
Digitalne izboljšane brezvrtilne telekomunikacije (DECT) - Digitalno omrežje z integriranimi storitvami (ISDN) - Vzajemno delovanje DECT/ISDN v obliki vmesnega sistema - Profil izjave o skladnosti izvedbe (ICS) - 1. del: Prenosna radijska zaključitev (PT)

Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for intermediate system configuration; Profile Implementation Conformance Statement (ICS); Part 1: Portable radio Termination (PT)

Ta slovenski standard je istoveten z: EN 301 241-1 V1.1.1:1998-12

ICS:

33.070.30	Digitalne izboljšane brezvrtilne telekomunikacije (DECT)	Digital Enhanced Cordless Telecommunications (DECT)
33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)

PSIST EN 301 241-1:1999

en

EN 301 241-1 V1.1.1 (1998-12)

European Standard (Telecommunications series)

**Digital Enhanced Cordless Telecommunications (DECT);
Integrated Services Digital Network (ISDN);
DECT/ISDN interworking for intermediate
system configuration;
Profile Implementation Conformance Statement (ICS);
Part 1: Portable radio Termination (PT)**



Reference

DEN/DECT-040103-1 (bho90ico.PDF)

Keywords

DECT, ICS, ISDN, PROFILE

ETSI

Postal address

F-06921 Sophia Antipolis Cedex - FRANCE

Office address

650 Route des Lucioles - Sophia Antipolis
Valbonne - FRANCE
Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16
Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Internet

secretariat@etsi.fr
Individual copies of this ETSI deliverable
can be downloaded from
<http://www.etsi.org>

Copyright Notification

No part may be reproduced except as authorized by written permission.
The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1998.
All rights reserved.

Contents

Intellectual Property Rights.....	5
Foreword	5
1 Scope	6
2 References	6
2.1 Normative references	6
2.2 Informative references	7
3 Definitions and abbreviations	8
3.1 Definitions	8
3.2 Abbreviations.....	8
4 Conformance requirement concerning Profile ICS.....	9
Annex A (normative): System Conformance Statement (SCS) proforma for DECT PT Intermediate ISDN access Profile (IIP).....	10
A.1 Identification	10
A.1.1 Description of the system.....	10
A.1.2 Supplier of the system.....	10
A.1.3 Client identification	11
A.1.4 Contact person identification	11
A.1.5 Signature of the client or of the supplier.....	11
A.2 Protocol identification.....	12
A.3 Profile identification	12
A.4 Additional information.....	12
Annex B (normative): RLs for DECT PT IIP	13
B.1 General	13
B.1A Profile RL.....	13
B.2 RL on DECT network layer	14
B.2.1 Network entities	14
B.2.2 Network features.....	14
B.2.2.1 CC features.....	14
B.2.2.2 MM features.....	14
B.2.2.3 LCE features.....	15
B.2.3 Procedures	15
B.2.3.1 CC procedures supported	15
B.2.3.2 MM procedures supported	16
B.2.3.3 LCE procedures supported	16
B.2.3.4 LLME procedures supported.....	17
B.2.4 Messages.....	17
B.2.4.1 CC messages	17
B.2.4.2 MM messages.....	18
B.2.4.3 LCE messages	18
B.3 RL on DECT DLC layer	19
B.3.1 Services.....	19
B.3.1.1 Data link services	19
B.3.1.2 C-plane services	19
B.3.1.3 U-plane services	19
B.3.1.4 Management services	19
B.3.2 Procedures	19
B.3.2.1 Generic signalling procedures	19

B.3.2.2	Class B procedures	20
B.3.2.3	LU1 procedures	20
B.3.2.4	FU1 options	20
B.3.2.5	Management procedures	20
B.3.2.6	MAC connection management procedures	20
B.3.2.7	DLC C-plane management procedures	21
B.3.2.8	DLC U-plane management procedures	21
B.3.2.9	Connection ciphering management procedures	21
B.3.3	Parameters	21
B.3.3A	LU1 Connection types	21
B.4	RL on DECT MAC layer	21
B.4.1	Capabilities	21
B.4.1.1	Services	21
B.4.1.1.1	Connection oriented control services	22
B.4.1.1.2	Broadcast control services	22
B.4.1.1.3	Multiplexing services	23
B.4.1.1.4	Management services	23
B.4.1.2	Procedures	24
B.4.1.2.1	Connection procedures	24
B.4.1.2.1.1	Connection setup procedures	24
B.4.1.2.1.2	Connection modification procedures	24
B.4.1.2.1.3	Connection release procedures	24
B.4.1.2.2	Broadcast procedures	24
B.4.2	Protocol parameters	25
B.4.2.1	Timer support	25
B.4.2.2	Protocol constants	25
B.4.2.3	Channels supported	25
B.4.2.4	Bearer types supported	25
B.4.2.5	Slot types supported	25
B.4.2.6	Paging tail messages supported	26
Annex C (normative):	Profile specific ICS proforma for DECT PT IIP	27
C.1	Guidance for completing the profile specific ICS proforma	27
C.1.1	Purposes and structure	27
C.1.2	Instructions for completing the Profile specific ICS proforma	29
C.2	Identification of the implementation	29
C.2.1	Date of statement	29
C.2.2	Identification of the implementation	29
C.2.3	Contact person identification	29
C.2.4	Relationship with the System Conformance Statement (SCS)	30
C.3	Identification of the profile	30
C.3.1	Defect report numbers and amendments implemented	30
C.3.2	Addenda implemented	30
C.4	Profile ICS proforma tables	31
C.4.1	Global statement of conformance	31
C.4.2	Profile ICS DECT NWK layer tables	31
C.4.3	Profile ICS DECT DLC layer tables	31
C.4.4	Profile ICS DECT MAC layer tables	32
History		33

Intellectual Property Rights

IPRs essential or potentially essential to the present document may have been declared to ETSI. The information pertaining to these essential IPRs, if any, is publicly available for **ETSI members and non-members**, and can be found in SR 000 314: *"Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards"*, which is available **free of charge** from the ETSI Secretariat. Latest updates are available on the ETSI Web server (<http://www.etsi.org/ipr>).

Pursuant to the ETSI IPR Policy, no investigation, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Foreword

This European Standard (Telecommunications series) has been produced by ETSI Project Digital Enhanced Cordless Telecommunications (DECT).

The present document is part 1 of a multi-part standard covering the DECT/ISDN interworking for intermediate system configuration Profile Implementation Conformance Statement (ICS), as identified below:

Part 1: "Portable radio Termination (PT)";

Part 2: "Fixed radio Termination (FT)".

National transposition dates	
Date of adoption of this EN:	23 October 1998
Date of latest announcement of this EN (doa):	31 January 1999
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	31 July 1999
Date of withdrawal of any conflicting National Standard (dow):	31 July 1999

1 Scope

The present document provides the Profile Implementation Conformance Statement (Profile ICS) proforma for the DECT/ISDN interworking for intermediate system configuration profile at the Portable radio Termination (PT) as defined in ETS 300 822 [9] in compliance with the relevant requirements and in accordance with the relevant guidance given in ISO/IEC 9646-7 [15].

The supplier of an implementation which claims to conform to ETS 300 822 [9] is required to complete a copy of the PICS proforma ETS 300 476 parts 1, 2, 3, and 7, [10], [11], [12] and [13], with the replacements provided by the Requirement Lists (RLs) given in annex B of the present document, as well as a copy of the specific ICS proforma provided in the annex C of the present document.

2 References

References may be made to:

- a) specific versions of publications (identified by date of publication, edition number, version number, etc.), in which case, subsequent revisions to the referenced document do not apply; or
- b) all versions up to and including the identified version (identified by "up to and including" before the version identity); or
- c) all versions subsequent to and including the identified version (identified by "onwards" following the version identity); or
- d) publications without mention of a specific version, in which case the latest version applies.

A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

2.1 Normative references

- [1] EN 300 175-1: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".
- [2] EN 300 175-2: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical layer (PHL)".
- [3] EN 300 175-3: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".
- [4] EN 300 175-4: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".
- [5] EN 300 175-5: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".
- [6] EN 300 175-6: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".
- [7] EN 300 175-7: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".
- [8] EN 300 175-8: "Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission".
- [9] ETS 300 822: "Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for intermediate system configuration; Interworking and profile specification".