

ETSI EN 301 810 V1.2.1 (2004-01)

European Standard (Telecommunications series)

**Private Integrated Services Network (PISN);
Inter-exchange signalling protocol;
Private User Mobility (PUM);
Call handling Additional Network Feature (ANF)**

[ISO/IEC 17878 (2003), modified]



Reference

REN/ECMA-00258

Keywords

ANF, endorsement, PISN, PUM, QSIG, stage 3**ETSI**

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Foreword

This European Standard (Telecommunications series) has been produced by ECMA on behalf of its members and those of the European Telecommunications Standards Institute (ETSI).

The present document is one of a series of standards defining services and signalling protocols applicable to Private Integrated Services Networks (PISN). The series uses the Integrated Services Digital Network (ISDN) concepts as developed by ITU-T and conforms to the framework of standards for Open Systems Interconnection (OSI) as defined by ISO/IEC.

The present document specifies the signalling protocol for use at the Q reference point for Private User Mobility call handling additional network features ANF-PUMI and ANF-PUMO.

The protocol defined in the present document forms part of the PSS1 protocol (informally known as QSIG).

The present document endorses an International Standard, ISO/IEC 17878.

National transposition dates	
Date of adoption of this EN:	19 December 2003
Date of latest announcement of this EN (doa):	31 March 2004
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 September 2004
Date of withdrawal of any conflicting National Standard (dow):	30 September 2004

Endorsement notice

The elements of International Standard ISO/IEC 17878 (2003) apply, with the following modifications.

Clause 3

Replace the first paragraph by:

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

Insert the following normative references at the end of clause 3:

- | | |
|------|---|
| [30] | ETSI EN 300 189: "Private Integrated Services Network (PISN); Addressing [ISO/IEC 11571 (1998), modified]". |
| [31] | ETSI EN 300 172: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Circuit-mode basic services [ISO/IEC 11572 (2000), modified]". |
| [32] | ETSI EN 300 171: "Private Integrated Services Network (PISN); Service description, functional capabilities and information flows; Circuit-mode 64 kbit/s bearer services [ISO/IEC 11574 (2000), modified]". |
| [33] | ETSI ETS 300 475-1: "Private Telecommunication Network (PTN); Reference configuration; Part 1: Reference configuration for PTN eXchanges (PTNXs) [ISO/IEC 11579-1 (1994), modified]". |
| [34] | ETSI EN 300 239: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Generic functional protocol for the support of supplementary services [ISO/IEC 11582 (2002), modified]". |
| [35] | ETSI EN 300 238: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Name identification supplementary service [ISO/IEC 13868 (2003), modified]". |
| [36] | ETSI EN 300 257: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call diversion supplementary service [ISO/IEC 13873 (2003), modified]". |
| [37] | ETSI EN 300 259: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Path replacement Additional Network Feature (ANF) [ISO/IEC 13874 (2003), modified]". |
| [38] | ETSI EN 300 362: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call offer supplementary service [ISO/IEC 14843 (2003), modified]". |
| [39] | ETSI EN 300 364: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Do not disturb and do not disturb override supplementary services [ISO/IEC 14844 (2003), modified]". |
| [40] | ETSI EN 300 426: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call intrusion supplementary service [ISO/IEC 14846 (2003), modified]". |
| [41] | ETSI EN 301 264: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Advice of charge supplementary services [ISO/IEC 15050 (2003), modified]". |
| [42] | ETSI EN 301 265: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call interception Additional Network Feature (ANF) [ISO/IEC 15054 (2003), modified]". |

- [43] ETSI EN 301 048: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Transit counter additional network feature [ISO/IEC 15056 (1997), modified]".
- [44] ETSI EN 301 827: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Wireless terminal call handling Additional Network Feature (ANF) [ISO/IEC 15431 (2003), modified]".
- [45] ETSI EN 301 255: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Message waiting indication supplementary service [ISO/IEC 15506 (2003), modified]".
- [46] ETSI EN 301 820: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Common information Additional Network Feature (ANF) [ISO/IEC 15772 (2003), modified]".
- [47] ETSI EN 301 656: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call priority interruption and call priority interruption protection supplementary services [ISO/IEC 15992 (2003), modified]".
- [48] ETSI EN 301 822: "Private Integrated Services Network (PISN); Specification, functional models and information flows; Private User Mobility (PUM); Registration supplementary service [ISO/IEC 17875 (2000), modified]".
- [49] ETSI EN 301 821: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Private User Mobility (PUM); Registration supplementary service [ISO/IEC 17876 (2003), modified]".
- [50] ETSI EN 301 657: "Private Integrated Services Network (PISN); Specification, functional model and information flows; Private User Mobility (PUM); Call handling Additional Network Features (ANFs) [ISO/IEC 17877 (2000) modified]".

Throughout the text of ISO/IEC 17878

Replace references as shown in the table below.

Reference in ISO/IEC 17878	Modified reference
ISO/IEC 11571	EN 300 189 [30]
ISO/IEC 11572	EN 300 172 [31]
ISO/IEC 11574	EN 300 171 [32]
ISO/IEC 11579-1	ETS 300 475-1 [33]
ISO/IEC 11582	EN 300 239 [34]
ISO/IEC 13868	EN 300 238 [35]
ISO/IEC 13873	EN 300 257 [36]
ISO/IEC 13874	EN 300 259 [37]
ISO/IEC 14843	EN 300 362 [38]
ISO/IEC 14844	EN 300 364 [39]
ISO/IEC 14846	EN 300 426 [40]
ISO/IEC 15050	EN 301 264 [41]
ISO/IEC 15054	EN 301 265 [42]
ISO/IEC 15056	EN 301 048 [43]
ISO/IEC 15431	EN 301 827 [44]
ISO/IEC 15506	EN 301 255 [45]
ISO/IEC 15772	EN 301 820 [46]
ISO/IEC 15992	EN 301 656 [47]
ISO/IEC 17875	EN 301 822 [48]
ISO/IEC 17876	EN 301 821 [49]
ISO/IEC 17877	EN 301 657 [50]

Replace the terms "this International Standard" by "the present document".

History

Document history		
V1.1.1	October 2000	Publication
V1.2.1	August 2003	One-step Approval Procedure OAP 20031219; 2003-08-20 to 2003-12-19
V1.2.1	January 2004	Publication