Final draft ETSI EG 201 901-1 V1.1.1 (2001-03)

ETSI Guide

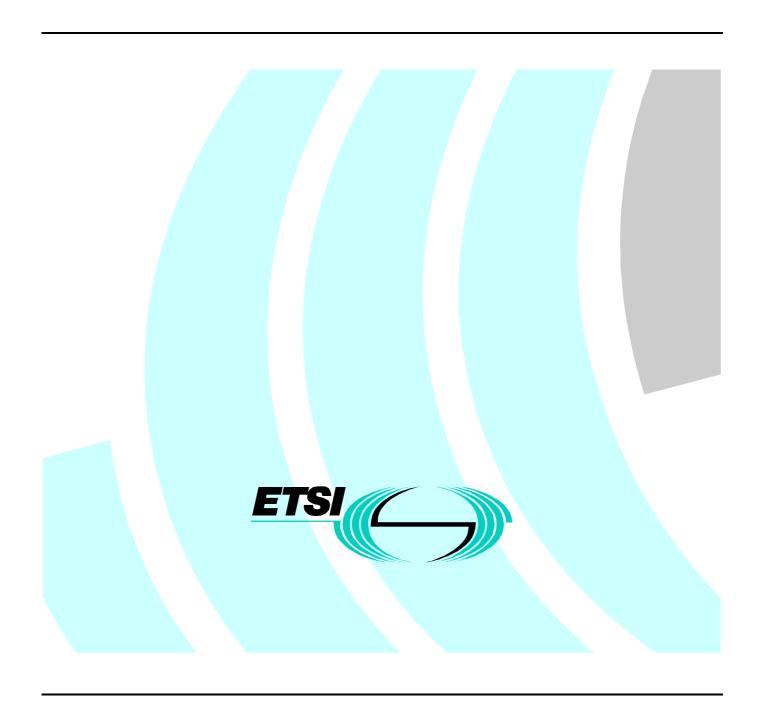
Broadband Integrated Services Digital Network (B-ISDN);

Network integration testing;

End-to-end testing;

Part 1: Test Suite Structure and

Test Purposes (TSS&TP) specification



Reference DEG/SPAN-130139-1 Keywords B-ISDN, testing, TSS&TP

ETSI

650 Route des Lucioles F-06921 Sophia Antipolis Cedex - 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

Important notice

Individual copies of the present document can be downloaded from: http://www.etsi.org

The present document may be made available in more than one electronic version or in print. In any case of existing or perceived difference in contents between such versions, the reference version is the Portable Document Format (PDF). In case of dispute, the reference shall be the printing on ETSI printers of the PDF version kept on a specific network drive within ETSI Secretariat.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at http://www.etsi.org/tb/status/

If you find errors in the present document, send your comment to: editor@etsi.fr

Copyright Notification

No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 2001.
All rights reserved.

Contents

Intell	ectual Property Rights	5
Forev	vord	5
Introd	luction	5
1	Scope	6
2	References	6
3	Definitions and abbreviations	
3.1	Definitions	
3.2	Abbreviations	9
4	Test Suite Structure (TSS)	
4.1	B-ISDN Basic Call	
4.2	B-ISDN interworking with N-ISDN for Basic Call	
4.3	B-ISDN interworking with N-ISDN for Supplementary Services	
4.4	B-ISDN Supplementary Services	14
5	B-ISDN End-to-End Test Purpose list	15
5.1	Introduction	
5.1.1	Test purpose naming convention	
5.1.2	Source of test purpose definition	
5.1.3	Test purpose structure	
5.2	Basic Call/Connection (BCA)	16
5.2.1	Capability Set 1(CS 1)	16
5.2.1.	Normal Connection (NCO)/Bearer services (BSE)	16
5.2.1.2	Normal Connection (NCO)/HLI/LLI-Transport (HLI)	25
5.2.1.3	Normal Connection (NCO)/LLI-Negotiation (LLI)	27
5.2.1.4	4 Unsuccessful Call Setup (UCS)/Bearer Services (BSE)	28
5.2.1.5	Normal Call Release (NCR)/Bearer Services (BSE)	33
5.2.2	Capability Set 2.1 (CS 2.1)	34
5.2.2.	Normal Connection (NCO)/Bearer services (BSE)	34
5.2.2.2	1 ()	
5.2.2.3	Normal Call Release (NCO)/Bearer services (BSE)	39
5.2.3	Point to Multipoint (PTMP)	
5.2.3.		
5.2.3.2		
5.2.3.3		
5.2.4	Bandwith Negotiation (BWN)	
5.2.4.		
5.2.4.2	1 \ /	
5.2.5	Bandwidth Modification (BWM)	
5.2.5.		
5.2.5.2		
5.2.6	Available Bit Rate (ABR)	
5.2.6.		
5.2.6.2		
5.3	Interworking of B-ISDN with N-ISDN (IW)	
5.3.1	Basic Call (BCA)	
5.3.1.1		
5.3.1.2		
5.3.1.3		
5.3.1.4		
5.3.1.5		
5.3.1.6		
5.3.2	Supplementary Services (SS)	
5.3.2.		
5.3.2.2	B-ISDN to N-ISDN calls (BNC)/Calling Line Identification Restriction (CLIR)	90

Final draft ETSI EG 201 901-1 V1.1.1 (2001-03)

5.3.2.3	B-ISDN to N-ISDN calls (BNC)/Connected Line Identification Presentation (COLP)	92
5.3.2.4	B-ISDN to N-ISDN calls (BNC)/Connected Line Identification Restriction (COLR)	95
5.3.2.5	B-ISDN to N-ISDN calls (BNC)/Sub-addressing (SUB)	98
5.3.2.6	B-ISDN to N-ISDN calls (BNC)/User-to-user signalling (UUS)	98
5.3.2.7	B-ISDN to N-ISDN calls (BNC)/Closed User Group (CUG)	102
5.3.2.8	N-ISDN to B-ISDN calls (NBC)/Calling Line Identification Presentation (CLIP)	118
5.3.2.9	N-ISDN to B-ISDN calls (NBC)/Calling Line Identification Restriction (CLIR)	121
5.3.2.10	N-ISDN to B-ISDN calls (NBC)/Connected Line Identification Presentation (COLP)	123
5.3.2.11	N-ISDN to B-ISDN calls (NBC)/Connected Line Identification Restriction (COLR)	125
5.3.2.12	N-ISDN to B-ISDN calls (NBC)/Sub-addressing (SUB)	127
5.3.2.13	N-ISDN to B-ISDN calls (NBC)/User-to-user signalling (UUS)	128
5.3.2.14	N-ISDN to B-ISDN calls (NBC)/Closed User Group (CUG)	130
5.4	Supplementary Services (SS)	142
5.4.1	Calling Line Identification Presentation (CLIP)	142
5.4.2	Calling Line Identification Restriction (CLIR)	147
5.4.3	Connected Line Identification Presentation (COLP)	150
5.4.4	Connected Line Identification Restriction (COLR)	154
5.4.5	Sub-addressing (SUB)	
5.4.6	User-to-user signalling (UUS)	
5.4.7	Closed User Group (CUG)	
History .		178

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (http://www.etsi.org/ipr).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

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

Introduction

The present document contains User-Network-Interface (UNI) to User-Network-Interface test specification for Network Integration Testing (NIT) required to verify the overall compatibility of B-ISDN and N-ISDN over national/international B-ISUP between networks.

1 Scope

The present document provides a set of tests for testing B-ISDN compatibility and its interworking with N-ISDN. Included are as well basic as supplementary services, checking basically the end-to-end characteristics. The following test subjects are covered:

- support of basic services (CS1 and partly CS2.1 functionalities): normal call/connection including bearer services, HLI/LLI-transport and LLI-negotiation, unsuccessful call setup, normal call release, deterministic bit rate, statistical bit rate and point-to-multipoint. The support of bandwidth negotiation, bandwidth modification and available bit rate will be covered in PIR 2.2;
- support of supplementary services: CLIP/R, COLP/R, SUB, UUS, CUG;
- support of interworking between B-ISDN and N-ISDN: basic call including normal connection, unsuccessful call setup, normal call release;
- support of interworking of supplementary services: CLIP/R, COLP/R, SUB, UUS, CUG.

The present document represents the output from the EURESCOM Project P613 Task2.

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 and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- [1] ETSI ETS 300 443-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for basic call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2931 (1995), modified]".
- [2] ETSI ETS 300 403-1 (1995): "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]".
- [3] ETSI ETS 300 771-1 (1997): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; B-ISDN user-network interface layer 3 specification for point-to-multipoint call/bearer control; Part 1: Protocol specification [ITU-T Recommendation Q.2971 (1995), modified]".
- [4] ETSI ETS 300 685 (1997): "Broadband Integrated Services Digital Network (B-ISDN); Usage of cause and location in Digital Subscriber Signalling System No. two (DSS2) and Signalling System No.7 B-ISDN User Part (B-ISUP) [ITU-T Recommendation Q.2610 (1995), modified]".
- [5] ETSI EG 201 018: "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".
- [6] ETSI ETS 300 092-1 (1994): "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] ETSI ETS 300 093-1 (1992): "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] ETSI ETS 300 097-1 (1994): "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] ETSI ETS 300 098-1 (1992): "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] ETSI ETS 300 061-1 (1991): "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [11] ETSI ETS 300 286-1 (1996): "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [12] ETSI ETS 300 138-1 (1997): "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [13] ITU-T Recommendation Q.2660: "Interworking between signalling system No. 7 broadband ISDN user part (B-ISUP) and narrow-band ISDN user part (N-ISUP)".
- [14] ETSI ETS 300 663-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Calling Line Identification Presentation (CLIP) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 3 (1995), modified]".
- [15] ETSI ETS 300 664-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Calling Line Identification Restriction (CLIR) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 4 (1995), modified]".
- [16] ETSI ETS 300 665-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connected Line Identification Presentation (COLP) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 5 (1995), modified]".
- [17] ETSI ETS 300 666-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connected Line Identification Restriction (COLR) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 6 (1995), modified]".
- [18] ETSI ETS 300 667-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Subaddressing (SUB) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2951, clause 8 (1995), modified]".
- [19] ETSI ETS 300 668-1 (1996): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; User-to-User Signalling (UUS) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2957, clause 1 (1995), modified]".
- [20] ETSI ETS 300 770-1 (1998): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Closed User Group (CUG) supplementary service; Part 1: Protocol specification [ITU-T Recommendation Q.2955.1 (1996), modified]".
- [21] ETSI EN 301 068-1 (V1.2.4): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; ATM transfer capability and traffic parameter indication; Part 1: Protocol specification [ITU-T Recommendations Q.2961.1 (1995), Q.2961.2 (1997), Q.2961.3 (1997), Q.2961.4 (1997), modified]".

[22]	ETSI EN 301 067-1 (V1.1.3): "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Negotiation during call/connection establishment phase; Part 1: Protocol specification [ITU-T Recommendation Q.2962 (1996), modified]".
[23]	ETSI EN 301 276-1: "Broadband Integrated Services Digital Network (B-ISDN); Digital Subscriber Signalling System No. two (DSS2) protocol; Connection characteristics; Modification procedures for sustainable cell rate parameters; Part 1: Protocol specification [ITU-T Recommendation Q.2963.2 (1997), modified]".
[24]	ATM Forum: User-Network Interface (UNI) Specification Version 3.1 (9-1994).
[25]	ISO/IEC 9646-1 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts".
[26]	ISO/IEC 9646-2 (1994): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract Test Suite specification".
[27]	ITU-T Recommendation H.221: "Frame structure for a 64 to 1920 kbit/s channel in audiovisual teleservices".
[28]	ITU-T Recommendation H.242: "System for establishing communication between audiovisual terminals using digital channels up to 2 Mbit/s".
[29]	ITU-T Recommendation Q.922: "ISDN data link layer specification for frame mode bearer services".
[30]	ITU-T Recommendation X.25: "Interface between Data Terminal Equipment (DTE) and Data Circuit-terminating Equipment (DCE) for terminals operating in the packet mode and connected to public data networks by dedicated circuit".
[31]	ETSI 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".
[32]	ITU-T Recommendation Q.955: "Stage 3 description for community of interest supplementary services using DSS 1: Closed user group".

3 Definitions and abbreviations

3.1 Definitions

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

- terms defined in the B-ISDN/ISDN reference specifications [1] to [24];
- terms defined in ISO/IEC 9646-1 [25] and in ISO/IEC 9646-2 [26].

In particular, the following terms defined in ISO/IEC 9646-1 [25] apply:

- Abstract Test Case;
- PICS proforma;
- Test Purpose.

3.2 Abbreviations

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

AAL ATM Adaption Layer Available Bit Rate **ABR** ATM Asynchronous Transfer Mode **Broadband Transfer Capability** BTCCalling Line Identification Presentation **CLIP** Calling Line Identification Restriction **CLIR COLP** COnnected Line identification Presentation **COLR** COnnected Line identification Restriction CS1 Capability Set 1 CS2.1 Capability Set 2.1 **CUG** Closed User Group Digital Subscriber Signalling System No. One DSS1 DSS2 Digital Subscriber Signalling System No. 2 HLC High Layer Compatibility **High Layer Information** HLI Integrated Services Digital Network **ISDN ISUP** ISDN User Part Implementation eXtra Information for Testing **IXIT** LLC Low Layer Compatibility LLI Low Layer Information NIT **Network Integration Testing SUB** Subaddressing TSS&TP Test Suite Structure & Test Purposes UUS User-to-User Signalling

4 Test Suite Structure (TSS)

4.1 B-ISDN Basic Call

BCA	CS 1	NCO	BSE	1.1.1.1.x
Basic Call/Connection	Capability Set 1	Normal Connection	Bearer Services	
			HLI/LLI	1.1.1.2.x
			HLI/LLI- Transport	
			LLI	1.1.1.3.x
			LLI Negotiation	
		UCS	BSE	1.1.2.1.x
		Unsuccessful Call Setup	Bearer Services	

10

	NCR	BSE		1.1.3.1.x
	Normal Call Release	Bearer Services		
CS 2.1	NCO	BSE		1.2.1.1.x
Capability Set 2.1	Normal Connection	Bearer Services		
	UCS	BSE		1.2.2.1.x
	Unsuccessful Call Setup	Bearer Services		
	NCR	BSE		1.2.3.1.x
	Normal Call Release	Bearer Services		
	PTMP	NCO	BSE	1.2.4.1.1.x
	Point to Multipoint	Normal Connection	Bearer Services	
		UCS	BSE	1.2.4.2.1x
		Unsuccessful Call Setup	Bearer Services	
		NCR	BSE	1.2.4.3.1x
		Normal Call Release	Bearer Services	
	BWN	NCO	BSE	1.2.5.1.x
	Bandwith Negotiation	Normal Connection	Bearer Services	
		UCS	BSE	1.2.5.2.x
		Unsuccessful Call Setup	Bearer Services	
	BWM	NCO	BSE	1.2.6.1.x

Final draft ETSI EG 201 901-1 V1.1.1 (2001-03)

Bandwith Modification	Normal Connection	Bearer Services	
	UCS	BSE	1.2.6.2.x
	Unsuccessful Call Setup	Bearer Services	
ABR	NCO	BSE	1.2.7.1.x
Available Bit Rate	Normal Connection	Bearer Services	
	UCS	BSE	1.2.7.2.x
	Unsuccessful Call Setup	Bearer	

4.2 B-ISDN interworking with N-ISDN for Basic Call

11

IW	BCA	BNC	NCO	2.1.1.1.x
Interworking B-ISDN with N-ISDN	Basic Call	B-ISDN to N- ISDN	Normal Connection	
			UCS	2.1.1.2.x
			Unsuccessful Call Setup	
			NCR	2.1.1.3.x
			Normal Call Release	
		NBC	NCO	2.1.2.1.x
		N-ISDN to B- ISDN	Normal Connection	
			UCS	2.1.2.2.x
			Unsuccessful Call Setup	

12

NCR 2.1.2.3.x

Normal Call
Release

4.3 B-ISDN interworking with N-ISDN for Supplementary Services

IW	SS	BNC	CLIP	2.2.1.1.x
Interworking B-ISDN with N-ISDN	Supplementary Services	B-ISDN to N-ISDN Calls	Calling Line Identif. Present.	
			CLIR	2.2.1.2.x
			Calling Line Identif. Restr.	_
			COLP	2.2.1.3.x
			Connected Line Identif. Present.	
			COLR	2.2.1.4.x
			Connected Line Identif. Restr.	
			SUB	2.2.1.5.x
			Sub-addressing	
			UUS	2.2.1.6.x
			User-to-user signalling	
			CUG	2.2.1.7.x
			Closed user group	
		NBC	CLIP	2.2.2.1.x
		N-ISDN to B-ISDN Call	Calling Line Identif. Present.	
			CLIR	2.2.2.2.x

Calling Line Identif. Restr.	
COLP	2.2.2.3.x
Connected Line Identif. Present.	
COLR	2.2.2.4.x
Connected Line Identif. Restr.	
SUB	2.2.2.5.x
Sub-addressing	
UUS	2.2.2.6.x
User-to-user signalling	
CUG	2.2.2.7.x

Closed user group

4.4 B-ISDN Supplementary Services

SS	CLIP	3.1.x
Supplementary Services	Calling Line Identif. Present.	
	CLIR	3.2.x
	Calling Line Identif. Restriction	
	COLP	3.3.x
	Connected Line Identif. Present.	
	COLR	3.4.x
	Connected Line Identif. Restriction	
	SUB	3.5.x
	Sub-addressing	
	UUS User-to-user	3.6.x
	signalling	
	Closed year group	3.7.x
	Closed user group	

5 B-ISDN End-to-End Test Purpose list

5.1 Introduction

For each test requirement a Test Purpose is defined.

5.1.1 Test purpose naming convention

The Test Purposes are identified by a five or six figure numbering scheme were the first figure identifies the Test Group, followed by three numbers for subgroups and a one or two figures serial number, starting at 1, within each group/subgroup. Groups are organized according to the TSS, see table 1.

Table 1: Test Purpose Identifier naming convention scheme

Identifier: TC <Test group > <Sub group> <Sub group> <Sub group> <nn>

<Test group>: 1 digit field representing group reference according to TSS

1 = Basic Call/Connection

2 = Interworking B-ISDN with N-ISDN

3 = B-ISDN Supplementary Service

<Subgroup>: Each 1 digit field representing sub group reference according to TSS

<nn> = sequential number (1-99)

5.1.2 Source of test purpose definition

The Test Purposes for B-ISDN are based on ETS 300 443-1 [1] and the applicable standards for supplementary services.

The Test Purposes for ISDN are based on ETS 300 403-1 [2] and the applicable standards for supplementary services.

5.1.3 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 NIT B-ISDN End-to-End tests

Identifier	Ref. to	Other relevant ref.:	
TSS reference:	Test Suite Structure Reference		
Selection criteria:	The criteria necessary in order to select this spe	cific test	
Test purpose:	The description of the test		
Configuration:	figuration: Configuration needed for this test		
Parameter values:	Values od parameters used for the test execution		
Comments:	Comments: Any relevant comment and reference		
Pre-test-condition:	dition: Any information which actions have to take place before this test can be executed		

5.2 Basic Call/Connection (BCA)

5.2.1 Capability Set 1(CS 1)

5.2.1.1 Normal Connection (NCO)/Bearer services (BSE)

1.1.1.1.1	Ref. to ETS 300 443-1 [1 5.2]/ clauses 5.1 and	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/NCO/BSE			
Selection criteria:				
Test purpose:	To verify that a Basic call can be established successfully			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		 Susceptible to clip 	pping	
	ATM Traffic Descriptor:	 PCR: acc. to IXIT 		
		- Forward peak cell rate (CLP=0+1)		
		- Backward peak cell rate (CLP=0+1)		
	QoS:	- Unspecified QoS		
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message			

1.1.1.1.2	Ref. to ETS 300 443-1 [1] / clauses 5.1 and		Other relevant ref.:	
	5.2			
TSS reference:	B_ISDN/BCA/ CS1/NCO/	BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call	can be established su	ccessfully	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	pping	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
		· - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)		
	QoS:	- Unspecified QoS class		
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used. The called user answers with ALERT followed by CONNECT			
	message			

1.1.1.1.3	Ref. to ETS 300 443-1 [1 5.2] / clauses 5.1 and	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/NCO/E	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call of	can be established su	ccessfully
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	pping
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	
	-	- Forward peak cell	rate (CLP=0+1)
		- Backward peak ce	ell rate (CLP=0+1)
	QoS:	- Unspecified QoS	class
Node-to-Node			
cross-reference			
Comments:	_	·	
Pre-test-condition:	En bloc sending is used. T CONNECT message	he called user answe	rs with CALL PROCEEDING followed by

1.1.1.1.4	Ref. to ETS 300 443-1 [1] / clauses 5.1 and		Other relevant ref.:
	5.2		
TSS reference:	B_ISDN/BCA/ CS1/NCO/	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	can be established su	ccessfully
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	 PCR: acc. to IXIT 	
		 Forward peak cell 	rate (CLP=0+1)
		 Backward peak ce 	ell rate (CLP=0+1)
	QoS: - Unspecified QoS class		
Node-to-Node		·	
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used.	The called user answe	rs directly with CONNECT message

1.1.1.1.5	Ref. to ETS 300 443-1 [1 5.2	1] / clauses 5.1 and	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/NCO/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call traffic descriptor PCR: acc		ccessfully using B-BC bearer class: A, ATM QOS: class 0
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1)
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. Optional i.e. ATM Adaption layer parameters (AAL type 1) included in SET UP		

1.1.1.1.6	Ref. to ETS 300 443-1 [1 5.2] / clauses 5.1 and	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/NCO/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call traffic descriptor PCR: acc		ccessfully using B-BC bearer class: A, ATM QOS: class 0
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: End-to-end transit delay OAM traffic descriptor QoS:	- BCOBA - Susceptible to clippoint of the color of the co	rate (CLP=0+1) Il rate (CLP=0+1)
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. Optional i.e. ATM Adaption layer parameters (AAL type 1), End-to-end transit delay and OAM traffic descriptor are included in the SET UP		

1.1.1.1.7	Ref. to ETS 300 443-1 [1 5.2] / clauses 5.1 and	Other relevant ref.:
TSS reference:	B ISDN/BCA/ CS1/NCO/E	BSE	<u> </u>
Selection criteria:	_		
Test purpose:	To verify that a Basic call	can be established su	ccessfully
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: End-to-end transit delay QoS: OAM traffic descriptor	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak cel - Unspecified QoS of	rate (CLP=0+1) ell rate (CLP=0+1)
Node-to-Node	For CONNECT: AAL Parameters: Connection identifier End-to-end transit delay OAM traffic descriptor	- AAL type 1	
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. T	The called user directly	y answers with CONNECT message

1.1.1.1.8	Ref. to ETS 300 443-1 [5.2	1] / clauses 5.1 and	Other relevant ref.: EN 301 068-1 [21]
TSS reference:	B_ISDN/BCA/ CS1/NCO/	BSF	
Selection criteria:	<u> </u>		
Test purpose:	To verify that a Basic call	can be established su	ccessfully using B-BC bearer class: C
Configuration:	Configuration 1		, ,
Parameter values:	For SETUP:		
	B-BC:	- BCOBC	
		- Not susceptible to	clipping
	AAL Parameters:	- AAL type 5	11 3
		71	CPCS-SDU size: acc. to IXIT
		- Backward maximu	ım CPCS-SDU size: acc. to IXIT
		- SSCS-type	
	ATM Traffic Descriptor:	* .	
	- Forward peak cell rate (CLP=0+1)		
		- Backward peak ce	
		- SCR: acc. to IXIT	M 1465 (021 -011)
		•••••••••••	ole cell rate (CLP=0+1)
			able cell rate (CLP=0+1)
		- MBS: acc. to IXIT	able deli fate (OEI =011)
			n burst size (CLP=0+1)
			Im burst size (CLP=0+1)
	QoS:	- Unspecified QoS	
Node-to-Node	400.	Oriopcomed Q00 (, ido
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used.	The called user answe	rs with CALL PROCEEDING and ALERT
	followed by CONNECT message		

1.1.1.1.9	Ref. to - ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.:		
TSS reference:		B ISDN/BCA/ CS1/NCO/BSE			
Selection criteria:					
Test purpose:	To verify that a Basic call bearer class: X	To verify that a Basic call can be established successfully using B-BC bearer class: X			
Configuration:	Configuration 1				
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	- BCOBX - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS o	rate (CLP=0+1) Il rate (CLP=0+1)		
Node-to-Node cross-reference					
Comments:					
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message				

1.1.1.1.10	Ref. to ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.: EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS1/NCO/	DCE		
	B_ISDIN/BCA/ CST/NCO/	DOE		
Selection criteria:			(
Test purpose:		can be established su	ccessfully using B-BC bearer class: X	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBX		
		 Not susceptible to 	clipping	
	AAL Parameters:	- AAL type 5		
		- Forward maximun	n CPCS-SDU size: acc. to IXIT	
		 Backward maximu 	ım CPCS-SDU size: acc. to IXIT	
		- SSCS-type		
	ATM Traffic Descriptor:	· ·		
		- Forward peak cell	rate (CLP=0+1)	
		- Backward peak ce		
		- SCR: acc. to IXIT		
		- Forward sustainal	ole cell rate (CLP=0+1)	
			able cell rate (CLP=0+1)	
		- MBS: acc. to IXIT		
			n burst size (CLP=0+1)	
			Im burst size (CLP=0+1)	
	QoS:	- Unspecified QoS		
Node-to-Node	400.	Chopodinea Quo	5,400	
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used. followed by CONNECT m		rs with CALL PROCEEDING and ALERT	

1.1.1.1.11	Ref. to ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.:
	5.2		
TSS reference:	B_ISDN/BCA/ CS1/NCO/	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call OAM F5 cells should be t		ccessfully using B-BC bearer class: A when
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS: OAM traffic descriptor:	User-network faulForward EtE OAM	rate (CLP=0+1) ell rate (CLP=0+1) class
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message		

1.1.1.1.12	Ref. to ETS 300 443-1 [7 5.2	1] / clauses 5.1 and	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/NCO/	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call OAM F5 cells should be to		ccessfully using B-BC bearer class: A when
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS: OAM traffic descriptor:	User-network faulForward EtE OAN	rate (CLP=0+1) ell rate (CLP=0+1) class
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message		

1.1.1.13	Ref. to ETS 300 443-1 [1] / clause 6 / annex E clause E.2.1		Other relevant ref.: ETS 300 403-1 [2], EG 201 018 [5]
TSS reference:	B_ISDN/BCA/ CS1/NCO/I	BSE	
Selection criteria:			
Test purpose:	To verify that a call for a NB-ISDN	N-ISDN service (3,1 kH	Iz audio) can be established successfully within
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	N-BC:	- 3,1 kHz Audio	
		- Circuit mode	
		- 64 kbit/s	
		- A-law	
	QoS:	- Unspecified QoS	class
	B-SCI	Chopodinou Que (3.00
Node-to-Node			
cross-reference			
Comments:	3,1 kHz audio call within B-ISDN		
Pre-test-condition:	En bloc sending is used at the B-ISDN UNI.		
	The called party answers		by CONNECT message.

1.1.1.1.14	Ref. to ETS 300 443-1 annex E clause		Other relevant ref.: ETS 300 403-1 [2], EG 201 018 [5]	
TSS reference:				
Selection criteria:				
Test purpose:	To verify that a call for a N-ISDN service (unrestricted digital information) can be established successfully within B-ISDN			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: N-BC: QoS: B-SCI	- BCOBA - Susceptible to - AAL type 1 - Equal to 64 kl - UDI - Circuit mode - 64 kbit/s - Unspecified C	pit/s	
Node-to-Node cross-reference				
Comments:	Unrestricted digital infor	Unrestricted digital information call within B-ISDN		
Pre-test-condition:	En bloc sending is used a	t the B-ISDN UNI		

1.1.1.1.15	Ref. to ETS 300 443-1		Other relevant ref.: ETS 300 403-1 [2],	
	annex E clause		EG 201 018 [5]	
TSS reference:	B_ISDN/BCA/CS1/NCO/E	BSE		
Selection criteria:				
Test purpose:	To verify that a call for a N	To verify that a call for a N-ISDN service (telephony) can be established successfully within B-		
	ISDN			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		 Susceptible to 	clipping	
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- Equal to 64 kl	pit/s	
	N-BC:	- Speech		
		- Circuit mode		
		 64 kbit/s 		
		- A-law		
	N-HLC:	 Telephony 		
	QoS:	- Unspecified C	loS class	
	B-SCI			
Node-to-Node				
cross-reference				
Comments:	Telephony call within B-ISDN			
Pre-test-condition:	En bloc sending is used at the B-ISDN UNI.			
	The called party answers	with ALERT follow	ved by CONNECT message.	

1.1.1.1.16	Ref. to ETS 300 443-1 annex E claus		Other relevant ref.: ETS 300 403-1 [2], EG 201 018 [5]
TSS reference:	B_ISDN/BCA/CS1/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that a call for a N-ISDN service (videotelephony/first call) can be established successfully within B-ISDN		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descrip.: N-BC: N-HLC: QoS: B-SCI	- BCOBA - Susceptible to clipping - AAL type 1 - Equal to 64 kbit/s - UDI T/A - Circuit mode - 64 kbit/s - ITU-T Recommendation H.221 [27] and H.242 [28] - Videotelephony - Unspecified QoS class	
Node-to-Node cross-reference			
Comments:	Videotelephony call first call within B-ISDN		
Pre-test-condition:	En bloc sending is used The called party answers		ved by CONNECT message.

1.1.1.17	Ref. to ETS 300 443-1 [annex E	1] / clause 6 /	Other relevant ref.: ETS 300 403-1 [2], EG 201 018 [5]		
TSS reference:	B_ISDN/BCA/CS1/NCO/BSE				
Selection criteria:					
Test purpose:	To verify that a call for a N successfully within B-ISDI	To verify that a call for a N-ISDN service (videotelephony/second call) can be established successfully within B-ISDN			
Configuration:	Configuration 1				
Parameter values:	For SETUP:				
	B-BC:	- BCOBA			
	AAL Parameters: ATM Traffic Descriptor:	71 -			
	N-BC:	- UDI- Circuit mode- 64 kbit/s			
	N-HLC:	 Videotelepho 	ony		
	QoS: B-SCI	- Unspecified	QoS class		
Node-to-Node					
cross-reference					
Comments:	Videotelephony call second call from B-ISDN to N-ISDN				
Pre-test-condition:	En bloc sending is used at the B-ISDN UNI.				
	The called party answers	with ALERT follo	wed by CONNECT message.		

1.1.1.1.18	Ref. to ETS 300 443-1 [annex E	1] / clause 6 /	Other relevant ref.: ETS 300 403-1 [2], EG 201 018 [5]	
TSS reference:	B_ISDN/BCA/CS1/NCO/E	B ISDN/BCA/CS1/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a call for a NISDN.	To verify that a call for a N-ISDN service (telefax G4) can be established successfully within B-ISDN.		
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	BCOBASusceptible	to clipping	
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	- Equal to 64	kbit/s	
	N-BC:	- UDI		
		 Circuit mode 		
		- 64 kbit/s		
	N-HLC:	- Group 4 clas		
	N-LLC:		018 [5] clause 7.3.2.1	
	QoS:	 Unspecified 	QoS class	
	B-SCI			
Node-to-Node				
cross-reference				
Comments:	Telefax Group 4 call wit			
Pre-test-condition:	En bloc sending is used a			
	The called party answers	with ALERT follo	wed by CONNECT message.	

1.1.1.1.19	Ref. to ETS 300 443-1 [1] / clause 6 /	Other relevant ref.: ETS 300 403-1 [2],	
	annex E		EG 201 018 [5]	
TSS reference:	B_ISDN/BCA/CS1/NCO/BSE			
Selection criteria:				
Test purpose:	To verify that a call for a N within B-ISDN.	To verify that a call for a N-ISDN service (Telephony 7 kHz) can be established successfully within B-ISDN.		
Configuration:	Configuration xy			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible	to clipping	
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- Equal to 64	kbit/s	
	N-BC:	- UDI T/A		
		- Circuit mode	•	
		 64 kbit/s 		
		- ITU-T Recor	nmendation H.221 [27] and H.242 [28]	
	N-HLC:	- Telephony		
	QoS:	- Unspecified	QoS class	
	B-SCI:	•		
Node-to-Node				
cross-reference				
Comments:	Telephony 7 kHz call within B-ISDN			
Pre-test-condition:	En bloc sending is used a	t the B-ISDN UN	I.	
	The called party answers	with ALERT follo	wed by CONNECT message.	

1.1.1.1.20	Ref. to ETS 300 443-1 [annex E	1] / clause 6 /	Other relevant ref.: ETS 300 403-1 [2], EG 201 018 [5]
TSS reference:	B_ISDN/BCA/CS1/NCO/E	BSE	
Selection criteria:			
Test purpose:	To verify that a call for a N within B-ISDN.	I-ISDN service (acsimile group 2/3) can be established successfully
Configuration:	Configuration xy		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible 	to clipping
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	- Equal to 64	kbit/s
	N-BC:	- 3,1 kHz audi	0
		 Circuit mode 	
		- 64kbit/s	
		- A-law	
	N-HLC:	 Facsimile Gr 	oup 2/3
	QoS:	 Unspecified 	QoS class
	B-SCI		
Node-to-Node		•	
cross-reference			
Comments:	Facsimile Group 2/3 call within B-ISDN		
Pre-test-condition:	En bloc sending is used a	t the B-ISDN UN	l.
	The called party answers	with ALERT follo	wed by CONNECT message.

5.2.1.2 Normal Connection (NCO)/HLI/LLI-Transport (HLI)

1.1.1.2.1	Ref. to ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.:	
TSS reference:		B_ISDN/BCA/ CS1/NCO/ /HLI_LLI		
Selection criteria:				
Test purpose:	To verify that a call can be	e established successi	fully if B-HLI i.e. is included in SET UP.	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	pping	
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
		- Forward peak cell	rate (CLP=0+1)	
		- Backward peak ce		
	B-HLI:	- ISO/IEC		
	QoS:	- Unspecified QoS	class	
Node-to-Node		·		
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used.	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT		
	followed by CONNECT m	essage. B-HLI type: IS	SO/IEC (80 H)	

1.1.1.2.2	Ref. to ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.:		
	5.2				
TSS reference:	B_ISDN/BCA/ CS1/NCO/	/HLI_LLI			
Selection criteria:					
Test purpose:	To verify that a call can be	e established successf	fully if B-HLI i.e. is included in SET UP.		
Configuration:	Configuration 1				
Parameter values:	For SETUP:				
	B-BC:	- BCOBA			
		- Susceptible to clip	ping		
	AAL Parameters:	- AAL type 1			
	ATM Traffic Descriptor:	- PCR: acc. to IXIT			
	·	- Forward peak cell rate (CLP=0+1)			
		- Backward peak cell rate (CLP=0+1)			
	B-HLI:	- User-specific	,		
	QoS:	- Unspecified QoS class			
Node-to-Node					
cross-reference					
Comments:					
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. B-HLI type: User-specific (81 H)				

1.1.1.2.3	Ref. to ETS 300 443-1 [1 5.2] / clauses 5.1 and	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/NCO/ /HLI_LLI			
Selection criteria:				
Test purpose:	To verify that a call can be	established successf	fully if B-HLI i.e. is included in SET UP.	
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: B-HLI:	B-BC: - BCOBA - Susceptible to clipping AAL Parameters: - AAL type 1 - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)		
	QoS:	- Unspecified QoS	class	
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. B-HLI type: Vendor-specific application identifier (83 H)			

1.1.1.2.4	Ref. to ETS 300 443-1 [1 5.2] / clauses 5.1 and	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/NCO/ /HLI_LLI			
Selection criteria:				
Test purpose:	To verify that a call can be	established successf	fully if B-HLI i.e. is included in SET UP.	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clipping		
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
		- Forward peak cell rate (CLP=0+1)		
		- Backward peak cell rate (CLP=0+1)		
	B-HLI:	- SG 1	·	
	QoS:	 Unspecified QoS of 	class	
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used.	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT		
	followed by CONNECT m	essage. B-HLI type: S	G 1 (84 H)	

1.1.1.2.5	Ref. to ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.:
	5.2		
TSS reference:	B_ISDN/BCA/ CS1/NCO/ /HLI_LLI		
Selection criteria:			
Test purpose:	To verify that a call can be	e established successi	ully if B-HLI/B-LLI i.e. is included in SET UP.
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: B-HLI: B-LLI: layer	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - User-specific - User inf. layer 2: 0	rate (CLP=0+1)
Node to Node	QoS:	- Unspecified QoS	class
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. B-HLI type: User-specific (81 H); B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer		

5.2.1.3 Normal Connection (NCO)/LLI-Negotiation (LLI)

1.1.1.3.1	Ref. to ETS 300 443-1 [11/ clauses 5.1 and	Other relevant ref.:
	5.2 / ann		
TSS reference:	B_ISDN/BCA/ CS1/NCO//	/LLI	
Selection criteria:	_		
Test purpose:	To verify that a call can be and the B-LLI i.e. in the C		fully if B-HLI/B-LLI i.e. is included in SET UP
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor:	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce	rate (CLP=0+1)
	B-HLI: B -LLI: window For CONNECT: B -LLI:	size: 63QoS: - Unsp - User inf. layer 2: 0	K.25 [30] packet layer, packet size:1024, pecified QoS class
	window	size: 7	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. SET UP: B-HLI type: User-specific (81 H); B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer,. CONNNECT: B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer packet size:1024, window size: 7		

1.1.1.3.2	Ref. to ETS 300 443-1 [1] / clauses 5.1 and	Other relevant ref.:
	5.2, anne	ex C	
TSS reference:	B_ISDN/BCA/ CS1/NCO/	/LLI	
Selection criteria:			
Test purpose:			fully if B-HLI, the Broadband repeat indicator B-LLI i.e. in the CONNECT.
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	pping
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	
		 Forward peak cell 	
		 Backward peak ce 	ell rate (CLP=0+1)
	B-HLI:	 User-specific 	
	Broadband repeat indicate		
	B -LLI:	- User inf. layer 2: 0	
		- User inf. layer 3: λ	(.25 [30] packet layer, packet size: 512, window
		size: 3	
	B -LLI:	- User inf. layer 2: 0	
			K.25 [30] packet layer, packet size: 1 024,
	window	size: 7	
	B -LLI:	- User inf. layer 2: 0	
			4.25 [30] packet layer, packet size: 2 048,
	window	size: 63	
	QoS:	 Unspecified QoS 	class
	For CONNECT:		
	B -LLI:	- User inf. layer 2: 0	
			K.25 [30] packet layer, packet size:1024,
	window	size: 7	
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called user answers with CALL PROCEEDING and ALERT followed by CONNECT message. SET UP: B-HLI type: User-specific (81 H); Broadband repeat indicator, 1. B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer, packet size: 512, window size: 3, 2. B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer, packet size: 1024, window size: 7, 3. B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer, packet size: 2 048, window size:63, CONNNECT: B-LLI: User inf. layer 2: Q.922 [29], User inf.layer 3: X.25 [30] packet layer packet size:1024, window size: 7		

5.2.1.4 Unsuccessful Call Setup (UCS)/Bearer Services (BSE)

1.1.2.1.1	Ref. to ETS 300 443-1	[1] / clause 5.1.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/E	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call will be released successfully using cause # 1 when an unallocated number is dialled.		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1)
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. (Called number is an ur	nallocated subscriber number

1.1.2.1.2	Ref. to ETS 300 443-1	[1] / clause 5.1.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	ssfully using cause # 3 when there is no route
	to destination.		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	 PCR: acc. to IXIT 	
		 Forward peak cell 	rate (CLP=0+1)
		- Backward peak ce	II rate (CLP=0+1)
	QoS:	- Unspecified QoS of	lass
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used.	Called party number ha	as invalid country or national destination code

1.1.2.1.3	Ref. to ETS 300 443-1	[1] / clause 5.1.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call will be released successfully using cause # 22 when the dialled number has changed.		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1)
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The dialled number has changed		

1.1.2.1.4	Ref. to ETS 300 443-1	[1] / clause 5.1.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/E	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call will be released successfully using cause # 28 when the dialled number was incomplete.		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1)
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used.		

1.1.2.1.5	Ref. to ETS 300 443-1	[1] / clause 5.2.1	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	essfully using cause # 47 if no resources are
	available at called UNI.		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	pping
	AAL Parameters:	- AAL type 1	. •
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	
		 Forward peak cell 	rate (CLP=0+1)
		- Backward peak ce	ell rate (CLP=0+1)
	QoS:	- Unspecified QoS	class
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. called access	The required bandwidt	h is bigger than the one supported by the

1.1.2.1.6	Ref. to ETS 300 443-1 [and 5.2		Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I		
Selection criteria:	_		
Test purpose:	To verify that a Basic call transparently	will be released succe	essfully and that the cause # 88 is transported
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	 BCOBA Susceptible to clip AAL type 1 PCR: acc. to IXIT Forward peak cell Backward peak ce Unspecified QoS of 	rate (CLP=0+1) ell rate (CLP=0+1)
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. The called party is incompatible and answers with RELEASE COMPLETE and the appropriate cause value		

1.1.2.1.7	Ref. to ETS 300 443-1	[1] / clause 5.2.4	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE		
Selection criteria:				
Test purpose:	_	will be released succe	ssfully and that the cause # 49 is transported	
	transparently			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	oing	
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
		- Forward peak cell	rate (CLP=0+1)	
		- Backward peak ce	Il rate (CLP=0+1)	
	QoS:	- Unspecified QoS		
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:		En bloc sending is used. The called user is not able to provide the requested QOS class and returns a RELEASE COMPLETE with the appropriate cause value		

1.1.2.1.8	Ref. to ETS 300 443-1	[1] / clause 5.2.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succes	ssfully and that the cause # 49 is transported
	transparently		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	AAL Parameters:	- AAL type 1	-
	ATM Traffic Descriptor:	 PCR: acc. to IXIT 	
		 Forward peak cell 	rate (CLP=0+1)
		 Backward peak ce 	
	QoS:	 Unspecified QoS of 	lass
Node-to-Node			·
cross-reference			
Comments:	-		
Pre-test-condition:	En bloc sending is used. The called user is not able to accept the indicated transit delay and		
	returns a RELEASE COM	IPLETE with the appro	oriate cause value

1.1.2.1.9	Ref. to ETS 300 443-1	[1] / clause 5.2.4	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call	will be released succe	ssfully and that the cause # 47 is transported	
	transparently			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		 Susceptible to clip 	ping	
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	 PCR: acc. to IXIT 		
		 Forward peak cell rate (CLP=0+1) 		
		 Backward peak ce 		
	QoS:	 Unspecified QoS of 	lass	
Node-to-Node				
cross-reference				
Comments:		·		
Pre-test-condition:	En bloc sending is used. SET UP: The called user is not able to provide the requested peak			
	cell rate and returns a RE	LEASE COMPLETE w	ith the appropriate cause value	

1.1.2.1.10	Ref. to ETS 300 443-1	[1] / clause 5.2.5.1	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/UCS/E	BSE		
Selection criteria:				
Test purpose:	,	will be released succe	ssfully and that the cause # 17 is transported	
	transparently			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	oing	
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	otor: - PCR: acc. to IXIT		
		- Forward peak cell rate (CLP=0+1)		
		- Backward peak ce	Il rate (CLP=0+1)	
	QoS:	 Unspecified QoS of 	lass	
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used. The called user is busy rate and returns a RELEASE COMPLETE			
	with the appropriate cause	e value		

1.1.2.1.11	Ref. to ETS 300 443-1	[1] / clause 5.2.5.1	Other relevant ref.:	
TSS reference:	B_ISDN/BCA/ CS1/UCS/E	BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call	will be released succe	essfully and that the cause # 21 is transported	
	transparently			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	pping	
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
		 Forward peak cell 	rate (CLP=0+1)	
		 Backward peak ce 	ell rate (CLP=0+1)	
	QoS:	 Unspecified QoS 	class	
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used.	En bloc sending is used. The called user refuses/rejects the call and returns a RELEASE		
	COMPLETE with the appr	ropriate cause value	·	

1.1.2.1.12	Ref. to ETS 300 443-1	[1] / clause 5.2.5.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	ssfully using cause # 18 if there is no response
	from the called user		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA,	
		 Susceptible to clip 	ping
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	
		 Forward peak cell 	
		- Backward peak ce	Il rate (CLP=0+1)
	QoS:	 Unspecified QoS of 	lass
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used.	The called user shall n	ot respond

1.1.2.1.13	Ref. to ETS 300 443-1	[1] / clause 5.2.5.4	Other relevant ref.:
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released successf	ully using cause # 19 when the timer T 301
	expires		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clippin 	g
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	 PCR: acc. to IXIT 	
		 Forward peak cell rat 	
		 Backward peak cell range 	
	QoS:	 Unspecified QoS class 	SS
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used. T 301 expires	The called user sends AL	ERT but no CONNECT or RELEASE before
	I 1 301 expires		

5.2.1.5 Normal Call Release (NCR)/Bearer Services (BSE)

1.1.3.1.1	Ref. to ETS 300 443-1	[1] / clause 5.4.3.	Other relevant ref.:		
TSS reference:	B_ISDN/BCA/ CS1/UCS/I	B_ISDN/BCA/ CS1/UCS/BSE			
Selection criteria:					
Test purpose:	To verify that a calling use	er can release the call	successfully prior to the receipt of answer		
Configuration:	Configuration 1				
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	- BCOBA - Susceptible to clip - AAL type 1 - PCR: acc. to IXIT - Forward peak cell - Backward peak cell - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1)		
Node-to-Node cross-reference					
Comments:					
Pre-test-condition:	En bloc sending is used. (En bloc sending is used. Calling user clears before answer			

1.1.3.1.2	Ref. to ETS 300 443-1	[1] / clause 5.4.3	Other relevant ref.:			
TSS reference:	B_ISDN/BCA/ CS1/UCS/BSE					
Selection criteria:						
Test purpose:	To verify that a calling use	er can release the call	successfully after answer			
Configuration:	Configuration 1					
Parameter values:	For SETUP:	20224				
	B-BC: AAL Parameters: ATM Traffic Descriptor: QoS:	 BCOBA Susceptible to clip AAL type 1 PCR: acc. to IXIT Forward peak cell Backward peak ce Unspecified QoS or 	rate (CLP=0+1) Il rate (CLP=0+1)			
Node-to-Node						
cross-reference						
Comments:						
Pre-test-condition:	En bloc sending is used.	Calling user clears afte	En bloc sending is used. Calling user clears after answer			

1.1.3.1.3	Ref. to ETS 300 443-1	[1] / clause 5.4.4	Other relevant ref.:		
TSS reference:	B_ISDN/BCA/ CS1/UCS/E	BSE			
Selection criteria:					
Test purpose:	To verify that a called use	r can release the call s	successfully after answer		
Configuration:	Configuration 1				
Parameter values:	For SETUP:				
	B-BC:	- BCOBA			
		- Susceptible to clipping			
	AAL Parameters:	 AAL type 1 			
	ATM Traffic Descriptor:	- PCR: acc. to IXIT			
		- Forward peak cell rate (CLP=0+1)			
		- Backward peak cell rate (CLP=0+1)			
	QoS:	- Unspecified QoS	class		
Node-to-Node					
cross-reference					
Comments:		·			
Pre-test-condition:	En bloc sending is used. SET UP: B-BC bearer class: A, ATM traffic descriptor PCR: acc. to IXIT (CLP=0+1), QOS: class 0. Called user clears after answer				
	TIXIT (CLP=0+1), QOS: cla	iss U. Called user clea	irs after answer		

5.2.2 Capability Set 2.1 (CS 2.1)

5.2.2.1 Normal Connection (NCO)/Bearer services (BSE)

1.2.1.1.1	Ref. to EN 301 068	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/NC0	O/BSE	
Selection criteria:			
Test purpose:	successfully using bearer		pability Set 2.1 parameters can be established
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS:	- PCR: acc. - Forward pe	e to clipping, connection configuration: point-to-point: 00 to IXIT tak cell rate (CLP=0+1) to peak cell rate (CLP=0+1)
Node-to-Node cross- reference			
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.1.1.2	Ref. to EN 301 068	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTM	/IP/NCO/BSE	
Selection criteria:			
Test purpose:	successfully using bearer		ability Set 2.1 parameters can be established
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS:	- BCOBA, - Susceptible to clipping, - User plane connection configuration: point-to-point: 00 - PCR: acc. to IXIT - Forward peak cell rate (CLP=0) - Backward peak cell rate (CLP=0) - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - Unspecified QoS class	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.1.1.3	Ref. to EN 301	068-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B ISDN/BCA/ CS2.1/NC0	7/RSE	L13 300 443-1 [1]	
Selection criteria:	B_IODIVIDOA CO2.1/11CC	J/DOL		
Test purpose:	To verify that a Basic call successfully using bearer		Set 2.1 parameters can be established	
Configuration:	Configuration 1	uass C		
Parameter values:	For SETUP:			
raiametei values.	B-BC:	- BCOBC, - BTC: 000 1001 - Not susceptible to - User plane connection	clipping, ction configuration: point-to-point: 00	
	AAL Parameters:	- AAL type 5 - Forward maximum CPCS-SDU size: acc. to IXIT - Backward maximum CPCS-SDU size: acc. to IXIT - SSCS-type		
	ATM Traffic Descriptor: QoS:	 PCR: acc. to IXIT Forward peak cell Backward peak ce SCR: acc. to IXIT Forward sustainal Backward sustainal MBS: acc. to IXIT Forward maximum 	ell rate (CLP=0+1) ple cell rate (CLP=0) able cell rate (CLP=0) a burst size (CLP=0) um burst size (CLP=0)	
Node-to-Node		20p 202		
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used			

1.2.1.1.4	Ref. to EN 301 06	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/NC0	O/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call successfully using bearer		pability Set 2.1 parameters can be established
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC:		001 tible to clipping, connection configuration: point-to-point: 00
	AAL Parameters:	AAL type 5Forward m	aximum CPCS-SDU size: acc. to IXIT maximum CPCS-SDU size: acc. to IXIT
	ATM Traffic Descriptor:	- Backward - SCR: acc. - Forward su - Backward - MBS: acc. - Forward m - Backward	ceak cell rate (CLP=0+1) ceak cell rate (CLP=0+1) to IXIT stainable cell rate (CLP=0+1) sustainable cell rate (CLP=0+1) to IXIT aximum burst size (CLP=0+1) maximum burst size (CLP=0+1)
Node-to-Node	QoS:	- Unspecifie	J QOS CIASS
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.1.1.5	Ref. to EN 301 068	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B ISDN/BCA/ CS2.1/NCC	7/RSE	210 000 440 1 [1]	
	B_13D1\/BCA\ C32.1/1\CC	J/BSL		
Selection criteria:				
Test purpose:			pability Set 2.1 parameters can be established	
	successfully using bearer	class C		
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	 BCOBC, 		
		- Not suscep	tible to clipping,	
			connection configuration: point-to-point: 00	
	AAL Parameters:	- AAL type 5		
		- Forward m	aximum CPCS-SDU size: acc. to IXIT	
		- Backward maximum CPCS-SDU size: acc. to IXIT		
		- SSCS-type		
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
	1	- Forward pe	eak cell rate (CLP=0+1)	
			peak cell rate (CLP=0+1)	
	QoS:	- Unspecified		
Node-to-Node		•		
cross-reference				
Comments:				
Pre-test-condition:	En bloc sending is used			

1.2.1.1.6	Ref. to EN 301 06	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B_ISDN/BCA/ CS2.1/NCO/BSE			
Selection criteria:				
Test purpose:	To verify that a Basic call	supporting Cap	pability Set 2.1 parameters can be established	
	successfully using bearer	class C		
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	 BCOBC, 		
		 Not suscep 	tible to clipping,	
		 User plane 	connection configuration: point-to-point: 00	
	AAL Parameters:	 AAL type 5 		
			aximum CPCS-SDU size: acc. to IXIT	
			maximum CPCS-SDU size: acc. to IXIT	
		 SSCS-type 		
	ATM Traffic Descriptor:	- PCR: acc.		
			eak cell rate (CLP=0)	
			peak cell rate (CLP=0)	
			eak cell rate (CLP=0+1)	
			peak cell rate (CLP=0+1)	
		- SCR: acc.		
			stainable cell rate (CLP=0)	
			sustainable cell rate (CLP=0)	
		- MBS: acc.		
			aximum burst size (CLP=0)	
			maximum burst size (CLP=0)	
N	QoS:	- Unspecified	d QoS class	
Node-to-Node				
cross-reference				
Comments:	<u> </u>			
Pre-test-condition:	En bloc sending is used			

1.2.1.1.7	Ref. to EN 301 068	3-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TCC voference:	D ICDN/DCA/ CC2 4/NC4	N/DCE	E13 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/NC0	J/BSE	
Selection criteria:			
Test purpose:			pability Set 2.1 parameters can be established
	successfully using bearer class C		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBC	
		 Not suscep 	tible to clipping,
			connection configuration: point-to-point: 00
	AAL Parameters:	- AAL type 5	
			aximum CPCS-SDU size: acc. to IXIT
			maximum CPCS-SDU size: acc. to IXIT
		- SSCS-type	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1)	
	ATM Traile Descriptor.		
		- Backward peak cell rate (CLP=0+1)	
		- SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0+1)	
			sustainable cell rate (CLP=0+1)
		- MBS: acc.	** ** ** *
		- Forward m	aximum burst size (CLP=0+1)
		 Backward maximum burst size (CLP=0+1) 	
	QoS:	 Unspecified 	d QoS class
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.1.1.8	Ref. to EN 301 06	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/NC0	O/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call successfully using bearer		pability Set 2.1 parameters can be established
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC:	- BCOBC	
	AAL Parameters:	 User plane AAL type 5 Forward m 	aximum CPCS-SDU size: acc. to IXIT maximum CPCS-SDU size: acc. to IXIT
	ATM Traffic Descriptor: QoS:	- SSCS-type - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0) - Backward sustainable cell rate (CLP=0) - MBS: acc. to IXIT - Forward maximum burst size (CLP=0) - Backward maximum burst size (CLP=0) - Unspecified QoS class	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.1.1.9	Ref. to EN 301 068	3-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters can be established successfully using bearer class C		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters:	- User plane	tible to clipping, connection configuration: point-to-point: 00
		 - AAL type 5 - Forward maximum CPCS-SDU size: acc. to IXIT - Backward maximum CPCS-SDU size: acc. to IXIT - SSCS-type 	
	ATM Traffic Descriptor: QoS:	- PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0+1) - Backward sustainable cell rate (CLP=0+1) - MBS: acc. to IXIT - Forward maximum burst size (CLP=0+1) - Backward maximum burst size (CLP=0+1) - Unspecified QoS class	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.1.1.10	Ref. to EN 301 06	8-1 [21]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/NC	O/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters can be established successfully using bearer class C		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC:		0011 tible to clipping, connection configuration: point-to-point: 00
	AAL Parameters:	- AAL type 5 - Forward maximum CPCS-SDU size: acc. to IXIT - Backward maximum CPCS-SDU size: acc. to IXIT - SSCS-type	
	ATM Traffic Descriptor: QoS:	- SGCS-type - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0+1) - Backward sustainable cell rate (CLP=0+1) - MBS: acc. to IXIT - Forward maximum burst size (CLP=0+1) - Backward maximum burst size (CLP=0+1) - Unspecified QoS class	
Node-to-Node cross-reference		- 1	
Comments:			
Pre-test-condition:	En bloc sending is used		

5.2.2.2 Unsuccessful Call Setup (UCS)/Bearer services (BSE)

Covered by test purposes 1.1.2.1.x.

5.2.2.3 Normal Call Release (NCO)/Bearer services (BSE)

Covered by test purposes 1.1.3.1.x.

5.2.3 Point to Multipoint (PTMP)

5.2.3.1 Normal Connection (NCO)/Bearer services (BSE)

1.2.4.1.1.1	Ref. to ETS 300	771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTM	IP/NCO/BSE	
Selection criteria:			
Test purpose:			one root and two leaves can be established of the third party is initiated while the first call is
Configuration:	Configuration 2		
Parameter values:	For SETUP:		
	B-BC: End point reference: ATM Traffic Descriptor: QoS: For ADD PARTY: End point reference For the ADD PARTY ACK End point reference	Any value except 0 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1) = 0
Node-to-Node	End point reference		
cross-reference			
Comments:	The ADD PARTY must use the same call reference value as in the SETUP and mustn't be sent before the first call is in the active state		
Pre-test-condition:	En bloc sending is used		

1.2.4.1.1.2	Ref. to ETS 300	0 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that a Point to Multipoint Call between one root and two leaves can be established successfully using bearer class A. The addition of the third party is initiated while the first call is in the call delivered state		
Configuration:	Configuration 2		
Parameter values:	For SETUP: B-BC: End point reference: ATM Traffic Descriptor: QoS: For CONNECT: End point reference	Any value except 0 - PCR: acc. to IXIT - Forward peak cell	rate (CLP=0+1) ell rate (CLP=0+1) = 0
Node-to-Node			
cross-reference			
Comments:			ence value as in the SETUP
	and mustn't be sent before the first call is in the call delivered state		
Pre-test-condition:	En bloc sending is used		

1.2.4.1.1.3	Ref. to ETS 300	0 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTM	/IP/NCO/BSE	
Selection criteria:			
Test purpose:	successfully using bearer support Point to Multipoint call is in the active state	class A. The user equ	one root and two leaves can be established iipment connected to the second leaf does not dition of the third party is initiated while the first
Configuration:	Configuration 2		
Parameter values:	For SETUP: B-BC: End point reference: ATM Traffic Descriptor: QoS: For ADD PARTY:	Any value except 0 - PCR: acc. to IXIT - Forward peak cell	rate (CLP=0+1) ell rate (CLP=0+1) = 0
	End point reference For the ADD PARTY ACK End point reference AAL Parameters: B-LLI: window	- AAL type 1 - User inf. layer 2: 0	Q.922 [29] K.25 [30] packet layer, packet size: 1 024,
Node-to-Node cross-reference		0.20. 0	
Comments:	The ADD PARTY must us	the same call refere	ence value as in the SETUP
Comments.	and mustn't be sent before		
Pre-test-condition:	En bloc sending is used		adire state

1.2.4.1.1.4	Ref. to ETS 300	0 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTM	IP/NCO/BSE	
Selection criteria:			
Test purpose:	successfully using bearer in the active state.		one root and two leaves can be established of the third party is initiated while the first call is
Configuration:	Configuration 2		
Parameter values:	For SETUP: B-BC:	- BCOBC - BTC: 000 1011 - Not susceptible to - User plane conne	clipping, ction configuration: point-to-multipoint: 01
	AAL Parameters:	 AAL type 5 Forward maximun 	n CPCS-SDU size: acc. to IXIT um CPCS-SDU size: 0
	ATM Traffic Descriptor:	 PCR: acc. to IXIT Forward peak cell Backward peak ce SCR: acc. to IXIT Forward sustainal Backward sustainal MBS: acc. to IXIT Forward maximun 	ell rate (CLP=0+1) = 0 ple cell rate (CLP=0+1) able cell rate (CLP=0+1) = 0
	End point reference: ATM Traffic Descriptor:	 Any value except PCR: acc. to IXIT Forward peak cell Backward peak cell 	
	QoS: For ADD PARTY: End point reference For the ADD PARTY ACK End point reference	- Unspecified QoS	
Node-to-Node			
cross-reference			
Comments:	The ADD PARTY must us and mustn't be sent before		ence value as in the SETUP active state
Pre-test-condition:	En bloc sending is used		

1.2.4.1.1.5	Ref. to ETS 300	771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTM	B_ISDN/BCA/ CS2.1/PTMP/NCO/BSE	
Selection criteria:			
Test purpose:			one root and two leaves can be established of the third party is initiated while the first call is
Configuration:	Configuration 2		
Parameter values:	For SETUP: B-BC: End point reference: ATM Traffic Descriptor: QoS: For ADD PARTY: End point reference For the ADD PARTY ACK	Any value except 0 - PCR: acc. to IXIT - Forward peak cell - Backward peak ce - Unspecified QoS	rate (CLP=0+1) ell rate (CLP=0+1) = 0
N. I. d. N. I.	End point reference		
Node-to-Node			
cross-reference	TI. ADD DADTY :		of the OFTHD
Comments:	The ADD PARTY must use the same call reference value as in the SETUP and mustn't be sent before the first call is in the active state.		
Pre-test-condition:	En bloc sending is used.		

5.2.3.2 Unsuccessful Call Setup (UCS)/Bearer Services (BSE)

1.2.4.2.1.1	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY including an unas Connection (bearer class A) is released by the cause # 1	
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT:	
Nede to Nede	Cause value: - 1 (unassigned nu	mber)
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

1.2.4.2.1.2	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21] / clause 2, ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network cannot determine a route to this de ADD PARTY REJECT, cause # 3	
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT: Cause value: - 3 (no route to des	tination)
Node-to-Node	Cause value 3 (110 Toute to des	unation
cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

1.2.4.2.1.3	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network determines that the destination nun using an ADD PARTY REJECT, cause # 22	
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT: Cause value: - 22 (number chang	ged)
Node-to-Node cross-reference	,	
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

1.2.4.2.1.4	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network determines that the called party nur an ADD PARTY REJECT, cause # 28	
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT:	
	Cause value: - 28 (invalid number	er format/address incomplete)
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

1.2.4.2.1.5	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network determines that the requested user network using an ADD PARTY REJECT, cause	cell rate is not available is released by the
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT:	a not available)
Node-to-Node	Cause value: - 37 (user cell rate i	s not available)
cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

1.2.4.2.1.6	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network determines that the requested reso using an ADD PARTY REJECT, cause # 47	
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT:	
Node to Node	Cause value: - 47 (resource unav	vailable, unspecified)
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between the root and one leaf	

1.2.4.2.1.7	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network determines that the requested qual network using an ADD PARTY REJECT, cause	ity of service is unavailable is released by the
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT:	
	Cause value: - 49 (quality of serv	rice unavailable)
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

1.2.4.2.1.8	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/UCS/BSE	
Selection criteria:		
Test purpose:	To verify that an ADD PARTY sent in a Point to the network determines that the requested bear released by the network using an ADD PARTY	er capability is not presently available is
Configuration:	Configuration 2	
Parameter values:	For ADD PARTY: Called party number: - (acc. to IXIT) End point reference For ADD PARTY REJECT:	
	Cause value: - 58 (bearer capabil	lity not presently available)
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and one leaf

5.2.3.3 Normal Call Release (NCR)/Bearer services (BSE)

1.2.4.3.1.1	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/NCR/BSE	
Selection criteria:		
Test purpose:	To verify that a leaf of a Point to Multipoint Conr sending a RELEASE	nection (bearer class A) can drop itself by
Configuration:	Configuration 2	
Parameter values:	For RELEASE:	
	Cause: - normal call clearing	g
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and two leaves

1.2.4.3.1.2	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]		
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/NCR/BSE			
Selection criteria:				
Test purpose:	To verify that the root of a Point to Multipoint Co sending a DROP PARTY	To verify that the root of a Point to Multipoint Connection (bearer class A) can drop a leaf by sending a DROP PARTY		
Configuration:	Configuration 2	Configuration 2		
Parameter values:	For DROP PARTY: Cause: - normal call clearing Endpoint reference	ng		
Node-to-Node				
cross-reference				
Comments:				
Pre-test-condition:	A Point to Multipoint Connection exists between the root and two leaves			

1.2.4.3.1.3	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/NCR/BSE	
Selection criteria:		
Test purpose:	To verify that the root of a Point to Multipoint Co complete connection	onnection (bearer class A) can release the
Configuration:	Configuration 2	
Parameter values:	For RELEASE: Cause: - normal call clearing	ng
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between	the root and two leaves

1.2.4.3.1.4	Ref. to ETS 300 771-1 [3]	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/PTMP/NCR/BSE	
Selection criteria:		
Test purpose:	To verify that the root of a Point to Multipoint Co complete connection and the leaf in the ADD PA REJECT	onnection (bearer class A) can release the ARTY RECEIVED state receives a ADD PARTY
Configuration:	Configuration 2	
Parameter values:	For RELEASE: Cause: - normal call clearing	ng
Node-to-Node		
cross-reference		
Comments:		
Pre-test-condition:	A Point to Multipoint Connection exists between ADD PARTY RECEIVED state	the root and one leaf. The second leaf is in the

5.2.4 Bandwith Negotiation (BWN)

5.2.4.1 Normal Connection (NCO)/Bearer services (BSE)

1.2.5.1.1a	Ref. to EN 301 067-1 [22]		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWN/NCO/BSE			
Selection criteria:				
Test purpose:	parameters (Alternative A class A		Set 2.1 parameters and Bandwith negotiation can be established successfully using bearer	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:		oping, ction configuration: point-to-point: 00	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)		
	Alternative ATM Traffic De	Pescriptor:		
		 PCR: acc. to IXIT 		
		 Forward peak cell 		
		 Backward peak ce 		
	QoS: For Connect:	- Unspecified QoS	class	
	ATM Traffic Descriptor:	 Values of the ATM message 	I Traffic Descriptor included in the SETUP	
Node-to-Node cross-reference				
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	En bloc sending is used			

1.2.5.1.1b	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/NCO/BSE		
Selection criteria:				
Test purpose:			Set 2.1 parameters and Bandwith negotiation can be established successfully using bearer	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA, - BTC: 000 0111 - Susceptible to clip - User plane conne	pping, ction configuration: point-to-point: 00	
	ATM Traffic Descriptor:			
	Alternative ATM Traffic Do	tive ATM Traffic Descriptor:		
		- PCR: acc. to IXIT		
		- Forward peak cell rate (CLP=0+1)		
		- Backward peak ce	ell rate (CLP=0+1)	
	QoS:	- Unspecified QoS	class	
	For Connect:			
	ATM Traffic Descriptor:	 Values of the alter SETUP message 	rnative ATM Traffic Descriptor included in the	
Node-to-Node				
cross-reference				
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	En bloc sending is used			

1.2.5.1.2a	Ref. to EN 301 067-1 [22]		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]
TSS reference:	B_ISDN/BCA/ CS2.1/BWN/NCO/BSE		
Selection criteria:			
Test purpose:			Set 2.1 parameters and Bandwith negotiation can be established successfully using bearer
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC: AAL Parameters:	- BCOBC, - BTC: 000 1001 - Not susceptible to - User plane connection - AAL type 5	clipping, ction configuration: point-to-point: 00
		 Forward maximun Backward maximu SSCS-type 	n CPCS-SDU size: acc. to IXIT um CPCS-SDU size: acc. to IXIT
	ATM Traffic Descriptor:	Backward sustainMBS: acc. to IXITForward maximun	ell rate (CLP=0+1) ple cell rate (CLP=0) able cell rate (CLP=0)
	QoS: For Connect: ATM Traffic Descriptor:	Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0) - Backward sustainable cell rate (CLP=0) - MBS: acc. to IXIT - Forward maximum burst size (CLP=0) - Backward maximum burst size (CLP=0) - Backward maximum burst size (CLP=0) - Unspecified QoS class - Values of the ATM Traffic Descriptor included in the SETUP message	
Node-to-Node cross-reference			
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested		
Pre-test-condition:	En bloc sending is used		

1.2.5.1.2b	Ref. to EN 301 067-1 [22]		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	V/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Alternative ATM Traffic Descriptor) can be established successfully using bearer class C			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC: AAL Parameters:	 BCOBC, BTC: 000 1001 Not susceptible to clipping, User plane connection configuration: point-to-point: 00 AAL type 5 		
		 Forward maximun Backward maximu SSCS-type 	n CPCS-SDU size: acc. to IXIT um CPCS-SDU size: acc. to IXIT	
	ATM Traffic Descriptor:	r: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0) - Backward sustainable cell rate (CLP=0) - MBS: acc. to IXIT - Forward maximum burst size (CLP=0) - Backward maximum burst size (CLP=0)		
	QoS: For Connect: ATM Traffic Descriptor:	Pescriptor: PCR: acc. to IXIT Forward peak cell rate (CLP=0+1) Backward peak cell rate (CLP=0+1) SCR: acc. to IXIT Forward sustainable cell rate (CLP=0) Backward sustainable cell rate (CLP=0) MBS: acc. to IXIT Forward maximum burst size (CLP=0) Backward maximum burst size (CLP=0) Unspecified QoS class Values of the alternative ATM Traffic Descriptor included in the SETUP message		
Node-to-Node cross-reference				
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	En bloc sending is used			

1.2.5.1.3a	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1],	
T00	D 100N1/D0A/ 000 4/D\A/I	N/NOO/DOE	EN 301 068-1 [21], ETS 300 771-1 [3]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Alternative ATM Traffic Descriptor) can be established successfully using bearer			
	class A in a Point-to-multi	point configuration.		
Configuration:	Configuration 2			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA,		
		- BTC: 000 0111		
		- Susceptible to clip	pping.	
			ction configuration: point-to-multipoint: 01	
	End point reference: 0		5	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
	7 Trui Traino Bosonptor.	- Forward peak cell	rate (CLP-0+1)	
	Alternative ATM Traffic De	- Backward peak cell rate (CLP=0+1) = 0		
	Alternative A TWI Traine De	- PCR: acc. to IXIT		
			roto (CLD 0:1)	
		- Forward peak cell rate (CLP=0+1)		
		- Backward peak cell rate (CLP=0+1) = 0		
	QoS:	 Unspecified QoS 	Class	
	For CONNECT:			
	End point reference: 0			
	ATM Traffic Descriptor:	 Values of the ATM message 	I Traffic Descriptor included in the SETUP	
	For ADD PARTY:	3.2.2.3		
	End point reference: Any	value except 0		
Node-to-Node				
cross-reference				
Comments:	The alternative bandwidth requirements must be reduced compared to those originally			
	requested. The ADD PARTY must not be sent before the CONNECT is received			
Pre-test-condition:	En bloc sending is used			

1.2.5.1.3b	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], ETS 300 771-1 [3]	
TSS reference:	B_ISDN/BCA/CS2.1/BWN	J/NCO/RSE	EN 301 000-1 [21], E13 300 11 1-1 [3]	
Selection criteria:	B_13D1\/\BCA\C32.1/\B\\\1	W/NCO/DOL		
Test purpose:	To verify that a Pagia call	cupporting Capability	Set 2.1 parameters and Bandwith negotiation	
rest purpose.			can be established successfully using bearer	
	class A in a Point-to-multi		can be established successfully using bearer	
Configuration:	Configuration 2	point configuration		
Parameter values:	ŭ			
Parameter values:	For SETUP: B-BC:	- BCOBA		
	D-DC.			
		- BTC: 000 0111	nin a	
		- Susceptible to clip		
		- User plane conne	ction configuration: point-to-multipoint: 01	
	End point reference: 0			
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	(-1	
		 Forward peak cell 		
			ell rate ($CLP=0+1$) = 0	
	Alternative ATM Traffic Do	native ATM Traffic Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1)		
			ell rate (CLP=0+1) = 0	
	QoS:	 Unspecified QoS 	class	
	For CONNECT:			
	End point reference: 0			
	ATM Traffic Descriptor:	 or: - Values of the alternative ATM Traffic Descriptor included in SETUP message 		
	For ADD PARTY:	J		
	End point reference: Any	value except 0		
Node-to-Node	1	,		
cross-reference				
Comments:	The alternative bandwidth	requirements must be	e reduced compared to those originally	
	requested. The ADD PARTY must not be sent before the CONNECT is received			
Pre-test-condition:	En bloc sending is used			

1.2.5.1.4	Ref. to EN 301 067-1 [22]		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]		
TSS reference:	B_ISDN/BCA/ CS2.1/BW	B_ISDN/BCA/ CS2.1/BWN/NCO/BSE			
Selection criteria:					
Test purpose:	parameters can be establ	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters can be established successfully using bearer class A. Only the ATM traffic descriptor is included the SETUP at destination			
Configuration:	Configuration 1				
Parameter values:	For SETUP: B-BC:	- BCOBA - BTC: 000 0111 - Susceptible to clipping - User plane connection configuration: point-to-point: 00			
	ATM Traffic Descriptor:				
	Alternative ATM Traffic D QoS:	Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - Unspecified QoS class			
	For Connect: ATM Traffic Descriptor:	Values of the ATM Traffic Descriptor included in the SETUP message			
Node-to-Node cross-reference					
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested				
Pre-test-condition:	The network is not able to provide the traffic parameter values specified in the alternative ATM traffic descriptor. En bloc sending is used				

1.2.5.1.5	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	B_ISDN/BCA/ CS2.1/BWN/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters can be established successfully using bearer class A. Only the ATM traffic descriptor is included the SETUP with the contents of the alternative ATM traffic descriptor at destination			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: Alternative ATM Traffic Descriptor	 PCR: acc. to IXIT Forward peak cell Backward peak cescriptor: 	ction configuration: point-to-point: 00 rate (CLP=0+1)	
	QoS: For Connect: ATM Traffic Descriptor:	 PCR: acc. to IXIT Forward peak cell Backward peak ce Unspecified QoS Values of the ATM message 	ell rate (CLP=0+1)	
Node-to-Node cross-reference		<u> </u>		
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	The network is only able to provide the traffic parameter values specified in the alternative ATM traffic descriptor. En bloc sending is used			

1.2.5.1.6	Ref. to EN 301 067-1 [22]		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWN/NCO/BSE			
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Minimum acceptable ATM Traffic Descriptor) can be established successfully using bearer class A			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC:	- BCOBA - BTC: 000 0111 - Susceptible to clip - User plane conne	ping ction configuration: point-to-point: 00	
	ATM Traffic Descriptor:	 PCR: acc. to IXIT Forward peak cell rate (CLP=0+1) Backward peak cell rate (CLP=0+1) 		
	Minimum acceptable ATM			
	QoS: For Connect:			
	ATM Traffic Descriptor:			
Node-to-Node cross-reference				
Comments:	The peak cell rates indicated in the minimum acceptable ATM Traffic Descriptor shall be less than the corresponding PCR in the ATM Traffic Descriptor			
Pre-test-condition:	En bloc sending is used		•	

1.2.5.1.7	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Minimum acceptable ATM Traffic Descriptor) can be established successfully using bearer class A. Both the ATM traffic descriptor and the minimum ATM traffic descriptor are included in the SETUP at destination.			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC: ATM Traffic Descriptor: Minimum acceptable ATM QoS: For Connect: ATM Traffic Descriptor:	- PCR: acc. to IXIT - Forward peak cell - Backward peak cell Traffic Descriptor: - PCR: acc. to IXIT - Forward peak cell - Backward peak cell - Unspecified QoS of	rate (CLP=0+1) rate (CLP=0+1) rate (CLP=0+1) rate (CLP=0+1)	
	771111 Paulo Becompton		e ATM Traffic Descriptor included in the	
Node-to-Node cross-reference				
Comments:	The peak cell rates indicated in the minimum acceptable ATM Traffic Descriptor shall be less than the corresponding PCR in the ATM Traffic Descriptor. The contents of the ATM Traffic Descriptor is modified according to the Ability at the origination network			
Pre-test-condition:	The origination network is not able to support some of the PCR indicated in the ATM traffic descriptor but able to provide values smaller than the one indicated in the ATM traffic descriptor and bigger than the one indicated in the minimum acceptable ATM traffic descriptor. En bloc sending is used			

1.2.5.1.8	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]
TSS reference:	B_ISDN/BCA/ CS2.1/BW	N/NCO/BSE	ER 501 000 1 [21]
Selection criteria:	<u>D_10D14/D014</u>	TV/TOO/BOL	
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Minimum acceptable ATM Traffic Descriptor) can be established successfully using bearer class A. Only the ATM traffic descriptor is included in the SETUP with the contents of the minimum ATM traffic descriptor at destination.		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: Minimum acceptable ATM QoS:	 PCR: acc. to IXIT Forward peak cell Backward peak ce 	rate (CLP=0+1) rate (CLP=0+1) rate (CLP=0+1) rate (CLP=0+1)
	For Connect: ATM Traffic Descriptor:	•	Traffic Descriptor included in the SETUP
Node-to-Node			
cross-reference			
Comments:	The peak cell rates indicated in the minimum acceptable ATM Traffic Descriptor shall be less than the corresponding PCR in the ATM Traffic Descriptor.		
Pre-test-condition:	The network is not able to support some of the cell rates indicated in the ATM traffic descriptor but able to provide their corresponding cell rates in the minimum acceptable ATM traffic descriptor. En bloc sending is used.		

1.2.5.1.9	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	V/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Alternative ATM Traffic Descriptor) can be established successfully using bearer class A whereby the ATM Traffic Descriptor in the Connect is not sent by the destination user			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	BCOBABTC: 000 0111Susceptible to clipUser plane connection	ping ction configuration: point-to-point: 00	
	ATM Traffic Descriptor:			
	Alternative ATM Traffic De			
		- Forward peak cell	rate (CLP=0+1)	
		- Backward peak ce	ell rate (CLP=0+1)	
	QoS: For Connect:	- Unspecified QoS	class	
Node-to-Node	1 of Connect.			
cross-reference				
Comments:	The alternative handwidth requirements must be reduced compared to those originally			
Comments.	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	En bloc sending is used	·		

1.2.5.1.10	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Alternative ATM Traffic Descriptor) can be established successfully using bearer class C whereby the ATM Traffic Descriptor in the Connect is not sent by the destination user			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC:	- BCOBC - BTC: 000 1001 - Not susceptible to - User plane conne	clipping ction configuration: point-to-point: 00	
	AAL Parameters:		n CPCS-SDU size: acc. to IXIT um CPCS-SDU size: acc. to IXIT	
	ATM Traffic Descriptor:	riptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - SCR: acc. to IXIT - Forward sustainable cell rate (CLP=0) - Backward sustainable cell rate (CLP=0) - MBS: acc. to IXIT - Forward maximum burst size (CLP=0)		
	- Backward maximum burst size (CLP=0) Alternative ATM Traffic Descriptor: - PCR: acc. to IXIT			
	0.00	 Forward peak cell rate (CLP=0+1) Backward peak cell rate (CLP=0+1) SCR: acc. to IXIT Forward sustainable cell rate (CLP=0) Backward sustainable cell rate (CLP=0) MBS: acc. to IXIT Forward maximum burst size (CLP=0) Backward maximum burst size (CLP=0) 		
	QoS: For Connect:	- Unspecified QoS	class	
Node-to-Node cross-reference				
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	En bloc sending is used			

1.2.5.1.11	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], ETS 300 771-1 [3]	
TCC voference:	D ICDN/DCA/ CC2 4/DW/	J/NCO/DCE	EN 301 000-1 [21], E13 300 771-1 [3]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWN	N/NCO/BSE		
Selection criteria:				
Test purpose:		y that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation ters (Alternative ATM Traffic Descriptor) can be established successfully using bearer in a Point-to-multipoint configuration whereby the ATM Traffic Descriptor in the		
	class A in a Point-to-multip			
	Connect is not sent by the	destination user		
Configuration:	Configuration 2			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- BTC: 000 0111		
		- Susceptible to clip	pring	
			ction configuration: point-to-multipoint: 01	
	End point reference: 0		9 1	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT		
		- Forward peak cell	rate (CLP=0+1)	
			ell rate (CLP=0+1) = 0	
	Alternative ATM Traffic De			
	7	- PCR: acc. to IXIT		
		- Forward peak cell	rate (CLP=0+1)	
			ell rate (CLP=0+1) = 0	
	QoS:	- Unspecified QoS		
	For CONNECT:	Orispecifica Quo	51433	
	End point reference: 0			
	For ADD PARTY:			
		value avaant 0		
Node-to-Node	End point reference: Any	value except o		
cross-reference				
	The alternative handwidth	roquirom onto must be	a raduced compared to those originally	
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested. The ADD PARTY must not be sent before the CONNECT is received			
Description Prince	•	i i must not be sent t	DETOTE THE CONNECT IS received	
Pre-test-condition:	En bloc sending is used			

1.2.5.1.12	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]		
TSS reference:	B_ISDN/BCA/ CS2.1/BWN/NCO/BSE				
Selection criteria:					
Test purpose:	parameters can be establ descriptor is included the	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters can be established successfully using bearer class A. Only the ATM traffic descriptor is included the SETUP at destination. The ATM Traffic Descriptor in the Connect is not sent by the destination user			
Configuration:	Configuration 1				
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: Alternative ATM Traffic Descriptor: QoS: For Connect:	- BCOBA - BTC: 000 0111 - Susceptible to clipping - User plane connection configuration: point-to-point: 00 - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - Unspecified QoS class			
Node-to-Node					
cross-reference					
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested				
Pre-test-condition:		The network is not able to provide the traffic parameter values specified in the alternative ATM traffic descriptor. En bloc sending is used			

1.2.5.1.13	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BW	N/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters can be established successfully using bearer class A. Only the ATM traffic descriptor is included the SETUP with the contents of the alternative ATM traffic descriptor at destination. The ATM Traffic Descriptor in the Connect is not sent by the destination user			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	BCOBABTC: 000 0111Susceptible to clipUser plane conne	ping ction configuration: point-to-point: 00	
	ATM Traffic Descriptor:	- PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)		
	Alternative ATM Traffic Do	Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)		
	QoS: For Connect:	- Unspecified QoS		
Node-to-Node cross-reference				
Comments:	The alternative bandwidth requirements must be reduced compared to those originally requested			
Pre-test-condition:	The network is only able to provide the traffic parameter values specified in the alternative ATM traffic descriptor. En bloc sending is used			

1.2.5.1.14	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]	
TSS reference:	B_ISDN/BCA/ CS2.1/BW	N/NCO/BSE		
Selection criteria:				
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Minimum acceptable ATM Traffic Descriptor) can be established successfully using bearer class A whereby the ATM Traffic Descriptor in the Connect is not sent by the destination user			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BTC: 000 0111 - Susceptible to clipping - User plane connection configuration: point-to-point: 00		
	ATM Traffic Descriptor:	Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)		
	Minimum acceptable ATM Traffic Descriptor:			
	QoS: For Connect:	- PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - Unspecified QoS class		
Node-to-Node				
cross-reference				
Comments:	The peak cell rates indicated in the minimum acceptable ATM Traffic Descriptor shall be less than the corresponding PCR in the ATM Traffic Descriptor			
Pre-test-condition:	En bloc sending is used	_		

5.2.4.2 Unsuccessful Setup (UCS)/Bearer services (BSE)

1.2.5.2.1	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/UCS/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Alternative ATM Traffic Descriptor) using bearer class A is released by the destination user due to unavailable resources and the cause value #47 is transparently transported through the network		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	-BC: - BCOBA - BTC: 000 0111 - Susceptible to clipping - User plane connection configuration: point-to-point: 00	
	ATM Traffic Descriptor:	or: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)	
	Alternative ATM Traffic De	Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1)	
	QoS: - Unspecified QoS class For RELEASE COMPLETE: Cause: Resources not available, unspecified (#47)		
Node-to-Node cross-reference			
Comments:	The alternative bandwidth requested	requirements must be	e reduced compared to those originally
Pre-test-condition:	En bloc sending is used		

1.2.5.2.2	Ref. to EN 301		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	V/NCO/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Alternative ATM Traffic Descriptor) using bearer class C is released by the destination user due to unavailable resources and the cause value #47 is transparently transported through the network		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: AAL Parameters: ATM Traffic Descriptor: Alternative ATM Traffic Descriptor	- AAL type 5 - Forward maximum - Backward maximum - SSCS-type - PCR: acc. to IXIT - Forward peak cell - Backward peak cell - Backward sustainat - Backward sustainat - MBS: acc. to IXIT - Forward maximum - Backward maximum - Backward maximum - Backward peak cell - Forward peak cell - Backward peak cell - SCR: acc. to IXIT - Forward peak cell - SCR: acc. to IXIT - Forward sustainat	ction configuration: point-to-point: 00 In CPCS-SDU size: acc. to IXIT Im CPCS-SDU size: acc. to IXIT Irrate (CLP=0+1) Pell rate (CLP=0+1) In burst size (CLP=0) Im burst size (CLP=0) Irrate (CLP=0+1)
	QoS:	 Forward maximum Backward maximum Unspecified QoS of 	n burst size (CLP=0) um burst size (CLP=0) class
	For RELEASE COMPLETE: Cause: Resources not available, unspecified (#47)		47)
Node-to-Node cross-reference		and an opposition (if	,
Comments:	The alternative bandwidth requested	The alternative bandwidth requirements must be reduced compared to those originally	
Pre-test-condition:	En bloc sending is used		

1.2.5.2.3	Ref. to EN 301	067-1 [22]	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21]
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/NCO/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call supporting Capability Set 2.1 parameters and Bandwith negotiation parameters (Minimum acceptable ATM Traffic Descriptor) using bearer class A is released by the destination user due to unavailable resources and the cause value #47 is transparently transported through the network		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC: ATM Traffic Descriptor: Minimum acceptable ATM QoS:	PCR: acc. to IXITForward peak cellBackward peak ce	rate (CLP=0+1) rate (CLP=0+1) rate (CLP=0+1) rate (CLP=0+1)
	For RELEASE COMPLETE:		
	Cause: Resources not available, unspecified (#47)		
Node-to-Node			
cross-reference			
Comments:	The peak cell rates indicated in the minimum acceptable ATM Traffic Descriptor shall be less		
	than the corresponding PCR in the ATM Traffic Descriptor		
Pre-test-condition:	En bloc sending is used		

5.2.5 Bandwidth Modification (BWM)

5.2.5.1 Normal Connection (NCO)/Bearer Service (BSE)

1.2.6.1.1a	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE	
Selection criteria:		
Test purpose:	To verify that the PCRs (CLP=0+1) of a call/cor successfully increased. Confirmation of the mod	
Configuration:	Configuration 1	
Parameter values:	- Backward peak ce For MODIFY ACKNOWLEDGE:	I rate (CLP=0+1) > as in SETUP ell rate (CLP=0+1) > as in SETUP rmation (0000 0001)
Node-to-Node cross-reference		
Comments:	<u> </u>	
Pre-test-condition:	The connection according to 1.2.1.1.1 is already supported all through the network and the resource.	

1.2.6.1.1b	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]		
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE			
Selection criteria:				
Test purpose:		To verify that the PCRs (CLP=0+1) of a call/connection already in the active state can be successfully decreased. Confirmation of the modification is requested by the addressed user		
Configuration:	Configuration 1			
Parameter values:		rate (CLP=0+1) < as in SETUP ell rate (CLP=0+1) < as in SETUP rmation (0000 0001)		
Node-to-Node cross-reference				
Comments:				
Pre-test-condition:	The connection according to 1.2.1.1.1 is already supported all through the network and the resou			

1.2.6.1.2a	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that the PCRs (CLP=0+1) of a call/connection already in the active state can be successfully increased. Confirmation of the modification is not requested by the addressed user		
Configuration:	Configuration 1		
Parameter values:	For MODIFY REQUEST: ATM Traffic Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) > as in SETUP - Backward peak cell rate (CLP=0+1) > as in SETUP For MODIFY ACKNOWLEDGE:		
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	The connection according to 1.2.1.1.1 is already supported all through the network and the resou		

1.2.6.1.2b	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE	
Selection criteria:		
Test purpose:	To verify that the PCRs (CLP=0+1) of a call/cor successfully decreased. Confirmation of the mouser	
Configuration:	Configuration 1	
Parameter values:	For MODIFY REQUEST: ATM Traffic Descriptor: - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) < as in SETUP - Backward peak cell rate (CLP=0+1) < as in SETUP For MODIFY ACKNOWLEDGE:	
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	The connection according to 1.2.1.1.1 is already supported all through the network and the resource.	,

1.2.6.1.3a	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that the PCRs (CLP=0+1) of a call/connection already in the active state can be successfully increased for the forward and decreased for the backward direction. Confirmation of the modification is requested by the addressed user		
Configuration:	Configuration 1		
Parameter values:	- Backward peak ce For MODIFY ACKNOWLEDGE:	rate (CLP=0+1) > as in SETUP ell rate (CLP=0+1) < as in SETUP rmation (0000 0001)	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	The connection according to 1.2.1.1.1 is already supported all through the network and the resou		

1.2.6.1.3b	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that the PCRs (CLP=0+1) of a call/connection already in the active state can be successfully decreased for the forward and increased for the backward direction. Confirmation of the modification is requested by the addressed user		
Configuration:	Configuration 1		
Parameter values:	- Backward peak co	rate (CLP=0+1) < as in SETUP ell rate (CLP=0+1) > as in SETUP rmation (0000 0001)	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	The connection according to 1.2.1.1.1 is already supported all through the network and the resource.		

1.2.6.1.4a	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE	
Selection criteria:		
Test purpose:	To verify that the PCRs (CLP=0, CLP=0+1) of a be successfully increased. Confirmation of the r	
Configuration:	Configuration 1	
Parameter values:	- Backward peak cell - Forward peak cell - Backward peak cell For MODIFY ACKNOWLEDGE:	rate (CLP=0) > as in SETUP ell rate (CLP=0) > as in SETUP rate (CLP=0+1) > as in SETUP ell rate (CLP=0+1) > as in SETUP ell rate (CLP=0+1) > as in SETUP emation (0000 0001)
Node-to-Node cross-reference		
Comments:		
Pre-test-condition:	The connection according to 1.2.1.1.2 is already supported all through the network and the resource.	

1.2.6.1.4b	Ref. to EN 301 276-1 [23] / clause 1	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWM/NCO/BSE		
Selection criteria:			
Test purpose:	To verify that the PCRs (CLP=0, CLP=0+1) of a be successfully decreased. Confirmation of the user		
Configuration:	Configuration 1		
Parameter values:	- Backward peak cell - Forward peak cell - Backward peak cell For MODIFY ACKNOWLEDGE:	rate (CLP=0) < as in SETUP ell rate (CLP=0) < as in SETUP rate (CLP=0+1) < as in SETUP ell rate (CLP=0+1) < as in SETUP rmation (0000 0001)	
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:	The connection according to 1.2.1.1.2 is already supported all through the network and the resource.		

1.2.6.1.5a	Ref. to EN 301 276-1	[23] / clause 2	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/BWI	N/NCO/BSE	
Selection criteria:			
Test purpose:			IBS of a call/connection already in the active on of the modification is requested by the
Configuration:	Configuration 1		
Parameter values:	For MODIFY REQUEST: ATM Traffic Descriptor: For MODIFY ACKNOWLE Broadband Report Type: For CONNECTION AVAIL	 Backward peak ce SCR: acc. to IXIT Forward sustainal Backward sustain MBS: acc. to IXIT Forward maximun Backward maximun DGE: Modification confin 	rate (CLP=0+1) > as in SETUP ell rate (CLP=0+1) > as in SETUP ole cell rate (CLP=0+1) > as in SETUP able cell rate (CLP=0+1) > as in SETUP in burst size (CLP=0+1) > as in SETUP um burst size (CLP=0+1) > as in SETUP um burst size (CLP=0+1) > as in SETUP rmation (0000 0001)
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:			r established. The Modification Request is srces are available respectively

1.2.6.1.5b	Ref. to EN 301 276-1	[23] / clause 2	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/BWN	N/NCO/BSE	
Selection criteria:			
Test purpose:			IBS of a call/connection already in the active ion of the modification is requested by the
Configuration:	Configuration 1		
Parameter values:	For MODIFY REQUEST: ATM Traffic Descriptor: For MODIFY ACKNOWLE Broadband Report Type: For CONNECTION AVAIL	- Backward peak ce - SCR: acc. to IXIT - Forward sustainal - Backward sustainal - MBS: acc. to IXIT - Forward maximun - Backward maximun DGE: - Modification confil	rate (CLP=0+1) < as in SETUP ell rate (CLP=0+1) < as in SETUP ole cell rate (CLP=0+1) < as in SETUP able cell rate (CLP=0+1) < as in SETUP in burst size (CLP=0+1) < as in SETUP im burst size (CLP=0+1) < as in SETUP im burst size (CLP=0+1) < as in SETUP im burst size (CLP=0+1) < as in SETUP
Node-to-Node			
cross-reference			
Comments:			
Pre-test-condition:			restablished. The Modification Request is reces are available respectively

5.2.5.2 Unsuccessful Call Setup (UCS)/Bearer Services (BSE)

1.2.6.2.1	Ref. to EN 301 276-1 [23] / clause 1		Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]	
TSS reference:	B_ISDN/BCA/ CS2.1/BWM	B_ISDN/BCA/ CS2.1/BWM/UCS/BSE		
Selection criteria:				
Test purpose:	To verify that a call/connect request that included an		tive state after an unsuccessful Modification (CLP=0+1)	
Configuration:	Configuration 1			
Parameter values:	For MODIFY REQUEST: ATM Traffic Descriptor: For MODIFY REJECT: Cause value: # 63 *		rate (CLP=0+1) > as in SETUP ell rate (CLP=0+1) > as in SETUP	
Node-to-Node cross-reference				
Comments:		·		
Pre-test-condition:	The connection according to 1.2.1.1.1 is already established. The Modification Request is supported all through the network and the resources are available respectively			

1.2.6.1.2	Ref. to EN 301 276-1	[23] / clause 2	Other relevant ref.: EN 301 068-1 [21], ETS 300 443-1 [1]
TSS reference:	B_ISDN/BCA/ CS2.1/BWN	N/UCS/BSE	
Selection criteria:			
Test purpose:			tive state after an unsuccessful Modification (CLP=0+1), SCR and MBS
Configuration:	Configuration 1		
Parameter values:	For MODIFY REQUEST: ATM Traffic Descriptor: For MODIFY REJECT: Cause value: # 63	 Backward peak ce SCR: acc. to IXIT Forward sustainal Backward sustainal MBS: acc. to IXIT Forward maximum 	ole cell rate (CLP=0+1) > as in SETUP able cell rate (CLP=0+1) > as in SETUP
Node-to-Node cross-reference			
Comments:			
Pre-test-condition:			y established. The Modification Request is urces are available respectively

5.2.6 Available Bit Rate (ABR)

5.2.6.1 Normal Connection (NCO)/Bearer Service (BSE)

1.2.7.1.1	Ref. to EN 301 068-1	[21] / clause 3	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], EN 301 067-1 [22]
TSS reference:	B_ISDN/BCA/ CS2.1/ABR	/NCO/BSE	• •
Selection criteria:			
Test purpose:			ameters can be established successfully using
	bearer class C. AAL parar	neters are also preser	nt
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOB-C,	
		- BTC: 000 1100	allow to a
		- Not susceptible to	
	AAL Parameters:	- AAL type 5	ction configuration: point-to-point: 00
	AAL Falameters.		n CPCS-SDU size: acc. to IXIT
			Im CPCS-SDU size: acc. to IXIT
		- SSCS-type	111 Of OO ODO 6126. does to 1741
	ABR Setup Parameters:		al cell rate (CLP = 0+1): acc. to IXIT
	·		cell rate (CLP = 0+1): acc. to IXIT
		 Forward ABR tran 	sient buffer exposure : acc. to IXIT
			insient buffer exposure : acc. to IXIT
			ed round-trip time: acc. to IXIT
			ase factor: acc. to IXIT
		- Backward rate increase factor: acc. to IXIT	
			ease factor: acc. to IXIT
		- backward rate det	crease factor: acc. to IXIT
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	
		- Forward peak cell	rate (CLP=0+1)
		- Backward peak ce	
			mum cell rate (CLP=0+1): acc. to IXIT
			nimum cell rate (CLP=0+1): acc. to IXIT
	QoS:	 Unspecified QoS of 	class
	For CONNECT:	Forward ADD initio	ol coll rate (CLD = 0.11), and to IVIT
	ABR Setup Parameters:		al cell rate (CLP = 0+1): acc. to IXIT cell rate (CLP = 0+1): acc. to IXIT
			sient buffer exposure: acc. to IXIT
			Insient buffer exposure: acc. to IXIT
			red round-trip time: acc. to IXIT
			ase factor: acc. to IXIT
			rease factor: acc. to IXIT
			ease factor: acc. to IXIT
			crease factor: acc. to IXIT
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	(01.5 0.4)
		- Forward peak cell	
		- Backward peak ce	
			mum cell rate (CLP=0+1): acc. to IXIT nimum cell rate (CLP=0+1): acc. to IXIT
		- Dackward ABR MI	minum centate (CLP=U+1): acc. to txtt
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.7.1.2	Ref. to EN 301 068-1	[21] / clause 3	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], EN 301 067-1 [22]
TSS reference:	B_ISDN/BCA/ CS2.1/ABR/NCO/BSE		
Selection criteria:			
Test purpose:			rameters can be established successfully using
	bearer class C. AAL parar	neters are not present	t
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC: ABR Setup Parameters:	 Forward ABR initia Backw. ABR initia Forward ABR tran Backward ABR tran Cumulative RM fix Forward rate incres Backward rate decr Forward rate decr 	clipping ction configuration: point-to-point: 00 al cell rate (CLP = 0+1): acc. to IXIT I cell rate (CLP = 0+1): acc. to IXIT sient buffer exposure: acc. to IXIT ansient buffer exposure: acc. to IXIT ked round-trip time: acc. to IXIT crease factor: acc. to IXIT
	ATM Traffic Descriptor:		
	QoS: For CONNECT:	- Unspecified QoS	class
	ABR Setup Parameters:	 Backw. ABR initia Forward ABR tran Backward ABR tran Cumulative RM fix Forward rate incresion Backward rate decre 	al cell rate (CLP = 0+1): acc. to IXIT I cell rate (CLP = 0+1): acc. to IXIT Isient buffer exposure: acc. to IXIT Insient buffer exposure: acc. to IXIT Ixied round-trip time: acc. to IXIT Ixied rease factor: acc. to IXIT
	ATM Traffic Descriptor:		
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.7.1.3	Ref. to EN 301 068-1 [21] / clause 3		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], EN 301 067-1 [22]
TSS reference:	B_ISDN/BCA/ CS2.1/ABR	/NCO/BSE	
Selection criteria:			
Test purpose:	bearer class X. AAL parar		rameters can be established successfully using nt
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC: AAL Parameters:	 AAL type 5 Forward maximun 	ction configuration: point-to-point: 00 n CPCS-SDU size: acc. to IXIT
	ABR Setup Parameters:	 SSCS-type Forward ABR initia Backw. ABR initia Forward ABR tran Backward ABR tran Cumulative RM fix Forward rate incress Backward rate decre 	al cell rate (CLP = 0+1): acc. to IXIT I cell rate (CLP = 0+1): acc. to IXIT I cell rate (CLP = 0+1): acc. to IXIT Issient buffer exposure: acc. to IXIT Issient buffer exposure: acc. to IXIT Ixed round-trip time: acc. to IXIT Ixed rease factor: acc. to IXIT
	ATM Traffic Descriptor:	 PCR: acc. to IXIT Forward peak cell Backward peak ce Forward ABR min 	
	QoS: For CONNECT:	- Backward ABR m - Unspecified QoS	
	ABR Setup Parameters:	meters: - Forward ABR initial cell rate (CLP = 0+1): acc. to IXI - Backw. ABR initial cell rate (CLP = 0+1): acc. to IXIT - Forward ABR transient buffer exposure: acc. to IXIT - Backward ABR transient buffer exposure: acc. to IXI - Cumulative RM fixed round-trip time: acc. to IXIT - Forward rate increase factor: acc. to IXIT - Backward rate decrease factor: acc. to IXIT - Forward rate decrease factor: acc. to IXIT	
	ATM Traffic Descriptor:	 Backward rate dee PCR: acc. to IXIT Forward peak cell Backward peak ce Forward ABR min 	crease factor: acc. to IXIT rate (CLP=0+1)
Comments:			
Pre-test-condition:	En bloc sending is used		

1.2.7.1.4	Ref. to EN 301 068-1 [21] / clause 3		Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], EN 301 067-1 [22]
TSS reference:	B_ISDN/BCA/ CS2.1/ABR	/NCO/BSE	
Selection criteria:			
Test purpose:	bearer class X. AAL paran		ameters can be established successfully using
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC: ABR Setup Parameters:	 Forward ABR initial 	ction configuration: point-to-point: 00 al cell rate (CLP = 0+1): acc. to IXIT
		 Backw. ABR initial cell rate (CLP = 0+1): acc. to IXIT Forward ABR transient buffer exposure: acc. to IXIT Backward ABR transient buffer exposure: acc. to IXIT Cumulative RM fixed round-trip time: acc. to IXIT Forward rate increase factor: acc. to IXIT Backward rate increase factor: acc. to IXIT Forward rate decrease factor: acc. to IXIT Backward rate decrease factor: acc. to IXIT PCR: acc. to IXIT Forward peak cell rate (CLP=0+1) Backward peak cell rate (CLP=0+1) Forward ABR minimum cell rate (CLP=0+1): acc. to IXIT Backward ABR minimum cell rate (CLP=0+1): acc. to IXIT 	
	ATM Traffic Descriptor:		
	QoS: For CONNECT:	- Unspecified QoS	class
	ABR Setup Parameters:	 Backw. ABR initial Forward ABR tran Backward ABR tran Cumulative RM fix Forward rate incre Backward rate decre 	al cell rate (CLP = 0+1): acc. to IXIT I cell rate (CLP = 0+1): acc. to IXIT sient buffer exposure: acc. to IXIT ansient buffer exposure: acc. to IXIT ted round-trip time: acc. to IXIT tease factor: acc. to IXIT rease factor: acc. to IXIT tease factor: acc. to IXIT tease factor: acc. to IXIT tease factor: acc. to IXIT terease factor: acc. to IXIT
	ATM Traffic Descriptor:		
Commenter	_		
Comments:	En bloo conding is a		
Pre-test-condition:	En bloc sending is used		

5.2.6.2 Unsuccessful Call Setup (UCS)/Bearer Services (BSE)

1.2.7.2.1	Ref. to EN 301 068-1	[21] / clause 3	Other relevant ref.: ETS 300 443-1 [1], EN 301 068-1 [21], EN 301 067-1 [22]
TSS reference:	B_ISDN/BCA/ CS2.1/ABR	/UCS/BSE	
Selection criteria:			
Test purpose:	To verify that a Basic call	that includes ABR par	ameters using bearer class C is released by
	the destination user with F	Release, cause #47	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		·
	B-BC:	- BCOB-C,	
		- BTC: 000 1100	
		 Not susceptible to 	
			ction configuration: point-to-point: 00
	AAL Parameters:	- AAL type 5	
			n CPCS-SDU size: acc. to IXIT
			um CPCS-SDU size: acc. to IXIT
		 SSCS-type 	
	ABR Setup Parameters:		al cell rate (CLP = 0+1): acc. to IXIT
			I cell rate (CLP = 0+1): acc. to IXIT
			sient buffer exposure: acc. to IXIT
			ansient buffer exposure: acc. to IXIT
		- Cumulative RM fixed round-trip time: acc. to IXIT	
			ease factor: acc. to IXIT
			rease factor: acc. to IXIT
			ease factor: acc. to IXIT
			crease factor: acc. to IXIT
	ATM Traffic Descriptor:	- PCR: acc. to IXIT	(-1
		- Forward peak cell	
		- Backward peak ce	
			imum cell rate (CLP=0+1): acc. to IXIT
			inimum cell rate (CLP=0+1): acc. to IXIT
	QoS:	- Unspecified QoS	class
Comments:			
Pre-test-condition:	The destination user is no	t able to provide the F	PCR with a value greater than or equal to MCR
i io toot oonanion.	requested by the originating		or with a value greater than or equal to work

5.3 Interworking of B-ISDN with N-ISDN (IW)

5.3.1 Basic Call (BCA)

5.3.1.1 B-ISDN to N-ISDN Calls (BNC)/Normal Connection (NCO)

2.1.1.1.1a/b	Ref. to ETS 300 443- annex E clau		Other relevant ref.:
TSS reference:	B_ISDN/IW/BCA/BNC/NC	0	
Selection criteria:			
Test purpose:	between B-ISDN (originate		Hz audio) can be established successfully
Configuration:	Configuration 3		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: QoS: a) B-SCI:	- AAL type 1 - Equal to 64 kbit/s - BCOBA - Susceptible to clip - 3,1 kHz Audio - Circuit mode - 64 kbit/s - A-law - Unspecified QoS	
Node-to-Node cross-reference			
Comments:	3,1 kHz audio call from E		
Pre-test-condition:	a) En bloc sending is usedb) Overlap sending is usedThe called party answers	d. (This test only, if B-	ISUP also supports overlap sending) by CONNECT message.

2.1.1.1.2	Ref. to ETS 300 443-	1 [1] / clause 6 /	Other relevant ref.:
2.1.1.1.2	annex E clau		Other relevant ren.
TSS reference:	B_ISDN/IW/BCA/BNC/NC	O	
Selection criteria:			
Test purpose:	To verify that a call for an successfully between B-IS		stricted digital information) can be established I-ISDN
Configuration:	Configuration 3		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: QoS: B-SCI	- AAL type 1 - Equal to 64 kbit/s - BCOBA - Susceptible to clip - UDI - Circuit mode - 64 kbit/s - Unspecified QoS	
Node-to-Node			
cross-reference			
Comments:	Unrestricted digital information call from B-ISDN to N-ISDN		
Pre-test-condition:	En bloc sending is used.		
	The called party answers	with ALERT followed I	by CONNECT message

2.1.1.1.3	Ref. to ETS 300 443-	1 [1] / clause 6 /	Other relevant ref.:	
	annex E clau	rse E.2.3		
TSS reference:	B_ISDN/IW/BCA/BNC/NC	O		
Selection criteria:				
Test purpose:	To verify that a call for an N-ISDN service (telephony) can be established successfully between			
	B-ISDN (originator) and N-ISDN.			
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	B-BC:	- BCOBA		
		 Susceptible to clip 	ping	
	N-BC:	- Speech		
		 Circuit mode 		
		- 64 kbit/s		
		- A-law		
	N-HLC:	- Telephony		
	QoS:	 Unspecified QoS 	class	
	B-SCI:			
Node-to-Node				
cross-reference				
Comments:	Telephony call from B-ISDN to N-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answers with ALERT followed by CONNECT message.			

2.1.1.1.4	Ref. to ETS 300 443	3-1 [1] / clause 6 /	Other relevant ref.:		
	annex E clause E.2.4				
TSS reference:	B_ISDN/IW/BCA/BNC/NCO				
Selection criteria:					
Test purpose:	To verify that a call for an N-ISDN service (videotelephony/first call) can be established				
	successfully between B-ISDN (originator) and N-ISDN.				
Configuration:	Configuration 3				
Parameter values:	For SETUP:				
	AAL Parameters:	 AAL type 1 			
	ATM Traffic Descrip.:	 Equal to 64 kbit/s 			
	B-BC:	- BCOBA			
		Susceptible to clippingUDI T/A			
	N-BC:				
		 Circuit mode 			
		- 64 kbit/s			
		- ITU-T Recommendation H.221 [27] and H.242 [28]			
	N-HLC:	 Videotelephony 	deotelephony		
	QoS:	- Unspecified QoS	class		
	B-SCI:				
Node-to-Node					
cross-reference					
Comments:	Videotelephony call first call from B-ISDN to N-ISDN				
Pre-test-condition:	En bloc sending is used. The called party answers with ALERT followed by CONNECT message.				

2.1.1.1.5	Ref. to ETS 300 443-1 [1] / clause 6 /		Other relevant ref.: EG 201 018 [5]	
	annex	E		
TSS reference:	B_ISDN/IW/BCA/BNC/NC	0		
Selection criteria:				
Test purpose:	To verify that a call for an	N-ISDN service (video	otelephony/second call) can be established	
	successfully between B-IS	DN (originator) and N	-ISDN	
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	B-BC:	- BCOBA		
		 Susceptible to clip 	ping	
	N-BC:	- UDI		
		 Circuit mode 		
		- 64 kbit/s		
	N-HLC:	 Videotelephony 		
	QoS:	 Unspecified QoS of 	class	
	B-SCI:			
Node-to-Node cross-				
reference				
Comments:	Videotelephony call second call from B-ISDN to N-ISDN			
Pre-test-condition:	En bloc sending is used.	En bloc sending is used.		
	The called party answers	with ALERT followed b	by CONNECT message.	

2.1.1.1.6	Ref. to ETS 300 443- annex		Other relevant ref.: EG 201 018 [5]	
TSS reference:	B_ISDN/IW/BCA/BNC/NC	0		
Selection criteria:				
Test purpose:			ax G4) can be established successfully	
	between B-ISDN (originate	or) and N-ISDN.		
Configuration:	Configuration 3			
Parameter values:	For SETUP:	•		
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	B-BC:	- BCOBA		
		 Susceptible to clip 	ping	
	N-BC:	- UDI		
		- Circuit mode		
		- 64 kbit/s		
	N-HLC:	- Group 4 class 1 fa	csimile	
	N-LLC:	 acc. ETR 018 [31] 		
	QoS:	 Unspecified QoS of 	class	
	B-SCI:			
Node-to-Node cross-				
reference				
Comments:	Telefax Group 4 call from B-ISDN to N-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answers	with ALERT followed I	by CONNECT message.	

2.1.1.1.7	Ref. to ETS 300 443-	1 [1] / clause 6 /	Other relevant ref.: EG 201 018 [5]
	annex	E	
TSS reference:	B_ISDN/IW/BCA/BNC/NC	0	
Selection criteria:			
Test purpose:	To verify that a call for an between B-ISDN (originat		phony 7 kHz) can be established successfully
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	N-BC:	- UDI T/A	
		 Circuit mode 	
		- 64 kbit/s	
		- ITU-T Recommen	dation H.221 [27] and H.242 [28]
	N-HLC:	- Telephony	
	QoS:	 Unspecified QoS of 	class
	B-SCI:	•	
Node-to-Node			
cross-reference			
Comments:	Telephony 7 kHz call from B-ISDN to N-ISDN		
Pre-test-condition:	En bloc sending is used.		
	The called party answers	with ALERT followed b	by CONNECT message.

2.1.1.1.8	Ref. to ETS 300 443- annex		Other relevant ref.: EG 201 018 [5]
TSS reference:	B_ISDN/IW/BCA/BNC/NC	O	
Selection criteria:			
Test purpose:	To verify that a call for an between B-ISDN (originat		mile group 2/3) can be established successfully
Configuration:	Configuration 3		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: N-HLC: QoS: B-SCI:	- AAL type 1 - Equal to 64 kbit/s - BCOBA - Susceptible to clip - 3,1 kHz audio - Circuit mode - 64 kbit/s, A-law - Facsimile Group 2 - Unspecified QoS 6	2/3
Node-to-Node cross-reference			
Comments:	Facsimile Group 2/3 call from B-ISDN to N-ISDN		
Pre-test-condition:	En bloc sending is used. The called party answers	with ALERT followed I	by CONNECT message.

5.3.1.2 B-ISDN to N-ISDN Calls (BNC)/Unsuccessful Call Setup (UCS)

2.1.1.2.1	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]	
TSS reference:	B_ISDN/IW/BCA/BNC/UC	CS		
Selection criteria:				
Test purpose:	To verify that a Basic call number is dialled.	will be released succes	ssfully using cause # 1 when an unallocated	
Configuration:	Configuration 3			
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: QoS: B-SCI:	 - AAL type 1 - Equal to 64 kbit/s - BCOBA - Susceptible to clipp - UDI - Circuit mode - 64 kbit/s - Unspecified QoS of 		
Node-to-Node cross-reference				
Comments:	Mapping of cause value #1 (unallocated number) from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used.			

2.1.1.2.2	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	S	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succes	ssfully using cause # 3 when there is no route
	to destination.		
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	B-BC:	- BCOBA	
		- Susceptible to clipp	ping
	N-BC:	- UDI	
		 Circuit mode 	
		 64 kbit/s 	
	QoS:	 Unspecified QoS c 	lass
	B-SCI:		
Node-to-Node			
cross-reference			
Comments:	Mapping of cause value #3 (no route to destination) from N-ISDN to B-ISDN		
Pre-test-condition:	En bloc sending is used		

2.1.1.2.3	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	S	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	ssfully using cause # 17 if the called party is
	busy		
Configuration:	Configuration 3		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: QoS: B-SCI:	- AAL type 1 - Equal to 64 kbit/s - BCOBA - Susceptible to clip - UDI - Circuit mode - 64 kbit/s - Unspecified QoS of	
Node-to-Node cross-reference			
Comments:	Mapping of cause value #17 (user busy) from N-ISDN to B-ISDN		
Pre-test-condition:	En bloc sending is used	-	

2.1.1.2.4	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	S	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	ssfully using cause # 18 if there is no response
	from the called party		
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	N-BC:	- UDI	
		 Circuit mode 	
		- 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	B-SCI:		
Node-to-Node			
cross-reference			
Comments:	Mapping of cause value	#18 (no user respon	ding) from N-ISDN to B-ISDN
Pre-test-condition:	En bloc sending is used		

2.1.1.2.5	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	CS	
Selection criteria:			
Test purpose:			ssfully using cause # 19 when the T9/Q.764 or
	the local network timer T	301 expired	
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL for voice 	
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	B-BC:	- BĊOBA	
		- Susceptible to clip	ping
	N-BC:	- Speech	. •
		 Circuit mode 	
		- 64 kbit/s	
		- A-law	
	N-HLC:	- Telephony	
	QoS:	- Unspecified QoS of	class
	B-SCI:	·	
Node-to-Node			
cross-reference			
Comments:			user (user alerted)) from N-ISDN to B-ISDN
Pre-test-condition:			ALERT but no CONNECT or RELEASE and a
	"wait for answer"-network	timer expires	

2.1.1.2.6	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	CS	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	ssfully and that the cause # 21 is transported
	transparently		
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	N-BC:	- UDI	
		 Circuit mode 	
		- 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	B-SCI:		
Node-to-Node		•	
cross-reference			
Comments:	Mapping of cause value	#21 (call rejected) fro	om N-ISDN to B-ISDN
Pre-test-condition:	En bloc sending is used.	The called party rejects	s the call with RELEASE COMPLETE

2.1.1.2.7	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]	
TSS reference:	B_ISDN/IW/BCA/BNC/UC	S		
Selection criteria:				
Test purpose:	To verify that a Basic call	will be released succes	ssfully using cause # 22 when the dialled	
	number has changed			
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	N-BC:	- UDI		
		 Circuit mode 		
		- 64 kbit/s		
	QoS:	 Unspecified QoS of 	class	
	B-SCI:			
Node-to-Node				
cross-reference				
Comments:	Mapping of cause value #22 (number changed) from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used			

2.1.1.2.8	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	S	
Selection criteria:			
Test purpose:	To verify that a Basic call number was incomplete	will be released succe	ssfully using cause # 28 when the dialled
Configuration:	Configuration 3		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: QoS: B-SCI:	- AAL type 1 - Equal to 64 kbit/s - BCOBA - Susceptible to clip - UDI - Circuit mode - 64 kbit/s - Unspecified QoS of	· •
Node-to-Node cross-reference			
Comments:	Mapping of cause value to B-ISDN	#28 (invalid number	format (address incomplete)) from N-ISDN
Pre-test-condition:	En bloc sending is used		

2.1.1.2.9	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/UC	S	
Selection criteria:			
Test purpose:	To verify that a Basic call	will be released succe	ssfully and that the cause # 88 is transported
	transparently		
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	N-BC:	- UDI	
		 Circuit mode 	
		- 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	B-SCI:		
Node-to-Node			
cross-reference			
Comments:	Mapping of cause value	#88 (incompatible de	estination) from N-ISDN to B-ISDN
Pre-test-condition:	En bloc sending is used. T	he called party is inco	ompatible and answers with RELEASE

5.3.1.3 B-ISDN to N-ISDN Calls (BNC)/Normal Call Release (NCR)

2.1.1.3.1	Ref. to ETS 300 443-1	[1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/NC	R	
Selection criteria:			
Test purpose:	To verify that the calling p	arty can release the ca	all successfully before answer and that the
	cause #16 is transported t	transparently	·
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL for voice 	
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	N-BC:	- Speech	
		 Circuit mode 	
		- 64 kbit/s	
		- A-law	
	N-HLC:	 Telephony 	
	QoS:	 Unspecified QoS of 	class
	B-SCI:		
Node-to-Node		·	
cross-reference			
Comments:	Mapping of cause value	#16 (normal call clea	ring) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used. RELEASE after receiving		ers with ALERT. The calling party sends a

2.1.1.3.2	Ref. to ETS 300 443-1	[1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/BNC/NC	R	
Selection criteria:			
Test purpose:	To verify that the calling page	arty can release the ca	all successfully after answer and that the
	cause #16 is transported t	ransparently	
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL for voice 	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	N-BC:	- Speech	
		 Circuit mode 	
		- 64 kbit/s	
		- A-law	
	N-HLC:	- Telephony	
	QoS:	 Unspecified QoS of 	class
	B-SCI:		
Node-to-Node			
cross-reference			
Comments:	Mapping of cause value #16 (normal call clearing) from B-ISDN to N-ISDN		
Pre-test-condition:			ers with ALERT and CONNECT. The calling
	party sends a RELEASE a	after receiving a CONN	NECT

2.1.1.3.3	Ref. to ETS 300 443-1	[1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]	
TSS reference:	B_ISDN/IW/BCA/BNC/NO	CR		
Selection criteria:				
Test purpose:		To verify that the called party can release the call successfully after answer and that the cause #16 is transported transparently		
Configuration:	Configuration 3			
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: N-BC: N-HLC: QoS: B-SCI:			
Node-to-Node cross-reference				
Comments:	Mapping of cause value #16 (normal call clearing) from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used. DISCONNECT	The called party answe	ers with ALERT and CONNECT followed by a	

5.3.1.4 N-ISDN to B-ISDN Calls (NBC)/Normal Connection (NCO)

2.1.2.1.1	Ref. to ETS 300 443-1 [1] / clause 6 / annex E clause E.3.1	Other relevant ref.:
TSS reference:	B_ISDN/IW/BCA/NBC/NCO	
Selection criteria:		
Test purpose:	To verify that an N-ISDN call (3,1 kHz audio) ca (originator) and B-ISDN.	n be established successfully between N-ISDN
Configuration:	Configuration 3	
Parameter values:	For SETUP: BC: - 3,1 kHz Audio - Circuit mode - 64 kbit/s - A-law	
Node-to-Node cross-reference		
Comments:	3.1 kHz audio call from N-ISDN to B-ISDN	
Pre-test-condition:	En bloc sending is used. The called party answers with ALERT followed I	by CONNECT message.

2.1.2.1.2	Ref. to ETS 300 443-1 [1] / clause 6 /	Other relevant ref.:		
	annex E clause E.3.1			
TSS reference:	B_ISDN/IW/BCA/NBC/NCO			
Selection criteria:				
Test purpose:	To verify that an N-ISDN call (unrestricted digital between N-ISDN (originator) and B-ISDN	To verify that an N-ISDN call (unrestricted digital information) can be established successfully between N-ISDN (originator) and B-ISDN		
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	BC: - UDI			
	- Circuit mode			
	- 64 kbit/s			
Node-to-Node cross-reference				
Comments:	Unrestricted digital information call from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answers with ALERT followed by	by CONNECT message.		

2.1.2.1.3		443-1 [1] / clause 6 /	Other relevant ref.:	
	annex E	clause E.3.2		
TSS reference:	B_ISDN/IW/BCA/NB	B_ISDN/IW/BCA/NBC/NCO		
Selection criteria:				
Test purpose:	To verify that an N-IS (originator) and B-ISI		established successfully between N-ISDN	
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	BC:	- Speech		
		 Circuit mode 		
		- 64 kbit/s		
		- A-Law		
	HLC:	- Telephony		
Node-to-Node				
cross-reference				
Comments:	Telephony call from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answ	vers with ALERT followed by	by CONNECT message.	

2.1.2.1.4	Ref. to ETS 300 443-1 [1] / clause 6 /	Other relevant ref.:	
	annex E clause	E.3.4		
TSS reference:	B_ISDN/IW/BCA/NBC/NCO			
Selection criteria:				
Test purpose:		To verify that an N-ISDN call (videotelephony/first call) can be established successfully between N-ISDN (originator) and B-ISDN		
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	BC: -	UDI T/A		
	-	Circuit mode		
		64 kbit/s		
	 ITU-T Recommendation H.221 [27] and H.242 [28] 			
	HLC: -	Videotelephony		
Node-to-Node cross-reference				
Comments:	Videotelephony call first call from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answers with	ALERT followed	by CONNECT message.	

2.1.2.1.5	Ref. to ETS 300 443-1 [1] / clause 6 /	Other relevant ref.: EG 201 018 [5]		
	annex E			
TSS reference:	B_ISDN/IW/BCA/NBC/NCO	B_ISDN/IW/BCA/NBC/NCO		
Selection criteria:				
Test purpose:	To verify that an N-ISDN call (videotelephony/sebetween N-ISDN (originator) and B-ISDN	econd call) can be established successfully		
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	BC: - UDI			
	- Circuit mode			
	- 64 kbit/s			
	HLC: - Videotelephony			
Node-to-Node cross-reference				
Comments:	Videotelephony call second call from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answers with ALERT followed by	by CONNECT message.		

2.1.2.1.6	Ref. to ETS 300 4	43-1 [1] / clause 6 /	Other relevant ref.: EG 201 018 [5]
		ex E	
TSS reference:	B_ISDN/IW/BCA/NBC/	NCO	
Selection criteria:			
Test purpose:	To verify that an N-ISD (originator) and B-ISDN		e established successfully between N-ISDN
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	BC:	- UDI	
		 Circuit mode 	
		- 64 kbit/s	
	HLC:	- Group 4 class 1 fa	
	LLC:	 acc. ETR 018 [31] 	clause 7.3.2.1
Node-to-Node			
cross-reference			
Comments:	Telefax Group 4 call from N-ISDN to B-ISDN		
Pre-test-condition:	En bloc sending is use The called party answe	d. ers with ALERT followed	by CONNECT message.

2.1.2.1.7	Ref. to ETS 300 443	3-1 [1] / clause 6 /	Other relevant ref.: EG 201 018 [5]	
	anne	хE		
TSS reference:	B_ISDN/IW/BCA/NBC/N	CO		
Selection criteria:				
Test purpose:		To verify that an N-ISDN call (telephony 7 kHz) can be established successfully between N-ISDN (originator) and B-ISDN		
Configuration:	Configuration 3			
Parameter values:	For SETUP:			
	BC:	- UDI T/A		
		 Circuit mode 		
		- 64 kbit/s		
	- ITU-T Recommendation H.221 [27] and H.242 [28]			
	HLC:	 Telephony 		
Node-to-Node cross-reference				
Comments:	Telephony 7 kHz call from N-ISDN to B-ISDN			
Pre-test-condition:	En bloc sending is used.			
	The called party answers	s with ALERT followed I	by CONNECT message.	

2.1.2.1.8	Ref. to ETS 300	443-1 [1] / clause 6 /	Other relevant ref.: EG 201 018 [5]
	а	nnex E	
TSS reference:	B_ISDN/IW/BCA/NB	C/NCO	
Selection criteria:			
Test purpose:	To verify that an N-ISISDN (originator) and		(3) can be established successfully between N-
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	BC:	- 3,1 kHz audio	
		 Circuit mode 	
		- 64 kbit/s	
		- A-law	
	HLC:	 Facsimile Group 2 	2/3
Node-to-Node			
cross-reference			
Comments:	Facsimile Group 2/	3 call from N-ISDN to B-IS	DN
Pre-test-condition:	En bloc sending is used.		
	The called party ans	wers with ALERT followed	by CONNECT message.

5.3.1.5 N-ISDN to B-ISDN Calls (NBC)/Unsuccessful Call Setup (UCS)

2.1.22.1	Ref. to ETS 300 443-1 [1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS	
Selection criteria:		
Test purpose:	To verify that a Basic call will be released succes number is dialled	ssfully using cause # 1 when an unallocated
Configuration:	Configuration 3	
Parameter values:	For SETUP: BC: - UDI - Circuit mode - 64 kbit/s	
Node-to-Node cross-reference		
Comments:	Mapping of cause value #1 (unallocated number	per) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used.	

2.1.2.2.2	Ref. to ETS 300 443-1 [1] / clause 6.4.5 Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS
Selection criteria:	
Test purpose:	To verify that a Basic call will be released successfully using cause # 3 when there is no route to destination
Configuration:	Configuration 3
Parameter values:	For SETUP:
	BC: - UDI
	- Circuit mode
	- 64 kbit/s
Node-to-Node	
cross-reference	
Comments:	Mapping of cause value #3 (no route to destination) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used

2.1.2.2.3	Ref. to ETS 300 443-1 [1] / clause 6.4.5 Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS
Selection criteria:	
Test purpose:	To verify that a Basic call will be released successfully using cause # 17 if the called party is busy
Configuration:	Configuration 3
Parameter values:	For SETUP: BC: - UDI - Circuit mode - 64 kbit/s
Node-to-Node cross-reference	
Comments:	Mapping of cause value #17 (user busy) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used

2.1.2.2.4	Ref. to ETS 300 443-1 [1] / clause 6.4.5 Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS
Selection criteria:	
Test purpose:	To verify that a Basic call will be released successfully using cause # 18 if there is no response
	from the called party
Configuration:	Configuration 3
Parameter values:	For SETUP:
	BC: - UDI
	- Circuit mode
	- 64 kbit/s
Node-to-Node	
cross-reference	
Comments:	Mapping of cause value #18 (no user responding) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used

2.1.2.2.5	Ref. to ETS 300 443-1 [1] /	clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS		
Selection criteria:			
Test purpose:	To verify that a Basic call will b the local network timer T 301 e		ssfully using cause # 19 when the T9/Q.764 or
Configuration:	Configuration 3		
Parameter values:	- C - 6 - A	peech ircuit mode 4 kbit/s -Law elephony	
Node-to-Node cross-reference			
Comments:			user (user alerted)) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used. The culture in the sending is used. The culture is wait for answer"-network timer	alled party sends expires	ALERT but no CONNECT or RELEASE and a

2.1.2.2.6	Ref. to ETS 300 443-1 [1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]	
TSS reference:	B_ISDN/IW/BCA/NBC/UCS	-	
Selection criteria:			
Test purpose:	To verify that a Basic call will be released succe transparently	essfully and that the cause # 21 is transported	
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	BC: - UDI		
	- Circuit mode		
	- 64 kbit/s		
Node-to-Node cross-reference			
Comments:	Mapping of cause value #21 (call rejected) from	om B-ISDN to N-ISDN	
Pre-test-condition:	En bloc sending is used. The called party rejects the call with RELEASE COMPLETE		

2.1.2.2.7	Ref. to ETS 300 443-1 [1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS	
Selection criteria:		
Test purpose:	To verify that a Basic call will be released succe number has changed	essfully using cause # 22 when the dialled
Configuration:	Configuration 3	
Parameter values:	For SETUP:	
	BC: - UDI	
	- Circuit mode	
	- 64 kbit/s	
Node-to-Node		
cross-reference		
Comments:	Mapping of cause value #22 (number change	ed) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used	

2.1.2.2.8	Ref. to ETS 300 443-1 [1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]		
TSS reference:	B_ISDN/IW/BCA/NBC/UCS	B_ISDN/IW/BCA/NBC/UCS		
Selection criteria:				
Test purpose:	To verify that a Basic call will be released successfully using cause # 28 when the dialled number was incomplete			
Configuration:	Configuration 3			
Parameter values:	For SETUP: BC: - UDI - Circuit mode - 64 kbit/s			
Node-to-Node cross-reference				
Comments:	Mapping of cause value #28 (invalid number to N-ISDN	format (address incomplete)) from B-ISDN		
Pre-test-condition:	En bloc sending is used			

2.1.2.2.9	Ref. to ETS 300 443-1 [1]	/ clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NBC/UCS		
Selection criteria:			
Test purpose:	To verify that a Basic call will I transparently	be released succe	ssfully and that the cause # 88 is transported
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	BC:	UDI	
	- 0	Circuit mode	
	- (64 kbit/s	
Node-to-Node			
cross-reference			
Comments:	Mapping of cause value #88	(incompatible de	estination) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is used. The COMPLETE	called party is inco	mpatible and answers with RELEASE

5.3.1.6 N-ISDN to B-ISDN Calls (NBC)/Normal Call Release (NCR)

2.1.2.3.1	Ref. to ETS 300 443	3-1 [1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]	
TSS reference:	B_ISDN/IW/BCA/NBC/	NCR		
Selection criteria:				
Test purpose:		To verify that the calling party can release the call successfully before answer and that the cause #16 is transported transparently		
Configuration:	Configuration 3			
Parameter values:	For SETUP: BC: HLC:	SpeechCircuit mode64 kbit/sA-LawTelephony		
Node-to-Node cross-reference				
Comments:			aring) from N-ISDN to B-ISDN	
Pre-test-condition:	En bloc sending is used DISCONNECT after re-		ers with ALERT. The calling party sends a	

2.1.2.3.2	Ref. to ETS 300 4	143-1 [1] / clause 6.3.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NB	C/NCR	-
Selection criteria:			
Test purpose:			all successfully after answer and that the
	cause #16 is transpo	rted transparently	
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	BC:	- Speech	
		 Circuit mode 	
		- 64 kbit/s	
		- A-Law	
	HLC:	- Telephony	
Node-to-Node			
cross-reference			
Comments:			aring) from N-ISDN to B-ISDN
Pre-test-condition:		sed. The called party answe DNNECT after receiving a C	ers with ALERT and CONNECT. The calling

2.1.2.3.3	Ref. to ETS 300	443-1 [1] / clause 6.4.5	Other relevant ref.: ETS 300 685 [4]
TSS reference:	B_ISDN/IW/BCA/NB	SC/NCR	
Selection criteria:			
Test purpose:	To verify that the cal	led party can release the ca	Il successfully after answer and that the
	cause #16 is transpo	orted transparently	
Configuration:	Configuration 3		
Parameter values:	For SETUP:		
	BC:	- Speech	
		 Circuit mode 	
		- 64 kbit/s	
		- A-Law	
	HLC:	- Telephony	
Node-to-Node			
cross-reference			
Comments:			ring) from B-ISDN to N-ISDN
Pre-test-condition:	En bloc sending is us RELEASE	sed. The called party answe	ers with ALERT and CONNECT followed by a

5.3.2 Supplementary Services (SS)

5.3.2.1 B-ISDN to N-ISDN calls (BNC)/Calling Line Identification Presentation (CLIP)

NOTE: The network options for CLIP must be taken into account (type of number, addressing/numbering plan identification).

2.2.1.1.1	Ref. to ETS 300 092	-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIF		
Selection criteria:			
Test purpose:	To verify that the calling party number parameter CLI (network provided) without calling party sub-address is present at the destination access. The origination access provides a wrong calling party number		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - wrong calling party	. •
Node-to-Node cross-reference			
Comments:	CLIP - network provided without calling party sub-address		
Pre-test-condition:	En bloc sending is used. Origination access provide		ervice is supported at the destination exchange. ty number

2.2.1.1.2	Ref. to ETS 300 092-	1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIP		
Selection criteria:			
Test purpose:	To verify that the calling party number parameter CLI (network provided) without calling party sub-address is present at the destination access. The origination access provides no calling party number		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - no calling party nu	class
Node-to-Node			
cross-reference			
Comments:	CLIP - network provided without calling party sub-address		
Pre-test-condition:	En bloc sending is used. To Origination access provide		ervice is supported at the destination exchange. nber

2.2.1.1.3	Ref. to ETS 300 092-	1 [6] / clause 3.	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIP)	-
Selection criteria:			
Test purpose:		at the destination acces	r CLI (network provided) including calling party ss. The origination access provides no calling
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS c - AAL 1 - acc. to IXIT - no calling party nu - acc. to IXIT	class
Node-to-Node			
cross-reference			
Comments:	CLIP - network provided with calling party sub-address		
Pre-test-condition:	En bloc sending is used. T	The requested CLIP se	ervice is supported at the destination exchange

2.2.1.1.4	Ref. to ETS 300 092-	-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIP)	
Selection criteria:			
Test purpose:	To verify that the CLI (use	r provided, verified and	d passed) is present at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number:	- BCOBA - Susceptible to clipp - Equal to 64 kbit/s - Unspecified QoS c - AAL 1 - acc. to IXIT - correct number (us	
Node-to-Node cross-reference			
Comments:	CLIP - user provided, verif	fied and passed	
Pre-test-condition:	En bloc sending is used. 7	The requested CLIP se	rvice is supported at the destination exchange

2.2.1.1.5	Ref. to ETS 300 092-	1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIP		
Selection criteria:			
Test purpose:	To verify that the CLI (use	r provided, verified an	d passed) including calling party sub-address
	are present at the destinat	ion access	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	- Unspecified QoS	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	Calling party number:	- correct number (us	ser provided) acc. to IXIT
	Calling party sub-addr.:	- acc. to IXIT	
Node-to-Node		•	
cross-reference			
Comments:	CLIP - user provided, verified and passed with calling party sub-address		
Pre-test-condition:	En bloc sending is used. T	he requested CLIP se	ervice is supported at the destination exchange

2.2.1.1.6	Ref. to ETS 300 092-	1 [6] / clause 3	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CLIP	1		
Selection criteria:				
Test purpose:			e additional CLI (user provided, not screened) ent at the destination access	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	- acc. to IXIT		
	Calling party number:	- correct number (u	ser provided) acc. to IXIT	
	Calling party sub-addr.:			
Node-to-Node				
cross-reference				
Comments:	CLIP - user provided, not screened with calling party sub-address			
Pre-test-condition:	En bloc sending is used. The "No screening function" is supported at the originating exchange. The requested CLIP service and the "Two-calling party number information elements delivery option" are supported at the destination exchange			

2.2.1.1.7	Ref. to ETS 300 092-	1 [6] / clause 3	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CLIP			
Selection criteria:				
Test purpose:	To verify that the CLI (user provided, not screened) including the calling party sub-address are present at the destination access. The second calling party number i. e. (network provided) is not present at the destination access			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of the AAL 1 - acc. to IXIT - correct number (u)		
Node-to-Node				
Comments:	OUD was and ideal and assessed with calling and to the address.			
Comments:	CLIP - user provided, not screened with calling party sub-address			
Pre-test-condition:		ce is supported at the	ction" is supported at the originating exchange. destination exchange but not the "Two-calling on"	

2.2.1.1.8	Ref. to ETS 300 092-	-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]		
TSS reference:	B_ISDN/IW/SS/BNC/CLIP)			
Selection criteria:					
Test purpose:			e additional CLI (user provided, verified and re present at the destination access		
Configuration:	Configuration 1				
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - incorrect number - acc. to IXIT	. 0		
Node-to-Node cross-reference					
Comments:	CLIP - user provided, verified and failed with calling party sub-address				
Pre-test-condition:	exchange. The requested	CLIP service and the	En bloc sending is used. The "No screening function" is not supported at the originating exchange. The requested CLIP service and the "Two-calling party number information elements delivery option" are supported at the destination exchange		

2.2.1.1.9	Ref. to ETS 300 092-	·1 [6] / clause 3	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CLIP	•		
Selection criteria:				
Test purpose:			e additional CLI (user provided, not screened)	
			ent at the destination access and that both	
	numbers are presented in	the international form	at	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		 Susceptible to clip 	ping	
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	- acc. to IXIT		
	Calling party number:	 correct number (user provided) acc. to IXIT 		
	Calling party sub-addr.:	- acc. to IXIT		
Node-to-Node				
cross-reference				
Comments:	CLIP - user provided, not screened, international call with calling party sub-address.			
Pre-test-condition:	En bloc sending is used. The "No screening function" is supported at the originating exchange.			
			g party number information elements delivery	
	option" are supported at the	ne destination exchan	ge	

2.2.1.1.10	Ref. to ETS 300 092-	1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIP		
Selection criteria:			
Test purpose:	present at the destination	access in the internat	including the calling party sub-address are ional format. The second calling party number i.
	e. (network provided) is no	ot present at the desting	nation access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - correct number (u	
Node-to-Node cross- reference			
Comments:	CLIP - user provided, not screened, international call with calling party sub-address.		
Pre-test-condition:	En bloc sending is used. T	he "No screening funce is supported at the	ction" is supported at the originating exchange. destination exchange but not the "Two-calling

5.3.2.2 B-ISDN to N-ISDN calls (BNC)/Calling Line Identification Restriction (CLIR)

2.2.1.2.1	Ref. to ETS 300 093	-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CLIF	₹		
Selection criteria:				
Test purpose:	To verify that the calling p present at the destination		vork provided) without any number digits is	
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - wrong calling party		
Node-to-Node cross-reference				
Comments:	CLIR - network provided			
Pre-test-condition:		En bloc sending is used. The requested CLIR service is supported at the origination exchange. Origination access provides a wrong calling party number and no calling party sub-address i.e.		

2.2.1.2.2	Ref. to ETS 300 093	-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIF	₹	
Selection criteria:			
Test purpose:	To verify that the calling p	arty number i. e. (netv	ork provided) without any number digits is
	present at the destination	access	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	Calling party number:	 no calling party nu 	mber
Node-to-Node			
cross-reference			
Comments:	CLIR - network provided		
Pre-test-condition:			ervice is supported at the origination exchange.
	Origination access provide	es no calling party nun	nber and no calling party sub-address i.e.

2.2.1.2.3	Ref. to ETS 300 093	-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIF	₹	
Selection criteria:			
Test purpose:	To verify that the calling p calling party sub-address		work provided) without any number digits and no edestination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - no calling party nu	class
Node-to-Node cross-reference			
Comments:	CLIR - network provided	·	
Pre-test-condition:			ervice is supported at the origination exchange. nber but a calling party sub-address i.e.

2.2.1.2.4	Ref. to ETS 300 093-	·1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIR		
Selection criteria:			
Test purpose:			provided, verified and passed) without any
	number digits is present a	t the destination acces	SS
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	Calling party number:	- correct number (us	ser provided) acc. to IXIT
Node-to-Node		<u> </u>	
cross-reference			
Comments:	CLIR - user provided, verified and passed		
Pre-test-condition:			ervice is supported at the origination exchange.
	Origination access provide	es a correct calling par	ty number but no calling party sub-address i.e.

2.2.1.2.5	Ref. to ETS 300 093	-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CLIF	}		
Selection criteria:				
Test purpose:			provided, verified and passed) without any	
	number digits and no calli	ng party sub-address	i. e. are present at the destination access	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	- Unspecified QoS class		
	AAL Parameters:	Parameters: - AAL 1		
	N-BC:	- acc. to IXIT		
	Calling party number:	- correct number (u	ser provided) acc. to IXIT	
	Calling party sub-addr.:	 acc. to IXIT 		
Node-to-Node				
cross-reference				
Comments:	CLIR - user provided, verified and passed			
Pre-test-condition:	En bloc sending is used. The requested CLIR service is supported at the origination exchange.			
	Origination access provid	es a correct calling par	rty number and a calling party sub-address i.e.	

2.2.1.2.6	Ref. to ETS 300 093-	-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIR	}	
Selection criteria:			
Test purpose:		d, not screened) both	rk provided) and an additional calling party without any number digits and no calling party access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - correct number (une acc. to IXIT)	
Node-to-Node cross-reference			
Comments:	CLIR - user provided, not screened		
Pre-test-condition:		on exchange. The "Two	ervice and the "No screening function" are p-calling party number information elements exchange

2.2.1.2.7	Ref. to ETS 300 093	-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CLIR	₹	
Selection criteria:			
Test purpose:	digits and no calling party calling party number i. e. (sub-address i. e. are	rovided, not screened) without any number present at the destination access. The second not present at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-addr.:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - correct number (use	
Node-to-Node			
cross-reference			
Comments:	CLIR - user provided, not screened		
Pre-test-condition:	En bloc sending is used. The requested CLIR service and the "No screening function" are supported at the origination exchange. The "Two-calling party number information elements delivery option" is not supported at the destination exchange		

5.3.2.3 B-ISDN to N-ISDN calls (BNC)/Connected Line Identification Presentation (COLP)

NOTE: The network options for COLP must be taken into account (type of number, addressing/numbering plan identification).

2.2.1.3.1	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COL	P	
Selection criteria:			
Test purpose:			rk provided) is present at the origination
	access. The destination ac	ccess provides a wron	ig connected number
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	F5
	QoS:	- Unspecified QoS	class
	AAL Parameters:	- AAL 1	
	N-BC:	- acc. to IXIT	
	For CONNECT:		
	Connected number:	- wrong connected	number acc. to IXIT
Node-to-Node			
cross-reference			
Comments:	COLP - network provided without connected sub-address		
Pre-test-condition:	En bloc sending is used. T	he requested COLP s	service is supported at the origination
	exchange. Destination acc		

2.2.1.3.2	Ref. to ETS 300 097-	-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COL	Р	
Selection criteria:			
Test purpose:	To verify that the Connect	ed number i.e. (network	provided) is present at the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: For CONNECT: Connected number:	- BCOBA - Susceptible to clippir - Equal to 64 kbit/s - Unspecified QoS clas - AAL 1 - acc. to IXIT	SS
Node-to-Node cross-reference			
Comments:	COLP - network provided	without connected sub-a	ddress
Pre-test-condition:	En bloc sending is used. Texchange. Destination according		vice is supported at the origination ted number

2.2.1.3.3	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/COL	Р		
Selection criteria:				
Test purpose:	To verify that the Connect	ed number i.e. (netwo	rk provided) and the Connected sub-address	
	i.e. are present at the original	ination access		
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: For CONNECT: Connected number: Connected sub-address:		class	
Node-to-Node				
cross-reference				
Comments:	COLP - network provided with connected sub-address			
Pre-test-condition:		En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination acc	cess provides no conn	ected number but a connected sub-address	

2.2.1.3.4	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COLF	D	
Selection criteria:			
Test purpose:	To verify that the Connecte	ed number i.e. (user p	rovided, verified and passed) and the
	Connected sub-address i.e	e. are present at the o	rigination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	- Unspecified QoS of	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	For CONNECT:		
	Connected number:	 correct connected 	number (user provided) acc. to IXIT
	Connected sub-address:	 acc. to IXIT 	
Node-to-Node cross-			
reference			
Comments:	COLP - user provided, verified and passed with connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides a correct connected number and a connected		
	sub-address		

2.2.1.3.5	Ref. to ETS 300 097-	-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COL	P	
Selection criteria:			
Test purpose:	To verify that the Connect	ed number i.e. (user p	rovided, verified and passed) is present at the
	origination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: For CONNECT: Connected number:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	
Node-to-Node cross- reference			
Comments:	COLP - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number but no connected sub-address		

2.2.1.3.6	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/COLI	>		
Selection criteria:				
Test purpose:	To verify that the Connecte	ed number i.e. (user p	provided, not screened) including the	
	Connected sub-address ar	e present at the desti	nation access	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	- Unspecified QoS	class	
	AAL Parameters:	- AAL 1		
	N-BC:	- acc. to IXIT		
	For CONNECT:			
	Connected number:	- correct connected	number (user provided) acc. to IXIT	
	Connected sub-address:	 acc. to IXIT 		
Node-to-Node cross-				
reference				
Comments:	COLP - user provided, not screened with connected sub-address.			
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination			
	exchange. Destination access provides a correct connected number and a connected			
	sub-address. The "No scre	eening function" is sup	ported at the destination exchange	

2.2.1.3.7	Ref. to ETS 300 097	-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/COL	P		
Selection criteria:				
Test purpose:	To verify that the Connect	ed number i.e. (user p	rovided, not screened) is present at the	
	destination access			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	- Unspecified QoS of	lass	
	AAL Parameters:	- AAL 1		
	N-BC:	- acc. to IXIT		
	For CONNECT:			
	Connected number:	- correct connected	number (user provided) acc. to IXIT	
Node-to-Node cross- reference				
Comments:	COLP - user provided, not screened.			
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number but no connected subaddress. The "No screening function" is supported at the destination exchange			

5.3.2.4 B-ISDN to N-ISDN calls (BNC)/Connected Line Identification Restriction (COLR)

NOTE: The network options for COLR must be taken into account (type of number, addressing/numbering plan identification, screening indicator).

2.2.1.4.1	Ref. to ETS 300 098	-1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COL	.R	
Selection criteria:			
Test purpose:	To verify that the Connect	ted number (i.e. netwo	rk provided) without any number digits is
	present at the origination	access	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	For CONNECT:		
	Connected number:	 wrong connected i 	number acc. to IXIT
Node-to-Node cross-			
reference			
Comments:	COLR - network provided without connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination		
	exchange. Destination acc	cess provides a wrong	connected number

2.2.1.4.2	Ref. to ETS 300 098	-1 [9] / clause 6	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/COL	.R		
Selection criteria:				
Test purpose:	To verify that the Connect	ed number (i.e. netwo	rk provided) without any number digits is	
	present at the origination	access		
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
	For CONNECT:			
	Connected number:	 no connected num 	ber	
Node-to-Node cross-				
reference				
Comments:	COLR - network provided without connected sub-address			
Pre-test-condition:			service is supported at the destination	
	exchange. Destination acc	cess provides no conn	ected number	

2.2.1.4.3	Ref. to ETS 300 098-	1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COLI	R	
Selection criteria:			
Test purpose:			ork provided) is present without any number
	digits and the Connected s	sub-address i.e. is not	present at the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	For CONNECT:		
	Connected number:	 no connected num 	nber
	Connected sub-address:	 acc. to IXIT 	
Node-to-Node cross-			
reference			
Comments:	COLR - network provided		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides no connected number but a connected sub-address		

2.2.1.4.4	Ref. to ETS 300 098-	1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COLI	3	
Selection criteria:			
Test purpose:	1	•	rovided, verified and passed) is present without ess i.e. is not present at the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: For CONNECT: Connected number: Connected sub-address:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS c - AAL 1 - acc. to IXIT - correct connected - acc. to IXIT	
Node-to-Node cross- reference			
Comments:	COLR - user provided, ver	ified and passed with	connected sub-address
Pre-test-condition:			service is supported at the destination cted number and a connected sub-address

2.2.1.4.5	Ref. to ETS 300 098-	1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/COL	R	
Selection criteria:			
Test purpose:			provided, not screened) is present without any e.e. is not present at the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: For CONNECT: Connected number: Connected sub-address:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - correct connected	
Node-to-Node cross-reference			
Comments:	COLR - user provided, not screened with connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides a correct connected number and a connected subaddress. The "No screening function" is supported at the destination exchange		

5.3.2.5 B-ISDN to N-ISDN calls (BNC)/Sub-addressing (SUB)

2.2.1.5.1	Ref. to ETS 300 667-1	[18] / clause 8	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/SUB		
Selection criteria:			
Test purpose:	To verify that the Called pa	rty sub-address i.e. is	s present at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	Called party sub-address:	- acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	SUB - called party sub-address		
Pre-test-condition:	En bloc sending is used. T	he requested SUB se	rvice is supported at the destination exchange

2.2.1.5.2	Ref. to ETS 300 667-1	[18] / clause 8	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/SUB			
Selection criteria:				
Test purpose:	To verify that the Calling party number (i.e. user provided, verified and passed), the Calling party sub-address i.e and the Called party sub-address i.e. are present at the destination access and that the connected number i.e. (user provided, verified and passed) and the connected sub-address i.e. are present at the origination access			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: Calling party number: Calling party sub-address: Called party sub-address: For CONNECT: Connected number: Connected sub-address:	- acc. to IXIT - acc. to IXIT	. •	
Node-to-Node				
cross-reference				
Comments:	SUB - combined			
Pre-test-condition:	The requested CLIP servic	e is supported at the origination exchange	ervice is supported at the destination exchange. destination exchange. The requested COLP e. Destination access provides a correct es	

5.3.2.6 B-ISDN to N-ISDN calls (BNC)/User-to-user signalling (UUS)

(UUS service 1 implicit request).

2.2.1.6.1	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/UUS	}	
Selection criteria:			
Test purpose:	To verify that the user-to-u	user information send in the	SETUP message is successfully
	transported and present a	t the destination access	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clipping 	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS class 	
	AAL Parameters:	- AAL 1	
	N-BC:	- acc. to IXIT	
	User-user:	- acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP.		
Pre-test-condition:	En bloc sending is used.	The requested UUS service	is supported at the origination exchange

2.2.1.6.2	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/UUS	3	
Selection criteria:			
Test purpose:			in the SETUP and the ALERT messages are tination/origination access, respectively
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	pping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	- Unspecified QoS	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	User-user:	 acc. to IXIT 	
	For ALERT:		
	User-user:	 acc. to IXIT 	
Node-to-Node cross-			
reference			
Comments:	UUS - SETUP/ALERT		
Pre-test-condition:	En bloc sending is used.	The requested UUS se	ervice is supported at the origination and
	destination exchange		

2.2.1.6.3	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/UUS		
Selection criteria:			
Test purpose:			in the SETUP and the CONNECT messages destination/origination access, respectively
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: User-user: For CONNECT: User-user:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - acc. to IXIT	
Node-to-Node cross-			
reference	LULO OFTUDIONINEST		
Comments:	UUS - SETUP/CONNECT		
Pre-test-condition:	En bloc sending is used. I destination exchange	The requested UUS se	ervice is supported at the origination and

2.2.1.6.4	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/UUS	3	
Selection criteria:			
Test purpose:	CONNECT messages are access, respectively		in the SETUP and in the ALERT and ted and present at the destination/origination
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: User-user: For ALERT: User-user: For CONNECT: User-user:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - acc. to IXIT - acc. to IXIT	. •
Node-to-Node			
cross-reference	LUIG OFFUR (ALEST (CO	NINEOT.	
Comments:	UUS - SETUP/ALERT/CO		
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and destination exchange		

2.2.1.6.5	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/UUS	3		
Selection criteria:				
Test purpose:	To verify that the user-to- are successfully transport		in the SETUP and the RELEASE messages destination access	
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: User-user: For RELEASE: User-user:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS - AAL 1 - acc. to IXIT - acc. to IXIT		
Node-to-Node cross-reference				
Comments:	UUS - SETUP/RELEASE	UUS - SETUP/RELEASE		
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and destination exchange. Calling party released the call			

2.2.1.6.6	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/UUS		
Selection criteria:			
Test purpose:	To verify that the user-to-u	user information send	in the SETUP and the RELEASE messages
	are successfully transport	ed and present at the	destination/origination access, respectively
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	User-user:	- acc. to IXIT	
	For RELEASE:		
	User-user:	- acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/RELEASE.		
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and		
	destination exchange. Cal	led party released the	call

2.2.1.6.7	Ref. to ETS 300	668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/UUS		
Selection criteria:			
Test purpose:	the RELEASE messages destination/origination acc	are successfully trans	in the SETUP, the ALERT, the CONNECT and ported and present at the
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: User-user: For ALERT: User-user: For CONNECT: User-user: For RELEASE: User-user:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - acc. to IXIT - acc. to IXIT - acc. to IXIT	•
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/ALERT/CONNECT/RELEASE		
Pre-test-condition:	En bloc sending is used. I destination exchange	The requested UUS se	ervice is supported at the origination and

2.2.1.6.8	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/UUS		
Selection criteria:			
Test purpose:	messages are successfully transported and respectively	nd in the SETUP and the RELEASE COMPLETE present at the destination/origination access,	
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: User-user: - BCOBA - Susceptible to - Equal to 64 kb - Unspecified Qo - AAL 1 - acc. to IXIT - acc. to IXIT For RELEASE COMPLETE: User-user: - acc. to IXIT	t/s	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/RELEASE COMPLETE.		
Pre-test-condition:	En bloc sending is used. The requested UUS destination exchange. No ALERT or CONNE		

5.3.2.7 B-ISDN to N-ISDN calls (BNC)/Closed User Group (CUG)

NOTE: The network options for CUG have to be considered. There may be more than one CUG available at the originating access.

2.2.1.7.1	Ref. to ETS 300 770-1	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	ì	
Selection criteria:			
Test purpose:	To verify that the CUG cal	II (explicit request), OA	requested, could be successfully established
	to an access within the sa	me CUG	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	. •
	QoS:	- Unspecified QoS	class
	AAL Parameters:	- AAL 1	
	N-BC:	- acc. to IXIT	
	CUG:	 OA requested 	
		- CUG index code a	icc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the		
			the same CUG. At the destination access "IA
	not allowed" and "not ICB"	" are installed. In the c	ase of an international call administrative
	arrangements concerning	the interlock code are	required

2.2.1.7.2	Ref. to ETS 300 770-1	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	i	
Selection criteria:			
Test purpose:			requested, could be successfully established
	to an access within the same CUG		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor: - Equal to 64 kbit/s		
	QoS:	- Unspecified QoS	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	CUG:	 OA requested 	
		- CUG index code a	cc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.3	Ref. to ETS 300 770-7	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG	;		
Selection criteria:				
Test purpose:	To verify that the CUG ca	II (explicit request), OA	requested, could be successfully established	
	to an access that is not m	ember of any CUG		
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clipping		
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
	CUG:	 OA requested 		
		 CUG index code a 	cc. to IXIT	
Node-to-Node				
cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination exchange.			
	The called access does no	ot belong any CUG. In	the case of an international call administrative	
	arrangements concerning	the interlock code are	required	

2.2.1.7.4	Ref. to ETS 300 770-	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG	3		
Selection criteria:				
Test purpose:			A requested, could be successfully established	
	to an access which belong	gs to a network that do	pes not support the CUG supplementary service	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
	CUG:	 OA requested 		
		 CUG index code a 	acc. to IXIT	
Node-to-Node			_	
cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used.	En bloc sending is used. The requested CUG service is supported at the origination exchange.		
	Only the origination netwo	ork does support CUG	•	

2.2.1.7.5	Ref. to ETS 300 770-1	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG)		
Selection criteria:				
Test purpose:			A requested, to an access in a different CUG	
	but with IA (incoming acce	ess) allowed could be	successfully established	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clipping		
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
	CUG:	 OA not requested 		
		 CUG index code a 	acc. to IXIT	
Node-to-Node			·	
cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and			
	destination exchange. The accesses belong to different CUGs. In the case of an international			
	call administrative arrange	ements concerning the	e interlock code are required	

2.2.1.7.6	Ref. to ETS 300 770-1	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	i	
Selection criteria:			
Test purpose:			A requested, to an access in a same CUG but a Release, cause # 55 (#19 at N-ISDN)
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA requested - CUG index code a	class
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.7	Ref. to ETS 300 770-1	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	i	
Selection criteria:			
Test purpose:	To verify that the CUG cal	I (explicit request), O	A requested, to an access in a different CUG
	but with IA not allowed wil	I be rejected with a R	elease, cause # 87 (#20 at N-ISDN)
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	pping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	CUG:	 OA requested 	
		 CUG index code : 	acc. to IXIT
Node-to-Node cross-			
reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
	destination exchange. The accesses belong to different CUGs. At the destination access "IA		
	not allowed" is installed. Ir	n the case of an interr	national call administrative arrangements
	concerning the interlock of	ode are required	

2.2.1.7.8	Ref. to ETS 300 770-1	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	j	
Selection criteria:			
Test purpose:	To verify that the CUG call established to an access v		A not requested, could be successfully
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA not requested - CUG index code a	class
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.9	Ref. to ETS 300 770-7	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	ì	
Selection criteria:			
Test purpose:	To verify that the CUG call (explicit request), OA not requested, could be successfully established to an access within the same CUG		
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA not requested - CUG index code a	class
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.10	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG			
Selection criteria:				
Test purpose:	To verify that the CUG call (explicit request), OA not requested, to an access in a same CUG but with IA not allowed and ICB will be rejected with a Release, cause # 55 (#19 at N-ISDN)			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA not requested - CUG index code a	class	
Node-to-Node cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required			

2.2.1.7.11	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG			
Selection criteria:				
Test purpose:			A not requested, to an access in a same CUG	
	but with IA allowed and ICB will be rejected with a Release, cause # 55 (#19 at N-ISDN)			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	pping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	 Unspecified QoS 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
	CUG:	 OA not requested 		
		 CUG index code a 	acc. to IXIT	
Node-to-Node cross-				
reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and			
	destination exchange. Both accesses belong to the same CUG. At the destination access "IA			
	allowed" and "ICB" are installed. In the case of an international call administrative			
	arrangements concerning the interlock code are required			

2.2.1.7.12	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG	i		
Selection criteria:				
Test purpose:	To verify that the CUG call (explicit request), OA not requested, to an access in a different CUG but with IA not allowed will be rejected with a Release, cause # 87 (#20 at N-ISDN)			
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA not requested - CUG index code a	class	
Node-to-Node cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required			

2.2.1.7.13	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG			
Selection criteria:				
Test purpose:	To verify that the CUG call (explicit request), OA not requested, to an access in a different			
	CUG but with IA allowed will be rejected with a Release, cause # 87 (#20 at N-ISDN)			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	scriptor: - Equal to 64 kbit/s		
	QoS:	- Unspecified QoS	class	
	AAL Parameters:	- AAL 1		
	N-BC:	- acc. to IXIT		
	CUG:	- OA not requested		
		- CUG index code a	acc. to IXIT	
Node-to-Node				
cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and			
	destination exchange. The accesses belong to the different CUGs. At the destination access			
	"IA allowed" is installed. In the case of an international call administrative arrangements			
	concerning the interlock code are required			

2.2.1.7.14	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal	I (explicit request), OA	A not requested, to an access that is not
	member of any CUG will b	e rejected with a Rele	ease, cause # 87 (#20 at N-ISDN)
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	QoS:	 Unspecified QoS 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	CUG:	 OA not requested 	
		 CUG index code a 	acc. to IXIT
Node-to-Node cross-			
reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
			ss belongs to a CUG. At the destination access
	"IA not allowed" is installed	d. In the case of an in	ternational call administrative arrangements
	concerning the interlock co	ode are required	

2.2.1.7.15	Ref. to ETS 300 770-	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	3	
Selection criteria:			
Test purpose:	a network that does not so Release, cause # 87		A not requested, to an access which belongs to ementary service will be rejected with a
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA not requested of CUG index code a	class
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. Only the origination access		ervice is supported at the origination exchange.

2.2.1.7.16	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			ferential CUG), OA requested, could be
	successfully established to	an access within the	same CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.17	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG			
Selection criteria:				
Test purpose:	To verify that the CUG cal	I (implicit request, pref	ferential CUG), OA requested, could be	
	successfully established to	o an access within the	same CUG	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		- Susceptible to clip	ping	
	ATM Traffic Descriptor:	- Equal to 64 kbit/s		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
Node-to-Node				
cross-reference				
Comments:	CUG - SETUP (implicit request, preferential CUG)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the			
	destination exchange. Both accesses belong to the same CUG. At the destination access "IA			
	allowed" and "not ICB" are	allowed" and "not ICB" are installed. In the case of an international call administrative		
	arrangements concerning	the interlock code are	required	

2.2.1.7.18	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			ferential CUG), OA requested, could be
	successfully established to	an access that is not	t member of any CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination exchange.		
	The called access does no	ot belong any CUG	

2.2.1.7.19	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:		an access which bel	ferential CUG), OA requested, could be ongs to a network that does not support the
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	. •
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. Tonly the origination netwo	•	ervice is supported at the origination exchange.

2.2.1.7.20	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call (implicit request, pref		
	a different CUG but with IA (incoming access) a	lowed could be successfully established.	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC: - BCOBA, - Susceptible to clipping		
	ATM Traffic Descriptor: - Equal to 64 kbit/s		
	QoS: - Unspecified QoS class		
	AAL Parameters: - AAL 1		
	N-BC: - acc. to IXIT		
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CU	G)	
Pre-test-condition:	En bloc sending is used. The requested CUG se		
	destination exchange. The accesses belong to destination		
	call administrative arrangements concerning the	interlock code are required.	

2.2.1.7.21	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	1	
Selection criteria:			
Test purpose:	a same CUG but with IA n at N-ISDN)		ferential CUG), OA requested, to an access in ill be rejected with a Release, cause # 55 (#19
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CLIG - SETUP (implicit request, preferential CLIG)		
Pre-test-condition:	CUG - SETUP (implicit request, preferential CUG) En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.22	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			ferential CUG), OA requested, to an access in ejected with a Release, cause # 87 (#20 at N-
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	. •
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.23	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal successfully established to		ferential CUG), OA not requested, could be same CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.24	Ref. to ETS 300 770-1	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG	;		
Selection criteria:				
Test purpose:	To verify that the CUG cal successfully established to		erential CUG), OA not requested, could be same CUG	
Configuration:	Configuration 1			
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clipp - Equal to 64 kbit/s - Unspecified QoS c - AAL 1 - acc. to IXIT	· ·	
Node-to-Node cross-reference				
Comments:		CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	destination exchange. Bot allowed" and "not ICB" are	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.25	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			ferential CUG), OA not requested, to an access will be rejected with a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS c - AAL 1 - acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.26	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			ferential CUG), OA not requested, to an access be rejected with a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.27	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			eferential CUG), OA not requested, to an access e rejected with a Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	pping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (implicit red	quest, preferential CU	lG)
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
	destination exchange. The accesses belong to the different CUGs. At the destination access		
	"IA not allowed" is installed. In the case of an international call administrative arrangements		
	concerning the interlock co		· ·

2.2.1.7.28	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			ferential CUG), OA not requested, to an access ected with a Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CLIC - SETUD (implicit roo	nuest preferential CLL	C)
	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.1.7.29	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal	II (implicit request, pref	ferential CUG), OA not requested, to an access
	that is not member of any	CUG will be rejected v	with a Release, cause # 87 (#20 at N-ISDN)
Configuration:	Configuration 1	-	·
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	. •
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (implicit red	quest, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
	destination exchange. Only the origination access belongs to a CUG. At the destination access		
	"IA not allowed" is installed	d. In the case of an int	ternational call administrative arrangements
	concerning the interlock of	ode are required	

2.2.1.7.30	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	i	
Selection criteria:			
Test purpose:	which belongs to a network rejected with a Release, c	k that does not suppo	ferential CUG), OA not requested, to an access rt the CUG supplementary service will be
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. Tonly the origination acces		ervice is supported at the origination exchange.

2.2.1.7.31	Ref. to ETS 300 770-	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG	}		
Selection criteria:				
Test purpose:	To verify that a non-CUG	To verify that a non-CUG call towards a CUG access with IA allowed could be successfully		
	established			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		 Susceptible to clipp 	ping	
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 		
	QoS:	 Unspecified QoS cl 	ass	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
Node-to-Node				
cross-reference				
Comments:	non-CUG towards CUG destination			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the destination exchange. Only the destination access is a member of a CUG and IA allowed is installed			
	Unity the destination acce	ss is a member of a CU	G and IA allowed is installed	

2.2.1.7.32	Ref. to ETS 300 770-7	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/BNC/CUG	;		
Selection criteria:				
Test purpose:	To verify that a non-CUG	call towards a CUG ac	ccess with IA not allowed will be rejected with a	
	Release, cause # 87 (#20	at N-ISDN)		
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	B-BC:	- BCOBA		
		 Susceptible to clip 	ping	
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 		
	QoS:	 Unspecified QoS of 	class	
	AAL Parameters:	- AAL 1		
	N-BC:	 acc. to IXIT 		
Node-to-Node				
cross-reference				
Comments:	non-CUG towards CUG destination			
Pre-test-condition:		En bloc sending is used. The requested CUG service is supported at the destination exchange.		
	Only the destination acces	ss is a member of a Cl	UG and IA not allowed is installed	

2.2.1.7.33	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call	(explicit request), OA	requested, to an access in a same CUG but
	with an inappropriate N-IS	DN service and with I	A not allowed will be rejected with a Release,
	cause # 87 (#17 at N-ISDN	1)	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	 Equal to 64 kbit/s 	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	CUG:	 OA requested 	
		 CUG index code a 	cc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit red	,	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
	destination exchange. The accesses belong to different CUGs. At the destination access "IA		
			ational call administrative arrangements
		ode are required. The	requested N-ISDN service is not registered for
	this interlock code		

2.2.1.7.34	Ref. to ETS 300 770-7	l [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG	;	
Selection criteria:			
Test purpose:		N-ISDN service and w	A not requested, to an access in a same CUG ith IA not allowed will be rejected with a
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA not requested - CUG index code a	class
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required. The requested N-ISDN service is not registered for this interlock code		

2.2.1.7.35	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			not requested, to an access in a same CUG
			th IA allowed will be rejected with a Release,
	cause # 87 (#17 at N-ISDN	N)	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		- Susceptible to clip	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	- Unspecified QoS	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	CUG:	 OA not requested 	
		 CUG index code a 	cc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit red	quest)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
	destination exchange. The accesses belong to the different CUGs. At the destination access		
	"IA allowed" is installed. In	the case of an interna	ational call administrative arrangements
	concerning the interlock co	ode are required. The	requested N-ISDN service is not registered for
	this interlock code		

2.2.1.7.36	Ref. to ETS 300 770-	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			A requested, to an access in a same CUG but A allowed could be successfully established
Configuration:	Configuration 1		
Parameter values:	For SETUP: B-BC: ATM Traffic Descriptor: QoS: AAL Parameters: N-BC: CUG:	- BCOBA - Susceptible to clip - Equal to 64 kbit/s - Unspecified QoS of AAL 1 - acc. to IXIT - OA requested - CUG index code a	class
Node-to-Node cross- reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required. The requested N-ISDN service is not registered for this interlock code		

2.2.1.7.37	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/BNC/CUG		
Selection criteria:			
Test purpose:			requested, to an access in a same CUG but
	with an N-ISDN service wh	ich is not registered i	n any CUG and with IA allowed could be
	successfully established		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	B-BC:	- BCOBA	
		 Susceptible to clip 	ping
	ATM Traffic Descriptor:	- Equal to 64 kbit/s	
	QoS:	 Unspecified QoS of 	class
	AAL Parameters:	- AAL 1	
	N-BC:	 acc. to IXIT 	
	CUG:	 OA requested 	
		 CUG index code a 	icc. to IXIT
Node-to-Node cross-			
reference			
Comments:	CUG - SETUP (explicit req	,	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
			he different CUGs. At the destination access
			ational call administrative arrangements
			requested N-ISDN service is not registered for
	this and any other interlock	code	

5.3.2.8 N-ISDN to B-ISDN calls (NBC)/Calling Line Identification Presentation (CLIP)

NOTE: The network options for CLIP must be taken into account (type of number, addressing/numbering plan identification).

2.2.2.1.1	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP	
Selection criteria:		
Test purpose:	To verify that the calling party number parameter	
	sub-address is present at the destination access	s. The origination access provides a wrong
	calling party number	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Calling party number: - wrong calling party	y number acc. to IXIT
Node-to-Node		
cross-reference		
Comments:	CLIP - network provided without calling party sub-address	
Pre-test-condition:	En bloc sending is used. The requested CLIP se	ervice is supported at the destination exchange.
	Origination access provides a wrong calling part	ty number

2.2.2.1.2	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP	
Selection criteria:		
Test purpose:	To verify that the calling party number paramete sub-address is present at the destination access party number	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: - acc. to IXIT - no calling party nu	mber
Node-to-Node cross-reference		
Comments:	CLIP - network provided without calling party sub-address	
Pre-test-condition:	En bloc sending is used. The requested CLIP service is supported at the destination exchange. Origination access provides no calling party number	

2.2.2.1.3	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP	
Selection criteria:		
Test purpose:	To verify that the calling party number parameters sub-address are present at the destination acceparty number but calling party subaddress	er CLI (network provided) including calling party ess. The origination access provides no calling
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - no calling party number: - acc. to IXIT	umber
Node-to-Node cross-reference		
Comments:	CLIP - network provided with calling party sub-a	address
Pre-test-condition:	En bloc sending is used. The requested CLIP service is supported at the destination exchange	

2.2.2.1.4	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP	
Selection criteria:		
Test purpose:	To verify that the CLI (user provided, verified an	d passed) is present at the destination access
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: - acc. to IXIT - correct number (us	ser provided) acc. to IXIT
Node-to-Node		
cross-reference		
Comments:	CLIP - user provided, verified and passed	
Pre-test-condition:	En bloc sending is used. The requested CLIP service is supported at the destination exchange	

2.2.2.1.5	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP	
Selection criteria:		
Test purpose:	To verify that the CLI (user provided, verified and passed) including calling party sub-address are present at the destination access	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - acc. to IXIT	ser provided) acc. to IXIT
Node-to-Node cross-reference		
Comments:	CLIP - user provided, verified and passed with calling party sub-address	
Pre-test-condition:	En bloc sending is used. The requested CLIP s	ervice is supported at the destination exchange

2.2.2.1.6	Ref. to ETS 300 092-	-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP)	
Selection criteria:			
Test purpose:			e additional CLI (user provided, not screened)
	including the calling party	sub-address are prese	ent at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC:	 acc. to IXIT 	
	Calling party number:	- correct number (us	ser provided) acc. to IXIT
	Calling party sub-addr.:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	CLIP - user provided, not screened with calling party sub-address		
Pre-test-condition:	En bloc sending is used. The "No screening function" is supported at the originating exchange.		
		The requested CLIP service and the "Two-calling party number information elements delivery	
	option" are supported at the	ne destination exchang	ge

2.2.2.1.7	Ref. to ETS 300 092-	-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP)	
Selection criteria:			
Test purpose:	To verify that the CLI (user provided, not screened) including the calling party sub-address are present at the destination access. The second calling party number i. e. (network provided) is not present at the destination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.:	- acc. to IXIT - correct number (use - acc. to IXIT	ser provided) acc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CLIP - user provided, not screened with calling party sub-address		
Pre-test-condition:	En bloc sending is used. The "No screening function" is supported at the originating exchange. The requested CLIP service is supported at the destination exchange but not the "Two-calling party number information elements delivery option"		

2.2.2.1.8	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIP	
Selection criteria:		
Test purpose:	To verify that the CLI (network provided) and the failed) including the calling party sub-address are	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - incorrect number - acc. to IXIT	(user provided) acc. to IXIT
Node-to-Node cross-reference		
Comments:	CLIP - user provided, verified and failed with calling party sub-address	
Pre-test-condition:	En bloc sending is used. The "No screening function" is not supported at the originating exchange. The requested CLIP service and the "Two-calling party number information elements delivery option" are supported at the destination exchange	

2.2.2.1.9	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CLIP		
Selection criteria:			
Test purpose:	To verify that the CLI (network provided) and the additional CLI (user provided, not screened) including the calling party sub-address are present at the destination access and that both numbers are presented in the international format		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - correct number (u	ser provided) acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CLIP - user provided, not screened, internation	nal call with calling party sub-address	
Pre-test-condition:	En bloc sending is used. The "No screening function" is supported at the originating exchange. The requested CLIP service and the "Two-calling party number information elements delivery option" are supported at the destination exchange		

2.2.2.1.10	Ref. to ETS 300 092-1 [6] / clause 3	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CLIP		
Selection criteria:			
Test purpose:	To verify that CLI (user provided, not screened) including the calling party sub-address are present at the destination access in the international format. The second calling party number i. e. (network provided) is not present at the destination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - correct number (use	ser provided) acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CLIP - user provided, not screened, international call with calling party sub-address		
Pre-test-condition:	En bloc sending is used. The "No screening function" is supported at the originating exchange. The requested CLIP service is supported at the destination exchange but not the "Two-calling party number information elements delivery option"		

5.3.2.9 N-ISDN to B-ISDN calls (NBC)/Calling Line Identification Restriction (CLIR)

2.2.2.2.1	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIR	
Selection criteria:		
Test purpose:	To verify that the calling party number (i.e. netw	ork provided) without any number digits is
	present at the destination access	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Calling party number: - wrong calling party	y number acc. to IXIT
Node-to-Node		
cross-reference		
Comments:	CLIR - network provided	
Pre-test-condition:	En bloc sending is used. The requested CLIR service is supported at the origination exchange.	
	Origination access provides a wrong calling part	ty number and no calling party sub-address i.e.

2.2.2.2.2	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIR	
Selection criteria:		
Test purpose:	To verify that the calling party number (i.e. netwo	ork provided) without any number digits is
	present at the destination access	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Calling party number: - no calling party nu	mber
Node-to-Node		
cross-reference		
Comments:	CLIR - network provided	
Pre-test-condition:	En bloc sending is used. The requested CLIR service is supported at the origination exchange.	
	Origination access provides no calling party nun	nber and no calling party sub-address i.e.

2.2.2.2.3	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIR	
Selection criteria:		
Test purpose:	To verify that the calling party number (i.e. netwo	
	calling party sub-address i. e. are present at the	destination access
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Calling party number: - no calling party nu	mber
	Calling party sub-addr.: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CLIR - network provided	
Pre-test-condition:	En bloc sending is used. The requested CLIR se	ervice is supported at the origination exchange.
	Origination access provides no calling party num	nber but a calling party sub-address i.e.

2.2.2.2.4	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CLIR		
Selection criteria:			
Test purpose:	To verify that the calling party number (i.e. user	provided, verified and passed) without any	
	number digits is present at the destination acces	SS	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC: - acc. to IXIT		
	Calling party number: - correct number (u	ser provided) acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	CLIR - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. The requested CLIR service is supported at the origination exchange.		
	Origination access provides a correct calling pa	rty number but no calling party sub-address i.e.	

2.2.2.5	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CLIR		
Selection criteria:			
Test purpose:	To verify that the calling party number (i.e. user provided, verified and passed) without any number digits and no calling party sub-address i. e. are present at the destination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT Calling party number: - correct number (user provided) acc. to IXIT Calling party sub-addr.: - acc. to IXIT		
Node-to-Node cross-reference			
Comments:	CLIR - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. The requested CLIR service is supported at the origination exchange. Origination access provides a correct calling party number and a calling party sub-address i.e.		

2.2.2.2.6	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CLIR		
Selection criteria:			
Test purpose:	To verify that a calling party number (i.e. network provided) and an additional calling party number i. e. (user provided, not screened) both without any number digits and no calling party sub-address i. e. are present at the destination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - correct number - acc. to IXIT	(user provided) acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CLIR - user provided, not screened		
Pre-test-condition:	En bloc sending is used. The requested CLIR service and the "No screening function" are supported at the origination exchange. The "Two-calling party number information elements delivery option" is supported at the destination exchange		

2.2.2.2.7	Ref. to ETS 300 093-1 [7] / clause 4	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CLIR		
Selection criteria:			
Test purpose:	To verify that a calling party number (i.e. user provided, not screened) without any number digits and no calling party sub-address i. e. are present at the destination access. The second calling party number i. e. (network provided) is not present at the destination access.		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Calling party number: Calling party sub-addr.: - acc. to IXIT - correct number (u	ser provided) acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CLIR - user provided, not screened		
Pre-test-condition:	En bloc sending is used. The requested CLIR service and the "No screening function" are supported at the origination exchange. The "Two-calling party number information elements delivery option" is not supported at the destination exchange		

5.3.2.10 N-ISDN to B-ISDN calls (NBC)/Connected Line Identification Presentation (COLP)

NOTE: The network options for COLP must be taken into account (type of number, addressing/numbering plan identification).

2.2.2.3.1	Ref. to ETS 300 097-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/COLP		
Selection criteria:			
Test purpose:	To verify that the Connected number (i.e. netwo	ork provided) is present at the origination	
	access. The destination access provides a wror	ng connected number	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC: - acc. to IXIT		
	For CONNECT:		
	Connected number: - wrong connected	number acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	COLP - network provided without connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides a wrong	g connected number	

2.2.2.3.2	Ref. to ETS 300 097-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/COLP		
Selection criteria:			
Test purpose:	To verify that the Connected number (i.e. networ	k provided) is present at the origination access	
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT For CONNECT: Connected number: - no connected num	ber	
Node-to-Node cross-reference			
Comments:	COLP - network provided without connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides no connected number		

2.2.2.3.3	Ref. to ETS 300 097-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/COLP	·	
Selection criteria:			
Test purpose:	To verify that the Connected number (i.e. netw	ork provided) and the Connected sub-address	
	i.e. are present at the origination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC: - acc. to IXIT		
	For CONNECT:		
	Connected number: - no connected number		
	Connected sub-address: - acc. to IXIT		
Node-to-Node			
cross-reference			
Comments:	COLP - network provided with connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides no connected number but a connected sub-address		

2.2.2.3.4	Ref. to ETS 300 097-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/COLP		
Selection criteria:			
Test purpose:			provided, verified and passed) and the
	Connected sub-address i.e. ar	e present at the o	origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC:	acc. to IXIT	
	For CONNECT:		
	Connected number: - correct connected number (user provided) acc. to IXIT		
	Connected sub-address: - a	acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	COLP - user provided, verified and passed with connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides a correct connected number and a connected		
	sub-address		

2.2.2.3.5	Ref. to ETS 300 097-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/COLP		
Selection criteria:			
Test purpose:	To verify that the Connected number (i.e. user p	provided, verified and passed) is present at the	
	origination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC: - acc. to IXIT		
	For CONNECT:		
	Connected number: - correct connected number (user provided) acc. to IXIT		
Node-to-Node			
cross-reference			
Comments:	COLP - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides a correct connected number but no connected		
	sub-address		

2.2.2.3.6	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/COLF	D	
Selection criteria:			
Test purpose:			provided, not screened) including the
	Connected sub-address ar	e present at the dest	ination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC:	 acc. to IXIT 	
	For CONNECT:		
	Connected number: - correct connected number (user provided) acc. to IXIT		
	Connected sub-address: - acc. to IXIT		
Node-to-Node		•	
cross-reference			
Comments:	COLP - user provided, not screened with connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination		
	exchange. Destination access provides a correct connected number and a connected		
	sub-address. The "No screening function" is supported at the destination exchange		

2.2.2.3.7	Ref. to ETS 300 097-1 [8] / clause 5	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/COLP	
Selection criteria:		
Test purpose:	To verify that the Connected number (i.e. user p	provided, not screened) is present at the
	destination access	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	For CONNECT:	
	Connected number: - correct connected	number (user provided) acc. to IXIT
Node-to-Node		
cross-reference		
Comments:	COLP - user provided, not screened.	
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination	
	exchange. Destination access provides a correct connected number but no connected	
	sub-address. The "No screening function" is supported at the destination exchange	

5.3.2.11 N-ISDN to B-ISDN calls (NBC)/Connected Line Identification Restriction (COLR)

NOTE: The network options for COLR must be taken into account (type of number, addressing/numbering plan identification, screening indicator).

2.2.2.4.1	Ref. to ETS 300 098-1 [9] / clause 6	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/COLR		
Selection criteria:			
Test purpose:	To verify that the Connected number (i.e. network provided) without any number digits is present at the origination access		
Configuration:	Configuration 1	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT For CONNECT: Connected number: - wrong connecte	ed number acc. to IXIT	
Node-to-Node cross-reference			
Comments:	COLR - network provided without connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides a wrong connected number		

2.2.2.4.2	Ref. to ETS 300 098-1 [9] / clause 6 Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/COLR	
Selection criteria:		
Test purpose:	To verify that the Connected number (i.e. network provided) without any number digits is present at the origination access	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT For CONNECT: Connected number: - no connected number	
Node-to-Node cross-reference	Ochmodod Hambot	
Comments:	COLR - network provided without connected sub-address	
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides no connected number	

2.2.2.4.3	Ref. to ETS 300 098-1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/COLR	
Selection criteria:		
Test purpose:	To verify that the Connected number (i.e. network provided) is present without any number digits and the Connected sub-address i.e. is not present at the origination access	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT For CONNECT: Connected number: - no connected num Connected sub-address: - acc. to IXIT	nber
Node-to-Node cross-reference		
Comments:	COLR - network provided	
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides no connected number but a connected sub-address	

2.2.2.4.4	Ref. to ETS 300 098-	1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/COLI	R	
Selection criteria:			
Test purpose:	To verify that the Connected number (i.e. user provided, verified and passed) is present without any number digits and the Connected sub-address i.e. is not present at the origination access		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: For CONNECT: Connected number: Connected sub-address:	- acc. to IXIT - correct connected - acc. to IXIT	number (user provided) acc. to IXIT
Node-to-Node cross-reference			
Comments:	COLR - user provided, verified and passed with connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides a connected number and a connected sub-address		

2.2.2.4.5	Ref. to ETS 300 098-1 [9] / clause 6	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/COLR	
Selection criteria:		
Test purpose:	To verify that the Connected number (i.e. user p	
	number digits and the Connected sub-address i	i.e. is not present at the origination access
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	For CONNECT:	
	Connected number: - correct connected number (user provided) acc. to IXIT	
	Connected sub-address: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	COLR - user provided, not screened with connected sub-address	
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination	
	exchange. Destination access provides a correct connected number and a connected	
	sub-address. The "No screening function" is supported at the destination exchange	

5.3.2.12 N-ISDN to B-ISDN calls (NBC)/Sub-addressing (SUB)

2.2.2.5.1	Ref. to ETS 300 667-1 [18] / clause 8	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/SUB	
Selection criteria:		
Test purpose:	To verify that the Called party sub-address i.e. is	present at the destination access
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Called party sub-address: acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	SUB - called party sub-address	
Pre-test-condition:	En bloc sending is used. The requested SUB serv	vice is supported at the destination exchange

2.2.2.5.2	Ref. to ETS 300 667-1 [18] / clause 8	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/SUB	
Selection criteria:		
Test purpose:	To verify that the Calling party number (i.e. user provided, verified and passed), the Calling party sub-address i.e and the Called party sub-address i.e. are present at the destination access and that the connected number (i.e. user provided, verified and passed) and the connected sub-address i.e. are present at the origination access	
Configuration:	Configuration 1	
Parameter values:	Calling party sub-address: - acc. to IXIT Called party sub-address: - acc. to IXIT For CONNECT:	user provided) acc. to IXIT d number (user provided) acc. to IXIT
Node-to-Node cross-reference		
Comments:	SUB - combined	
Pre-test-condition:	En bloc sending is used. The requested SUB service is supported at the destination exchange. The requested CLIP service is supported at the destination exchange. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number and a connected sub-address	

5.3.2.13 N-ISDN to B-ISDN calls (NBC)/User-to-user signalling (UUS)

(UUS service 1 implicit request)

2.2.2.6.1	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send	in the SETUP message is successfully
	transported and present at the destination acce	SS
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	User-user: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	UUS - SETUP	
Pre-test-condition:	En bloc sending is used. The requested UUS se	ervice is supported at the origination exchange

2.2.2.6.2	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send successfully transported and present at the dest	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: User-user: - acc. to IXIT - acc. to IXIT For ALERT: User-user: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	UUS - SETUP/ALERT	
Pre-test-condition:	En bloc sending is used. The requested UUS se destination exchange	ervice is supported at the origination and

2.2.2.6.3	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send	•
	are successfully transported and present at the	destination/origination access, respectively
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	User-user: - acc. to IXIT	
	For CONNECT:	
	User-user: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	UUS - SETUP/CONNECT	
Pre-test-condition:	En bloc sending is used. The requested UUS se destination exchange	ervice is supported at the origination and

2.2.2.6.4	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	-
Selection criteria:		
Test purpose:	To verify that the user-to-user information send in the SETUP and in the ALERT and CONNECT messages are successfully transported and present at the destination/origination access, respectively	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: User-user: - acc. to IXIT For ALERT: User-user: - acc. to IXIT For CONNECT: User-user: - acc. to IXIT	
Node-to-Node		
cross-reference	LUIC OFTUDIAL EDTICONNECT	
Comments:	UUS - SETUP/ALERT/CONNECT	
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and destination exchange	

2.2.2.6.5	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send	in the SETUP and the RELEASE messages
	are successfully transported and present at the	destination access
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	User-user: - acc. to IXIT	
	For RELEASE:	
	User-user: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	UUS - SETUP/RELEASE	
Pre-test-condition:	En bloc sending is used. The requested UUS sedestination exchange. Calling party released the	

2.2.2.6.6	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send	•
	are successfully transported and present at the	destination/origination access, respectively
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	User-user: - acc. to IXIT	
	For RELEASE:	
	User-user: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	UUS - SETUP/RELEASE	
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and	
	destination exchange. Called party released the	Call

2.2.2.6.7	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send	in the SETUP, the ALERT, the CONNECT and
	the RELEASE messages are successfully trans	ported and present at the
	destination/origination access, respectively	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	User-user: - acc. to IXIT	
	For ALERT:	
	User-user: - acc. to IXIT	
	For CONNECT:	
	User-user: - acc. to IXIT	
	For RELEASE:	
	User-user: - acc. to IXIT	
Node-to-Node cross-		
reference		
Comments:	UUS - SETUP/ALERT/CONNECT/RELEASE	
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and	
	destination exchange	

2.2.2.6.8	Ref. to ETS 300 668-1 [19]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/UUS	
Selection criteria:		
Test purpose:	To verify that the user-to-user information send messages are successfully transported and presentively	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT User-user: - acc. to IXIT For RELEASE COMPLETE: User-user: - acc. to IXIT	
Node-to-Node cross- reference		
Comments:	UUS - SETUP/RELEASE COMPLETE	
Pre-test-condition:	En bloc sending is used. The requested UUS se destination exchange. No ALERT or CONNECT	

5.3.2.14 N-ISDN to B-ISDN calls (NBC)/Closed User Group (CUG)

NOTE: The network options for CUG have to be considered. There may be more than one CUG available at the originating access.

2.2.2.7.1	Ref. to ETS 300 770-	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	3	
Selection criteria:			
Test purpose:			A requested, could be successfully established
	to an access within the sa	me CUG	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC:	 acc. to IXIT 	
	Facility:	 CUG Call Invoke 	
	- OA requested		
		- CUG index code a	acc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the		
	destination exchange. Both accesses belong to the same CUG. At the destination access "IA		
			ase of an international call administrative
	arrangements concerning	the interlock code are	required

2.2.2.7.2	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA to an access within the same CUG	A requested, could be successfully established
Configuration:	Configuration 1	
Parameter values: Node-to-Node	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA requested - CUG index code a	acc. to IXIT
cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.3	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA to an access that is not member of any CUG	requested, could be successfully established
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA requested - CUG index code a	cc. to IXIT
Node-to-Node cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG se The called access does not belong any CUG. In arrangements concerning the interlock code are	the case of an international call administrative

2.2.2.7.4	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA	A requested, could be successfully established
	to an access which belongs to a network that do	pes not support the CUG supplementary service
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Facility: - CUG Call Invoke	
	- OA requested	
	- CUG index code a	acc. to IXIT
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination exchange.	
	Only the origination network does support CUG	

2.2.2.7.5	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	To verify that the CUG call (explicit request), OA requested, to an access in a different CUG but with IA (incoming access) allowed could be successfully established	
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code a		
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to different CUGs. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.2.7.6	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:		To verify that the CUG call (explicit request), OA requested, to an access in a same CUG but with IA not allowed and ICB will be rejected with a Release, cause #29 (#55 at B-ISDN)	
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA requested - CUG index code	acc. to IXIT	
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.2.7.7	Ref. to ETS 300 770-1 [20], Q.955	55 [32] Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:		To verify that the CUG call (explicit request), OA requested, to an access in a different CUG but with IA not allowed will be rejected with a Release, cause #29 (#87 at B-ISDN)	
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IX Facility: - CUG Call - OA reque - CUG inde	all Invoke	
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.2.7.8	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA not requested, could be successfully established to an access within the same CUG	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code a	acc. to IXIT
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.9	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA established to an access within the same CUG	not requested, could be successfully
Configuration:	Configuration 1	
Parameter values: Node-to-Node	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code a	cc. to IXIT
cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.10	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:		OA not requested, to an access in a same CUG
	but with IA not allowed and ICB will be rejec	ted with a Release, cause #29 (#55 at B-ISDN)
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
	Facility: - CUG Call Invo	ke
	- OA not requested	
	- CUG index code acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and	
	destination exchange. Both accesses belong to the same CUG. At the destination access "IA	
	not allowed" and "ICB" are installed. In the c	
	arrangements concerning the interlock code	are required

2.2.2.7.11	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA but with IA allowed and ICB will be rejected with	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT Facility: - CUG Call Invoke - OA not requested - CUG index code a	
Node-to-Node		
cross-reference Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.12	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (explicit request), OA CUG but with IA not allowed will be rejected with	
Configuration:	Configuration 1	
Parameter values: Node-to-Node	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code a	cc. to IXIT
cross-reference	OLIO OFTUD (III III)	
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.13	Ref. to ETS 300 770	-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CU	G	
Selection criteria:			
Test purpose:			A not requested, to an access in a different
	CUG but with IA allowed	will be rejected with a	Release, cause #29 (#87 at B-ISDN)
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC:	- acc. to IXIT	
	Facility:	 CUG Call Invoke 	
	- OA not requested		
	- CUG index code acc. to IXIT		
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and		
	destination exchange. The accesses belong to the different CUGs. At the destination access		
	"IA allowed" is installed. In the case of an international call administrative arrangements		
	concerning the interlock	code are required	

2.2.2.7.14	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call (explicit request), OA not requested, to an access that is not member of any CUG will be rejected with a Release, cause #29 (#87 at B-ISDN)		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code a		
Node-to-Node			
cross-reference Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Only the origination access belongs to a CUG. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

2.2.2.7.15	Ref. to ETS 300 770-1 [2	20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call (explicit request), OA not requested, to an access which belongs to a network that does not support the CUG supplementary service will be rejected with a Release, cause #29 (#87 at B-ISDN)		
Configuration:	Configuration 1	•	
Parameter values:	Facility:	- acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code ac	cc. to IXIT
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination exchange. Only the origination access belongs to a CUG		

2.2.2.7.16	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pre successfully established to an access within the	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG so destination exchange. Both accesses belong to not allowed" and "not ICB" are installed. In the carrangements concerning the interlock code are	the same CUG. At the destination access "IA case of an international call administrative

2.2.2.7.17	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, preferential CUG), OA requested, could be successfully established to an access within the same CUG	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG so destination exchange. Both accesses belong to allowed" and "not ICB" are installed. In the case arrangements concerning the interlock code are	the same CUG. At the destination access "IA of an international call administrative

2.2.2.7.18	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pre successfully established to an access that is not	
Configuration:	Configuration 1	thombor of any occ
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CUG)	
Pre-test-condition:	En bloc sending is used. The requested CUG se The called access does not belong any CUG	ervice is supported at the origination exchange.

2.2.2.7.19	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pre successfully established to an access which bel CUG supplementary service	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG so Only the origination network does support CUG	ervice is supported at the origination exchange.

2.2.2.7.20	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pre	
	a different CUG but with IA (incoming access) a	llowed could be successfully established
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CUG)	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and	
	destination exchange. The accesses belong to different CUGs. In the case of an international	
	call administrative arrangements concerning the	e interlock code are required

2.2.2.7.21	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, preferential CUG), OA requested, to an access in a same CUG but with IA not allowed and ICB will be rejected with a Release, cause #29 (#55 at B-ISDN)	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	
Pre-test-condition:	En bloc sending is used. The requested CUG se	
	destination exchange. Both accesses belong to same CUG. At the destination access "IA not	
	allowed" and "ICB" are installed. In the case of an international call administrative	
	arrangements concerning the interlock code are	required

2.2.2.7.22	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, preferential CUG), OA requested, to an access in a different CUG but with IA not allowed will be rejected with a Release, cause #87 (#87 at B-ISDN)	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG so destination exchange. The accesses belong to do not allowed" is installed. In the case of an internation concerning the interlock code are required	different CUGs. At the destination access "IA

2.2.2.7.23	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, presuccessfully established to an access within the	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG sed destination exchange. Both accesses belong to not allowed" and "not ICB" are installed. In the carrangements concerning the interlock code are	the same CUG. At the destination access "IA case of an international call administrative

2.2.2.7.24	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pre successfully established to an access within the	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG so destination exchange. Both accesses belong to allowed" and "not ICB" are installed. In the case arrangements concerning the interlock code are	the same CUG. At the destination access "IA of an international call administrative

2.2.2.7.25	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, preferential CUG), OA not requested, to an access in a same CUG but with IA not allowed and ICB will be rejected with a Release, cause #29 (#55 at B-ISDN)	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.26	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, prein a same CUG but with IA allowed and ICB will (#55 at B-ISDN)	
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	G)
Pre-test-condition:	En bloc sending is used. The requested CUG sed destination exchange. Both accesses belong to allowed" and "ICB" are installed. In the case of a arrangements concerning the interlock code are	the same CUG. At the destination access "IA an international call administrative

2.2.2.7.27	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pref in a different CUG but with IA not allowed will be (#87 at B-ISDN)	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CUG	G)
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required	

2.2.2.7.28	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, preferential CUG), OA not requested, to an access in a different CUG but with IA allowed will be rejected with a Release, cause #87 (#87 at B-ISDN)	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CUG	G)
Pre-test-condition:	En bloc sending is used. The requested CUG sed destination exchange. The accesses belong to the "IA allowed" is installed. In the case of an internation concerning the interlock code are required.	he different CUGs. At the destination access

2.2.2.7.29	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, pre	
	that is not member of any CUG will be rejected	with a Release, cause #87 (#87 at B-ISDN)
Configuration:	Configuration 1	
Parameter values:	For SETUP:	
	BC, HLC, LLC: - acc. to IXIT	
Node-to-Node		
cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CU	
Pre-test-condition:	En bloc sending is used. The requested CUG se	
	destination exchange. Only the origination acce	
	"IA not allowed" is installed. In the case of an in-	ternational call administrative arrangements
	concerning the interlock code are required	

2.2.2.7.30	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	•
Selection criteria:		
Test purpose:	To verify that the CUG call (implicit request, prefewhich belongs to a network that does not suppor rejected with a Release, cause #87	
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (implicit request, preferential CUG	6)
Pre-test-condition:	En bloc sending is used. The requested CUG set Only the origination access belongs to a CUG	rvice is supported at the origination exchange.

2.2.2.7.31	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:	To verify that a non-CUG call towards a CUG a established	ccess with IA allowed could be successfully
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT	
Node-to-Node cross-reference		
Comments:	non-CUG towards CUG destination	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the destination exchange. Only the destination access is a member of a CUG and IA allowed is installed	

2.2.2.7.32	Ref. to ETS 300 770-1 [20], Q.955 [32] Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG
Selection criteria:	
Test purpose:	To verify that a non-CUG call towards a CUG access with IA not allowed will be rejected with a Release, cause #87 (#87 at B-ISDN)
Configuration:	Configuration 1
Parameter values:	For SETUP: BC, HLC, LLC: - acc. to IXIT
Node-to-Node cross-reference	
Comments:	non-CUG towards CUG destination
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the destination exchange. Only the destination access is a member of a CUG and IA not allowed is installed

2.2.2.7.33	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	
Selection criteria:		
Test purpose:		DA requested, to an access in a same CUG but I had not allowed will be rejected with a Release,
Configuration:	Configuration 1	
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA requested - CUG index code	
Node-to-Node cross-reference		
Comments:	CUG - SETUP (explicit request)	
Pre-test-condition:	not allowed" is installed. In the case of an inte	different CUGs. At the destination access "IA

2.2.2.7.34	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call (explicit request), OA but with an inappropriate N-ISDN service and w Release, cause #29 (#29 at B-ISDN)		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA not requested - CUG index code a	acc. to IXIT	
Node-to-Node			
cross-reference	OHO OFTHE (
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required. The requested N-ISDN service is not registered for this interlock code		

2.2.2.7.35	Ref. to ETS 300 770-1 [20]	, Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG		-
Selection criteria:			
Test purpose:			A not requested, to an access in a same CUG ith IA allowed will be rejected with a Release,
Configuration:	Configuration 1		
Parameter values:	Facility: - C	cc. to IXIT UG Call Invoke A not requested UG index code a	ucc. to IXIT
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request))	
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required. The requested N-ISDN service is not registered for this interlock code		

2.2.2.7.36	Ref. to ETS 300 770-	1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]
TSS reference:	B_ISDN/IW/SS/NBC/CUG	3	
Selection criteria:			
Test purpose:			A requested, to an access in a same CUG but
	with an inappropriate N-IS	SDN service and with I	A allowed could be successfully established
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	BC, HLC, LLC:	 acc. to IXIT 	
	Facility:	- CUG Call Invoke	
		 OA requested 	
		- CUG index code a	acc. to IXIT
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit re	equest)	
Pre-test-condition:			ervice is supported at the origination and
			the different CUGs. At the destination access
			ational call administrative arrangements
	concerning the interlock code are required. The requested N-ISDN service is not registered for		
	this interlock code		

2.2.2.7.37	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: Q.2660 [13]	
TSS reference:	B_ISDN/IW/SS/NBC/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call (explicit request), OA requested, to an access in a same CUG but with an N-ISDN service which is not registered in any CUG and with IA allowed could be successfully established		
Configuration:	Configuration 1		
Parameter values:	For SETUP: BC, HLC, LLC: Facility: - acc. to IXIT - CUG Call Invoke - OA requested - CUG index code a	acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required. The requested N-ISDN service is not registered for this and any other interlock code		

5.4 Supplementary Services (SS)

5.4.1 Calling Line Identification Presentation (CLIP)

NOTE: The network options for CLIP must be taken into account (type of number, addressing/numbering plan identification).

3.1.1	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/CLIP			
Selection criteria:				
Test purpose:	To verify that the calling pa	arty number para	meter CLI (network provided) without calling party	
	sub-address is present at	the destination a	ccess	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:			
		· Forward peak cell rate (CLP=0+1)		
	- Backward peak cell rate (CLP=0+1)			
	B-BC:	- BCOBA		
		- Susceptible to clipping		
	Calling party number:	mber: - wrong calling party number acc. to IXIT		
	QoS:	 Unspecified C 	QoS class	
Node-to-Node				
cross-reference				
Comments:	CLIP - network provided without calling party sub-address			
Pre-test-condition:	En bloc sending is used. The requested CLIP service is supported at the destination exchange.			
	Origination access provides a wrong calling party number			

3.1.2	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:	To verify that the calling p sub-address is present at		neter CLI (network provided) without calling party cess
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: QoS:	•	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping number
Node-to-Node cross-reference			
Comments:	CLIP - network provided without calling party sub-address		
Pre-test-condition:	En bloc sending is used. The requested CLIP service is supported at the destination exchange. Origination access provides no calling party number		

3.1.3	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:	To verify that the calling pa sub-address are present at	•	eter CLI (network provided) including calling party ccess
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: Calling party sub-address: QoS:	Backward peakBCOBASusceptible tono calling party	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping number
Node-to-Node			
cross-reference		d	
Comments:	CLIP - network provided with calling party sub-address		
Pre-test-condition:	En bloc sending is used. The	ne requested CLIF	service is supported at the destination exchange

3.1.4	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:	To verify that the CLI (use	er provided, verified	and passed) is present at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: QoS:	Backward pealBCOBASusceptible to	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping r (user provided) acc. to IXIT
Node-to-Node cross-reference			
Comments:	CLIP - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. The requested CLIP service is supported at the destination exchange		

3.1.5	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause
		[0] / 0.0.000	5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:	To verify that the CLI (user	provided, verified	and passed) including calling party sub-address
	are present at the destination	on access	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor: - PCR: acc. to IXIT		
		- Forward peak	cell rate (CLP=0+1)
	- Backward peak cell rate (CLP=0+1)		
	B-BC: - BCOBA		
	- Susceptible to clipping		
	Calling party number:	- correct number	r (user provided) acc. to IXIT
	Calling party sub-address: - acc. to IXIT		
	QoS:	- Unspecified Qo	oS class
Node-to-Node		•	
cross-reference			
Comments:	CLIP - user provided, verified and passed with calling party sub-address		
Pre-test-condition:	En bloc sending is used. The	ne requested CLIF	service is supported at the destination exchange

3.1.6	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:			If the additional CLI (user provided, not screened) resent at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	- PCR: acc. to I)	···
			cell rate (CLP=0+1)
		•	cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		- Susceptible to	
	Calling party number:		r (user provided) acc. to IXIT
	Calling party sub-address:	 acc. to IXIT 	
	QoS:	 Unspecified Quality 	oS class
Node-to-Node cross-			
reference			
Comments:	CLIP - user provided, not screened with calling party sub-address		
Pre-test-condition:			function" is supported at the originating exchange.
	The requested CLIP service	e and the "Two-ca	alling party number information elements delivery
	option" are supported at the	e destination exch	nange

3.1.7	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:	present at the destination a not present at the destination	ccess. The secon	eened) including the calling party sub-address are ad calling party number (i.e. network provided) is
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: Calling party sub-address: QoS:	Backward pealBCOBASusceptible tocorrect number	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping r (user provided) acc. to IXIT
Node-to-Node cross- reference			
Comments:	CLIP - user provided, not s		
Pre-test-condition:		e is supported at	function" is supported at the originating exchange. the destination exchange but not the "Two-calling option"

3.1.8	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause	
			5	
TSS reference:	B_ISDN/SS/CLIP			
Selection criteria:				
Test purpose:			I the additional CLI (user provided, verified and sare present at the destination access	
Configuration:	Configuration 1	, ,		
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to I)	(IT	
	-	- Forward peak	cell rate (CLP=0+1)	
		- Backward peal	cell rate (CLP=0+1)	
	B-BC:	- BCOBA		
		- Susceptible to	clipping	
	Calling party number:	- incorrect num	ber (user provided) acc. to IXIT	
	Calling party sub-address:	 acc. to IXIT 		
	QoS:	- Unspecified Qo	oS class	
Node-to-Node		·	·	
cross-reference				
Comments:	CLIP - user provided, verific			
Pre-test-condition:			function" is not supported at the originating	
		exchange. The requested CLIP service and the "Two-calling party number information		
	elements delivery option" a	re supported at th	ne destination exchange	

3.1.9	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIP		
Selection criteria:			
Test purpose:	including the calling party s numbers are presented in t	ub-address are p	I the additional CLI (user provided, not screened) resent at the destination access and that both ormat
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: Calling party sub-address: QoS:	Backward pealBCOBASusceptible tocorrect numbe	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping r (user provided) acc. to IXIT
Node-to-Node cross-reference			
Comments:			onal call with calling party sub-address
Pre-test-condition:		e and the "Two-ca	function" is supported at the originating exchange. alling party number information elements delivery hange

1	4	7
	-	• 1

3.1.10	Ref. to ETS 300 092-1	[6] / clause 3	Other relevant ref.: ETS 300 443-1 [1] / clause
TSS reference:	B ISDN/SS/CLIP		3
Selection criteria:	B_IODI 1/OO/OEII		
Test purpose:	To verify that CLL (user pro	vided not screen	ed) including the calling party sub-address are
rest purpose.			national format. The second calling party number i.
	e. (network provided) is not		· · · · · · · · · · · · · · · · · · ·
Configuration:	Configuration 1	prosont at the de	55111411011400055
Parameter values:	For SETUP:		
l'arameter values.	AAL Parameters:	- AAL type 1	
	ATM Traffic Descriptor:	- PCR: acc. to I	/IT
	A TIVI Traille Descriptor.		cell rate (CLP=0+1)
			k cell rate (CLP=0+1)
	B-BC:	- BCOBA	K Cell Tale (CLF=0+1)
	D-DC.		dinning
	Calling party numbers	- Susceptible to	
	Calling party number:		r (user provided) acc. to IXIT
	Calling party sub-address:		o C. alana
Neda to Neda	QoS:	- Unspecified Q	JO CIASS
Node-to-Node			
cross-reference	0115		
Comments:			onal call with calling party sub-address
Pre-test-condition:			function" is supported at the originating exchange.
	The requested CLIP service	e is supported at	the destination exchange but not the "Two-calling
	party number information e	lements delivery	option"

5.4.2 Calling Line Identification Restriction (CLIR)

3.2.1	Ref. to ETS 300 093-1	[7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIR		
Selection criteria:			
Test purpose:	To verify that the calling p present at the destination	• '	etwork provided) without any number digits is
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: QoS:	Backward peaBCOBASusceptible to	cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping party number acc. to IXIT
Node-to-Node cross-reference			
Comments:	CLIR - network provided		
Pre-test-condition:			R service is supported at the origination exchange. party number and no calling party sub-address i.e.

3.2.2	Ref. to ETS 300 093-1	[7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIR		
Selection criteria:			
Test purpose:	To verify that the calling p present at the destination		etwork provided) without any number digits is
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping y number
Node-to-Node			
cross-reference			
Comments:	CLIR - network provided		
Pre-test-condition:			R service is supported at the origination exchange. number and no calling party sub-address i.e.

3.2.3	Ref. to ETS 300 093-1	[7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIR		
Selection criteria:			
Test purpose:	To verify that the calling pa calling party sub-address i.	,	network provided) without any number digits and no the destination access
Configuration:	Configuration 1	•	
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: Calling party number: Calling party sub-address: QoS:	Backward pealBCOBASusceptible tono calling party	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping number
Node-to-Node cross-reference			
Comments:	CLIR - network provided		
Pre-test-condition:			R service is supported at the origination exchange. number but a calling party sub-address i.e.

3.2.4	Ref. to ETS 300 093-1	[7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CLIR		
Selection criteria:			
Test purpose:	To verify that the calling pa	arty number (i.e.	user provided, verified and passed) without any
	number digits is present at	the destination a	access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to	IXIT
		 Forward peak 	cell rate (CLP=0+1)
		- Backward pea	ak cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		 Susceptible to 	o clipping
	Calling party number:	- correct numb	er (user provided) acc. to IXIT
	QoS:	 Unspecified C 	QoS class
Node-to-Node			
cross-reference			
Comments:	CLIR - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. T	he requested CL	IR service is supported at the origination exchange.
	Origination access provide	es a correct callin	g party number but no calling party sub-address i.e.

3.2.5	Ref. to ETS 300 093-1 [7	7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/CLIR			
Selection criteria:				
Test purpose:	To verify that the calling pa	rty number (i.e. i	user provided, verified and passed) without any	
	number digits and no calling party sub-address i.e. are present at the destination access			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to	XIT	
		- Forward peak	cell rate (CLP=0+1)	
		- Backward pea	ak cell rate (CLP=0+1)	
	B-BC: - BCOBA			
	- Susceptible to clipping			
	Calling party number - correct number (user provided) acc. to IXIT			
	Calling party sub-address:	 acc. to IXIT 		
	QoS:	 Unspecified C 	loS class	
Node-to-Node				
cross-reference				
Comments:	CLIR - user provided, verified and passed			
Pre-test-condition:		En bloc sending is used. The requested CLIR service is supported at the origination exchange.		
	Origination access provides	a correct calling	g party number and a calling party sub-address i.e.	

4		
	-	ı

3.2.6	Ref. to ETS 300 093-1	[7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/CLIR			
Selection criteria:				
Test purpose:			work provided) and an additional calling party	
			oth without any number digits and no calling party	
	sub-address i.e. are preser	t at the destination	on access	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	- PCR: acc. to I	KIT	
		- Forward peak	cell rate (CLP=0+1)	
			k cell rate (CLP=0+1)	
	B-BC: - BCOBA ,			
		- Susceptible to clipping		
	Calling party number:			
	Calling party sub-address:		` '	
	QoS:	- Unspecified Q	oS class	
Node-to-Node		•		
cross-reference				
Comments:	CLIR - user provided, not screened			
Pre-test-condition:	En bloc sending is used. The requested CLIR service and the "No screening function" are			
	supported at the origination	exchange. The '	Two-calling party number information elements	
	delivery option" is supporte	d at the destination	on exchange	

3.2.7	Ref. to ETS 300 093-1	[7] / clause 4	Other relevant ref.: ETS 300 443-1 [1] / clause
			5
TSS reference:	B_ISDN/SS/CLIR		
Selection criteria:			
Test purpose:	To verify that a calling party	/ number (i.e. use	r provided, not screened) without any number
	digits and no calling party s	sub-address i.e. a	re present at the destination access. The second
	calling party number (i.e. no	etwork provided) i	s not present at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to I)	KIT
		- Forward peak	cell rate (CLP=0+1)
		 Backward peal 	c cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		 Susceptible to 	clipping
	Calling party number:	- correct number	(user provided) acc. to IXIT
	Calling party sub-address:	 acc. to IXIT 	
	QoS:	 Unspecified Qo 	S class
Node-to-Node			
cross-reference			
Comments:	CLIR - user provided, not screened		
Pre-test-condition:	En bloc sending is used. The	ne requested CLII	R service and the "No screening function" are
			Two-calling party number information elements
	delivery option" is not supp	orted at the destir	nation exchange

5.4.3 Connected Line Identification Presentation (COLP)

NOTE: The network options for COLP must be taken into account (type of number, addressing/numbering plan identification).

3.3.1	Ref. to ETS 300 097-1	[8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/COLP			
Selection criteria:				
Test purpose:	To verify that the connecte	ed number (i.e. ne	twork provided) is present at the origination access	
Configuration:	Configuration 1			
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping	
	Connected number:	 wrong connec 	ted number acc. to IXIT	
Node-to-Node cross-reference				
Comments:	COLP - network provided without connected sub-address			
Pre-test-condition:	En bloc sending is used. exchange. Destination acc		LP service is supported at the origination rong connected number	

3.3.2	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause	
TSS reference:	B ISDN/SS/COLP		5	
	B_I3DIN/33/COLI			
Selection criteria:				
Test purpose:	To verify that the connect	ed number (i.e. netv	ork provided) is present at the origination access	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to IX	Т	
			ell rate (CLP=0+1)	
			cell rate (CLP=0+1)	
	B-BC:	- BCOBA	0011 Tate (021 =011)	
	D-BO.		linning	
	QoS:	- Susceptible to clipping - Unspecified QoS class		
	Q05.	- Unspecified Qo	5 Class	
	For Connect:			
	For Connect:		1	
	Connected number:	- no connected n	umber	
Node-to-Node				
cross-reference				
Comments:	COLP - network provided without connected sub-address			
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination			
	exchange. Destination ac			

3.3.3	Ref. to ETS 300 097-1	[8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLP		
Selection criteria:			
Test purpose:	To verify that the connecte are present at the originati		work provided) and the connected sub-address i.e.
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number: Connected sub-address:	Backward peaBCOBASusceptible toUnspecified Qno connected	cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping oS class
Node-to-Node			
cross-reference			
Comments:	COLP - network provided		
Pre-test-condition:			LP service is supported at the origination onnected number but a connected sub-address

3.3.4	Ref. to ETS 300 097-1	[8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLP		
Selection criteria:			
Test purpose:	To verify that the connected connected sub-address i.e.	•	provided, verified and passed) and the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number: Connected sub-address:	Backward peakBCOBASusceptible to cUnspecified Qo	ell rate (CLP=0+1) cell rate (CLP=0+1)
Node-to-Node cross-reference			
Comments:	•	•	th connected sub-address
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number and a connected sub-address		

3.3.5	Ref. to ETS 300 097-	1 [8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLP		
Selection criteria:			
Test purpose:	To verify that the connecte origination access	ed number (i.e. user	r provided, verified and passed) is present at the
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number:	Backward peakBCOBASusceptible to cUnspecified Qo	ell rate (CLP=0+1) cell rate (CLP=0+1) slipping
Node-to-Node cross-reference			
Comments:	COLP - user provided, verified and passed		
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number but no connected sub-address		

3.3.6	Ref. to ETS 300 097-1	[8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLP		
Selection criteria:			
Test purpose:	To verify that the connecte sub-address are present a		r provided, not screened) including the connected cess
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number:	 Backward peak BCOBA Susceptible to c Unspecified Qo correct connect 	ell rate (CLP=0+1) cell rate (CLP=0+1) slipping
Node-to-Node	Connected sub-address:	- acc. to IXIT	
cross-reference			
Comments:	COLP - user provided not	screened with con	nected sub-address
Pre-test-condition:	COLP - user provided, not screened with connected sub-address En bloc sending is used. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number and a connected sub-address. The "No screening function" is supported at the destination exchange		

3.3.7	Ref. to ETS 300 097-1	[8] / clause 5	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLP		
Selection criteria:			
Test purpose:	To verify that the connect destination access	ed number (i.e. us	er provided, not screened) is present at the
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number:	 Backward pea BCOBA Susceptible to Unspecified C 	cell rate (CLP=0+1) ak cell rate (CLP=0+1) o clipping
Node-to-Node cross-reference			
Comments:	COLP - user provided, no	t screened	
Pre-test-condition:	En bloc sending is used. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number but no connected sub-address. The "No screening function" is supported at the destination exchange		

5.4.4 Connected Line Identification Restriction (COLR)

NOTE: The network options for COLR must be taken into account (type of number, addressing/numbering plan identification, screening indicator).

3.4.1	Ref. to ETS 300 098-1	l [9] / clause 6	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLR		
Selection criteria:			
Test purpose:	To verify that the connect present at the origination		twork provided) without any number digits is
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number:	Backward peaBCOBASusceptible toUnspecified Q	cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node			
cross-reference	10015	***	
Comments:	COLR - network provided		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides a wrong connected number		

3.4.2	Ref. to ETS 300 098-1	[9] / clause 6	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLR		
Selection criteria:			
Test purpose:	To verify that the connecte present at the origination a		twork provided) without any number digits is
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping oS class
Node-to-Node			
cross-reference			
Comments:	COLR - network provided without connected sub-address		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination		
	exchange. Destination acc	cess provides no d	connected number

3.4.3	Ref. to ETS 300 098-1	[9] / clause 6	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLR		
Selection criteria:			
Test purpose:			work provided) is present without any number not present at the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number: Connected sub-address:	Backward peaBCOBASusceptible toUnspecified Qno connected	cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping oS class
Node-to-Node cross-reference			
Comments:	COLR - network provided		
Pre-test-condition:	En bloc sending is used. The requested COLR service is supported at the destination exchange. Destination access provides no connected number but a connected sub-address		

3.4.4	Ref. to ETS 300 098-1	[9] / clause 6	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/COLR			
Selection criteria:				
Test purpose:			er provided, verified and passed) is present without ldress i.e. is not present at the origination access	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	- PCR: acc. to IX	KIT	
		- Forward peak	cell rate (CLP=0+1)	
			k cell rate (CLP=0+1)	
	B-BC:	- BCOBA		
		- Susceptible to clipping		
	QoS:	- Unspecified QoS class		
	For Connect:	·		
	Connected number:	- correct connec	ted number (user provided) acc. to IXIT	
	Connected sub-address:	 acc. to IXIT 	`	
Node-to-Node				
cross-reference				
Comments:	COLR - user provided, verified and passed with connected sub-address			
Pre-test-condition:	En bloc sending is used. T	he requested COI	R service is supported at the destination	
	exchange. Destination acc	ess provides a co	nnected number and a connected sub-address	

3.4.5	Ref. to ETS 300 098-1	[9] / clause 6	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/COLR		
Selection criteria:			
Test purpose:			provided, not screened) is present without any i.e. is not present at the origination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: For Connect: Connected number: Connected sub-address:	Backward peakBCOBASusceptible to cUnspecified QoS	ell rate (CLP=0+1) cell rate (CLP=0+1) lipping
Node-to-Node cross-reference			
Comments:	COLR - user provided, not		
Pre-test-condition:	exchange. Destination acc	ess provides a corr	R service is supported at the destination ect connected number and a connected upported at the destination exchange

5.4.5 Sub-addressing (SUB)

3.5.1	Ref. to ETS 300 667-1 [18] / clause 8	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/SUB		
Selection criteria:			
Test purpose:	To verify that the called pa	rty sub-address i.e	e. is present at the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: Called party sub-address:	Backward pealBCOBASusceptible toUnspecified Qo	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node			
cross-reference Comments:	SLIB called party sub add	rocc	
	SUB - called party sub-address		
Pre-test-condition:	En bloc sending is used. The requested SUB service is supported at the destination exchange		

3.5.2	Ref. to ETS 300 667-1 [18] / clause 8	Other relevant ref.: ETS 300 443-1 [1] / clause
T00 (B 10001/01/0		5
TSS reference:	B_ISDN/SS/SUB		
Selection criteria:			
Test purpose:	sub-address i.e and the cal that the connected number sub-address i.e. are preser	lled party sub-add (i.e. user provide	ser provided, verified and passed), the calling party lress i.e. are present at the destination access and d, verified and passed) and the connected n access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: Calling party number: Calling party sub-address: Called party sub-address: For Connect: Connected number: Connected sub-address:	- Backward peal - BCOBA, - Susceptible to - Unspecified Quality - correct numbe - acc. to IXIT - acc. to IXIT	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node			
cross-reference	0.10		
Comments:	SUB - combined		
Pre-test-condition:	En bloc sending is used. The requested SUB service is supported at the destination exchange. The requested CLIP service is supported at the destination exchange. The requested COLP service is supported at the origination exchange. Destination access provides a correct connected number and a connected sub-address		

5.4.6 User-to-user signalling (UUS)

(UUS service 1 implicit request)

3.6.1	Ref. to ETS 300 6	68-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause
TSS reference:	B_ISDN/SS/UUS		· · ·
Selection criteria:			
Test purpose:	To verify that the user-to-utransported and present at		nd in the SETUP message is successfully ccess
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: User-user: acc. to IXIT		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP		
Pre-test-condition:	En bloc sending is used. T	he requested UUS	S service is supported at the origination exchange

3.6.2	Ref. to ETS 300 6	68-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause
			5
TSS reference:	B_ISDN/SS/UUS		
Selection criteria:			
Test purpose:	To verify that the user-to-u	ser information se	end in the SETUP and the ALERT messages are
	successfully transported a	nd present at the	destination/origination access, respectively
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	 PCR: acc. to IX 	XIT
		 Forward peak 	cell rate (CLP=0+1)
		 Backward pea 	k cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		 Susceptible to 	
	QoS:	 Unspecified Q 	oS class
	User-user: acc. to IXIT		
	For ALERT:		
	User-user:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/ALERT	<u>-</u>	
Pre-test-condition:	En bloc sending is used. T	he requested UUS	S service is supported at the origination and
	destination exchange		

3.6.3	Ref. to ETS 300 6	68-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/UUS		
Selection criteria:			
Test purpose:			end in the SETUP and the CONNECT messages the destination/origination access, respectively
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to	IXIT
	·	- Forward peak	cell rate (CLP=0+1)
			ak cell rate (CLP=0+1)
	B-BC:	- BCOBA	,
		- Susceptible to	o clippina
	QoS:	- Unspecified C	
	User-user: acc. to IXIT		
	For CONNECT:		
	User-user:	- acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/CONNECT	-	
Pre-test-condition:	En bloc sending is used.	The requested UL	JS service is supported at the origination and
	destination exchange		

3.6.4	Ref. to ETS 300 (668-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause 5		
TSS reference:	B_ISDN/SS/UUS				
Selection criteria:					
Test purpose:	CONNECT messages are access, respectively	To verify that the user-to-user information send in the SETUP and in the ALERT and CONNECT messages are successfully transported and present at the destination/origination access, respectively			
Configuration:	Configuration 1				
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: User-user: For ALERT: User-user: For CONNECT: User-user:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping		
Node-to-Node					
cross-reference	LUIC CETUD/ALEDT/CC	NINICOT			
Comments:	UUS - SETUP/ALERT/CC				
Pre-test-condition:	En bloc sending is used. destination exchange	The requested UU	S service is supported at the origination and		

3.6.5	Ref. to ETS 300 6	668-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/UUS		
Selection criteria:			
Test purpose:	To verify that the user-to-user successfully transported		end in the SETUP and the RELEASE messages the destination access
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: User-user: For RELEASE: User-user:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	UUS - SETUP/RELEASE		
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and destination exchange. Calling party released the call		

3.6.6	Ref. to ETS 300 6	668-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/UUS		·
Selection criteria:			
Test purpose:	are successfully transport		send in the SETUP and the RELEASE messages the destination/origination access, respectively
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: User-user: For RELEASE: User-user:		c cell rate (CLP=0+1) ak cell rate (CLP=0+1) o clipping
Node-to-Node cross-reference			
Comments:	UUS - SETUP/RELEASE		
Pre-test-condition:	En bloc sending is used. destination exchange. Ca		JS service is supported at the origination and d the call

3.6.7	Ref. to ETS 300 6	68-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/UUS		
Selection criteria:			
Test purpose:			end in the SETUP, the ALERT, the CONNECT and
			ransported and present at the
	destination/origination acc	ess, respectively	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to	IXIT
			cell rate (CLP=0+1)
		•	ak cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		 Susceptible to 	
	QoS:	 Unspecified C 	QoS class
	User-user:	 acc. to IXIT 	
	For ALERT:		
	User-user:	 acc. to IXIT 	
	For CONNECT:		
	User-user:	 acc. to IXIT 	
	For RELEASE:		
	User-user:	 acc. to IXIT 	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/ALERT/CONNECT/RELEASE		
Pre-test-condition:	En bloc sending is used. The requested UUS service is supported at the origination and		
	destination exchange		

3.6.8	Ref. to ETS 300 6	68-1 [19]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/UUS		
Selection criteria:			
Test purpose:	To verify that the user-to-u	user information s	end in the SETUP and the RELEASE COMPLETE
	messages are successfull	y transported and	present at the destination/origination access,
	respectively		
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to I	XIT
			cell rate (CLP=0+1)
		 Backward pea 	ak cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		 Susceptible to 	clipping
	QoS:	 Unspecified C 	loS class
	User-user:	 acc. to IXIT 	
	For RELEASE COMPLET	E:	
	User-user:	- acc. to IXIT	
Node-to-Node			
cross-reference			
Comments:	UUS - SETUP/RELEASE		
Pre-test-condition:			S service is supported at the origination and
	destination exchange. No	ALERT or CONN	ECT are sent prior RELEASE COMPLETE

5.4.7 Closed User Group (CUG)

NOTE: The network options for CUG have to be considered. There may be more than one CUG available at the originating access.

3.7.1	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5		
TSS reference:	B_ISDN/SS/CUG				
Selection criteria:					
Test purpose:	To verify that the CUG call (explicit request), OA requested, could be successfully established to an access within the same CUG				
Configuration:	Configuration 1				
Parameter values:	For SETUP:				
	AAL Parameters:	- AAL type 1			
	ATM Traffic Descriptor:	- PCR: acc. to	IXIT		
		- Forward peal	k cell rate (CLP=0+1)		
		- Backward pe	ak cell rate (CLP=0+1)		
	B-BC:				
	- Susceptible to clipping				
	QoS: - Unspecified QoS class				
	CUG:	- OA requested			
		- CUG index code acc. to IXIT			
Node-to-Node					
cross-reference					
Comments:	CUG - SETUP (explicit request)				
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the				
		destination exchange. Both accesses belong to the same CUG. At the destination access "IA			
			the case of an international call administrative		
	arrangements concerning	the interlock cod	e are required		

3.7.2	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG ca	II (explicit request),	OA requested, could be successfully established
	to an access within the sa	me CUG	
Configuration:	Configuration 1		
Parameter values:	For SETUP:		
	AAL Parameters:	 AAL type 1 	
	ATM Traffic Descriptor:	- PCR: acc. to I)	KIT
		 Forward peak 	cell rate (CLP=0+1)
		 Backward peal 	c cell rate (CLP=0+1)
	B-BC:	- BCOBA	
		 Susceptible to 	
	QoS:	 Unspecified Qo 	oS class
	CUG:	 OA requested 	
		- CUG index cod	de acc. to IXIT
Node-to-Node cross- reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.3	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5		
TSS reference:	B_ISDN/SS/CUG				
Selection criteria:					
Test purpose:	To verify that the CUG ca	II (explicit request), OA requested, could be successfully established		
	to an access that is not m	ember of any CU	G		
Configuration:	Configuration 1				
Parameter values:	For SETUP:				
	AAL Parameters:	 AAL type 1 			
	ATM Traffic Descriptor:	- PCR: acc. to	IXIT		
		- Forward peak cell rate (CLP=0+1)			
	- Backward peak cell rate (CLP=0+1)				
	B-BC: - BCOBA				
	- Susceptible to clipping				
	QoS: - Unspecified QoS class				
	CUG:	 OA requested 			
		- CUG index co	ode acc. to IXIT		
Node-to-Node cross-					
reference					
Comments:	CUG - SETUP (explicit request)				
Pre-test-condition:	_	•	JG service is supported at the origination exchange.		
	The called access does no	ot belong any CU	G		

3.7.4	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	,	· · · · · · · · · · · · · · · · · · ·	OA requested, could be successfully established does not support the CUG supplementary service
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping S class
Node-to-Node			
cross-reference			
Comments:	CUG - SETUP (explicit re	·	
Pre-test-condition:	En bloc sending is used. Only the origination netwo		S service is supported at the origination exchange. JG

3.7.5	Ref. to ETS 300 770-1 [20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/CUG			
Selection criteria:				
Test purpose:			OA requested, to an access in a different CUG be successfully established	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	- PCR: acc. to IX	KIT	
			cell rate (CLP=0+1)	
			k cell rate (CLP=0+1)	
	B-BC:	- BCOBA		
		- Susceptible to clipping		
	QoS:	- Unspecified QoS class		
	CUG:	 OA not reques 	ted	
		- CUG index cod	de acc. to IXIT	
Node-to-Node				
cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:			G service is supported at the origination and	
			to different CUGs. In the case of an international	
	call administrative arrange	ements concerning	the interlock code are required	

3.7.6	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			OA requested, to an access in a same CUG but with a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping oS class
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.7	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause
TSS reference:	B_ISDN/SS/CUG		-
Selection criteria:			
Test purpose:	To verify that the CUG cal but with IA not allowed wil		OA requested, to an access in a different CUG Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		ell rate (CLP=0+1) cell rate (CLP=0+1) dipping S class
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	destination exchange. The	e accesses belong to the case of an inte	service is supported at the origination and o different CUGs. At the destination access "IA ernational call administrative arrangements

3.7.8	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG callestablished to an access		OA not requested, could be successfully IG
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping oS class ted
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.9	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call established to an access v		OA not requested, could be successfully JG
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping oS class ted
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	destination exchange. Bot	h accesses belong e installed. In the c	G service is supported at the origination and good to the same CUG. At the destination access "IA ase of an international call administrative are required

3.7.10	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			OA not requested, to an access in a same CUG ed with a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping oS class ted
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	destination exchange. Bot	th accesses belong e installed. In the c	S service is supported at the origination and to the same CUG. At the destination access "IA ase of an international call administrative are required

3.7.11	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause
TSS reference:	B_ISDN/SS/CUG		· ·
Selection criteria:			
Test purpose:	To verify that the CUG cal but with IA allowed and IC		OA not requested, to an access in a same CUG ith a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		ell rate (CLP=0+1) cell rate (CLP=0+1) lipping S class ed
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	destination exchange. Bot	h accesses belong stalled. In the case of	service is supported at the origination and to the same CUG. At the destination access "IA of an international call administrative are required

3.7.12	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause	
			5	
TSS reference:	B_ISDN/SS/CUG			
Selection criteria:				
Test purpose:			OA not requested, to an access in a different	
	CUG but with IA not allow	ed will be rejected	with a Release, cause # 87	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to I)	KIT	
	·	- Forward peak	cell rate (CLP=0+1)	
		- Backward peal	c cell rate (CLP=0+1)	
	B-BC:	- BCOBA	,	
		- Susceptible to	clipping	
	QoS:	- Unspecified Qo	oS class	
	CUG:	- OA not requested		
		- CUG index code acc. to IXIT		
Node-to-Node				
cross-reference				
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and			
			to the different CUGs. At the destination access	
	"IA not allowed" is installed	d. In the case of ar	n international call administrative arrangements	
	concerning the interlock co		•	

3.7.13	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal CUG but with IA allowed v		OA not requested, to an access in a different a Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping oS class ted
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	destination exchange. The	e accesses belong the case of an int	S service is supported at the origination and to the different CUGs. At the destination access ernational call administrative arrangements

3.7.14	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG ca member of any CUG will I		OA not requested, to an access that is not Release, cause #87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:	AAL Parameters: - AAL type 1 - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - BCOBA - Susceptible to clipping QoS: - AAL type 1 - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - ULP=0+1	
Node-to-Node cross-reference			
Comments:	CUG - SETUP (explicit request)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Only the origination access belongs to a CUG. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.15	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/CUG			
Selection criteria:				
Test purpose:		To verify that the CUG call (explicit request), OA not requested, to an access which belongs to a network that does not support the CUG supplementary service will be rejected with a Release, cause # 87		
Configuration:	Configuration 1			
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS: CUG:	•	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping oS class ted	
Node-to-Node				
cross-reference	CUO OFTUD (" "	4)		
Comments:	CUG - SETUP (explicit request)			
Pre-test-condition:	En bloc sending is used. Only the origination access		G service is supported at the origination exchange. G	

3.7.16	Ref. to ETS 300 770-1 [20], Q.955 [32] Other relevant ref.: ETS 300 443-1 [1] / cla	ause	
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG call (implicit request, preferential CUG), OA requested, could be successfully established to an access within the same CUG		
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: - AAL type 1 - PCR: acc. to IXIT - Forward peak cell rate (CLP=0+1) - Backward peak cell rate (CLP=0+1) - BCOBA - Susceptible to clipping QoS: - Unspecified QoS class		
Node-to-Node cross- reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and the destination exchange. Both accesses belong to the same CUG. At the destination access not allowed and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.17	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal successfully established to		preferential CUG), OA requested, could be the same CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross- reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	destination exchange. Bot	th accesses belone e installed. In the c	G service is supported at the origination and the g to the same CUG. At the destination access "IA case of an international call administrative are required

3.7.18	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal successfully established to		preferential CUG), OA requested, could be not member of any CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The called access does not	•	G service is supported at the origination exchange.

3.7.19	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:		o an access which	preferential CUG), OA requested, could be belongs to a network that does not support the
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. Only the origination netwo		G service is supported at the origination exchange. UG

3.7.20	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause	
TCC reference:	B ICDN/CC/CLIC		3	
TSS reference:	B_ISDN/SS/CUG			
Selection criteria:				
Test purpose:			preferential CUG), OA requested, to an access in	
	a different CUG but with I	A (incoming access	s) allowed could be successfully established	
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	- AAL type 1		
	ATM Traffic Descriptor:	- PCR: acc. to I)	(IT	
	·	- Forward peak	cell rate (CLP=0+1)	
		- Backward peal	c cell rate (CLP=0+1)	
	B-BC:	- BCOBA	()	
		- Susceptible to clipping		
	QoS:	- Unspecified Q		
Node-to-Node				
cross-reference				
Comments:	CUG - SETUP (implicit request, preferential CUG)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and			
			to different CUGs. In the case of an international	
			the interlock code are required	

3.7.21	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			preferential CUG), OA requested, to an access in 3 will be rejected with a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	destination exchange. Bot	th accesses belone stalled. In the case	G service is supported at the origination and g to same CUG. At the destination access "IA not of an international call administrative are required

3.7.22	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			referential CUG), OA requested, to an access in rejected with a Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		ell rate (CLP=0+1) cell rate (CLP=0+1) lipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	destination exchange. The	e accesses belong to the case of an inte	service is supported at the origination and odifferent CUGs. At the destination access "IA rnational call administrative arrangements

3.7.23	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal successfully established to		preferential CUG), OA not requested, could be the same CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:	· ·	cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node cross- reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	destination exchange. Bot	th accesses belong " are installed. In th	S service is supported at the origination and to the same CUG. At the destination access "IA ne case of an international call administrative are required

3.7.24	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that the CUG cal successfully established to		preferential CUG), OA not requested, could be the same CUG
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:	•	cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "not ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.25	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			preferential CUG), OA not requested, to an access ICB will be rejected with a Release, cause # 55
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA not allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.26	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			preferential CUG), OA not requested, to an access will be rejected with a Release, cause # 55
Configuration:	Configuration 1		······································
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Both accesses belong to the same CUG. At the destination access "IA allowed" and "ICB" are installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.27	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			preferential CUG), OA not requested, to an access II be rejected with a Release, cause #87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node cross- reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.28	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause
TSS reference:	B_ISDN/SS/CUG		3
Selection criteria:			
Test purpose:			preferential CUG), OA not requested, to an access rejected with a Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:	•	cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. The accesses belong to the different CUGs. At the destination access "IA allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.29	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:			preferential CUG), OA not requested, to an access ed with a Release, cause # 87
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	CUG - SETUP (implicit request, preferential CUG)		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination and destination exchange. Only the origination access belongs to a CUG. At the destination access "IA not allowed" is installed. In the case of an international call administrative arrangements concerning the interlock code are required		

3.7.30	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5	
TSS reference:	B_ISDN/SS/CUG		*	
Selection criteria:				
Test purpose:	which belongs to a networ	To verify that the CUG call (implicit request, preferential CUG), OA not requested, to an access which belongs to a network that does not support the CUG supplementary service will be rejected with a Release, cause # 87		
Configuration:	Configuration 1			
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) k cell rate (CLP=0+1) clipping	
Node-to-Node cross-reference				
Comments:	CUG - SETUP (implicit request, preferential CUG)			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the origination exchange. Only the origination access belongs to a CUG			

1	 -

3.7.31	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause 5
TSS reference:	B_ISDN/SS/CUG		
Selection criteria:			
Test purpose:	To verify that a non-CUG established	call towards a CUC	access with IA allowed could be successfully
Configuration:	Configuration 1		
Parameter values:	For SETUP: AAL Parameters: ATM Traffic Descriptor: B-BC: QoS:		cell rate (CLP=0+1) c cell rate (CLP=0+1) clipping
Node-to-Node cross-reference			
Comments:	non-CUG towards CUG destination		
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the destination exchange. Only the destination access is a member of a CUG and IA allowed is installed		

3.7.32	Ref. to ETS 300 770-1	[20], Q.955 [32]	Other relevant ref.: ETS 300 443-1 [1] / clause	
			5	
TSS reference:	B_ISDN/SS/CUG			
Selection criteria:				
Test purpose:	To verify that a non-CUG	call towards a CUC	access with IA not allowed will be rejected with a	
	Release, cause # 87			
Configuration:	Configuration 1			
Parameter values:	For SETUP:			
	AAL Parameters:	 AAL type 1 		
	ATM Traffic Descriptor:	- PCR: acc. to I)	(IT	
		- Forward peak	cell rate (CLP=0+1)	
		- Backward peak cell rate (CLP=0+1)		
	B-BC:	- BCOBA	,	
		- Susceptible to	clipping	
	QoS:	- Unspecified Qo	oS class	
Node-to-Node				
cross-reference				
Comments:	non-CUG towards CUG destination			
Pre-test-condition:	En bloc sending is used. The requested CUG service is supported at the destination exchange.			
	Only the destination acces	ss is a member of a	a CUG and IA not allowed is installed	

History

	Document history					
V1.1.1	March 2001	Membership Approval Procedure	MV 20010518:	2001-03-20 to 2001-05-18		