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STANDARD

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**Information technology —  
Telecommunications and information  
exchange between systems — Private  
Integrated Services Network —  
Specification, functional model and  
information flows — Name identification  
supplementary services**

*Technologies de l'information — Télécommunications et échange  
d'information entre systèmes — Réseau privé à intégration de  
services — Spécification, modèle fonctionnel et flux d'informations —  
Services supplémentaires d'identification de nom*



Reference number  
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## Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC1. Draft International Standards adopted by the joint technical committee are circulated to the national bodies for voting. Publication as an International Standard requires approval by at least 75% of the national bodies casting a vote.

International Standard ISO/IEC 13864 was prepared by Joint Committee ISO/IEC JTC1, *Information Technology*, Subcommittee SC6, *Telecommunications and information exchange between systems*.

Annex A forms an integral part of this International Standard.

## **Introduction**

This International Standard is one of a series of ISO International Standards defining services and signalling protocols applicable to Private Integrated Services Networks. The series uses the ISDN concepts as developed by ITU-T and conforms to the framework of standards for Open Systems Interconnection as defined by ISO/IEC.

This particular International Standard specifies the Name Identification Supplementary Services.

# Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Name identification supplementary services

This International Standard specifies the supplementary services Calling Name Identification Presentation (SS-CNIP), Connected Name Identification Presentation (SS-CONP) and Calling/Connected Name Identification Restriction (SS-CNIR), which are applicable to various basic services supported by Private Integrated Services Networks (PISNs). Basic services are specified in ISO/IEC 11574.

Calling Name Identification Presentation (CNIP) is a supplementary service which is offered to the called user and which provides the name of the calling user (calling party name) to the called user.

Connected Name Identification Presentation (CONP) is a supplementary service which is offered to the calling user and which provides to the calling user the following:

- the name of the user who answers the call (connected party name);
- optionally the name of the alerting user (called party name);
- optionally the name of the called user who cannot be reached (busy party name).

Calling/Connected Name Identification Restriction (CNIR) is a supplementary service which is offered to a user to restrict presentation of that user's name to another user.

Service specifications are produced in three stages, according to the method described in CCITT Recommendations I.130.

This International Standard contains the stage 1 and 2 specifications of the Name Identification supplementary services. The stage 1 specifications (clauses 6,7 and 8) specify the supplementary services as seen by users of PISNs. The stage 2 specifications (clauses 9,10 and 11) identify the functional entities involved in the supplementary services and the information flows between them.

## 2 Conformance

In order to conform to this International Standard, a Stage 3 standard shall specify signalling protocols and equipment behaviour that are capable of being used in a PISN which supports the supplementary services specified in this International Standard. This means that, to claim conformance, a Stage 3 standard is required to be adequate for the support of those aspects of clauses 6, 7 and 8 (stage 1) and clauses 9,10 and 11 (stage 2) which are relevant to the interface or equipment to which the Stage 3 Standard applies.

## 3 Normative References

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO/IEC 11574:1994, *Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Circuit-mode 64 kbit/s bearer services — Service description, functional capabilities and information flows.*



ISO/IEC 11579-1:1994, *Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Part 1: Reference configuration for PISN exchanges (PINX)*.

ISO/IEC 13872:1995, *Information technology — Telecommunications and information exchange between systems — Private Integrated Services Network — Specification, functional model and information flows — Call diversion supplementary services*.

ISO 8859-1:1987, *Information processing — 8-bit single-byte coded graphic character sets — Part 1: Latin alphabet No. 1*.

CCITT Rec. I.112, *Vocabulary of terms for ISDN (Blue Book)*.

CCITT Rec. I.130, *Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN (Blue Book)*.

CCITT Rec. I.210, *Principles of telecommunication services supported by an ISDN and the means to describe them (Blue Book)*.

CCITT Rec. Z.100, *Specification and Description Language (Blue Book)*.

CCITT Rec. T.61, *Character repertoire and coded character sets for the international teletex service (Blue Book)*.