

ü]fc\_cdUgcj bc`X][ ]HJbc`ca fYy^Y`n`]bhY[ f]fUbj]a ]`gfcf]hj Ua ]`f6 !=G8 BŁ!`G][ bU]nUWY`U  
 ýH`+`!` : i b\_WY`Y]b`gdcfc ]Ugdcfc ]bc!dfYbcgbY[ UXYUfA HDŁHfYhY`d`Ugh]`nU  
 dcXdcfc`a YXbUfcXbY[ Ua YXgYVc`bY[ Udcj Yncj Ub`U!`%`XY. `GdYVY]Z\_UWY`U  
 dfcfc\_c`UfHfYcV]\_cj Ubc`df]dcfc ]c`=H !H`E "&&%"\$`f% - \* Ł

Broadband Integrated Services Digital Network (B-ISDN); Signalling System No.7; Message Transfer Part (MTP) level 3 functions and messages to support international interconnection; Part 1: Protocol specification [ITU-T Recommendation Q.2210 (1996), modified]

**Ta slovenski standard je istoveten z: EN 301 004-1 V1.1.3.2001 - , !\$)**

**ICS:**

33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)
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**DSIST EN 301 004-1:2001 - - en**



# EN 301 004-1 V1.1.3 (1998-02)

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*European Standard (Telecommunications series)*

**Broadband Integrated Services Digital Network (B-ISDN);  
Signalling System No.7;  
Message Transfer Part (MTP) level 3 functions and messages  
to support international interconnection;  
Part 1: Protocol specification**

[ITU-T Recommendation Q.2210 (1996), modified]

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*European Telecommunications Standards Institute*

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DEN/SPS-02032 (9ao90ie0.PDF)

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**Keywords**

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## Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Signalling Protocols and Switching (SPS).

The present document is part 1 of a multi-part standard covering the Broadband Integrated Services Digital Network (B-ISDN) Message Transfer Part (MTP) level 3 functions and messages to support international interconnection, as identified below:

**Part 1:** "**Protocol specification [ITU-T Recommendation Q.2210 (1996), modified]**";

Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification".

<b>National transposition dates</b>	
Date of adoption of this EN:	6 February 1998
Date of latest announcement of this EN (doa):	31 May 1998
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 November 1998
Date of withdrawal of any conflicting National Standard (dow):	30 November 1998

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## Endorsement notice

The text of ITU-T Recommendation Q.2210 (1996) was approved by ETSI as an EN with agreed modifications as given below.

NOTE: New or modified text is indicated using sidebars. In addition, underlining and/or strike-out are used to highlight detailed modifications where necessary.

## clause 1

Replace clause 1 by:

---

### 1      Scope

This first part of EN 301 004 defines the Message Transfer Part (MTP) level 3 functions and messages using the services of ETS 300 438-1 [2] for use in the international network and, optionally, in national networks.

The present document is applicable to the international network and is not meant to restrict national networks.

## clause 2

Replace clause 2 by:

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### 2      Normative references

References may be made to:

- a) specific versions of publications (identified by date of publication, edition number, version number, etc.), in which case, subsequent revisions to the referenced document do not apply; or
- b) all versions up to and including the identified version (identified by "up to and including" before the version identity); or
- c) all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or
- d) publications without mention of a specific version, in which case the latest version applies.

A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] ETS 300 008-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; Message Transfer Part (MTP) to support international interconnection; Part 1: Protocol specification".
- [2] ETS 300 438-1: "Broadband Integrated Services Digital Network (B-ISDN); Signalling ATM Adaptation Layer (SAAL); Service Specific Co-ordination Function (SSCF) for support of signalling at the Network Node Interface (NNI); Part 1: Specification of SSCF at NNI [ITU-T Recommendation Q.2140 (1995), modified]".

## clause 3

Add the following abbreviations at the appropriate positions:

<u>ISDN</u>	<u>Integrated Services Digital Network</u>
<u>LSSU</u>	<u>Link Status Signal Unit</u>
<u>MSU</u>	<u>Message Signal Unit</u>
<u>PSTN</u>	<u>Public Switched Telephone Network</u>
<u>SP</u>	<u>Signalling Point</u>
<u>STP</u>	<u>Signalling Transfer Point</u>
<u>TFP</u>	<u>Transfer Prohibited message</u>
<u>TRA</u>	<u>Traffic Restart Allowed message</u>
<u>UPU</u>	<u>User Part Unavailable message</u>

## Throughout the text of ITU-T Recommendation Q.2210

Replace references as shown in the following table.

Reference in ITU-T Recommendation Q.2210	Modified reference
ITU-T Recommendation Q.701 [4]	ITU-T Recommendation Q.701 as modified by ETS 300 008-1 [1]
ITU-T Recommendation Q.703 [8]	ITU-T Recommendation Q.703 as modified by ETS 300 008-1 [1]
ITU-T Recommendation Q.704 [2]	ITU-T Recommendation Q.704 as modified by ETS 300 008-1 [1]
ITU-T Recommendation Q.2140 [1]	ITU-T Recommendation Q.2140 as modified by ETS 300 438-1 [2]

### (National) options

No national options, or remarks with regard to national options, shall apply to the present document. For any other options ETS 300 008-1 [1] applies.

### subclause 9.9, second paragraph

Replace the second paragraph by:

For all other timers and timer values ITU-T Recommendation Q.704 as modified by ETS 300 008-1 [1] applies.

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## Annex ZA (normative): Additional requirements

### ZA.1 Link loading

The requirements in clause ZA.1 of ETS 300 008-1 [1] shall apply.