



SLOVENSKI STANDARD SIST ETS 300 139 E1:2003

01-december-2003

Digitalno omrežje z integriranimi storitvami (ISDN) – Dopolnilna storitev: zadržanje klica (HOLD) – Opis storitve

Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Service description

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Ta slovenski standard je istoveten z: **ETS 300 139 Edition 1**
SIST ETS 300 139 E1:2003
<https://standards.iteh.ai/catalog/standards/sist/58660182-5869-445e-804e-21bf601447c4/sist-ets-300-139-e1-2003>

ICS:

33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)
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EUROPEAN
TELECOMMUNICATION
STANDARD

ETS 300 139

March 1992

Source: ETSI TC-NA

Reference: T/NA1(89)27

ICS: 33.080

Key words: ISDN, supplementary service

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Integrated Services Digital Network (ISDN);
Call Hold (HOLD) supplementary service
Service description

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Network Aspects (NA) Technical Committee of the European Telecommunications Standards Institute (ETSI).

In accordance with CCITT Recommendation I.130 [1], the following three level structure is used to describe the supplementary telecommunications services as provided by European public telecommunications operators under the pan-European Integrated Services Digital Network (ISDN):

- Stage 1: is an overall service description, from the user's stand-point;
- Stage 2: identifies the functional capabilities and information flows needed to support the service described in stage 1; and
- Stage 3: defines the signalling system protocols and switching functions needed to implement the service described in stage 1.

This standard details the stage 1 aspects (overall service description) for the Call Hold (HOLD) supplementary service. The stage 2 and stage 3 aspects are detailed in ETS 300 140 (1992) and ETS 300 141 (1992), respectively.

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1 Scope

This standard defines the stage one of the Call Hold (HOLD) supplementary service for the pan-European Integrated Services Digital Network (ISDN) as provided by European public telecommunications operators. Stage one is an overall service description from the user's point of view (see CCITT Recommendation I.130 [1]), but does not deal with the details of the human interface itself.

This standard defines the interworking requirements of private ISDNs with the public ISDN.

In addition this standard specifies the base functionality where the service is provided to the user via a private ISDN.

This standard does not specify the additional requirements where the service is provided to the user via a telecommunications network that is not an ISDN but does include interworking requirements of other networks with the public ISDN.

Interactions with supplementary services not listed in Clause 8 are outside the scope of this standard.

Charging principles are outside the scope of this standard.

The HOLD supplementary service allows a user to interrupt communications on an existing call and then subsequently, if desired, re-establish communications.

Use of the HOLD supplementary service to hold calls by terminals simultaneously using more than one B-channel is outside the scope of this standard.

The HOLD supplementary service is applicable to all circuit mode basic telecommunications services. Although it may not be meaningful for some services, the network will not restrict its applicability.

This standard is applicable to the stage two and stage three standards for the ISDN HOLD supplementary service. The terms "stage two" and "stage three" are also defined in CCITT Recommendation I.130 [1]. Where the text indicates the status of a requirement, (i.e. as strict command or prohibition, as authorisation leaving freedom, as a capability or possibility), this shall be reflected in the text of the relevant stage two and stage three standards.

Furthermore, conformance to this standard is met by conforming to the stage three standards with the field of application appropriate to the equipment being implemented. Therefore no method of testing is provided for this standard.

2 Normative references

This ETS incorporates, by dated or 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.

- [1] CCITT Recommendation I.130 (1988): "Method for the characterisation of telecommunication services supported by an ISDN and network capabilities of an ISDN".
- [2] CCITT Recommendation I.112 (1988): "Vocabulary of terms for ISDNs".
- [3] CCITT Recommendation I.210 (1988): Principles of telecommunication services supported by an ISDN and the means used to describe them".
- [4] CCITT Recommendation Q.9 (1988): "Vocabulary of switching and signalling terms".