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Digitalno omrežje z integriranimi storitvami (ISDN) – Sistem signalizacije CCITT št. 7 – Krmilni del signalizacijske zveze (SCCP) – [nepovezavna storitev] za podporo mednarodnemu medsebojnemu povezovanju

Integrated Services Digital Network (ISDN); Signalling System No.7; Signalling Connection Control Part (SCCP) [connectionless service] to support international interconnection

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Signalling Protocols and Switching (SPS) Technical Committee of the European Telecommunications Standards Institute (ETSI), as working document T/S 43-03, and was adopted having passed through the ETSI standards approval procedure.

This ETS is based on CCITT Recommendations Q.711 [1] to Q.714 [4] as recommended in the CCITT Blue Book, 1988. The requirements of these CCITT Recommendations apply unless modified by the exception statements contained in Clause 4 of this ETS. In addition, the standard includes the specific requirements contained in Clause 5 of this ETS.

CCITT Recommendation Q.716 [5] shall also apply.

This ETS is also based on the following assumptions concerning the interconnection of national Signalling Connection Control Parts (SCCPs):

- the Message Transfer Part (MTP) specified in ETS 300 008 [6] supports the SCCP for international interconnection;

- at present, no SCCP users (subsystem) have been identified in the international network and, therefore, no need exists for management messages to be originated or terminated. However, Unitdata messages containing management information should be carried in the international network as all other Unitdata messages.

- a global title including the country code, is required for routing in the international network. The global title format of CCITT Recommendation Q.713 [3], § 3.4.2.3.4, is to be used (Global Title Indicator = 0100).

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1 Scope

The scope of this ETS is the further development of the CCITT Signalling System No. 7 protocols for both the Integrated Services Digital Network (ISDN) and Public Switched Telephone Network (PSTN) following the publication of CCITT Recommendations Q.711 [1] to Q.714 [4] and Q.716 [5].

This ETS is applicable to the international network and is not meant to restrict national networks. It provides the connectionless relay point functions, gateway functions but not end point functions.

The SCCP gateway functions are relay functions that bridge two MTP networks.

2 Normative references

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

[1]	CCITT Recommendation Q.711 (1988): "Functional description of the signalling connection control part".
[2]	CCITT Recommendation Q.712 (1988): "Definition and function of SCCP messages".
[3]	CCITT Recommendation Q.713 (1988): "SCCP formats and codes".
[4]	CCITT Recommendation Q.714 (1988): "Signalling connection control part procedures".
[5]	CCITT Recommendation Q.716 (1988): "Signalling connection control part (SCCP) performances".
[6]	ETS 300 008 (1991): "Integrated Services Digital Network (ISDN); CCITT Signalling System No. 7; Message Transfer Part (MTP) to support international interconnection".

3 Symbols and abbreviations

For the purposes of this ETS the following abbreviations apply.

DPC	Destination Point Code
EIR	Equipment Identification Register
GT	Global Titles
HLR	Home Location Register
MAP	Mobile Application Part
MSC	Mobile Switching Centre
MTP	Message Transfer Part
RI	Routing Indicator
SCCP	Signalling Connection Control Part
SLS	Signalling Link Selection