7
	ETS 300 599 [41],
	subclause 18.2,
	subclause 18.3.2
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320104
PLMN selection	TS 11
criteria orign.:	
PLMN selection criteria term.:	TS 11
Test purpose:	Ensure that when the called user is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #18 "no user responding".
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter	
values term.:	
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value # 18.

1320105	DI MNI vof. to.
1320105	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.8
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320105
PLMN selection	TS 11
criteria orign.:	
PLMN selection	TS 11
criteria term.:	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter	GSM-BC=speech
values term.:	
Comments:	

1320106	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, Annex H.1.9
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320106
PLMN selection criteria orign.:	TS 11
PLMN selection criteria term.:	TS 11
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	

1320107	PLMN ref. to:
	ETS 300 557 [35], Annex H.5.3
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320107
PLMN selection	TS 11
criteria orign.:	
PLMN selection	TS 11
criteria term.:	
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "called user not compatible", the network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter	GSM-BC=speech
values term.	
Comments:	

1320108	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.5
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320108
PLMN selection	TS 11
criteria orign.:	
PLMN selection	TS 11
criteria term.:	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.
PLMN parameter	GSM-BC=speech
values orign.:	·
PLMN parameter	GSM-BC=speech
values term.	
Comments:	

1320109	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Speech/TC1320109
PLMN selection criteria orign.:	TS 11
PLMN selection criteria term.:	TS 11
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy").

Unsuccessful

3,1 kHz audio ex PLMN

1320201	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.1
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320201
PLMN selection	Audio
criteria orign.:	
PLMN selection	
criteria term.:	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number"
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values orign.:	
PLMN parameter	
values term.:	
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value #
	1.

1320202	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.6
TCC reference:	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320202
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy". The network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN
Comments:	After receiving the SETUP message, the called MS replies immediately with a RELEASE COMPLETE (#17 "user busy")

1320203	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320203
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call clearing to the calling user indicating cause value #17 "user busy".
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN
PLMN parameter values term.:	
Comments:	

1320204	PLMN ref. to: ETS 300 557 [35], H.1.7 ETS 300 599 [41], subclause 18.2,
	subclause 16.2,
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320204
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #18 "no user responding".
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN
PLMN parameter values term.:	
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value # 18.

1320205	PLMN ref. to: ETS 300 557 [35], Annex H.1.8
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320205
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values term.:	
Comments:	

1320206	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320206
PLMN selection criteria orign.:	Audio
PLMN selection criteria term.:	Audio
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected",. The network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN
PLMN parameter values term.:	GSM-BC=3,1 kHz audio ex PLMN
Comments:	

4000007	DI MANI
1320207	PLMN ref. to:
	ETS 300 557 [35], Annex
	B.3.2, H 5.3
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320207
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination", the network transport the cause value to the calling user.
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values orign.:	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values term.:	
Comments:	

1320208	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.5
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320208
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing", before answer from called user, the network transport the cause value to the called user.
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values orign.:	
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values term.:	
Comments:	

1220200	DI MAN yes so.
1320209	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/3,1 kHz audio ex PLMN /TC1320209
PLMN selection	Audio
criteria orign.:	
PLMN selection	Audio
criteria term.:	
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".
PLMN parameter values orign.:	GSM-BC=3,1 kHz audio ex PLMN
PLMN parameter	GSM-BC=3,1 kHz audio ex PLMN
values term.:	
Comments:	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy").

Unsuccessful	
UDI	

1320301	PLMN ref. to: ETS 300 557 [35], Annex H.1.1
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320301
PLMN selection criteria orign.:	UDI
PLMN selection criteria term.:	
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter values term.:	
Comments:	

1320302	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320302
PLMN selection criteria orign.:	UDI
PLMN selection criteria term.:	UDI
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy", the network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption
Comments:	After receiving the SETUP message, the called MS replies immediately with a RELEASE COMPLETE (#17 "user busy").

1320303	PLMN ref. to: ETS 300 557 [35], Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320303
PLMN selection criteria orign.:	UDI
PLMN selection criteria term.:	UDI
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call clearing to the calling user indicating cause value #17 "user busy".
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter values term.:	
Comments:	

1320304	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.7
	ETS 300 599 [41],
	subclause 18.2,
	subclause 18.3.2
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320304
PLMN selection	UDI
criteria orign.:	
PLMN selection	UDI
criteria term.:	
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #18 "no user responding".
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption
values orign.:	
PLMN parameter	
values term.:	
Comments:	

1320305	PLMN ref. to:
	ETS 300 557 [35], Annex H.1.8
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320305
PLMN selection	UDI
criteria act:	
PLMN selection	UDI
criteria term.:	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire" or using cause #31 "normal, unspecified".
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption
values term.:	
Comments:	

1320306	PLMN ref. to: ETS 300 557 [35], subclause 5.2.2.3.1, Annex H.1.9
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320306
PLMN selection criteria orign.:	UDI
PLMN selection criteria term.:	UDI
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
Comments:	

1320307	PLMN ref. to: ETS 300 557 [35], Annex H.5.3
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320307
PLMN selection criteria orign.:	UDI
PLMN selection criteria term.:	UDI
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination ", the network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption
Comments:	

4000000	DI MAN I COLO
1320308	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.5
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320308
PLMN selection	UDI
criteria orign.	
PLMN selection	UDI
criteria term.:	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption
values orign.:	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption
values term.:	
Comments:	

1320309	PLMN ref. to: ETS 300 557 [35],
	Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/UDI/TC1320309
PLMN selection criteria orign.:	UDI
PLMN selection criteria term.:	UDI
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption
Comments:	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy)

Unsuccessful Facsimile group 3

1320401	PLMN ref. to:	
	ETS 300 557 [35],	
	Annex H.1.1	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320401	
PLMN selection	TS 62	
criteria orign.:		
PLMN selection		
criteria term.:		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
PLMN parameter	GSM-BC= facsimile G3, no HLC	
values orign.:		
PLMN parameter		
values term.:		
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value # 1.	

1320402	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320402
PLMN selection	TS 62
criteria orign.:	
	TC C2
PLMN selection	TS 62
criteria term.:	
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy", the network transport the cause value to the calling user.
PLMN parameter values orign.:	GSM-BC = facsimile G3
DI MNI parameter	CSM PC- fossimila C2, ULC - Fossimila C2/C2
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3
values term.:	
Comments:	After receiving the SETUP message, the called MS replies immediately with a
	RELEASE COMPLETE (#17 "user busy")
	("" " " " " " " " " " " " " " " " " " "

4000400	DI MAI not de	
1320403	PLMN ref. to:	
	ETS 300 557 [35],	
	Annex H.1.6	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320403	
PLMN selection	TS 62	
criteria orign.:		
PLMN selection	TS 62	
criteria term.:		
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call clearing to the calling user indicating cause value #17 "user busy" and transport the cause value to the calling user.	
PLMN parameter	GSM-BC = facsimile G3	
values orign.:		
PLMN parameter		
values term.:		
Comments:		

1320404	PLMN ref. to: ETS 300 557 [35], Annex H.1.7 ETS 300 599 [41],	
	subclause 18.2, subclause 18.3.2	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320404	
PLMN selection criteria orign.:	TS 62	
PLMN selection criteria term.:	TS 62	
Test purpose:	The PLMN Subscriber is in mode "detached". The GMSC will be informed by the HLR (MAP Error #18) that the subscriber cannot be reached. The network initiates call clearing to the calling user with cause value #18 "no user responding".	
PLMN parameter values orign.:	GSM-BC = facsimile G3	
PLMN parameter values term.:		
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value #18	

1320405	PLMN ref. to: ETS 300 557 [35], Annex H.1.8	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320405	
PLMN selection criteria act:	TS 62	
PLMN selection criteria term.:	TS 62	
Test purpose:	Ensure that when there is No answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
PLMN parameter values orign.:	GSM-BC = facsimile G3	
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
Comments:		

1320406	PLMN ref. to: ETS 300 557 [35], subclause 5.2.1, Annex H.1.9	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320406	
PLMN selection criteria act:	TS 62	
PLMN selection criteria term.:	TS 62	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.	
PLMN parameter values orign.:	GSM-BC = facsimile group 3	
PLMN parameter values term.:	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
Comments:		

1320407	PLMN ref. to:	
	ETS 300 557 [35], Annex H.	
	5.3	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320407	
PLMN selection	TS 62	
criteria act:		
PLMN selection	TS 11	
criteria term.:		
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 " incompatible destination", the network transport the cause value to the calling user.	
PLMN parameter	GSM-BC = facsimile G3	
values orign.:		
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
values term.:		
Comments:		

4220400	DI MAI not to	
1320408	PLMN ref. to:	
	ETS 300 557 [35],	
	Annex H.1.5	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320408	
PLMN selection	TS 62	
criteria act:		
PLMN selection	TS 62	
criteria term.:		
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing" before answer from called user, the network transport the cause value to the called user.	
PLMN parameter	GSM-BC = facsimile G3	
values orign.:		
PLMN parameter	GSM-BC= facsimile G3, HLC = Facsimile G2/G3	
values term.:		
Comments:		

1320409	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.6
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Facsimile G3/TC1320409
PLMN selection	TS 62
criteria orign.:	
PLMN selection	TS 62
criteria term.:	
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".
PLMN parameter values orign.:	GSM-BC = facsimile G3
PLMN parameter values term.:	GSM-BC = facsimile G3, HLC = Facsimile G2/G3
Comments:	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy").

Alternate	speech and	d facsimile	group 3

Unsuccessful

1320501	PLMN ref. to: ETS 300 557 [35],	
	Annex H.1.1	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC1320501	
PLMN selection	TS 61	
criteria act:		
PLMN selection	TS 61	
criteria term.:		
Test purpose:	Ensure that, when calling to unallocated number, the network initiate call clearing to the calling user with cause value #1 "unassigned (unallocated) number".	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC = Facsimile G3	
PLMN parameter		
values term.:		
Comments:	NOTE: Some PLMNs provide announcements instead of sending cause value # 1.	

1320502	PLMN ref. to:
	ETS 300 557 [35],
	Annex H.1.6
TOO matamana	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3
	/TC1320502
PLMN selection	TS 61
criteria act:	
PLMN selection	TS 61
criteria term.:	
Test purpose:	Ensure that, when the called user is busy (UDUB) and responds with RELEASE
1	COMPLETE indicating cause value #17 "user busy", the network transport the
	cause value to the calling user.
	Sauce value to the saining user.
PLMN parameter	first GSM-BC=speech
values orign.:	·
	second GSM-BC = Facsimile G3
PLMN parameter	first GSM-BC=speech
values term.:	·
	second GSM-BC = Facsimile G3
Comments:	

1320503	PLMN ref. to:	
	ETS 300 557 [35],	
	Annex H.1.6	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC1320503	
PLMN selection criteria act:	TS 61	
PLMN selection criteria term.:	Single numbering Scheme, TS 61	
Test purpose:	Ensure that, when the called (single-numbering scheme) user is busy (UDUB) and responds with RELEASE COMPLETE indicating cause value #17 "user busy",, the network transport the cause value to the calling user.	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC = Facsimile G3	
PLMN parameter values term.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element, except in the case when user A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN.	

1320504	PLMN ref. to:	
	ETS 300 557 [35],	
	Annex H.1.6	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3	
	/TC1320504	
PLMN selection	TS 61	
criteria act:		
PLMN selection	TS 61	
criteria term.:		
Test purpose:	Ensure that, when the called user is busy (NDUB) the network initiate call	
	clearing to the calling user indicating cause value #17 "user busy".	
PLMN parameter	first GSM-BC=speech	
values orign.:		
	second GSM-BC = Facsimile G3	
PLMN parameter		
-		
values term.:		
Comments:		

1320505	PLMN ref. to:	
	ETS 300 557 [35], H.1.7	
	ETS 300 599 [41],	
	subclause 18.2,	
	subclause 18.3.2	
TSS reference:		ssful/Alternate speech and facsimile G3
	/TC1320505	
PLMN selection	TS 61	
criteria orign.:		
PLMN selection	TS 61	
criteria term.:		
Test purpose:	HLR (MAP Error #18) that the sub	"detached". The GMSC will be informed by the scriber cannot be reached. The network user with cause value #18 "no user
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC = Facsimile G3	
PLMN parameter		
values term.:		
Comments:	NOTE: Some PLMNs provide ann	ouncements instead of sending cause value #
	18.	
	I .	

1320506	PLMN ref. to:	
	ETS 300 557 [35],	
	Annex H.1.8	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3	
	/TC1320506	
PLMN selection	TS 61	
criteria act:		
PLMN selection	TS 61	
criteria term.:		
Test purpose:	Ensure that when there is No answer from the called user (but user alerted), the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
PLMN parameter	first GSM-BC=speech	
values term.:	second GSM-BC = Facsimile G3	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC = Facsimile G3	
Comments:		

1320507	PLMN ref. to:	
	ETS 300 557 [35], Annex H.1.8	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC1320507	
PLMN selection criteria act:	TS 61	
PLMN selection criteria term.:	Single numbering Scheme, TS 61	
Test purpose:	Ensure that when there is no answer from the called user (but user alerted), (single-numbering scheme) the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #19 "no answer from user (user alerted)" and sends to the called user a RELEASE message indicating cause # 102 "recovery on timer expire".	
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC = Facsimile G3	
PLMN parameter values orign.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element, except in the case when user A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN.	

1320508	PLMN ref. to:
	ETS 300 557 [35],
	subclause 5.1, Annex H.1.9
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3
	/TC1320508
	, , , , , , , , , , , , , , , , , , , ,
PLMN selection	TS 61
criteria act:	
PLMN selection	TS 61
criteria term.:	
Test purpose:	Ensure that when the called user rejects the call and responds with a RELEASE
	COMPLETE message indicating cause value #21 "call rejected",, the network
	transport the cause value to the calling user.
PLMN parameter	first GSM-BC=speech
values orign.:	LOWER TO LIN GO
	second GSM-BC = Facsimile G3
PLMN parameter	first GSM-BC=speech
•	III St GOIVI-DO-Speedi
values term.:	second GSM-BC = Facsimile G3
	Second Spirit Do Tuesmine Go
Comments:	

1320509	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 5.1, Annex H.1.9	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3	
	/TC1320509	
PLMN selection	TS 61	
criteria act:		
PLMN selection	Single numbering Scheme, TS 61	
criteria term.:		
Test purpose:	Ensure that when the called user rejects the call (single-numbering scheme) and responds with a RELEASE COMPLETE message indicating cause value #21 "call rejected", the network transport the cause value to the calling user.	
PLMN parameter	first GSM-BC=speech	
values orign.:	second GSM-BC = Facsimile G3	
PLMN parameter		
values term.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element, except in the case when user A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN.	

1320510	PLMN ref. to: ETS 300 557 [35], Annex H.5.3
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3/ TC1320510
PLMN selection criteria act:	TS 61
PLMN selection criteria term.:	TS 61
Test purpose:	Ensure that when the called user is not compatible and responds with a RELEASE COMPLETE message indicating cause value #88 "incompatible destination",, the network transport the cause value to the calling user.
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC = Facsimile G3
PLMN parameter values term.:	a) first GSM-BC=speech second GSM-BC = Facsimile G3
Comments:	

1320511	PLMN ref. to:	
	ETS 300 557 [35], Annex H.5.3	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3/	
	TC1320511	
PLMN selection	TS 61	
criteria act:		
PLMN selection	Single numbering Scheme, TS 61	
criteria term.:		
Test purpose:	Ensure that when the called user (single-numbering scheme) is not compatible	
	and responds with a RELEASE COMPLETE message indicating cause value	
	#88 "incompatible destination", the network transport the cause value to the	
	calling user.	
PLMN parameter	first GSM-BC=speech	
values orign.:	and COM DC Fraginile C2	
	second GSM-BC = Facsimile G3	
PLMN parameter		
values term.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a	
	GSM-BC element, except in the case when user A and user B are subscribed to	
	the same PLMN and user B is roaming in a VPLMN.	

1320512	PLMN ref. to:
1020012	ETS 300 557 [35],
	Annex H.1.5
	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3
	TC1320512
PLMN selection	TS 61
criteria act:	
PLMN selection	TS 61
criteria term.:	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call
	clearing", before answer from called user, the network transport the cause value
	to the called user.
PLMN parameter	first GSM-BC=speech
values orign.:	·
g	second GSM-BC = Facsimile G3
PLMN parameter	first GSM-BC=speech
values term.:	
	second GSM-BC = Facsimile G3
Comments:	

1320513	PLMN ref. to: ETS 300 557 [35], Annex H.1.5	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 TC1320513	
PLMN selection criteria act:	TS 61	
PLMN selection criteria term.:	Single numbering Scheme, TS 61	
Test purpose:	Ensure that when the calling user clears with cause value #16 "normal call clearing", before answer from called user (single-numbering scheme), the network transport the cause value to the called user.	
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC = Facsimile G3	
PLMN parameter values term.:		
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element, except in the case when user A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN.	

1320514	PLMN ref. to: ETS 300 557 [35], Annex H.1.6	
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3 /TC1320514	
PLMN selection criteria act:	TS 61	
PLMN selection criteria term.:	TS 61	
Test purpose:	Ensure that, when the called user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".	
PLMN parameter values orign.:	first GSM-BC=speech second GSM-BC = Facsimile G3	
PLMN parameter values term.:	first GSM-BC=speech second GSM-BC = Facsimile G3	
Comments:	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy)	

4000=4=			
1320515	PLMN ref. to:		
	ETS 300 557 [35],		
	Annex H.1.6		
TSS reference:	PLMN-PLMN/Basic_call/Unsuccessful/Alternate speech and facsimile G3		
	/TC1320515		
PLMN selection	TS 61		
criteria act:			
PLMN selection	Single numbering Scheme, TS 61		
criteria term.:	- 3 3		
Test purpose:	Ensure that, when the called (single-numbering scheme) user is busy (UDUB) after being alerted, the network initiate call clearing to the calling user with a DISCONNECT message indicating cause value #17 "user busy".		
PLMN parameter	first GSM-BC=speech		
values orign.:	second GSM-BC = Facsimile G3		
PLMN parameter			
values term.:			
Comments:	In case of "single numbering" the call set-up to the mobile will not contain a GSM-BC element, except in the case when user A and user B are subscribed to the same PLMN and user B is roaming in a VPLMN.		
	While in the alerting state, the called user sends a DISCONNECT (#17 "user busy)		

6.2.14 Test purposes for PLMN-PLMN Supplementary services

6.2.14.1 Bearer capability "speech"

Supplementary Services	
Speech	

1410101	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2, ETS 300 542 [57] , subclause 1 ETS 300 565 [36], subclause 1		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CLIP/TC1410101		
PLMN selection criteria orign.:	CLIP		
PLMN selection criteria term.:	The called user is provided with CLIP		
Test purpose:	Ensure that when the Calling party subaddress is provided by the calling user, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.		
PLMN parameter values term.:	GSM-BC=speech, Calling party subaddress		

values orign.:	GSM-BC= speech Calling party number: PI=PA, TON= national/international number, SI=NP, NRI- ISDN/Telephony numbering plan (ITIL T Page E 164 [25])
Comments:	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])

1.110.100			
1410102	PLMN ref. to:		
	ETS 300 557 [35],		
	subclause 9.3.23.2		
	ETS 300 542 [57] , subclause 1		
	ETS 300 565 [36], subclause 1		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CLIP/TC1410102		
133 reference.	Livity-1 Livity-ouppierrientary_services/opeecifolit /101410102		
PLMN selection	CLIP		
criteria orign.:			
PLMN selection	The called user is provided with CLIP		
criteria term.:			
Test purpose:	Ensure that when No Calling party subaddress is provided by the calling user, the Calling party number information element is network provided and correctly delivered to the called (served) user.		
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter values term.:	GSM-BC= speech,		
values termi.	Calling party number: PI=PA SI=NP TON= national/international number,		
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
Comments:			

1410201	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2 ETS 300 542 [57], subclause 2, ETS 300 565 [36], subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CLIR/TC1410201	
PLMN selection criteria orign.:	CLIR	
PLMN selection criteria term.:	The called user is provided with CLIP	
Test purpose:	Ensure that when the Calling party subaddress is provided by the calling user the Calling party number information element is delivered to the called user without any digit information. The Calling party subaddress shall not be present.	
PLMN parameter values orign.:	GSM-BC=speech, Calling party subaddress	
PLMN parameter values term.:	GSM-BC= speech Calling party number: PI=PR TON=unknown SI=NP NPI=unknown	
Comments:		

1410202	PLMN ref. to:		
	ETS 300 557 [35],		
	subclause 9.3.23.2		
	ETS 300 542 [57] , subclause 2		
	ETS 300 565 [36], subclause 2		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CLIR/TC1410202		
PLMN selection	CLIR		
criteria orign.:			
PLMN selection	The called user is provided with CLIP		
criteria term.:	·		
Test purpose:	The calling user is provided with CLIR permanent mode subscription		
	Ensure that when No Calling party subaddress is provided by the calling user the Calling party number information element is delivered to the called user without any digit information.		
PLMN parameter	GSM-BC=speech		
values orign.:	·		
PLMN parameter	Calling party number: PI=PR TON=unknown SI=NP NPI=unknown		
values term.:			
Comments:			

1410301	PLMN ref. to: ETS 300 557 [35], subclause 9.3.5.2 ETS 300 542 [57], subclause 3 ETS 300 565 [36], subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/COLP/TC1410301		
PLMN selection criteria orign.:	The calling user is provided with COLP		
PLMN selection criteria term.:	COLP		
Test purpose:	Ensure that when the Connected subaddress number is provided by the called user, the Connected number and Connected subaddress information elements are correctly delivered to the calling (served) user.		
PLMN parameter values orign.:	GSM-BC=speech; Connected number PI=PA, SI=NP, TON= national/international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25]) Connected subaddress		
PLMN parameter values term.:	Connected subaddress		
Comments:			

4.440000	DI MAL mad dis		
1410302	PLMN ref. to:		
	ETS 300 557 [35],		
	subclause 9.3.5.2		
	ETS 300 542 [57], subclause 3		
	ETS 300 565 [36], subclause 3		
<i>(</i>			
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/COLP/TC1410302		
PLMN selection	The calling user is provided with COLP		
criteria orign.:	, i		
PLMN selection	COLP		
criteria term.:			
Test purpose:	Ensure that when No Connected subaddress is provided by the called user, the Connected number information element is network provided and correctly delivered to the calling (served) user.		
PLMN parameter	GSM-BC=speech,		
values orign.:			
	Connected number: SI=NP TON= national/international number, PI=PA,		
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
PLMN parameter	GSM-BC=speech,		
values term.:			
Comments:			

4.440.404	DI MAN		
1410401	PLMN ref. to:		
	ETS 300 557 [35],		
	subclause 9.3.5.2		
	ETS 300 542 [57], subclause 3		
	ETS 300 565 [36], subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/COLR/TC1410401		
PLMN selection	The calling user is provided with COLP		
criteria orign.:			
PLMN selection	COLR		
criteria term.:			
Test purpose:	The called (served) user is provided with COLR permanent mode subscription.		
	Ensure that when No Connected subaddress is provided by the called user, the Connected number information element is network provided and delivered to the calling user without any digit information.		
PLMN parameter	GSM-BC=speech,		
values orign.:	Connected number: PI=PR, SI=NP, TON=unknown, NPI=unknown;		
PLMN parameter			
values term.:			
Comments:			

4.440504	DI MAI not to:	
1410501	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_s	ervices/Speech/CUG/TC810501
PLMN selection	CUG supplementary options: no	ot OA; not ocb; not Pref. CUG
criteria orign.:		
PLMN selection	Calling user and called user bel	ong to the same CUG;
criteria term.:	CUG supplementary options: IA; not ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)	
	JP message with a Facility IE which contains an CUG CUG.	
PLMN parameter	GSM-BC=speech; ForwardCUG	G-Info: CUG Index (CI);
values orign.:		Suppress Pref. CUG (SPC);
		Suppress OA (SOA)
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
Comments:		

1410502	PLMN ref. to:		
1410002			
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC810502		
PLMN selection	CUG supplementary options: no	ot OA; not ocb; not Pref. CUG	
criteria orign.:	or supplies of the state of the		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
criteria termi.	the called user is roaming in a VPI	MN (Visited PLMN);	
	Calling user and called user belong	to the same CUG;	
	CUG supplementary options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);		
values orign.:		Suppress Pref. CUG (SPC);	
	Suppress OA (SOA)		
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

1410503	PLMN ref. to: ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC810503		
PLMN selection criteria orign.:	CUG supplementary options: not OA; not ocb; not Pref. CUG,		
criteria origii	the calling user is roaming in a VPLMN (Visited PLMN)		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
criteria termi.	the called user is roaming in the sai	me VPLMN (Visited PLMN) of the calling user;	
	Calling user and called user belong	to the same CUG;	
	CUG supplementary options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)		
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter values orign.:	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);		
values origin	Suppress Pref. CUG (SPC);		
	Suppress OA (SOA)		
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

Comments:		
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
values orign.:	Suppress Pref. CUG (SPC);	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)	
criteria term.:	supplementary options: IA; not ICB	
PLMN selection	The called user belongs to the same CUG with the following CUG	
PLMN selection criteria orign.:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410504	
	ETS 300 546 [33] ETS 300 569 [39]	
1410504	PLMN ref. to:	

criteria orign.: PLMN selection criteria term.: Calling user and called are subscrib the called user is roaming in a VPLMN The called user belongs to the same C options: IA; not ICB Test purpose: Ensure that when the calling us allowed, not outgoing calls barred w the called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppr	with the following CUG supplementary Ged to the same HPLMN; (Visited PLMN); UG with the following CUG supplementary er belongs to a CUG with outgoing access		
TSS reference: PLMN-PLMN/Supplementary_service PLMN selection criteria orign.: Calling user belongs to a CUG options: OA; not ocb; not Pref. CU PLMN selection criteria term.: Calling user and called are subscribted user is roaming in a VPLMN The called user belongs to the same Coptions: IA; not ICB Test purpose: Ensure that when the calling use allowed, not outgoing calls barred with the called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Pref. Culter and Culter	with the following CUG supplementary Ged to the same HPLMN; (Visited PLMN); UG with the following CUG supplementary er belongs to a CUG with outgoing access		
TSS reference: PLMN selection criteria orign.: PLMN selection criteria term.: Calling user belongs to a CUG options: OA; not ocb; not Pref. CU Calling user and called are subscribted user is roaming in a VPLMN The called user belongs to the same Coptions: IA; not ICB Test purpose: Ensure that when the calling user allowed, not outgoing calls barred with a called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref.	with the following CUG supplementary Ged to the same HPLMN; (Visited PLMN); UG with the following CUG supplementary er belongs to a CUG with outgoing access		
PLMN selection criteria orign.: PLMN selection criteria term.: Calling user and called are subscrib the called user is roaming in a VPLMN The called user belongs to the same C options: IA; not ICB Test purpose: Ensure that when the calling us allowed, not outgoing calls barred w the called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppr	with the following CUG supplementary Ged to the same HPLMN; (Visited PLMN); UG with the following CUG supplementary er belongs to a CUG with outgoing access		
criteria orign.: PLMN selection criteria term.: Calling user and called are subscrib the called user is roaming in a VPLMN The called user belongs to the same Coptions: IA; not ICB Test purpose: Ensure that when the calling use allowed, not outgoing calls barred withe called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC)	ed to the same HPLMN; (Visited PLMN); UG with the following CUG supplementary er belongs to a CUG with outgoing access		
PLMN selection criteria term.: Calling user and called are subscrib the called user is roaming in a VPLMN The called user belongs to the same C options: IA; not ICB Test purpose: Ensure that when the calling us allowed, not outgoing calls barred w the called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppr the called user receives a SETUP m	ed to the same HPLMN; (Visited PLMN); JG with the following CUG supplementary er belongs to a CUG with outgoing access		
the called user is roaming in a VPLMM The called user belongs to the same C options: IA; not ICB Test purpose: Ensure that when the calling us allowed, not outgoing calls barred with called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC)	(Visited PLMN); JG with the following CUG supplementary er belongs to a CUG with outgoing access		
the called user is roaming in a VPLMN The called user belongs to the same C options: IA; not ICB Test purpose: Ensure that when the calling us allowed, not outgoing calls barred withe called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC)	UG with the following CUG supplementary er belongs to a CUG with outgoing access		
options: IA; not ICB Test purpose: Ensure that when the calling us allowed, not outgoing calls barred withe called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress Called user receives a SETUP metallic contains a suppress of the called user receives a SETUP metallic contains a suppress of the called user receives a SETUP metallic contains a suppress of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a SETUP metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a suppression of the called user receives a setup metallic contains a setup met	er belongs to a CUG with outgoing access		
allowed, not outgoing calls barred withe called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress the called user receives a SETUP metalloop of the called user receives a setup of			
the called user belongs to the same incoming calls barred within the CU the Facility IE which shall contain a Suppress Pref. CUG (SPC), Suppress Pref. CUG (SPC), Suppress the called user receives a SETUP metalled us			
	allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)		
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter GSM-BC=speech; ForwardCUG-Inf	o: CUG Index (CI);		
values orign.:	press Pref. CUG (SPC);		
	Suppress OA (SOA);		
PLMN parameter GSM-BC=speech; Facility (Invoke = values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
Comments:	NotifySS (CUG-Index))		

4440700			
1410506	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410506		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG,		
	the calling user is roaming in a VPLMN (Visited PLMN)		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
criteria teriii	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;		
	The called user belongs to the same CUG with the following CUG supplementary		
	options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)		
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);		
values orign.:	Suppress Pref. CUG (SPC);		
	Suppress OA (SOA);		
PLMN parameter	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
values term.:			
Comments:			

Comments:			
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
values orign.:	Suppress Pref. CUG (SPC);		
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN selection criteria term.:	The called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB		
PLMN selection criteria orign.:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC810503		
1410507	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]		

1410508	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC810508	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG	
PLMN selection	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in a VPLMN (Visited PLMN);	
	The called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message with a Facility IE which contains an CUG	
	index associated with the invoked CUG.	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values orign.:	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
Comments:		

1410509	PLMN ref. to:		
1410509			
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC810509		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG		
	the calling user is roaming in a VPLMN (Visited PLMN).		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
criteria teriii.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;		
	the called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC),		
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);		
values orign.:	Suppress Pref. CUG (SPC);		
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

4.4405.40		
1410510	PLMN ref. To:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410510	
PLMN selection	The calling user belongs to the same CUG with the following CUG	
criteria orign.:	supplementary options: OA; not ocb; not Pref. CUG	
PLMN selection criteria term.:	The called user belongs to CUG with the following CUG supplementary options: IA; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains an CUG index associated with the invoked CUG (normal call).	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values orign.:	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=speech	
Comments:		

1410511	PLMN ref. To:	
1410311		
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410511	
PLMN selection	The calling user belongs to the same CUG with the following CUG	
criteria orign.:	supplementary options: OA; not ocb; not Pref. CUG	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
Criteria termi.	the called user is roaming in a VPLMN (Visited PLMN);	
	The called user belongs to CUG with the following CUG supplementary options: IA ; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains an CUG index associated with the invoked CUG (normal call).	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values orign.:	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=speech	
Comments:		

1410512	PLMN ref. to:		
1410512			
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410512		
PLMN selection	The calling user belongs to the same CUG with the following CUG		
criteria orign.:	supplementary options: OA; not ocb; not Pref. CUG,		
	the calling user is roaming in a VPLMN (Visited PLMN).		
PLMN selection	Calling user and called are subscribed to the same HPLMN;		
criteria term.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;		
	The called user belongs to CUG with the following CUG supplementary options: IA ; ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC),		
	the called user receives a SETUP message without a Facility IE which contains an CUG index associated with the invoked CUG (normal call).		
PLMN parameter			
values orign.: Suppress Pref. CUG (SPC);			
PLMN parameter values term.:	GSM-BC=speech		
Comments:			

1410513	PLMN ref. to: ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410513	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG	
PLMN selection criteria term.:	The called user belongs to the same CUG with the following CUG supplementary options: IA; not ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE.	
PLMN parameter values orign.:	GSM-BC=speech; ForwardCUG-Info: Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=speech	
Comments:		

1410514	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410514		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
	the called user is roaming in a VPLM	1N (Visited PLMN);	
	_	CUG with the following CUG supplementary	
	options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG (SPC),		
	the called user receives a SETUP	message without a Facility IE.	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: Suppress Pref. CUG (SPC);		
values orign.:			
PLMN parameter	GSM-BC=speech		
values term.:			
Comments:			

4.440545	DI MNI set to		
1410515	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410515		
	,- '		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG,		
	the calling user is roaming in a VPLMN (Visited PLMN).		
PLMN selection	Calling user and called are subscribed to the same HPLMN;		
criteria term.:			
	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;		
	The called user belongs to the same CUG with the following CUG supplementary		
	The called user belongs to the same CUG with the following CUG supplementary		
	options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is		
' '	allowed, not outgoing calls barred within the CUG and not preferential CUG and		
	the called user belongs to the same CUG with incoming access allowed and not		
	incoming calls barred within the CUG, after the receipt of a SETUP message with		
	the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG		
	(SPC),		
	(0.0),		
	the called user receives a SETUP message without a Facility IE.		
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: Suppress Pref. CUG (SPC);		
values orign.:	33 23-5p333, 1 01Wald030 1110. 34pp1333 1 101. 333 (01 0),		
PLMN parameter	GSM-BC=speech		
values term.:			
Comments:			

1410516	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410516		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG		
PLMN selection	The called user is not a CUG subscriber		
criteria term.:			
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message (normal call).		
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);		
values orign.:	Suppress Pref. CUG (SPC);		
PLMN parameter values term.:	GSM-BC=speech		
Comments:			

1410517 TSS reference:	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39] PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410517		
PLMN selection criteria orign.:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG , the calling user is roaming in a VPLMN (Visited PLMN).		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN; the called user is roaming in the same VPLMN (Visited PLMN) of the calling user; The called user is not a CUG subscriber		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP.		
PLMN parameter values orign.:	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC);		
PLMN parameter values term.:	GSM-BC=speech		
Comments:			

1410518	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410518		
PLMN selection	The calling user is not member of CUG		
criteria orign.:			
PLMN selection	The called user belongs to CUG with the following CUG supplementary options:		
criteria term.:	not IA; not ICB		
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a ForwardCUG-Info the network initiate call clearing to the calling user with cause value # 29 "facility rejected".		
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter			
values term.:			
Comments:			
Comments:			

1410519	DI MNI ref. to.	
1410519	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/Speech/CUG/TC1410519
PLMN selection	The calling user is not member of CUG,	
criteria orign.:	the calling user is roaming in a VPI	LMN (Visited PLMN).
PLMN selection	Calling user and called are subs	cribed to the same HPLMN;
criteria term.:	the called user is roaming in the san	ne VPLMN (Visited PLMN) of the calling user;
	The called user belongs to CUG wit not ICB	th the following CUG supplementary options: not IA ;
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a ForwardCUG-Info the network initiate call clearing to the calling user with cause value # 29 "facility rejected".	
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:		
Comments:		

1410520	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410520	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: not OA; not ocb; not Pref. CUG	
PLMN selection criteria term.:	The called user is not member of CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) Call establishment is not possible and the network initiate call clearing to the calling	
	user with cause value # 29 "facility rejected ".	
PLMN parameter values orign.:	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values origin	Suppress Pref. CUG (SPC);	
	Suppress OA (SOA);	
PLMN parameter		
values term.:		
Comments:		

4.44.05.04	DI MAN and de	
1410521	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410521	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: not OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;	
	The called user is not member of CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with	
	CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)	
	call establishment is not possible and the network initiate call clearing to the calling user with cause value # 87 "user not a member of CUG".	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values orign.:	Suppress Pref. CUG (SPC);	
	Suppress OA (SOA);	
PLMN parameter values term.:		
Comments:		

1410522 PLMN re ETS 300 ETS 300 TSS reference: PLMN-PL	546 [33]	
ETS 300	569 [39]	
	• •	
TSS reference: PLMN-PL	_MN/Supplementary_services/Speech/CUG/TC1410522	
PLMN selection The callin	The calling user belongs to a CUG with the following CUG supplementary	
	options: OA; not ocb; not Pref. CUG	
PLMN selection The calle	d user belongs to the same CUG with the following CUG	
criteria term.: suppleme	entary options: not IA; ICB	
allowed, in the called and incorrect with the F Suppress call est user with d	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), call establishment is not possible and the network initiate call clearing to the calling user with cause value # 55 "incoming calls barred within CUG".	
PLMN parameter GSM-BC:	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values orign.:	Suppress Pref. CUG (SPC);	
PLMN parameter		
values term.:		
Comments:		

1410523	PLMN ref. to:	
1110020	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary services/Speech/CUG/TC1410523	
1 33 reference:	PLIVIN-PLIVIN/Supplementary_services/Speech/COG/1C1410525	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG	
PLMN selection	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in a VPLMN (Visited PLMN);	
	The called user belongs to the same CUG with the following CUG supplementary options: not IA ; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), call establishment is not possible and the network initiate call clearing to the calling user with cause value # 55 "incoming calls barred within CUG".	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
values orign.:	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:		
Comments:		

1410524	PLMN ref. to:	
1410524		
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410524	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection	Calling user and called are subscribed to the same HPLMN;	
criteria term.:		
	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;	
	The called user belongs to the same CUG with the following CUG supplementary	
	options: not IA; ICB;	
Toot nurneces	Encurs that when the colling upor belongs to a CLIC with outgoing access is	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is	
	allowed, not outgoing calls barred within the CUG and not preferential CUG and	
	the called user belongs to the same CUG with incoming access is not allowed	
	and incoming calls barred within the CUG, after the receipt of a SETUP message	
	with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI),	
	Suppress Pref. CUG (SPC),	
	call establishment is not possible and the network initiate call clearing to the calling	
	user with cause value # 55 "incoming calls barred within CUG".	
PLMN parameter	GSM-BC=speech; ForwardCUG-Info: CUG Index (CI);	
-	Goivi-Do-speedii, Fulwaldoug-iiilo. God iildex (Oi),	
values orign.:	Suppress Pref. CUG (SPC);	
	suppless then eee (si e),	
PLMN parameter		
values term.:		
Comments:		
Comments.		

1410525	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410525	
PLMN selection	CUG supplementary options: not OA; not OCB; not Pref. CUG	
criteria orign.:		
PLMN selection	Calling user and called user below	ong to the same CUG;
criteria term.:		
	CUG supplementary options: not I	A; not ICB.
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), the called user receives a SETUP message with a Facility IE which contains a CUG index associated with the invoked CUG.	
PLMN parameter	GSM-BC=speech; ForwardCUG	G-Info: CUG Index (CI).
values orign.:		
PLMN parameter	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
values term.:		
Comments:		

4.440500	D. 1111	
1410526	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410526	
PLMN selection	CUG supplementary options: not OA; not OCB; not Pref. CUG	
criteria orign.:		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in a VPL	MN (Visited PLMN);
	calling user and called user belong t	o the same CUG;
	CUG supplementary options: not IA	A; not ICB.
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI),	
	the called user receives a SETUI index associated with the invoked C	P message with a Facility IE which contains a CUG UG.
PLMN parameter values orign.:	GSM-BC=speech; ForwardCUG-	-Info: CUG Index (CI).
PLMN parameter values term.:	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
Comments:		

1410527	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG/TC1410527	
PLMN selection	CUG supplementary options: not OA; not OCB; not Pref. CUG	
criteria orign.:	the calling user is roaming in a VPI	LMN (Visited PLMN).
PLMN selection criteria term.:	Calling user and called are subs	cribed to the same HPLMN;
criteria term	the called user is roaming in the sar	ne VPLMN (Visited PLMN) of the calling user;
	calling user and called user belong	to the same CUG;
	CUG supplementary options: not L	A; not ICB.
Test purpose:	allowed, not outgoing calls barred the called user belongs to the sa not incoming calls barred within with the Facility IE which shall co	er belongs to a CUG with outgoing access not ed within the CUG and not preferential CUG and ame CUG with incoming access not allowed and the CUG, after the receipt of a SETUP message ontain a ForwardCUG-Info with CUG Index (CI), P message with a Facility IE which contains a CUG CUG.
PLMN parameter	GSM-BC=speech; ForwardCUG	-Info: CUG Index (CI).
values orign.:		
PLMN parameter	GSM-BC=speech; Facility (Invoke =NotifySS (CUG-Index))	
values term.:		
Comments:		

1410601	PLMN ref. to:
	ETS 300 557 [35],
	subclause 9.3.23.1.5
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/SUB/TC1410601
PLMN selection	SUB
criteria orign.:	
PLMN selection	The called (served) user is provided with SUB
criteria term.:	
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user, the Called party subaddress is correctly delivered to the called (served) user
PLMN parameter	GSM-BC=speech
values orign.:	
PLMN parameter	
values term.:	
Comments:	

1410602	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.1.5	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/SUB/TC1410602	
PLMN selection criteria orign.:	SUB	
PLMN selection criteria term.:	SUB	
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user with length = minimum, the Called party subaddress is correctly delivered to the called (served) user without any digit information	
PLMN parameter values term.:	GSM-BC=speech, Called party subaddress	
PLMN parameter values orign.:	GSM-BC=speech, Called party subaddress	
Comments:		

1410701	PLMN ref. to:	
	ETS 300 566 [37], subclause 1	
	ETS 300 543 [31], subclause 1	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFU/TC1410701	
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,	
criteria orign.:	user C is provided with CLIP.	
PLMN selection	The user B is in network N2 provided with CFU ("calling user is notified of call	
criteria term.:	diversion" = Yes).	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C.	
	User A is notified with a FACILITY (Invoke =NotifySS [CFU, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-	
	Notification]) of call diversion.	
PLMN parameter	A: ! GSM-BC=speech	
values orign.:		
PLMN parameter	CFU active	
values term.:		
	C: ? GSM-BC=speech	
Comments:		

1410702	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFU/TC1410702
PLMN selection criteria orign.:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.
PLMN selection criteria term.:	The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = No) and CLIR.
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is not notified of call diversion. User C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.
PLMN parameter values orign.:	A: ! GSM-BC=speech
PLMN parameter values term.:	CFU active C: ? GSM-BC=speech
Comments:	

4.440004	DI MAN
1410801	PLMN ref. to:
	ETS 300 566 [37], subclause 2
	ETS 300 543 [31], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFB/TC1410801
133 reference.	Livity-1 Livity-oupplementary_services/opeecif/Of b/101410001
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,
criteria orign.:	user C is provided with CLIP.
PLMN selection	The user B is in network N2 and is provided with CFB-NDUB ("calling user is
criteria term.:	notified of call diversion" = Yes ; "notification to forwarding subscriber" = Yes).
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.
	User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-
	Notification]) of call diversion.
	User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.
PLMN parameter values orign.:	A: ! GSM-BC=speech
PLMN parameter	CFB-NDUB active
values term.:	
	C: ? GSM-BC=speech
Comments:	

1410802	PLMN ref. to:
1410002	
	ETS 300 566 [37], subclause 2
	ETS 300 543 [31], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFB/TC1410802
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,
criteria orign.:	user C is provided with CLIP.
PLMN selection	The user B is in network N2 and is provided with CFB-NDUB ("calling user is
criteria term.:	notified of call diversion" = No ; "notification to forwarding subscriber" = No) and CLIR .
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.
	User A and B are not notified of call diversion.
	User C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.
PLMN parameter values orign.:	A: ! GSM-BC=speech
PLMN parameter	CFB-NDUB active
values term.:	C: ? GSM-BC=speech
Comments:	

1410901	PLMN ref. to:
1410901	
	ETS 300 566 [37], subclause 3
	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFNRy/TC1410901
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,
criteria orign.:	user C is provided with CLIP.
PLMN selection	The user B is in network N2 and is provided with CFNRy ("calling user is notified
criteria term.:	of call diversion" = Yes , "notification to forwarding subscriber" = Yes).
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user
	C.
	User A is notified with a FACILITY (Invoke =NotifySS [CFNRy, SS-Notification])
	message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFNRy, SS-
	Notification]) of call diversion.
	Licen D is notified with a NOTIEV (Involve — Notifies (CENDy, SS Notification 1)
	User B is notified with a NOTIFY (Invoke = NotifySS [CFNRy, SS-Notification])
	message of call diversion.
PLMN parameter	A: ! GSM-BC=speech
values orign.:	
PLMN parameter	CFNRy active
values term.:	
	C: ? GSM-BC=speech
Comments:	

1410902	PLMN ref. to:
	ETS 300 566 [37], subclause 3
	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFNRy/TC1410902
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,
criteria orign.:	user C is provided with CLIP.
PLMN selection	The user B is in network N2 and is provided with CFNRy ("calling user is notified
criteria term.:	of call diversion" = No "notification to forwarding subscriber" = No) and CLIR .
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C. User A and B are not notified of call diversion. User C is notified with a FACILITY IE (Invoke = NotifySS [CFU,SS-Notification]) of call diversion.
PLMN parameter values orign.:	A: ! GSM-BC=speech
PLMN parameter	CFNRy active
values term.:	C: ? GSM-BC=speech
Comments:	

1411001	PLMN ref. to:
	ETS 300 566 [37], subclause 3
	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFNRc/TC1411001
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,
criteria orign.:	user C is provided with CLIP.
PLMN selection criteria term.:	The user B is in network N2 and is provided with CFNRc ("calling user is notified of call diversion" = Yes).
Test purpose:	Ensure that when user A calls user B, if detached, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFNRy, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFNRy, SS-Notification]) of call diversion.
PLMN parameter values orign.:	A: ! GSM-BC=speech
PLMN parameter	CFNRc active, the user detached
values term.:	C: ? GSM-BC=speech
Comments:	

141102	PLMN ref. to:
	ETS 300 566 [37], subclause 3
	ETS 300 543 [31], subclause 3
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFNRc/TC1411002
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,
criteria orign.:	user C is provided with CLIP.
PLMN selection	The user B is in network N2 and is provided with CFNRc ("calling user is notified
criteria term.:	of call diversion" = No) and CLIR.
Test purpose:	Ensure that when user A calls user B, if detached the call is forwarded to user C.
	User A is not notified of call diversion.
	User C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.
PLMN parameter values orign.:	A: ! GSM-BC=speech
PLMN parameter	CFNRc active, the user is detached
values term.:	
	C: ? GSM-BC=speech
Comments:	

1411101	PLMN ref. to:
	ETS 300 544 [32], subclause 2
	ETS 300 567 [38], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/HOLD/TC1411101
PLMN selection	The calling user is provided with HOLD
criteria orign.:	
PLMN selection	HOLD
criteria term.:	
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is notified of call hold and the call can be retrieved
PLMN parameter	GSM-BC=speech
values orign.:	·
PLMN parameter	GSM-BC=speech
values term.:	
Comments:	

1411102	PLMN ref. to: ETS 300 544 [32], subclause 2
	ETS 300 567 [38], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/HOLD/TC1411102
PLMN selection	The calling user is provided with HOLD
criteria orign.:	
PLMN selection	HOLD
criteria term.:	
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is notified of call hold and that the call can be released from the calling user in the held state.
PLMN parameter	GSM-BC=speech
values orign.:	
PLMN parameter	GSM-BC=speech
values term.:	
Comments:	

1411103	PLMN ref. to: ETS 300 544 [32], subclause 2 ETS 300 567 [38], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/HOLD/TC1411103
PLMN selection criteria orign.:	The calling user is provided with HOLD
PLMN selection criteria term.:	HOLD
Test purpose:	Ensure that the calling user can initiate Call Hold, the called remote user is notified of call hold and that the call can be released from the called non –served user during the held state.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	

The state of the s	
1411104	PLMN ref. to: ETS 300 544 [32], subclause 2 ETS 300 567 [38], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/HOLD/TC1411104
PLMN selection criteria orign.:	HOLD
PLMN selection criteria term.:	The called user is provided with HOLD
Test purpose:	Ensure that the called user can initiate Call Hold, the calling remote user is notified of call hold and the call can be retrieved
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	

1411105	PLMN ref. to: ETS 300 544 [32], subclause 2 ETS 300 567 [38], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/HOLD/TC1411105
PLMN selection criteria orign.:	HOLD
PLMN selection criteria term.:	The called user is provided with HOLD
Test purpose:	Ensure that the called user can initiate Call Hold, the calling remote user is notified of call hold and that the call can be released from the called user in the held state.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	

1411106	PLMN ref. to: ETS 300 544 [32], subclause 2 ETS 300 567 [38], subclause 2
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/HOLD/TC1411106
PLMN selection criteria orign.:	HOLD
PLMN selection criteria term.:	The called user is provided with HOLD
Test purpose:	Ensure that the called user can initiate Call Hold, the calling remote user is notified of call hold and that the call can be released from the calling non – served user during the held state.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	

1411201	PLMN ref. to: ETS 300 544 [32], subclause 1 ETS 300 567 [38], subclause 1
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CW/TC1411201
PLMN selection criteria orign.:	CW
PLMN selection criteria term.:	The called user is provided with CW
Test purpose:	Ensure that the called user (MS) is busy, the called user is notified of the call waiting.
PLMN parameter values orign.:	GSM-BC=speech
PLMN parameter values term.:	GSM-BC=speech
Comments:	

1411202	PLMN ref. to:
1111202	ETS 300 544 [32], subclause 1
	ETS 300 567 [38], subclause 1
TSS reference:	PLMN-PLMN/Supplementary services/Speech/CW/TC1411202
133 reference.	FLIVING-FLIVING Supplieritary_services/Speecific VV/101411202
PLMN selection	CW
criteria orign.:	
PLMN selection	The called user is provided with CW
criteria term.:	
Test purpose:	Ensure that the Waiting call is released at the terminating exchange after timer expired.
PLMN parameter	GSM-BC=speech
values orign.:	
PLMN parameter	GSM-BC=speech
values term.:	
Comments:	

1411301	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/UUS1/TC1411301
PLMN selection criteria orign.:	UUS1
PLMN selection criteria term.:	UUS1
Test purpose:	Ensure that the network can transport a User-user information element included in the SETUP message sent from the calling user and delivered in the SETUP message sent by the network to the called user
PLMN parameter values orign.:	GSM-BC=speech, UI length=32
PLMN parameter values term.:	GSM-BC=speech, UI length=32
Comments:	

1411302	PLMN ref. to:
	ETS 300 557 [35],
	subclause 10.5.4.25,
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/UUS1/TC1411302
PLMN selection	UUS1
criteria orign.:	
PLMN selection	UUS1
criteria term.:	
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the ALERTING message sent from the called user to the calling user.
PLMN parameter values orign.:	GSM-BC=speech, UI length=32
PLMN parameter	GSM-BC=speech, UI length=32
•	GSW-BC=speech, of length=32
values term.:	
Comments:	

1411303	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/UUS1/TC1411303
PLMN selection criteria orign.:	UUS1
PLMN selection criteria term.:	UUS1
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the CONNECT message sent from the called user to the calling user
PLMN parameter values orign.:	GSM-BC=speech, UI length=32
PLMN parameter values term.:	GSM-BC=speech, UI length=32
Comments:	

1411304	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/UUS1/TC1411304
133 reference.	Livily-F Livily/Supplementary_services/Speech/0031/101411304
PLMN selection	UUS1
criteria orign.:	
PLMN selection	UUS1
criteria term.:	
Test purpose:	Ensure that after implicit activation of UUS1 and with the call in the active state, the network can transport a User-user information element included in a call clearing DISCONNECT message sent from the calling user and delivered in the DISCONNECT message sent by the network to the called user.
PLMN parameter values orign.:	GSM-BC=speech, UI length=32
PLMN parameter	GSM-BC=speech, UI length=32
values term.:	
Comments:	

1411305	PLMN ref. to: ETS 300 557 [35], subclause 10.5.4.25,
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/UUS1/TC1411305
PLMN selection criteria orign.:	UUS1
PLMN selection criteria term.:	UUS1
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in premature clearing RELEASE COMPLETE message sent from the called user and delivered in the DISCONNECT message sent by the network to the calling user
PLMN parameter values orign.:	GSM-BC=speech, UI length=32
PLMN parameter values term.:	GSM-BC=speech, UI length=32
Comments:	

1411306	PLMN ref. to: ETS 300 557 [35]
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/UUS1/TC1411306
PLMN selection criteria orign.:	UUS1
PLMN selection criteria term.:	UUS1
Test purpose:	To verify that UUI can be discarded by the network B without disrupting Normal call handling
PLMN parameter values orign.:	GSM-BC=speech, UI length=32
PLMN parameter values term.:	GSM-BC=speech
Comments:	

1411401	PLMN ref. to:
	ETS 300 517, ETS 300 545
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411401
PLMN selection	MPTY
criteria orign.:	
PLMN selection	MPTY
criteria term.:	
Test purpose:	User A is in network N1. User B and user C are in network N2.
	Ensure that the user A can establish a MPTY call to user B and user C.
	User A is terminating the entire multi party call.
PLMN parameter	GSM-BC=speech
values orign.:	
PLMN parameter	GSM-BC=speech
values term.:	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then
	user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. User A is terminating the entire multi party call.

1411402	PLMN ref. to:
	ETS 300 517, ETS 300 545
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411402
PLMN selection	MPTY
criteria orign.:	
PLMN selection	MPTY
criteria term.:	
Test purpose:	User A is in network N1. User B and user C are in network N2.
	Ensure that the user A can establish a MPTY call to user B and user C
	and release the remote party C. The call clearing procedure to user B is performed from
	user A.
PLMN parameter	GSM-BC=speech
values orign.: PLMN parameter	GSM-BC=speech
values term.:	OSM BO-speccif
Comments:	User A calls user B. After call establishment user A initiates call hold. Then
	user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. The call clearing procedure to user B is performed from user A.

1411403	PLMN ref. to:
	ETS 300 517, ETS 300 545
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411403
PLMN selection	MPTY
criteria orign.:	
PLMN selection	MPTY
criteria term.:	
Test purpose:	User A is in network N1. User B and user C are in network N2.
	Ensure that the user A can establish a MPTY call to user B and user C.
	Afterwards the remote party C disconnects itself from the call. The call clearing procedure to user B is performed from user A.
PLMN parameter	GSM-BC=speech
values orign.:	
PLMN parameter	GSM-BC=speech
values term.:	
Comments:	User A calls user B. After call establishment user A initiates call hold. Then
	user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.

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1411404	PLMN ref. to: ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411404		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	Separate the remote user B from the multi-party call which is placed on hold		
	(A-B ACTIVE / MPTY HELD). User A terminates the multi-party call and the single active call.		
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter values term.:	GSM-BC=speech		
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold		
	notifications to the remote parties on hold in the MPTY call.		

1411405	PLMN ref. to:		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411405		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	Create a private communication between A and B. The multi-party call is placed on hold (A-B ACTIVE / MPTY HELD). User A terminates the held multi party C, user B is clears the A-B ACTIVE call.		
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter	GSM-BC=speech		
values term.:			
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.		

4.44.4.00			
1411406	PLMN ref. to:		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411406		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	create a private communication between A and B. The multi-party call is placed on hold		
	(A-B ACTIVE / MPTY HELD). User B is clearing the A-B Active call.		
	After the completion of the Retrieve function user A terminates the multi-party call with C.		
PLMN parameter	GSM-BC=speech		
values orign.:	1		
PLMN parameter	GSM-BC=speech		
values term.:	55 25 Spoon		
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call. To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.		
	User B is clearing the A-B Active call. After the completion of the Retrieve function with a FACILITY message with a transaction identifier corresponding to any call in the MPTY, user A terminates the multi-party call.		

1411407	PLMN ref. to:		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411407		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	Create a private communication between A and B. The multi-party call is placed on hold		
	(A-B ACTIVE / MPTY HELD). User C is clearing the MPTY held call.		
	User B is clearing the A-B Active call.		
PLMN parameter	GSM-BC=speech		
values orign.:	COM PO annuals		
PLMN parameter	GSM-BC=speech		
values term.:			
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.		
	To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.		
	User C is clearing the MPTY held call. User B is clearing the A-B Active call.		

4.4.4.4.00			
1411408	PLMN ref. to:		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411408		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
	Hear A is in maturals NA. Hear D and wear C are in maturals NO		
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	create a private communication between A and B. The multi-party call is placed on hold (A-B ACTIVE / MPTY HELD). User A invokes the MPTY service and join the single active call and the held MPTY together. User A is terminating the entire multi party call.		
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter	GSM-BC=speech		
values term.:	OGW BO-speccorr		
Comments:	User A calls user B. After call establishment user A initiates call hold. Then user A calls user C. After call establishment user A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes all his calls to be connected together in a multi party call.		
	To separate the remote user B from the MPTY, the served mobile will send a SplitMPTY message to the network. The network will send normal CallOnHold notifications to the remote parties on hold in the MPTY call.		
	User A invokes the MPTY service by sending a FACILITY message to the network containing the BuildMTPY request which indicates to the network that the mobile subscriber wishes to join the single active call and the held MPTY together in a multi party call. User A is terminating the entire multi party call.		

1411409	PLMN ref. to:	
	ETS 300 517, ETS 300 545	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411409	
PLMN selection	MPTY	
criteria orign.:		
PLMN selection criteria term.:	MPTY	
Test purpose:	User A is in network N1. User B and user C are in network N2.	
	Ensure that the user A can establish a MPTY call to user B and user C and	
	create a private communication between A and B. The multi-party call is placed on hold (A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.	
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection (A-C) and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).	
	User A is terminating the multi party call. User B is clearing the Active-Held call.	
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:	GSM-BC=speech	
Comments:		

1411410	PLMN ref. to:		
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411410		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a M	MPTY call to user B and user C and	
	Create a private communication between A and B. The multi-party call is placed on hold (A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.		
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection (A-C) and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).		
	User C is terminating the multi party ca concerning the A-B Active-Held call, u	all. After the completion of the Retrieve function user A is clearing the A-B connection.	
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter	GSM-BC=speech		
values term.:			
Comments:			

1411411	PLMN ref. to:		
1411411			
	ETS 300 517, ETS 300 545		
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/MPTY/TC1411411		
PLMN selection	MPTY		
criteria orign.:			
PLMN selection	MPTY		
criteria term.:			
Test purpose:	User A is in network N1. User B and user C are in network N2.		
	Ensure that the user A can establish a MPTY call to user B and user C and		
	Separate the remote user C from the multi-party call which is placed on hold		
	(A-B ACTIVE / MPTY HELD). After initiating of call hold, the call A-B has an ACTIVE –HOLD- REQUEST connection.		
	After the completion of the Retrieve function concerning the MPTY call, the MPTY call is an active connection (A-C) and the A-B call has an Active-Held connection. (A-B HELD / MPTY ACTIVE).		
	User C is terminating the multi party call. After the completion of the Retrieve function concerning the A-B Active-Held call, user B is clearing the A-B connection.		
PLMN parameter	GSM-BC=speech		
values orign.:	·		
PLMN parameter values term.:	GSM-BC=speech		
Comments:			

1411501	PLMN ref. to:	
	ETS 300 548 [34]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/Call barring service/	
		·
	TC1411501	
DI MAN and and an	The colling was a stirrete Densin	and Outralian international
PLMN selection	The calling user activates Barrir	ng of Outgoing International
criteria orign.:		
PLMN selection		
criteria term.:		
Test purpose:	The calling user activates Barring of Outgoing international Calls except those to the home PLMN country (BOIC-exHC). The user is roaming outside the home PLMN country. Barring of Outgoing international Calls except those to the home PLMN country is supported by the PLMN in which the served mobile subscriber currently roams. Ensure that when the calling user activates Barring of Outgoing International Calls except those to the home PLMN country (BOIC-exHC) and the user is roaming outside the home PLMN country, call establishment to the home PLMN country is successful.	
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter	GSM-BC=speech	
values term.:		
Comments:		

1411502	PLMN ref. to: ETS 300 548 [34]	
TSS reference:	PLMN-PLMN/Supplementary_services/Call barring service/TC1411502	
PLMN selection criteria orign.:		
PLMN selection criteria term.:	The PLMN supports barring of all incoming calls (BAIC).	
Test purpose:	Ensure that when the called user activates barring of all incoming calls, call establishment is not possible. The calling user receives a FACILITY IE (Invoke =NotifySS (SS-Code, SS-Status)) in a clearing message.	
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:		
Comments:		

1411503	PLMN ref. to:		
	ETS 300 548 [34]		
TSS reference:	PLMN-PLMN/Supplementary_services/Call barring service/TC1411503		
PLMN selection			
criteria orign.:			
PLMN selection		The Network B supports barring of all incoming calls (BAIC) and barring of	
criteria term.:	incoming calls when roaming outside the home PLMN country (BIC-Roam). The MS is roaming outside the home PLMN country.		
Test purpose:	The Network B supports barring of all incoming calls (BAIC) and barring of incoming calls when roaming outside the home PLMN country (BIC-Roam). The MS is roaming outside the home PLMN country.		
	Ensure that when the called user activates barring of incoming calls when roaming outside the home PLMN country was already activated, barring of incoming calls when roaming outside the home PLMN country will be deactivated and barring of all incoming calls will be activated.		
	Call establishment is not possible T=NotifySS (SS-Code, SS-Status)) in	The calling user receives a FACILITY IE (Invoke a clearing message.	
PLMN parameter values orign.:	GSM-BC=speech		
PLMN parameter			
values term.:			
Comments:			

1411601	PLMN ref. to: ETS 300 518 [30]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG_CFU/TC1411601	
PLMN selection criteria orign.:	User A belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG.	
PLMN selection criteria term.:	User B and C belongs to the same CUG. User B has the following CUG supplementary options: not OA; not ocb; not Pref. CUG User B is provided with CFU and has an active call forwarding to C. User C has the following CUG supplementary options: not IA, not ICB	
Test purpose:	Ensure that a call establishment is successful.	
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:	GSM-BC=speech	
Comments:		

1411602	PLMN ref. to: ETS 300 518 [30]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG_CFU/TC1411602	
PLMN selection criteria orign.:	User A belongs to a CUG with the not OA; not ocb; not Pref. CUG.	he following CUG supplementary options:
PLMN selection criteria term.:	User B belongs to the same CU not OA ; not ocb ; not Pref. CU 0 User B is provided with CFU and h User C is not member of CUG.	
Test purpose:		t is not successful. The network initiate call h cause value #87 "user not member of CUG".
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:		
Comments:		

1411603	PLMN ref. to: ETS 300 518 [30]	
TSS reference:		ervices/Speech/CUG_CFU/TC1411603
PLMN selection criteria orign.:	User A belongs to a CUG with the not OA; not ocb; not Pref. CUG.	ne following CUG supplementary options:
PLMN selection criteria term.:	User B belongs to the same CU OA; not ocb; not Pref. CUG User B is provided with CFU and I User C is not member of CUG.	G with the following CUG supplementary options: as an active call forwarding to C.
Test purpose:		t is not successful. The network initiate call h cause value #87 "user not member of CUG".
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:		
Comments:		

1411604	PLMN ref. to:	
	ETS 300 518 [30]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG_CFU/TC1411604	
PLMN selection	User A belongs to a CUG with the	ne following CUG supplementary options:
criteria orign.:	OA; not ocb; not Pref. CUG.	
PLMN selection	User B belongs to the same CU	G.
criteria term.:	User B has the following CUG supplementary options: not OA ; not ocb ; not Pref. CUG .	
	User B is provided with CFU and h	nas active call forwarding to C.
	User C is not member of CUG.	
Test purpose:		t is not successful. The network initiate call h cause value #87 "user not member of CUG".
PLMN parameter values orign.:	GSM-BC=speech	
PLMN parameter values term.:		
Comments:		

1411605	PLMN ref. to:	
1411003		
	ETS 300 518 [30]	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CUG_CFU/TC1411605	
PLMN selection	User A belongs to a CUG with the following CUG supplementary options:	
criteria orign.:	OA; not ocb; not Pref. CUG.	
PLMN selection	User B and C belong to the same CUG.	
criteria term.:	User B has the following CUG sup CUG.	oplementary options: not OA; not ocb; not Pref.
	User B is provided with CFU and h	as active call forwarding to C.
Test purpose:	Ensure that a call establishment provided to C.	is successful but the OA indicator in not
PLMN parameter	GSM-BC=speech	
values orign.:	,	
PLMN parameter	GSM-BC=speech	
values term.:		
Comments:		

1411701	PLMN ref. to:	
1411701	ETS 300 566 [37], subclause 2	
	ETS 300 543 [31], subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFB_CW/TC1411701	
PLMN selection	The user A and the user C are in network N1.	
criteria orign.:		
PLMN selection	The user B is in network N2 and is provided with CFB ("calling user is notified of	
criteria term.:	call diversion" = Yes ;) and CW.	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFB,SS-Notification]) of call diversion.	
PLMN parameter values orign.:	A: ! GSM-BC=speech	
PLMN parameter	B: CFB-UDUB, CW active	
values term.:	C: ? GSM-BC=speech	
Comments:		

1411702	DI MAI ref. to.	
1411702	PLMN ref. to:	
	ETS 300 566 [37], subclause 2	
	ETS 300 543 [31], subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/Speech/CFB_CW/TC1411702	
PLMN selection	The user A and the user C are in network N1.	
criteria orign.:		
PLMN selection criteria term.:	The user B is in network N2 and is provided with CFB ("calling user is notified of call diversion" = No) and CW.	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.	
	User A and B are not notified of call diversion.	
	User C is notified with a FACILITY IE (Invoke =NotifySS [CFB,SS-Notification]) of	
	call diversion.	
PLMN parameter	A: ! GSM-BC=speech	
values orign.:		
PLMN parameter	B: CFB-UDUB, CW active	
values term.:		
	C: ? GSM-BC=speech	
Comments:		

6.2.14.2 Bearer capability "UDI"

Supplementary Services
UDI

1420101	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2, ETS 300 542 [57], subclause 1
	ETS 300 565 [36], subclause 1
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CLIP/TC1420101
PLMN selection	CLIP
criteria orign.:	
PLMN selection	The called user is provided with CLIP
criteria term.:	
Test purpose:	Ensure that when the Calling party subaddress is provided by the calling user, the Calling party number and Calling party subaddress information elements are correctly delivered to the called (served) user.
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption, Calling party subaddress

values orign.:	GSM-BC= UDI with V.110/X.30 rate adaption Calling party number: PI=PA TON= national/international number SI=NP, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])
Comments:	

1420102	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 9.3.23.2	
	ETS 300 542 [57] ,	
	subclause 1	
	ETS 300 565 [36], subclause 1	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CLIP/TC1420102	
PLMN selection	CLIP	
criteria orign.:		
PLMN selection	The called user is provided with CLIP	
criteria term.:		
Test purpose:	Ensure that when No Calling party subaddress is provided by the calling user, the Calling party number information element is network provided and correctly delivered to the called (served) user.	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	GSM-BC= UDI with V.110/X.30 rate adaption,	
values term	Calling party number: PI=PA SI=NP TON= national/international number,	
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])	
Comments:		

1420201	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.2 ETS 300 542 [57], subclause 2,	
T00 (ETS 300 565 [36], subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CLIR/TC1420201	
PLMN selection criteria orign.:	CLIR	
PLMN selection	The called user is provided with CLIP	
criteria term.:		
Test purpose:	The calling user is provided with CLIR permanent mode subscription.	
	Ensure that when the Calling party subaddress is provided by the calling user the Calling party number information element is delivered to the called user without any digit information. The Calling party subaddress shall not be present	
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, Calling party subaddress	
PLMN parameter	GSM-BC= UDI with V.110/X.30 rate adaption,	
values term.:	Calling party number: PI=PR TON = NP I= unknown SI=NP	
Comments:		

1420202	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 9.3.23.2	
	ETS 300 542 [57] , subclause 2	
	ETS 300 565 [36], subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CLIR/TC1420202	
PLMN selection	CLIR	
criteria orign.:		
PLMN selection	The called user is provided with CLIP	
criteria term.:		
Test purpose:	The calling user is provided with CLIR permanent mode subscription	
	Ensure that when No Calling party subaddress is provided by the calling user the Calling party number information element is delivered to the called user without any digit information.	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	Calling party number: PI=PR TON = NP I= unknown SI=NP	
Comments:		

1420301	PLMN ref. to: ETS 300 557 [35], subclause 9.3.5.2 ETS 300 542 [57], subclause 3		
	ETS 300 565 [36], subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/COLP/TC1420301		
PLMN selection	The calling user is provided with COLP		
criteria orign.:			
PLMN selection	COLP		
criteria term.:			
Test purpose:	Ensure that when the Connected subaddress number is provided by the called user, the Connected number and Connected subaddress information elements are correctly delivered to the calling (served) user.		
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption, Connected number PI=PA, SI=NP, TON= national/international number,		
	NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
	Connected subaddress		
PLMN parameter values term.:	Connected subaddress		
Comments:			

1420302	PLMN ref. to: ETS 300 557 [35], subclause 9.3.5.2 ETS 300 542 [57], subclause 3 ETS 300 565 [36], subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/COLP/TC1420302		
PLMN selection criteria orign.:	The calling user is provided with COLP		
PLMN selection criteria term.:	COLP		
Test purpose:	Ensure that when No Connected subaddress is provided by the called user, the Connected number information element is network provided and correctly delivered to the calling (served) user.		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, Connected number: SI=NP TON= national/international number, NPI= ISDN/Telephony numbering plan (ITU-T Rec. E.164 [25])		
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption		
Comments:			

1420401	PLMN ref. to: ETS 300 557 [35], subclause 9.3.5.2 ETS 300 542 [57], subclause 3 ETS 300 565 [36], subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/COLR/TC1420401		
PLMN selection criteria orign.:	The calling user is provided with COLP		
PLMN selection criteria term.:	COLR		
Test purpose:	The called (served) user is provided with COLR permanent mode subscription. Ensure that when No Connected subaddress is provided by the called user, the Connected number information element is network provided and delivered to the calling user without any digit information.		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, Connected number: PI=PR, SI=NP, TON=unknown, NPI=unknown;		
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption		
Comments:			

1420501	PLMN ref. to:		
1420301			
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420501		
PLMN selection	CUG supplementary options: no	ot OA; not ocb; not Pref. CUG	
criteria orign.:			
PLMN selection	Calling user and called user belong to the same CUG;		
criteria term.:	CUG supplementary options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter	GSM-BC= UDI with V.110/X.30	rate adaption:	
values orign.:			
values origin.	ForwardCUG-Info: CUG I	ndex (CI);	
	Sup	opress Pref. CUG (SPC);	
		Suppress OA (SOA)	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

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1420502	PLMN ref. to:			
	ETS 300 546 [33]			
	ETS 300 569 [39]			
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC810502			
PLMN selection	CUG supplementary options: not OA; not ocb; not Pref. CUG			
criteria orign.:				
PLMN selection	Calling user and called are subscribed to the same HPLMN;			
criteria term.:	the called user is roaming in a VPLMN (Visited PLMN);			
	Calling user and called user belong to the same CUG;			
	CUG supplementary options: IA; not ICB			
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains an CUG			
	index associated with the invoked (
PLMN parameter	GSM-BC=UDI with V.110/X.30 i	rate adaption;		
values orign.:	ForwardCUG-Info: CUG I	index (CI);		
	Suppre	ess Pref. CUG (SPC);		
		Suppress OA (SOA)		
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 Index))	rate adaption; Facility (Invoke =NotifySS (CUG-		
Comments:				

4.400=00			
1420503	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC810503		
PLMN selection	CUG supplementary options: not OA; not ocb; not Pref. CUG,		
criteria orign.:	the calling user is roaming in a VPLMN (Visited PLMN)		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
criteria term	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;		
	Calling user and called user belong to the same CUG;		
	CUG supplementary options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
DI MAN	OOM DO LIDI. 'IL WAARWOO SAA SAA SAA'S SA		
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI);		
	Suppress Pref. CUG (SPC);		
	Suppress OA (SOA)		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-		
values term.:	Index))		
Comments:			

Comments:			
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))		
	Suppress OA	(SOA);	
	Suppress Pref. CUG (SPC);		
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 I	ate adaption;	ForwardCUG-
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
	allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)		
Test purpose:		user belongs to a CUG with o	outgoing access
PLMN selection criteria term.:	The called user belongs to the supplementary options: IA ; not		JUG
criteria orign.:	options: OA; not ocb; not Pref.		0110
PLMN selection	The calling user belongs to a Cl		pplementary
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/UDI/CUG/TC1420504	
	ETS 300 569 [39]		
1420504	PLMN ref. to: ETS 300 546 [33]		

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1420505	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420505		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
	the called user is roaming in a VPLMN (Visited PLMN);		
	The called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values orign.:	ForwardCUG-Info: CUG Index (CI);		
	Suppress Pref. CUG (SPC);		
	Suppress OA (SOA);		
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

1420506	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420506	
PLMN selection criteria orign.:	The calling user belongs to a CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG , the calling user is roaming in a VPLMN (Visited PLMN)	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN; the called user is roaming in the same VPLMN (Visited PLMN) of the calling user; the called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA) The called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC); Suppress OA (SOA);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))	
Comments:		

1420507	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC810503		
D. 141	The colling and above to a OHO 191 the Cills 1 or OHO and according		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG		
PLMN selection	The called user belongs to the same CUG with the following CUG supplementary		
criteria term.:	options: IA; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and		
	the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message with a Facility IE which contains an CUG		
	index associated with the invoked CUG.		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values orign.:	ForwardCUG-Info: CUG Index (CI);		
	Suppress Pref. CUG (SPC);		
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

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1420508	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC810508		
PLMN selection	The calling user belongs to a Cl	JG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG		
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;		
criteria term.:	the called user is roaming in a VPLMN (Visited PLMN);		
	The called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message with a Facility IE which contains an CUG		
	index associated with the invoked CUG.		
PLMN parameter	_MN parameter GSM-BC=UDI with V.110/X.30 rate adaption;		
values orign.:	ForwardCUG-Info: CUG Index (CI);		
		Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))		
Comments:			

1420509	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC810509	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
Criteria teriii	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user, the	
	called user belongs to the same CUG with the following CUG supplementary options:	
	IA; not ICB	
	,	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC),	
	the called user receives a SETUP message with a Facility IE which contains an CUG index associated with the invoked CUG.	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))	
Comments:		

1420510	PLMN ref. to:	
	ETS 300 546 [33] ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420510	
PLMN selection criteria orign.:	The calling user belongs to the same CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG	
PLMN selection criteria term.:	The called user belongs to CUG with the following CUG supplementary options: IA; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains an CUG index associated with the invoked CUG (normal call).	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420511	PLMN ref. to: ETS 300 546 [33]		
T00 (ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/UDI/CUG/TC1420511	
PLMN selection criteria orign.:	The calling user belongs to the same CUG with the following CUG supplementary options: OA ; not ocb ; not Pref. CUG		
PLMN selection	Calling user and called are subscribed to the same HPLMN;		
criteria term.:	the called user is roaming in a VPLMN (Visited PLMN);		
	The called user belongs to CUG will ICB	th the following CUG supplementary options: IA;	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains an CUG index associated with the invoked CUG (normal call).		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values orign.:	ForwardC	UG-Info: CUG Index (CI);	
		Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption;		
Comments:			

4.400540	DIAM and the	
1420512	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420512	
PLMN selection	The calling user belongs to the same CUG with the following CUG	
criteria orign.:	supplementary options: OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user; The called user belongs to CUG with the following CUG supplementary options: IA ; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE which contains an CUG index associated with the invoked CUG.	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI); Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption;	
Comments:		

	-	
1420513	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420513	
PLMN selection	The calling user belongs to a Cl	JG with the following CUG supplementary
criteria orign.:	options: OA; not ocb; not Pref.	CUG
PLMN selection criteria term.:	The called user belongs to the same CUG with the following CUG supplementary options: IA; not ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG (SPC), the called user receives a SETUP message without a Facility IE.	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info:	Suppress Pref. CUG (SPC);
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values term.:	'	
Comments:		

4.40054.4			
1420514	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420514		
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary		
criteria orign.:	options: OA; not ocb; not Pref. CUG		
PLMN selection	Calling user and called are subscribed to the same HPLMN;		
criteria term.:	the called user is roaming in a VPLMN (Visited PLMN);		
	The called user belongs to the same CUG with the following CUG supplementary options: IA ; not ICB		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with, Suppress Pref. CUG (SPC),		
	the called user receives a SETUP message without a Facility IE.		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values orign.:	ForwardCUG-Info: Suppress Pref. CUG (SPC);		
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values term.:	' '		
Comments:			

4.400=4=		
	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/UDI/CUG/TC1420515
PLMN selection	The calling user belongs to a Cl	JG with the following CUG supplementary
	options: OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPI	LMN (Visited PLMN).
PLMN selection criteria term.:	Calling user and called are subs	cribed to the same HPLMN;
	the called user is roaming in the sar	ne VPLMN (Visited PLMN) of the calling user;
	The called user belongs to the same options: IA ; not ICB	e CUG with the following CUG supplementary
	allowed, not outgoing calls barred the called user belongs to the sincoming calls barred within the the Facility IE which shall contain (SPC),	er belongs to a CUG with outgoing access is ed within the CUG and not preferential CUG and ame CUG with incoming access allowed and not CUG, after the receipt of a SETUP message with a ForwardCUG-Info with, Suppress Pref. CUG
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info: Sup	opress Pref. CUG (SPC);
PLMN parameter	GSM-BC=UDI with V.110/X.30 r	ate adaption
values term.:		
Comments:		

1420516	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420516	
	TI III	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG	
PLMN selection	The called user is not a CUG subscriber	
criteria term.:		
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), the called user receives a SETUP message.	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420517	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_se	rvices/UDI/CUG/TC1420517
PLMN selection	The calling user belongs to a CU	G with the following CUG supplementary
criteria orign.:	options: OA; not ocb; not Pref.	CUG,
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection	Calling user and called are subso	cribed to the same HPLMN;
criteria term.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;	
	The called user is not a CUG subscriber	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC),	
	the called user receives a SETUR	D.
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info: CUG In	dex (CI);
	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 ra	ate adaption
Comments:		

PLMN parameter values term.: Comments:		
PLMN parameter values orign.:	GSM-BC= UDI with V.110/X.30 rate adaption	
Test purpose:	Ensure that when the calling user has not subscribed to the CUG and the called user belongs to a CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message without Facility IE containing a ForwardCUG-Info the network initiate call clearing to the calling user with cause value # 29"facility rejected ".	
PLMN selection criteria term.:	The called user belongs to CUG with the following CUG supplementary options: not IA; not ICB	
PLMN selection criteria orign.:	The calling user is not member of CUG	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420518	
1420518	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]	

1420519	PLMN ref. to:	
1420519		
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/UDI/CUG/TC1420519
PLMN selection	The calling user is not member	of CUG,
criteria orign.:	the calling user is roaming in a VP	LMN (Visited PLMN).
PLMN selection	Calling user and called are subs	scribed to the same HPLMN;
criteria term.:	the called user is roaming in the sar	me VPLMN (Visited PLMN) of the calling user;
	The called user belongs to CUG winot ICB	th the following CUG supplementary options: not IA;
Test purpose:	user belongs to a CUG with inco- barred within the CUG, after the	ser has not subscribed to the CUG and the called oming access not allowed and not incoming calls receipt of a SETUP message without Facility IE he network initiate call clearing to the calling user ejected ".
PLMN parameter values orign.:	GSM-BC= UDI with V.110/X.30	rate adaption
PLMN parameter values term.:		
Comments:		

1420520	PLMN ref. to:		
	ETS 300 546 [33]		
	ETS 300 569 [39]		
TSS reference:	PLMN-PLMN/Supplementary_se	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420520	
PLMN selection	The calling user belongs to a CL	JG with the following CUG supplementary	
criteria orign.:	options: not OA; not ocb; not	Pref. CUG	
PLMN selection	The called user is not member of	f CUG	
criteria term.:			
Test purpose:	not allowed, not outgoing calls b and the called user belongs not	user belongs to a CUG with outgoing access is arred within the CUG and not preferential CUG to a CUG, after the receipt of a SETUP ch shall contain a ForwardCUG-Info with	
	CUG Index (CI), Suppress Pref. CU	JG (SPC), Suppress OA (SOA)	
	Call establishment is not possibluser with cause value # 29 " facility	le and the network initiate call clearing to the calling rejected ".	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;		
values orign.:	ForwardCUG-Info: CUG In	ndex (CI);	
	Suppre	ss Pref. CUG (SPC);	
		Suppress OA (SOA);	
PLMN parameter			
values term.:			
Comments:			

1420521	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420521	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: not OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user; The called user is not member of CUG	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs not to a CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with	
	CUG Index (CI), Suppress Pref. CUG (SPC), Suppress OA (SOA)	
	call establishment is not possible and the network initiate call clearing to the calling user with cause value # 87 "user not a member of CUG".	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
	Suppress OA (SOA);	
PLMN parameter		
values term.:		
Comments:		

1420522	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/UDI/CUG/TC1420522
PLMN selection	The calling user belongs to a Cl	JG with the following CUG supplementary
criteria orign.:	options: OA; not ocb; not Pref. CUG	
PLMN selection	The called user belongs to the s	ame CUG with the following CUG
criteria term.:	supplementary options: not IA; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC),	
	call establishment is not possibl user with cause value # 55 "incomi	e and the network initiate call clearing to the calling ng calls barred within CUG".
PLMN parameter		
values orign.:	ForwardCUG	-Info: CUG Index (CI);
		Suppress Pref. CUG (SPC);
PLMN parameter		
values term.:		
Comments:		

4.400500	DI MAN TO C. C.	
1420523	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420523	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
criteria termi.	the called user is roaming in a VPLMN (Visited PLMN);	
	The called user belongs to the same CUG with the following CUG supplementary options: not IA; ICB	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC), call establishment is not possible and the network initiate call clearing to the calling user with cause value # 55 "incoming calls barred within CUG".	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:		
	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:		
Comments:		

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1420524	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420524	
PLMN selection	The calling user belongs to a CUG with the following CUG supplementary	
criteria orign.:	options: OA; not ocb; not Pref. CUG,	
	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in the same VPLMN (Visited PLMN) of the calling user;	
	The called user belongs to the same CUG with the following CUG supplementary options: not IA ; ICB ;	
Test purpose:	Ensure that when the calling user belongs to a CUG with outgoing access is allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access is not allowed and incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), Suppress Pref. CUG (SPC),	
	call establishment is not possible and the network initiate call clearing to the calling user with cause value # 55 "incoming calls barred within CUG".	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info: CUG Index (CI);	
	Suppress Pref. CUG (SPC);	
PLMN parameter values term.:		
Comments:		

1420525	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_se	ervices/UDI/CUG/TC1420525
PLMN selection	CUG supplementary options: no	ot OA; not OCB; not Pref. CUG
criteria orign.:		
PLMN selection	Calling user and called user belo	ong to the same CUG;
criteria term.:	CUG supplementary options: not IA ; not ICB .	
Test purpose:	allowed, not outgoing calls barred the called user belongs to the s not incoming calls barred within with the Facility IE which shall co	ter belongs to a CUG with outgoing access not ed within the CUG and not preferential CUG and ame CUG with incoming access not allowed and the CUG, after the receipt of a SETUP message ontain a ForwardCUG-Info with CUG Index (CI), P message with a Facility IE which contains a CUG CUG.
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption;	
values orign.:	ForwardCUG-Info:	CUG Index (CI).
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-	
values term.:	Index))	
Comments:		

Comments:		
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-Index))	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption; ForwardCUG-Info: CUG Index (CI).	
rest pui pose.	Ensure that when the calling user belongs to a CUG with outgoing access not allowed, not outgoing calls barred within the CUG and not preferential CUG and the called user belongs to the same CUG with incoming access not allowed and not incoming calls barred within the CUG, after the receipt of a SETUP message with the Facility IE which shall contain a ForwardCUG-Info with CUG Index (CI), the called user receives a SETUP message with a Facility IE which contains a CUG index associated with the invoked CUG.	
Test purpose:	calling user and called user belong to the same CUG; CUG supplementary options: not IA ; not ICB .	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN; the called user is roaming in a VPLMN (Visited PLMN);	
PLMN selection criteria orign.:	CUG supplementary options: not OA; not OCB; not Pref. CUG	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420526	
1420526	PLMN ref. to: ETS 300 546 [33] ETS 300 569 [39]	

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1420527	PLMN ref. to:	
	ETS 300 546 [33]	
	ETS 300 569 [39]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG/TC1420527	
PLMN selection	CUG supplementary options: not OA; not OCB; not Pref. CUG	
criteria orign.:	the calling user is roaming in a VPLMN (Visited PLMN).	
PLMN selection criteria term.:	Calling user and called are subscribed to the same HPLMN;	
criteria term.:	the called user is roaming in the san	me VPLMN (Visited PLMN) of the calling user;
	calling user and called user belong	to the same CUG;
	CUG supplementary options: not I	A; not ICB.
Test purpose:	allowed, not outgoing calls barre the called user belongs to the s not incoming calls barred within	per belongs to a CUG with outgoing access not ed within the CUG and not preferential CUG and ame CUG with incoming access not allowed and the CUG, after the receipt of a SETUP message ontain a ForwardCUG-Info with CUG Index (CI),
	the called user receives a SETU index associated with the invoked (P message with a Facility IE which contains a CUG CUG.
PLMN parameter	GSM-BC=UDI with V.110/X.30 r	ate adaption;
values orign.:	ForwardCUG-Info:	CUG Index (CI).
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption; Facility (Invoke =NotifySS (CUG-	
values term.:	Index))	
Comments:		

1420601	PLMN ref. to:	
	ETS 300 557 [35],	
	subclause 9.3.23.1.5	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/SUB/TC1420601	
PLMN selection	SUB	
criteria orign.:		
PLMN selection	SUB	
criteria term.:		
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user, the Called party subaddress is correctly delivered to the called (served) user	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption, Called party subaddress	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption, Called party subaddress	
values term.:		
Comments:		

1420602	PLMN ref. to: ETS 300 557 [35], subclause 9.3.23.1.5	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/SUB/TC1420602	
133 reference.	1 Livity-1 Livity-ouppiernemary_services/obl/30b/101420002	
PLMN selection	SUB	
criteria orign.:		
PLMN selection	SUB	
criteria term.:		
Test purpose:	Ensure that when the Called party subaddress is provided by the calling user with length = minimum, the Called party subaddress is correctly delivered to the called (served) user without any digit information	
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption, Called party subaddress	
PLMN parameter values orign.:	GSM-BC=UDI, with V.110/X.30 rate adaption, Called party subaddress	
Comments:		

1420701 TSS reference:	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1 PLMN-PLMN/Supplementary_services/UDI/CFU/TC1420701	
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,	
criteria orign.:	user C is provided with CLIP.	
PLMN selection criteria term.:	The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = Yes).	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.	
PLMN parameter values orign.:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	CFU active C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420702 TSS reference:	PLMN ref. to: ETS 300 566 [37], subclause 1 ETS 300 543 [31], subclause 1 PLMN-PLMN/Supplementary_services/UDI/CFU/TC1420702	
PLMN selection criteria orign.:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria term.:	The user B is in network N2 provided with CFU ("calling user is notified of call diversion" = No) and CLIR.	
Test purpose:	Ensure that when user A calls user B, the call is forwarded to user C. User A and B are not notified of call diversion. User C is notified with a FACILITY IE (Invoke = NotifySS [CFU,SS-Notification]) of call diversion.	
PLMN parameter values orign.:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption;	
PLMN parameter values term.:	CFU active C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420801	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31],	
	subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFB/TC1420801	
PLMN selection criteria orign.:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria term.:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = Yes ;).	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.	
PLMN parameter values orign.:	A: ! BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	CFB-UDUB active C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420802	PLMN ref. to: ETS 300 566 [37], subclause 2 ETS 300 543 [31], subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFB/TC1420802	
PLMN selection criteria orign.:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria term.:	The user B is in network N2 and is provided with CFB- UDUB ("calling user is notified of call diversion" = No) and CLIR .	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A and B are not notified of call diversion. User C is notified with a FACILITY IE (Invoke = NotifySS [CFU,SS-Notification]) of call diversion.	
PLMN parameter values orign.:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	CFB-UDUB active C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420803	PLMN ref. to:		
	ETS 300 566 [37],		
	subclause 2		
	ETS 300 543 [31],		
	subclause 2		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFB/TC1420803		
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,		
criteria orign.:	user C is provided with CLIP.		
PLMN selection	The user B is in network N2 and is provided with CFB-NDUB ("calling user is		
criteria term.:	notified of call diversion" = Yes ; "notification to forwarding subscriber" = Yes).		
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C.		
	User A is notified with a FACILITY (Invoke =NotifySS [CFB, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.		
	User B is notified with a FACILITY (Invoke = NotifySS [CFB, SS-Notification]) message of call diversion.		
PLMN parameter values orign.:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption		
PLMN parameter	CFB-NDUB active		
values term.:	G. 2 CSM P.C. UDI mith V 110/V 20 mts adaption		
	C: ? GSM-BC=UDI with V.110/X.30 rate adaption		
Comments:			

1420804	PLMN ref. to:	
	ETS 300 566 [37],	
	subclause 2	
	ETS 300 543 [31],	
	subclause 2	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFB/TC1420804	
133 reference.	F Livity-F Livity/Supplementally_services/ODI/OLB/101420004	
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,	
criteria orign.:	user C is provided with CLIP.	
PLMN selection	The user B is in network N2 and is provided with CFB-NDUB ("calling user is	
criteria term.:	notified of call diversion" = No ; "notification to forwarding subscriber" = No) and	
	CLIR.	
Test purpose:	Ensure that when user A calls busy user B, the call is forwarded to user C. User A and B are not notified of call diversion.	
	User C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of	
	call diversion.	
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption	
values orign.:		
PLMN parameter	CFB-NDUB active	
values term.:	- · · - · · - · · · · · · · · · · · ·	
	C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

1420901	PLMN ref. to:	
	ETS 300 566 [37],	
	subclause 3	
	ETS 300 543 [31],	
	subclause 3	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFNRy/TC1420901	
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,	
criteria orign.:	user C is provided with CLIP.	
PLMN selection	The user B is in network N2 and is provided with CFNRy ("calling user is notified	
criteria term.:	of call diversion" = Yes , "notification to forwarding subscriber" = Yes).	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFNRy, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFNRy, SS-Notification]) of call diversion. User B is notified with a NOTIFY (Invoke = NotifySS [CFNRy, SS-Notification]) message of call diversion.	
PLMN parameter values orign.:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption	
PLMN parameter	CFNRy active	
values term.:	C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

4.400000			
1420902	PLMN ref. to:		
	ETS 300 566 [37],		
	subclause 3		
	ETS 300 543 [31],		
	subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_ser	vices/LIDI/CENDy/TC1/20002	
1 33 reference.	Livily-1 Livily-oupplementary_ser	VICES/ODI/CI 141Xy/101420302	
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,		
criteria orign.:	user C is provided with CLIP.		
	'		
PLMN selection	The user B is in network N2 and is provided with CFNRy ("calling user is notified		
criteria term.:	of call diversion" = No "notification to forwarding subscriber" = No) and CLIR .		
		,	
Test purpose:	Ensure that when user A calls user B, if unanswered, the call is forwarded to user		
	C.	,	
	User A and B are not notified of o	call diversion.	
	User C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of		
	call diversion.		
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.3	0 rate adaption	
values orign.:		•	
3			
PLMN parameter	CFNRy active		
values term.:			
	C: ? GSM-BC=UDI with V.110/X.36	0 rate adaption	
		-	
Comments:			

1421001	PLMN ref. to: ETS 300 566 [37], subclause 3 ETS 300 543 [31], subclause 3	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFNRc/TC1421001	
PLMN selection criteria orign.:	The user A and the user C are in network N1. User A is provided with COLP, user C is provided with CLIP.	
PLMN selection criteria term.:	The user B is in network N2 and is provided with CFNRc ("calling user is notified of call diversion" = Yes).	
Test purpose:	Ensure that when user A calls user B, if detached, the call is forwarded to user C. User A is notified with a FACILITY (Invoke =NotifySS [CFNRy, SS-Notification]) message, user C is notified with a FACILITY IE (Invoke =NotifySS [CFNRy, SS-Notification]) of call diversion.	
PLMN parameter values orign.:	A: ! GSM-BC=UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	CFNRc active, the user is detached C: ? GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

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1421002	PLMN ref. to:		
	ETS 300 566 [37],		
	subclause 3		
	ETS 300 543 [31],		
	subclause 3		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CFNRc/TC1421002		
PLMN selection	The user A and the user C are in network N1. User A is provided with COLP,		
criteria orign.:	user C is provided with CLIP.		
PLMN selection	The user B is in network N2 and is provided with CFNRc ("calling user is notified		
criteria term.:	of call diversion" = No) and CLIR.		
Test purpose:	Ensure that when user A calls user B, if detached the call is forwarded to user C.		
	User A and B are not notified of call diversion.		
	User C is notified with a FACILITY IE (Invoke =NotifySS [CFU,SS-Notification]) of call diversion.		
PLMN parameter	A: ! GSM-BC=UDI with V.110/X.30 rate adaption		
values orign.:			
PLMN parameter	CFNRc active, the user is detached		
values term.:	, in the second of the second		
	C: ? GSM-BC=UDI with V.110/X.30 rate adaption		
Comments:			
	-		

1421101	PLMN ref. to: ETS 300 557 [35],		
	subclause 10.5.4.25,		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/UUS1/TC1421101		
PLMN selection	UUS1i		
criteria orign.:			
PLMN selection	UUS1i		
criteria term.:			
Test purpose:	Ensure that the network can transport a User-user information element included in the SETUP message sent from the calling user and delivered in the SETUP message sent by the network to the called user.		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32		
PLMN parameter	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32		
values term.:			
Comments:			

1421102	PLMN ref. to: ETS 300 557 [35],		
	subclause 10.5.4.25		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/UUS1/TC1421102		
PLMN selection	The calling (served) user is provided with UUS1 implicit request		
criteria orign.:			
PLMN selection	UUS1i		
criteria term.:			
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in the CONNECT message sent from the called user to the calling user.		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32		
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32		
Comments:			

1421103	PLMN ref. to: ETS 300 557 [35],	
	subclause 10.5.4.25,	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/UUS1/TC1421103	
PLMN selection	The calling (served) user is provided with UUS1 implicit request	
criteria orign.:		
PLMN selection	UUS1i	
criteria term.:		
Test purpose:	Ensure that after implicit activation of UUS1 and with the call in the active state, the network can transport a User-user information element included in a call clearing DISCONNECT message sent from the calling user and delivered in the DISCONNECT message sent by the network to the called user.	
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32	
Comments:		

1421104	PLMN ref. to:		
	ETS 300 557 [35],		
	subclause 10.5.4.25,		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/UUS1/TC1421104		
PLMN selection	UUS1i		
criteria orign.:			
PLMN selection	UUS1i		
criteria term.:			
Test purpose:	Ensure that after implicit activation of UUS1, the network can transport a User- user information element included in premature clearing RELEASE COMPLETE message sent from the called user and delivered in the DISCONNECT message sent by the network to the calling user.		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32		
PLMN parameter	GSM-BC = UDI with V.110/X.30 rate adaption, UI length=32		
values term.:			
Comments:			

1421105	PLMN ref. to:	
	ETS 300 557 [35]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/UUS1/TC1421105	
PLMN selection	UUS1i	
criteria orign.:		
PLMN selection	UUS1i	
criteria term.:		
Test purpose:	Verify that UUI can be discarded by the network without disrupting normal call handling.	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 rate adaption, UI length=32	
PLMN parameter	GSM-BC=UDI with V.110/X.30 rate adaption	
values term.:		
Comments:		

1421201	PLMN ref. to: ETS 300 548 [34]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/Call barring service/TC1421201	
PLMN selection criteria orign.:	The calling user activates Barring of Outgoing international Calls except those to the home PLMN country (BOIC-exHC). The user is roaming outside the home PLMN country. Barring of Outgoing international Calls except those to the home PLMN country is supported by the PLMN in which the served mobile subscriber currently roams.	
PLMN selection criteria term.:		
Test purpose:	Ensure that when the calling user activates Barring of Outgoing International Calls except those to the home PLMN country (BOIC-exHC) and the user is roaming outside the home PLMN country, call establishment to the home PLMN country is successful.	
PLMN parameter values orign.:	GSM-BC=UDI with V.110/X.30 I	rate adaption
PLMN parameter values term.:	GSM-BC=UDI with V.110/X.30 rate adaption	
Comments:		

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1421202	PLMN ref. to:	
	ETS 300 548 [34]	
TSS reference:	PSTN-PLMN/Supplementary_services/UDI/Call barring service/TC1421202	
PLMN selection		
criteria orign.:		
PLMN selection	The PLMN supports barring of all incoming calls (BAIC).	
criteria term.:		
Test purpose:	Ensure that when the called user activates barring of all incoming calls, call establishment is not possible. The calling user receives a FACILITY IE (Invoke =NotifySS (SS-Code, SS-Status)) in a clearing message.	
PLMN parameter	GSM-BC=UDI, with V.110/X.30 rate adaption	
values orign.:		
PLMN parameter		
values term.:		
Comments:		

1421203	PLMN ref. to: ETS 300 548 [34]		
TSS reference:		PLMN-PLMN/Supplementary_services/UDI/Call barring service/TC1421203	
PLMN selection criteria orign.:			
PLMN selection criteria term.:	The Network B supports barring of all incoming calls (BAIC) and barring of incoming calls when roaming outside the home PLMN country (BIC-Roam). The MS is roaming outside the home PLMN country.		
Test purpose:	Ensure that when the called user activates barring of incoming calls when roaming outside the home PLMN country was already activated, barring of incoming calls when roaming outside the home PLMN country will be deactivated and barring of all incoming calls will be activated. Call establishment is not possible. The calling user receives a FACILITY IE (Invoke = NotifySS (SS-Code, SS-Status)) in a clearing message.		
PLMN parameter values orign.:	GSM-BC=UDI, with V.110/X.30 rate adaption		
PLMN parameter values term.:			
Comments:	EDITORS NOTE 3: The cause value with witch the call shall be rejected is not defined.		

1421301	PLMN ref. to: ETS 300 518 [30]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG_CFU/TC1421301	
PLMN selection criteria orign.:	User A belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG.	
PLMN selection criteria term.:	User B and C belongs to the same CUG. User B has the following CUG supplementary options: not OA; not ocb; not Pref. CUG User B is provided with CFU and has an active call forwarding to C. User C has the following CUG supplementary options: not IA, not ICB	
Test purpose:	Ensure that a call establishment is successful.	
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption	
Comments:		

1421303	PLMN ref. to: ETS 300 518 [30]	
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG_CFU/TC1421303	
PLMN selection criteria orign.:	User A belongs to a CUG with the following CUG supplementary options: not OA; not ocb; not Pref. CUG.	
PLMN selection criteria term.:	User B belongs to the same CU not OA ; not ocb ; not Pref. CU (User B is provided with CFU and but the CFU is not member of CUG.	
Test purpose:		t is not successful. The network initiate call h cause value #87 "user not member of CUG".
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption	
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30	rate adaption
Comments:		

1421304	PLMN ref. to:		
1 12 100 1	ETS 300 518 [30]		
T00 (• •		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG_CFU/TC1421304		
PLMN selection	User A belongs to a CUG with the following CUG supplementary options:		
criteria orign.:	not OA; not ocb; not Pref. CUG.		
PLMN selection criteria term.:	User B belongs to the same CUG with the following CUG supplementary options: OA; not ocb; not Pref. CUG		
	User B is provided with CFU and has an active call forwarding to C.		
	User C is not member of CUG.		
Test purpose:		t is not successful. The network initiate call h cause value #87 "user not member of CUG".	
PLMN parameter	GSM-BC = UDI with V.110/X.30 rate adaption		
values orign.:			
PLMN parameter	GSM-BC = UDI with V.110/X.30 rate adaption		
values term.:			
Comments:			

1421305	PLMN ref. to: ETS 300 518 [30]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG_CFU/TC1421305		
PLMN selection criteria orign.:	User A belongs to a CUG with the following CUG supplementary options: OA; not ocb; not Pref. CUG.		
PLMN selection criteria term.:	User B belongs to the same CUG. User B has the following CUG supplementary options: not OA; not ocb; not Pref. CUG. User B is provided with CFU and has active call forwarding to C. User C is not member of CUG.		
Test purpose:	Ensure that a call establishment is not successful. The network initiate call clearing to the calling user A with cause value #87 "user not member of CUG".		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption		
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption		
Comments:			

1421306	PLMN ref. to:		
	ETS 300 518 [30]		
TSS reference:	PLMN-PLMN/Supplementary_services/UDI/CUG_CFU/TC1421306		
PLMN selection	User A belongs to a CUG with the following CUG supplementary options:		
criteria orign.:	OA; not ocb; not Pref. CUG.		
PLMN selection	ne CUG.		
criteria term.:	User B has the following CUG supplementary options: not OA ; not ocb ; not Pref. CUG .		
	User B is provided with CFU and h	as active call forwarding to C.	
Test purpose:	Ensure that a call establishment is successful but the OA indicator in not provided to C.		
PLMN parameter values orign.:	GSM-BC = UDI with V.110/X.30 rate adaption		
PLMN parameter values term.:	GSM-BC = UDI with V.110/X.30 rate adaption		
Comments:			

6.2.15 Test purposes for PLMN-PLMN, B-channel end-to-end performance

B-channel end-to-end performance

1510101	PLMN ref. to: ETS 300 557 [35] ITU-T Rec. G. 101	
TSS reference:	PLMN-PLMN/ B-channel end-to-end performance /Speech/TC310101	
PLMN selection criteria:	Voice transmission	
Test purpose:	To ensure that speech transfer on the B-channel is performed correctly.	
PLMN parameter values:	GSM-BC=speech	
Comments:	The tests should be based on the E-Model described in the ITU-T Rec. G. 101, Appendix I.	

1510201	PLMN ref. to: ETS 300 557 [35] ITU-T Rec. G. 101	
TSS reference:	PLMN-PLMN/ B-channel end-to-end performance /3,1 kHz audio/TC310201	
PLMN selection criteria:	Data transmission	
Test purpose:	To verify compliance with the requirements for error and octet slip for the first or the last continuous 24 hour period.	
PLMN parameter values:	GSM-BC= 3,1 kHz audio ex PLMN	
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

1510301	PLMN ref. to:	
	ETS 300 557 [35]	
	ETS 300 578 [55]	
TSS reference:	PLMN-PLMN/ B-channel end-to-end performance /UDI/TC310301	
PLMN selection criteria:	Data transmission	
Test purpose:	To verify compliance with the requirements for error and octet slip for the first or the last continuous 24 hour period.	
PLMN parameter values:	BC = UDI, V.110/X.30 synchronous mode; PRBS=2 ¹¹ -1	
Comments:	The tests should be based on the requirements described in the ETS 300 578 [55]	

Bibliography

The following material, though not specifically referenced in the body of the present document (or not publicly available), gives supporting information.

ETS 300 083: "Integrated Services Digital Network (ISDN); Circuit mode structured bearer service category usable for speech information transfer; Terminal requirements for end-to-end compatibility".

ETS 300 084: "Integrated Services Digital Network (ISDN); Circuit mode structured bearer service category usable for 3,1 kHz audio information transfer; Terminal requirements necessary for end-to-end compatibility".

ETS 300 121: "Integrated Services Digital Network (ISDN); Application of the ISDN User Part (ISUP) of CCITT Signalling System No.7 for international ISDN interconnections (ISUP version 1)".

ETS 300 210-1: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

ETS 300 356-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; ISDN User Part (ISUP) version 2 for the international interface; Part 1: Basic services [ITU-T Recommendations Q.761 to Q.764 [43] (1993), modified]".

EN 300 359-1: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

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ETR 193: "Methods for Testing and Specification (MTS); Network Integration Testing (NIT); Methodology aspects; Test Co-ordination Procedure (TCP) style guide".

ITU-T-T Recommendation G.821: "Error performance of an international digital connection operating at a bit rate below the primary rate and forming part of an Integrated Services Digital Network" (White Book draft 1993).

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ISO/IEC 9646-3: "Information Technology-OSI Conformance Testing Methodology and Framework, Part 3: The Tree and Tabular Combined Notation".

ETR 100: "European digital cellular telecommunications system (Phase 2); Abbreviations and acronyms (GSM 01.04)".

ETS 300 500: "Digital cellular telecommunications system (Phase 2); Principles of telecommunication services supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.01)".

ETS 300 501: "European digital cellular telecommunications system (Phase 2); Bearer Services (BS) supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.02)".

ETS 300 503: "Digital cellular telecommunications system (Phase 2); General on supplementary services (GSM 02.04)".

ETS 300 514: "Digital cellular telecommunications system (Phase 2); Line identification supplementary services; Stage 1 (GSM 02.81 version 4.6.1)".

ETS 300 516: "Digital cellular telecommunications system (Phase 2); Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 1 (GSM 02.83)".

ETS 300 520: "Digital cellular telecommunications system (Phase 2); Call Barring (CB) supplementary services; Stage 1 (GSM 02.88)".

ETS 300 523: "European digital cellular telecommunications system (Phase 2); Numbering, addressing and identification (GSM 03.03)".

ETS 300 529: "Digital cellular telecommunications system (Phase 2); Technical realization of supplementary services (GSM 03.11)".

ETS 300 558: "Digital cellular telecommunications system (Phase 2); Mobile radio interface layer 3; Supplementary services specification; General aspects (GSM 04.10)".

ETS 300 564: "Digital cellular telecommunications system (Phase 2); Mobile radio interface layer 3; Supplementary services specification; Formats and coding (GSM 04.80)".

ETS 300 571: "Digital cellular telecommunications system (Phase 2); Call Barring (CB) supplementary services; Stage 3 (GSM 04.88)".

ETS 300 589: "European digital cellular telecommunications system (Phase 2); Signalling transport mechanism specification for the Base Station System - Mobile-services Switching Centre (BSS - MSC) interface (GSM 08.06)".

ETS 300 590: "Digital cellular telecommunications system (Phase 2); Mobile-services Switching Centre - Base Station System (MSC - BSS) interface; Layer 3 specification (GSM 08.08 version 4.12.1)".

ETR 109: "European digital cellular telecommunications system (Phase 2); General network interworking scenarios (GSM 09.01)".

ETS 300 600: "European digital cellular telecommunications system (Phase 2); Signalling requirements on interworking between the Integrated Services Digital Network (ISDN) or Public Switched Telephone Network (PSTN) and the Public Land Mobile Network (PLMN) (GSM 09.03)".

ETS 300 605: "Digital cellular telecommunications system (Phase 2); Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC) signalling procedures and the Mobile Application Part (MAP) (GSM 09.10 version 4.4.1)".

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ITU-T Recommendation Q.763 (1993): "Specifications of Signalling System No.7; Formats and codes".

History

Document history						
V1.1.1	November 1999	Membership Approval Procedure	MV 200002: 1999-11-16 to 2000-01-14			