



SLOVENSKI STANDARD
SIST ETS 300 374-5:1998

01-september-1998

Intelligentno omrežje (IN) - Prvi nabor zmožnosti (CS1) inteligentnega omrežja - Jedrni aplikacijski protokol inteligentnega omrežja (INAP) - 5. del: Specifikacija protokola vmesnika med funkcijo krmiljenja storitev (SCF) in funkcijo storitvenih podatkov (SDF)

Intelligent Network (IN); Intelligent Network Capability Set 1 (CS1); Core Intelligent Network Application Protocol (INAP); Part 5: Protocol specification for the Service Control Function (SCF) - Service Data Function (SDF) interface

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Ta slovenski standard je istoveten z: ETS 300 374-5 Edition 1

ICS:

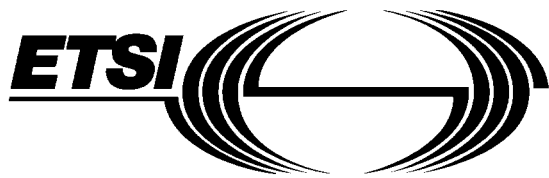
33.040.35 Telefonska omrežja Telephone networks

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EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 374-5

November 1996

Source: ETSI TC-SPS

Reference: DE/SPS-03032-1

ICS: 33.080, 35.100.70

Key words: IN, CS1, INAP

**Intelligent Network (IN);
Intelligent Network Capability Set 1 (CS1);
Core Intelligent Network Application Protocol (INAP);
Part 5: Protocol specification for the Service Control
Function (SCF) - Service Data Function (SDF) interface**

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Contents

| | |
|--|---|
| Foreword | 5 |
| 1 Scope | 7 |
| 2 Normative references | 7 |
| 3 Abbreviations..... | 7 |
| 4 Segmentation and re-assembly of INAP messages..... | 8 |
| 5 IN X.500 directory access protocol subset..... | 8 |
| 6 SCF and SDF Finite State Machines (FSMs)..... | 8 |
| 7 SDF operations and errors | 8 |
| 8 SDL diagrams for SCF and SDF FSMs | 8 |
| History..... | 9 |

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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).

This ETS is based on the latest version of ITU-T Recommendation Q.1218.

This ETS is part 5 of a multi-part standard covering the Capability Set 1 (CS1) core Intelligent Network Protocol (INAP) as described below:

- Part 1: "Protocol specification";
- Part 2: "Protocol Implementation Conformance Statement (PICS) proforma specification";
- Part 3: "Test Suite Structure and Test Purposes (TSS&TP) specification for Service Switching Function (SSF) and Specialized Resource Function (SRF)";
- Part 4: "Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for SSF and SRF";
- Part 5: "Protocol specification for the Service Control Function (SCF) - Service Data Function (SDF) interface";**
- Part 6: "PICS proforma specification for the SCF-SDF interface".

NOTE: Further parts may be identified after the publication of this ETS.

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| Transposition dates | |
|---|------------------|
| Date of adoption | 22 November 1996 |
| Date of latest announcement of this ETS (doa): | 28 February 1997 |
| Date of latest publication of new National Standard or endorsement of this ETS (dop/e): | 31 August 1997 |
| Date of withdrawal of any conflicting National Standard (dow): | 31 August 1997 |

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1 Scope

This fifth part of ETS 300 374 provides an extension of the core Intelligent Network Application Protocol (INAP) of Intelligent Network (IN) Capability Set 1 (CS1) as specified in ETS 300 374-1 [4]. It supports interactions between the following two Functional Entities (FEs), as defined in the IN functional model:

- Service Control Function (SCF);
- Service Data Function (SDF).

This ETS is intended as a guide to implementors and network operators to ensure interworking between different manufacturers equipment for the IN CS1 SCF-SDF interface and between network operators for the same interface.

2 Normative references

This ETS incorporates by dated and 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] ITU-T Recommendation Q.1218 (1995): "Interface Recommendation for intelligent network CS-1".
- [2] ETS 300 009-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; Signalling Connection Control Part (SCCP) (connectionless and connection-oriented class 2) to support international interconnection; Part 1: Protocol specification [ITU-T Recommendations Q.711 to Q.714 and Q.716 (1993), modified]".
- [3] ETS 300 287-1: "Integrated Services Digital Network (ISDN); Signalling System No.7; Transaction Capabilities (TC) version 2; Part 1: Protocol specification [ITU-T Recommendations Q.771 to Q.775 (1993), modified]".
- [4] ETS 300 374-1 (1994): "Intelligent Network (IN); Intelligent Network Capability Set 1 (CS1); Core Intelligent Network Application Protocol (INAP); Part 1: Protocol specification".

3 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

| | |
|------|--|
| CS1 | Capability Set 1 |
| FE | Functional Entity |
| FSM | Finite State Machine |
| IN | Intelligent Network |
| INAP | Intelligent Network Application Protocol |
| SCF | Service Control Function |
| SDF | Service Data Function |
| SDL | Specification and Description Language |