SLOVENSKI STANDARD

SIST ETS 300 403-1:1999/C1:1999

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8][ ]Hʹbc˙ca fYÿ⁄Yˊn˙]bhⱲ[f]fUb]a]˙ghcf]ȷ Ua]˙f⁴G8 BŁ!˙Dfchc_c˙˙X][ ]HʹbⱲbʹbUfc b]ý_Y g][bUˈ]nUⱲⱲˊYˊýH˙˙%fB GG%Ł!˙G][bUˈ]nUⱲⱲˊg_Uˈca fYÿbUˈd˙UghⱲnUˊ_fa]ˊⱲYbⱲYˊjcXcj bY[U cgbcj bYⱲUˊ_˙]WⱲ!˙%˙XYˊ˙˙GdYWⱲȷ_UWⱲⱲUˊdfchc_c˙Ufɫfef`YcVˋ_cjⱲbc˙df]dcfc]ˊcˊ⁼Hɪ !H E ˙‐ˈ %ff‰ ‐ˈ ɫŁ

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]

Ta slovenski standard je istoveten z: **ETS 300 403-1/C1 Edition 1**

ICS:

33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)
35.100.30	Omrežni sloj	Network layer

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CORRIGENDUM ETS 300 403-1

June 1996

Source: ETSI TC-SPS Reference: DE/SPS-05034-1-C1

ICS: 33.080, 35.100.30

Key words: ISDN, DSS1, layer 3

**This corrigendum modifies
the European Telecommunication Standard ETS 300 403-1 (1995)**

Integrated Services Digital Network (ISDN);

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Digital Subscriber Signalling System No. one (DSS1) protocol;
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Signalling network layer for circuit-mode basic call control;

Part 1: Protocol specification

[ITU-T Recommendation Q.931 (1993), modified]

ETSI

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Foreword

This corrigendum corrects an editorial mistake in the modification of tables 3-4/Q.931 and 3-15/Q.931 in ETS 300 403-1 (1995).

The maximum length of the Low layer compatibility information element is corrected to 18 octets as stated in table 4-3 and clause ZA.2, item 23).

Amendments

The modifications of table 3-4/Q.931 and table 3-15/Q.931 shall read as follows (the correction is highlighted using shading):

Page 13, table 3-4/Q.931

Modify table 3-4/Q.931 as follows:

Message type: CONNECT Significance: global Direction: both				
Information element	**Reference**	**Direction**	**Type**	**Length**
Protocol discriminator	4.2	both	M	1
Call reference	4.3	both	M	2 - 3
Message type	4.4	both	M	1
Bearer capability	4.5	both	O (note 1)	4 - 12
Channel identification	4.5	~~both (note 2)~~ $u \rightarrow n$	O (note 3)	2 - 34
Progress indicator	4.5	both	O (note 4)	2 - 4
Display	4.5	$n \rightarrow u$	O (note 5)	2 - 82 (note 6)
Date/time	4.6	$n \rightarrow u$	O (note 7)	2 - 7
~~Signal~~	4.5	$n \rightarrow u$	~~O (note 8)~~	~~2 - 3~~
Low layer compatibility	4.5	both	O (note 9)	2 - 18
High layer compatibility	4.5	both	O (note 10)	2 - 5
NOTE 1: The Bearer capability information element is included when the procedures of subclause 5.11 for bearer capability selection apply.				
~~NOTE 2: Included in the network-to-user direction for support of the procedures in annex D.~~				
NOTE 3: Mandatory if this message is the first message in response to SETUP, unless the user accepts the B-channel indicated in the SETUP message.				
NOTE 4: Included in the event of interworking or in connection with the provision of in-band information/patterns.				
NOTE 5: Included if the network provides information that can be presented to the user.				
NOTE 6: The minimum length is 2 octets; the maximum length is ~~network dependent and is either 34 or~~ 82 octets.				
NOTE 7: As a network option, may be included to provide date and time information to the calling user for all calls or for calls involving specific telecommunication services.				
~~NOTE 8: Included if the network optionally provides information describing tones.~~				
NOTE 9: Included in the user-to-network direction when the answering user wants to return low layer compatibility information to the calling user. Included in the network-to-user direction if the user awarded the call included a Low layer compatibility information element in the CONNECT message. Optionally included for low layer compatibility negotiation, but some networks may not transport this information element to the calling user (see annex J).				
NOTE 10: The High layer compatibility information element is included when the procedures of subclause 5.12 for high layer compatibility selection apply.				

Page 4
ETS 300 403-1: November 1995/Corrigendum: June 1996
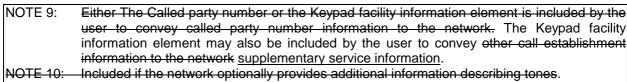
Pages 22 and 23, table 3-15/Q.931

Modify table 3-15/Q.931 as follows:

Message type: SETUP				
Significance: global				
Direction: both				
Information element	**Reference**	**Direction**	**Type**	**Length**
Protocol discriminator	4.2	both	M	1
Call reference	4.3	both	M	2 - 3
Message type	4.4	both	M	1
Sending complete	4.5	both	O (note 1)	1
~~Repeat indicator~~	~~4.5~~	~~both~~	~~O (note 2)~~	~~1~~
Bearer capability	4.5	both	M ~~(note 3)~~ (note 20)	4 - 12
Channel identification	4.5	both	O (note 4)	2 - 34
Progress indicator	4.5	both	O (note 5)	2 - 4
Network specific facilities	4.5	both	O (note 6)	2 - *
Display	4.5	n → u	O (note 7)	2 - 82 (note 8)
Keypad facility	4.5	u → n (note 19)	O (note 9)	2 - 34
~~Signal~~	~~4.5~~	~~n → u~~	~~O (note 10)~~	~~2 - 3~~
Calling party number	4.5	both	O (note 11)	2 - 24
Calling party subaddress	4.5	both	O (note 12)	2 - 23
Called party number	4.5	both	O (note 13)	2 - 23
Called party subaddress	4.5	both	O (note 14)	2 - 23
Transit network selection	4.5	u → n	O (note 15)	2 - *
~~Repeat indicator~~	~~4.5~~	~~both~~	~~O (note 16)~~	~~1~~
Low layer compatibility	4.5	both	O (note 17)	2 - 18
High layer compatibility	4.5	both	O (note 18)	2 - 5

NOTE 1: Included if the user or the network optionally indicates that all information necessary for call establishment is included in the SETUP message.

NOTE 2: ~~The Repeat indicator information element is included immediately before the first Bearer capability information element when the bearer capability negotiation procedure is used (see annex L)~~

NOTE 3: ~~June be repeated if the bearer capability negotiation procedure is used (see annex L). For bearer capability negotiation, two Bearer capability information elements may be included in descending order of priority, i.e. highest priority first. Although support of multiple Bearer capability information elements may not be supported on all networks, on networks that do support it, and through suitable subscription arrangements, two Bearer capability information elements may be included (see 5.11). When they are not preceded by a Repeat indicator information element they are included in ascending order of priority.~~

NOTE 4: Mandatory in the network-to-user direction. Included in the user-to-network direction when the user wants to indicate a channel. If not included, its absence is interpreted as "any channel acceptable".

NOTE 5: Included in the event of interworking or in connection with the provision of in-band information/patterns.

NOTE 6: Included by the calling user or the network to indicate network specific facilities information (see annex E).

NOTE 7: Included if the network provides information that can be presented to the user.

NOTE 8: The minimum length is 2 octets; the maximum length is ~~network dependent and is either 34 or~~ 82 octets.

(continued)

NOTE 9:	~~Either~~ The Called party number ~~or the Keypad facility~~ information element is included by the ~~user to convey called party number information to the network.~~ The Keypad facility information element may also be included by the user to convey ~~other call establishment information to the network~~ supplementary service information.
~~NOTE 10:~~	~~Included if the network optionally provides additional information describing tones.~~
NOTE 11:	June be included by the calling user or the network to identify the calling user. Not included for basic call control, but may be included for some supplementary services.
NOTE 12:	Included in the user-to-network direction when the calling user wants to indicate the calling party subaddress. Not included in the network-to-user direction for basic call control, but may be included for some supplementary services.
NOTE 13:	~~Either~~ The Called party number ~~or the Keypad facility~~ information element is included by the user to convey called party number information to the network. The Called party number information element is included by the network when called party number information is conveyed to the user.
NOTE 14:	Included in the user-to-network direction when the calling user wants to indicate the Called party subaddress. Included in the network-to-user direction if the calling user included a Called party subaddress information element in the SETUP message.
NOTE 15:	Included by the calling user to select a particular transit network (see annex C).
~~NOTE 16:~~	~~Included when two or more Low layer compatibility information elements are included for low layer compatibility negotiation.~~
NOTE 17:	Included in the user-to-network direction when the calling user wants to pass low layer compatibility information to the called user. Included in the network-to-user direction if the calling user included a Low layer compatibility information element in the SETUP message. ~~Two, three or four information elements may be included in descending order of priority, i.e. highest priority first, if the low layer compatibility negotiation procedures are used (see annex J).~~
NOTE 18:	Included in the user-to-network direction when the calling user wants to pass high layer compatibility information to the called user. Included in the network-to-user direction if the calling user included a High layer compatibility information element in the SETUP message. Although support of multiple High layer compatibility information elements may not be supported on all networks, on networks that do support it, and through suitable subscription arrangements, two High layer compatibility information elements may be included (see subclause 5.12). When they are not preceded by a Repeat indicator information element, they are included in ascending order of priority.
NOTE 19:	The use of the Keypad facility information element in the network-to-user direction to convey supplementary service information as part of keypad protocol is a network option.
NOTE 20:	Although support of multiple Bearer capability information elements may not be supported on all networks, on networks that do support it, and through suitable subscription arrangements, two Bearer capability information elements may be included (see subclause 5.11). When they are not preceded by a Repeat indicator information element, they are included in ascending order of priority.

History

Document history			
November 1994	Public Enquiry	PE 73:	1994-11-07 to 1995-03-03
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June 1996	Corrigendum to First Edition		

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