



SLOVENSKI STANDARD

DSIST ETS 300 205:1997

01-1001-1997

**Digitalno omrežje z integriranimi storitvami (ISDN) - Dopolnilna storitev:
preusmeritev klica, ko ni odziva (CFNR) - Funkcijske zmožnosti in informacijski
tokovi**

Integrated Services Digital Network (ISDN); Call Forwarding No Reply (CFNR)
supplementary service; Functional capabilities and information flows

Ta slovenski standard je istoveten z: ETS 300 205 E1.1 - 1997

ICS:

33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)
--------	---	---

DSIST ETS 300 205:1997

en



EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 205

January 1995

Source: ETSI TC-SPS

Reference: T/S 22-06,3

ICS: 33.080

Key words: ISDN, supplementary service.

**Integrated Services Digital Network (ISDN);
Call Forwarding No Reply (CFNR) supplementary service
Functional capabilities and information flows**

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE

Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

X.400: c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

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 1995. All rights reserved.

Contents

Foreword.....	5
1 Scope	7
2 Normative references	7
3 Definitions.....	8
4 Abbreviations	9
5 Description	9
6 Derivation of the functional model	9
6.1 Functional model description	9
6.2 Description of the FEs	10
6.3 Relationship with a basic service	10
7 Information flows.....	10
7.1 Information flow diagrams.....	10
7.2 Definition of individual information flows.....	17
7.2.1 Relationship ra	17
7.2.1.1 Contents of INFORM2	17
7.2.1.2 Contents of INFORM7	17
7.2.2 Relationship rb	17
7.2.2.1 Contents of INFORM1	17
7.2.2.2 Contents of INFORM6	18
7.2.3 Relationship rc	18
7.2.3.1 Contents of INFORM10 (rerouteing request).....	18
7.2.4 Relationship rd	19
7.2.4.1 Contents of INFORM3	19
7.2.5 Relationship re	19
7.2.5.1 Contents of INFORM4	19
7.2.5.2 Contents of INFORM6	20
7.2.6 Relationship rf	20
7.2.6.1 Contents of INFORM4	20
7.2.6.2 Contents of INFORM6	20
7.2.7 Relationship rg	21
7.2.7.1 Contents of INFORM5	21
8 SDL diagrams for FEs	21
8.1 FE1.....	22
8.2 FE2.....	23
8.3 FE3.....	27
8.4 FE4.....	35
8.5 FE5.....	41
8.6 FE6.....	42
8.7 FE7.....	46
8.8 FE8.....	49
9 Functional Entity Actions (FEAs).....	50
9.1 FEAs of FE1	50
9.2 FEAs of FE2.....	50
9.3 FEAs of FE3.....	50
9.4 FEAs of FE4.....	50

9.5	FEAs of FE5.....	51
9.6	FEAs of FE6.....	51
9.7	FEAs of FE7.....	51
9.8	FEAs of FE8.....	51
10	Allocation of FEs to physical locations.....	52
Annex A (informative):	Explanatory model for multiple diversion.....	53
Annex B (normative):	Activation, deactivation, registration and interrogation.....	54
B.1	Definitions.....	54
B.2	Description.....	54
B.3	Derivation of the functional model.....	55
B.3.1	Functional model description.....	55
B.3.2	Description of the FEs.....	55
B.3.3	Relationship with a basic service.....	56
B.3.4	Relationship of the user's Service Control Model (SCM) to the CFNR supplementary service FE model.....	56
B.4	Information flows.....	57
B.4.1	Information flow diagram for the SSC.....	57
B.4.2	Definition of individual information flows.....	58
B.4.2.1	Relationship rx.....	58
B.4.2.1.1	Contents of ACTIVATION.....	58
B.4.2.1.2	Contents of DEACTIVATION.....	59
B.4.2.2	Relationship ry.....	59
B.4.2.2.1	Contents of INFORM1.....	59
B.4.2.2.2	Contents of INFORM2.....	60
B.4.2.2.3	Contents of INTERROGATION.....	60
B.4.2.2.4	Contents of NUMBER INTERROGATION.....	61
B.5	SDL diagrams for SCEs.....	61
B.5.1	SCE1.....	62
B.5.2	SCE2.....	63
B.5.3	SCE3.....	66
B.6	SCE actions.....	67
B.6.1	SCE1.....	67
B.6.2	SCE2.....	67
B.6.3	SCE3.....	67
B.7	Allocation of SCEs to physical locations.....	67
History	68

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).

In accordance with CCITT Recommendation I.130, the following three level structure is used to describe the supplementary telecommunication services as provided by European public telecommunications operators under the pan-European Integrated Services Digital Network (ISDN):

- Stage 1: is an overall service description, from the user's standpoint;
- Stage 2: identifies the functional capabilities and information flows needed to support the service described in stage 1; and
- Stage 3: defines the signalling system protocols and switching functions needed to implement the service described in stage 1.

This ETS details the stage 2 aspects (functional capabilities and information flows) needed to support the Call Forwarding No Reply (CFNR) supplementary service. The stage 1 and stage 3 aspects are detailed in ETS 300 201 (1994) and ETS 300 207-1 (1994), respectively.

Proposed transposition dates	
Date of latest announcement of this ETS (doa):	31 March 1995
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 September 1995
Date of withdrawal of any conflicting National Standard (dow):	30 September 1995a

Blank page