



01.01.2010

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CONNECTION INTERFACES

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VOICE

This section specifies legacy voice services over switched circuit networks.

ANALOGUE TERMINATIONS

The following national standards and guidelines apply to analogue terminations for voice services. These services are referred as Plain Old Telephone Service (POTS).

GFI 9702 Public Switched Telephone Network (PSTN);
Subscriber line protocol over the local loop for display (and related) services
February 1998. (Note 1)

GFI 9802 Kansalliset tilaajatoiminteet (National subscriber services and facilities);
September 1998 (5. ed.). (Note 2)

GFI 9803 Kansalliset tilaajatoiminteet (National subscriber services and facilities);
Yhteistoiminta toiminteiden kesken (co-operation of services) May 2001 (2. ed.).
(Note 2)

SFS 5664 Telecommunication network exchanges; Transmission characteristics,
May 1998.

SFS 5665 Telecommunication network exchanges; Interfaces, May 1998.

SFS 5876 Telecommunications network exchanges; Tones and ringing signals,
May 2000.

DIGITAL TERMINATIONS

The following international and national standards and guidelines apply to digital terminations for voice services. These services are referred as Integrated Services Digital Network (ISDN).

ETSI EN 300 011-1 Integrated Services Digital Network (ISDN);
Primary rate User Network Interface (UNI), Part 1: Layer 1 specification
May 2000.

GFI 9301 ISDN Access Signalling; Basic Call Control Procedures
November 1999 (3. ed.). (Note 2)

GFI 9302 ISDN Supplementary Services; Functional Protocol
May 2001 (4. ed). (Note 1)

GFI 9303 ISDN supplementary services; Keypad protocol November 1998 (2. ed.).
15.3.2006

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GFI 9403 ISDN Basic rate user access; Physical layer characteristics September 1994.

GFI 9801 Characteristics of analogue interface (R-interface) of ISDN terminal adapter; November 2000 (2. ed.).

ISDN Interface BA

Layer 1 I.430, ISDN Basic rate user access; Physical layer characteristics GFI 9403

Layer 2 Q.921/ETS 300 402

Layer 3 Q.931/EN 300 403

ISDN U-interface

Work group report produced by FICORA: Requirements for network termination connected to U-interface of ISDN Basic Access

ISDN Interface PRA

Layer 1 I.421

Layer 2 Q.921/ETS 300 402

Layer 3 Q.931/EN 300 403

Note 1: All facilities mentioned in this document are not necessarily offered. This document is valid only for offered facilities.

Note 2: Only DTFM method is available.