ITS

Handläggande organ

ITS, Informationstekniska standardiseringen

SVENSK STANDARD SS 63 63 57

Fastställd	Utgåva	Sida
1993-02-17	1	1 (1 + 2)

Europeiskt digitalt mobiltelesystem, GSM — Tekniska krav för fysisk anslutning till Televerkets telefonnät

Anslutning till det allmänna telenätet har tidigare reglerats genom specifikationer från Televerket. Sedan den 1 juli 1992 sker reglering genom Telestyrelsen.

Telestyrelsens mandat och arbetssätt innebär hänvisning till internationell, europeisk och svensk standard.

Ett antal specifikationer från Televerket kommer därför att överföras till svensk standard.

I denna utgåva av standarden överförs televerksspecifikation 8211-A 301 oförändrad. I nästa utgåva kommer en granskning av det tekniska innehållet och en anpassning till redigeringsreglerna för svensk standard att ske.

European digital cellular telecommunications system, GSM — Technical requirements for physical connection to the telephone network of "Televerket"

Connection to the public switched telephone network has formerly been regulated by specifications issued by "Televerket". Since July 1, 1992 "Telestyrelsen" is the Swedish regulating authority.

The mandate and way of working of "Telestyrelsen" implies references to International, European and Swedish standards.

Several specifications from "Televerket" will therefore be transferred to Swedish standards.

In this version of the standard the specification 8211-A 301 from "Televerket" is transferred unchanged. In the second version a review of the technical content and an adjustment to the editing rules for Swedish standards will be performed.

Upplysningar om **sakinnehållet** i standarden lämnas av ITS.
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SIS TRYCKERI, STOCKHOLM

TVT-STANDARD SPECIFICATION

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Requirements for physical connection of public land mobile networks according to the paneuropean digital system, GSM, to the public switched telephone network

Contents Page

1 ADOPTION DATE 1

2 SCOPE 1

3 OTHER RELATED STANDARDS 1

4 GENERAL 2

5 CONNECTION DEVICE FOR DIGITAL TRANSMISSION LINKS 2

1 ADOPTION DATE

This standard shall take effect 1991-03-01.

2 SCOPE

This standard covers requirements concerning the physical connection of public land mobile networks (PLMNs) according to the paneuropean digital system, GSM, to the public switched telephone network.

Note: This standard is provided in english only.

3 OTHER RELATED STANDARDS

See Swedish Standard:

SS 63 63 49 Telecommunications equipment - Customer Premises Network (CPNs) - Connection of CPNs to the public telecommunication network.

A 710 4614/03 (1988-11) Sakag Pru

4 GENERAL

The interconnection between the public telephone network and the PLMN takes place at an Interconnection Point, in a space made available by Televerket (see Fig. 1) and to which both Televerket and the PLMN operator have access.

The PLMN is connected by Televerket to the public switched telephone network via a connection unit, installed in the space mentioned above.

Note: Other interconnection arrangements may be defined by mutual agreement between a PLMN operator and Televerket.

For connection of PLMNs to the public switched telephone network, the requirments set forth in section 5 shall be fulfilled.

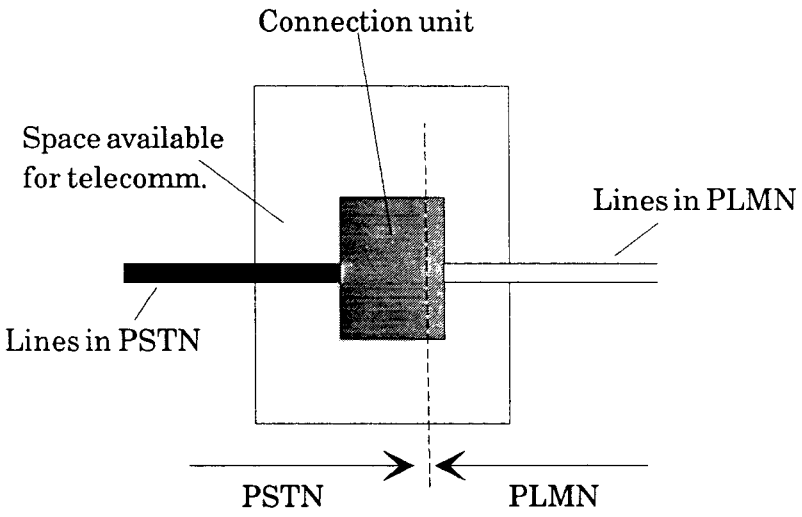

Fig.1 Connection of GSM PLMN to the public switched telephone network

5 CONNECTION DEVICE FOR DIGITAL TRANSMISSION LINKS

For connection to digital 2048 kbit/s, 8448 kbit/s and 34368 kbit/s transmission links, a BNC contact complying with the IEC standard shall be used.

Televerket installs BNC contacts (see IEC publication No. 169-8) with a 75 ohm impedance of the type fixed sleeve connector. The connection to the public switched telephone network shall be made by means of a BNC contact of the type free pin connector with a impedance of 75 ohms.