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**Private Integrated Services Network (PISN);
Inter-exchange signalling protocol;
Diversion supplementary services**

[ISO/IEC 13873 (1995) modified]

ETSI

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

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Foreword

This second edition European Telecommunication Standard (ETS) has been produced by the Communication, Networks, and Systems Interconnection Technical Committee (TC32) of ECMA on behalf of its members and those of the European Telecommunications Standards Institute (ETSI).

This ETS 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.

This particular ETS specifies the QSIG protocol for use at the Q reference point in support of the Diversion supplementary services. The QSIG protocol is known as "Private integrated Signalling System no. 1" (PSS1) in International Standards.

The Diversion supplementary services are:

- Call Forwarding Unconditional (SS-CFU);
- Call Forwarding Busy (SS-CFB);
- Call Forwarding No Reply (SS-CFNR); and
- Call Deflection (SS-CD).

The previous (first) edition of this ETS contained a "standalone" definition of the protocol. This edition endorses an International Standard, ISO/IEC 13873, published since the publication of the first edition of this ETS.

| Transposition dates | |
|---|------------------|
| Date of adoption of this ETS: | 30 November 1995 |
| Date of latest announcement of this ETS (doa): | 28 February 1996 |
| Date of latest publication of new National Standard or endorsement of this ETS (dop/e): | 31 August 1996 |
| Date of withdrawal of any conflicting National Standard (dow): | 31 August 1996 |

Endorsement notice

The text of International Standard ISO/IEC 13873 (1995) was approved by ETSI as an ETS 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 3

Replace the first paragraph by:

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.

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

- [16] ETS 300 171 (1992): "Private Telecommunication Network (PTN); Specification, functional models and information flows Control aspects of circuit mode basic services".
- [17] ETS 300 172 (1995): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol Circuit-mode basic services" 3rd edition.
- [18] ETS 300 207-1 (1995): "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol Part 1: Protocol specification".
- [19] ETS 300 238 (1995): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol Name Identification supplementary services" 2nd edition.
- [20] ETS 300 239 (1995): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol Generic functional protocol for the support of supplementary services" 2nd edition.
- [21] ETS 300 256 (1993): "Private Telecommunication Network (PTN); Specification, functional models and information flows Diversion supplementary services".
- [22] ETS 300 261 (1995): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol Call transfer supplementary service" 2nd edition.
- [23] ETS 300 366 (1995): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol Call completion supplementary services" 2nd edition.
- [24] ETS 300 387 (1994): "Private Telecommunication Network (PTN); Method for the specification of basic and supplementary services".
- [25] ETS 300 475-1 (1995): "Private Integrated Services Network (PISN); Reference configuration Part 1: Reference configuration for PTN eXchanges (PINXs)".

Throughout the text of ISO/IEC 13873

Throughout the text of ISO/IEC 13873, replace references as shown in the table below:

| Reference in ISO/IEC 13873 | Modified reference |
|----------------------------|--------------------|
| CCITT Recommendation I.130 | ETS 300 387 [24] |
| ISO/IEC 11572 | ETS 300 172 [17] |
| ISO/IEC 11574 | ETS 300 171 [16] |
| ISO/IEC 11582 | ETS 300 239 [20] |
| ISO/IEC 11579-1 | ETS 300 475-1 [25] |
| ISO/IEC 13868 | ETS 300 238 [19] |
| ISO/IEC 13869 | ETS 300 261 [22] |
| ISO/IEC 13870 | ETS 300 366 [23] |
| ISO/IEC 13872 | ETS 300 256 [21] |
| ITU-T Recommendation Q.952 | ETS 300 207-1 [18] |

Throughout the text of ISO/IEC 13873

Throughout the text of ISO/IEC 13873, replace the term "International Standard" by "ETS".

Subclause 6.3.1, Table 2, Sheet 3

Modify the 2nd line of the 2nd comment (beginning "- - The basic call ...") in the definition of the CallRerouteing operation, as follows:

" - layer compatibility, Progress indicator and Party category can be embedded in the".

Subclause 6.5.3.1.5

In the 5th bullet item of subclause 6.5.3.1.5, replace the words "Low layer compatibility and Progress indicator," by "Low layer compatibility, Progress indicator and Party category,".

Subclause 6.5.4.1

In the 3rd bullet item of the 3rd paragraph in subclause 6.5.4.1, replace the words "Low layer compatibility and Progress indicator information elements," by "Low layer compatibility, Progress indicator and Party category information elements,".

Subclause 6.5.4.1

Insert before the 4th paragraph (beginning "The following data elements ..."), a new paragraph as follows:

If the Transit counter information element is used in the new SETUP message, it shall contain the value zero in the transit count field.

History

| Document history | |
|------------------|--|
| November 1993 | First Edition |
| June 1995 | Unified Approval Procedure UAP 31: 1995-06-19 to 1995-10-13 |
| November 1995 | Second Edition |
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