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Foreword

This ETSI Technical Report (ETR) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI).

ETRs are informative documents resulting from ETSI studies which are not appropriate for European Telecommunication Standard (ETS) or Interim European Telecommunication Standard (I-ETS) status. An ETR may be used to publish material which is either of an informative nature, relating to the use or the application of ETSs or I-ETSs, or which is immature and not yet suitable for formal adoption as an ETS or an I-ETS.

This ETS was generated using a template provided by TCR-TR 046. The procedures defined there were used to identify the common application elements included in the library index, ensuring that its rules apply to the contents of this ETR.

NOTE: TCR-TR 046 is only available to ETSI members.

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1   Scope

The main objective of this ETR is to establish a library index for the ASN.1 Library, a library containing ASN.1 definitions as defined in ETS 300 655 [1].

Every new version of this ETR will contain an updated list of users importing type references and/or value references from a specified version of the library.

The purpose of the library index is:

-    list all library elements;
-    list all users of library elements;
-    list all definers of library elements (non-users).

2   References

This ETR incorporates by dated or undated reference, provisions from other publications. These references are cited at the appropriate places in the text and the publications listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETR only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

[1]   ETS 300 655: "ASN.1 library definition; Version 1.1".

[2]   ITU-T Recommendation X.680 (1994): "Information technology - Open System Interconnection - Abstract Syntax Notation One (ASN.1): Specification of Basic Notation" (also published as ISO 8824-1).

This ETR refers to the following documents as users of library elements:

-                 none.

This ETR refers to the following documents as re-definers of library elements:

[3]   ETR 090 (1993): "ETSI object identifier tree; Common domain; Intelligent network (IN) domain".

[4]   ETR 091 (1993): "ETSI object identifier tree; Common domain; Mobile domain".

[5]   ETS 300 196-1 (1993): "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

[6]   ETS 300 599 (1995): "European digital cellular telecommunications system (Phase 2); Mobile Application Part (MAP) specification (GSM 04.80)".

[7]   ETS 300 622: European digital cellular telecommunications system (Phase 2); Base Station System (BSS) Management Information (GSM 12.20)".

3 Definitions and abbreviations

3.1 Definitions

For the purposes of this ETR, the following definitions apply:

ASN.1 definition: "Definitions" for short are ASN.1 type and value definitions that have been checked by an ASN.1 tool (see TCR-TR 019 for a list of such tools). They have to conform to ITU-T Recommendation X.680 [2].

common application element: An ASN.1 type definition or ASN.1 value definition that can or is commonly used in other ASN.1 modules.

ETSI-LIB: The most recent ETS containing the current version of the ASN.1 library, hence ETS 300 655 [1].

LIB-INDEX: The most recent ETR containing the current version of index to the ASN.1 library, hence this ETR.

3.2 Abbreviations

For the purposes of this ETR, the following definitions apply:

ASN.1   Abstract Syntax Notation One

4 ASN.1 library index

Table 1 lists for every library element defined in the library the corresponding documents that import this definition from the ASN.1 library. Additionally, it lists documents that do not import these definitions but rather re-define the library element themselves.

NOTE: No users can be listed for this initial version of the ETSI-LIB.

Table 1: ASN.1 library index

Library element	Users	Definers	Note
AdditionalInfoTransfer	SS-Code	-	1
Address		ETS 300 196-1 [5]	2
AddressScreened	PresentedAddressScreened	-	2
BasicService		ETS 300 196-1 [5]	2
CallCompletion	SS-Code	-	1
CallForwarding	CallOfferingOrForwarding	-	1
CallOfferingOrForwarding	SS-Code	-	1
CallOffering	CallOfferingOrForwarding	-	1
CallRestriction	SS-Code	-	1
Charging	SS-Code	-	1
CommonComponentId		ETR 091 [4]	2
CommunityOfInterest	SS-Code	-	1
ConditionalCallForwarding	CallForwarding	-	1
etsiPrefix		-	

(continued)

Table 1 (concluded): ASN.1 library index

Library element	Users	Definers	Note
gsm-AccessId		ETR 091 [4]	2
gsm-MessagingId		ETR 091 [4]	2
gsm-NetworkId		ETR 091 [4]	2
gsm-OperationAndMaintenanceId		ETR 091 [4] ETS 300 622 [7]	2
IN-CommonComponentId		ETR 090 [3]	2
in-NetworkId		ETR 090 [3]	2
in-UptId		ETR 090 [3]	2
inDomainId		ETR 090 [3]	2
LineIdentification	SS-Code	-	1
mobileDomainId		ETR 091 [4]	
MultiParty	SS-Code	-	1
NSAPSubaddress	PartySubaddress	-	1
NumberDigits	PartyNumber PublicPartyNumber PrivatePartyNumber	-	1
NumberScreened	PresentedNumberScreened	-	1
PartyNumber	Address AddressScreened NumberScreened PresentedAddressUnscreened	ETS 300 196-1 [5]	2
PartySubaddress	Address AddressScreened	ETS 300 196-1 [5]	2
PresentedAddressScreened		ETS 300 196-1 [5]	2
PresentedAddressUnscreened		ETS 300 196-1 [5]	2
PresentedNumberScreened		ETS 300 196-1 [5]	2
PresentedNumberUnscreened		ETS 300 196-1 [5]	2
PrivatePartyNumber	PartyNumber	-	1
PrivateTypeOfNumber	PrivatePartyNumber	-	1
PublicPartyNumber	PartyNumber	-	1
PublicTypeOfNumber	PublicPartyNumber	-	1
ScreeningIndicator	AddressScreened NumberScreened	ETS 300 196-1 [5]	2
SS-Code		ETS 300 599 [6]	2
SS-Status		ETS 300 599 [6]	2
SubaddressInformation	UserSpecifiedSubaddress	-	1
UnconditionalCallForwarding	CallForwarding	-	1
UserSpecifiedSubaddress	PartySubaddress	-	1
NOTE 1: This element is a substructure for the library element listed under "Users". It is invisible to the outside world, because this substructure is **not** exported. For change requests, please refer to the "Users" and "Definers" of the element listed under "Users".			
NOTE 2: No list of users of the library element re-defined by the document specified in "Definers" is provided. However, the usage of this library element by another standard was an indication for the inclusion into the library. The actual number of standards using this re-definition of the library element is unknown.			

Annex A: Bibliography

The rules and procedures stated in the following reference were applied to this ETR:

-                              TCR-TR 046: "ASN.1 library rules and procedures; Version 1".

    NOTE 1:   TCR-TR 046 is only available to ETSI members.

The following reference is given for informative purposes.

-                              TCR-TR 019 (1994): "Signalling Protocols and Switching (SPS); Evaluation of
                              ASN.1 tools for use as syntax and semantics checkers".

    NOTE 2:   TCR-TR 019 is only available to ETSI members.

History

Document history	
November 1995	First Edition
February 1996	Converted into Adobe Acrobat Portable Document Format (PDF)