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**Digital Enhanced Cordless Telecommunications (DECT);  
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DECT/ISDN interworking for end system configuration;  
Profile Test Specification (PTS);  
Part 1: Summary**

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## Foreword

This European Telecommunication Standard (ETS) has been produced by the Digital Enhanced Cordless Telecommunications (DECT) Project of the European Telecommunications Standards Institute (ETSI).

This ETS consists of 3 parts as follows:

**Part 1:** "PTS - summary".

Part 2: "Profile Specific Test Specification (PSTS) for Portable radio Termination (PT)".

Part 3: "Profile Specific Test Specification (PSTS) for Fixed radio Termination (FT)".

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## 1 Scope

This European Telecommunications Standard (ETS) specifies the Profile Test Specification (PTS) summary referencing all the documents necessary for the conformance testing of the Digital Enhanced Cordless Telecommunications/Integrated Services Digital Network (DECT/ISDN) ISDN Access Profile (IAP) as specified in ETS 300 434-1 [12] and ETS 300 434-2 [13].

This PTS summary together with the documents it references constitute the DECT/ISDN IAP PTS.

This document has the following structure:

clause 4 contains general information relative to the profile including references to the related documents (standards);

clause 5 contains a summary and references to the documents (standards) relevant for each of protocol layers to be tested.

The ISO standard for the methodology of conformance testing ISO/IEC 9646 parts 1 to 7 [40] to [46] is used as the basis for the test methodology, and as the basis for test case specification.

## 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] ETS 300 175-1 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 1: Overview".
- [2] ETS 300 175-2 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 2: Physical layer".
- [3] ETS 300 175-3 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 3: Medium access control layer".
- [4] ETS 300 175-4 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 4: Data link control layer".
- [5] ETS 300 175-5 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 5: Network layer".
- [6] ETS 300 175-6 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 6: Identities and addressing".
- [7] ETS 300 175-7 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 7: Security features".
- [8] ETS 300 501: "European digital cellular telecommunications system (Phase 2); Bearer Services (BS) supported by a GSM Public Land Mobile Network (PLMN) (GSM 02.02)".
- [9] ETS 300 175-8 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 8: Speech coding and transmission".

- [10] ETS 300 175-9 (1992): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common interface; Part 9: Public access profile".
- [11] ETS 300 444 (1995): "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Generic Access Profile (GAP)".
- [12] ETS 300 434-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT) and Integrated Services Digital Network (ISDN) interworking for end system configuration; Part 1: Interworking specification".
- [13] ETS 300 434-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT) and Integrated Services Digital Network (ISDN) interworking for end system configuration; Part 2: Access profile".
- [14] ETS 300 176: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Approval test specification".
- [15] ETS 300 476-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 1: Network (NWK) layer - Portable radio Termination (PT)".
- [16] ETS 300 476-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 2: Data Link Control (DLC) layer - Portable radio Termination (PT)".
- [17] ETS 300 476-3: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 3: Medium Access Control (MAC) layer - Portable radio Termination (PT)".
- [18] ETS 300 476-4: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 4: Network (NWK) layer - Fixed radio Termination (FT)".
- [19] ETS 300 476-5: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 5: Data Link Control (DLC) layer - Fixed radio Termination (FT)".
- [20] ETS 300 476-6: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 6: Medium Access Control (MAC) layer - Fixed radio Termination (FT)".
- [21] ETS 300 476-7: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Protocol Implementation Conformance Statement (PICS) proforma; Part 7: Physical layer".
- [22] ETS 300 474-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; Part 1: Portable radio Termination (PT)".
- [23] ETS 300 474-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile requirement list and profile specific Implementation Conformance Statement (ICS) proforma; Part 2: Fixed radio Termination (FT)".



- [24] ETS 300 705-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications/Integrated Services Digital Network (DECT/ISDN) interworking for end system configuration; Profile Implementation Conformance Statement (ICS); Part 1: Portable radio Termination (PT)".
- [25] ETS 300 705-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications/Integrated Services Digital Network (DECT/ISDN) interworking for end system configuration; Profile Implementation Conformance Statement (ICS); Part 2: Fixed radio Termination (FT)".
- [26] ETS 300 497-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 1: Test Suite Structure (TSS) and Test Purposes (TP) for Medium Access Control (MAC) layer".
- [27] ETS 300 497-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 2: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Portable radio Termination (PT)".
- [28] ETS 300 497-3: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 3: Abstract Test Suite (ATS) for Medium Access Control (MAC) layer - Fixed radio Termination (FT)".
- [29] ETS 300 497-4: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 4: Test Suite Structure (TSS) and Test Purposes (TP) - Data Link Control (DLC) layer".
- [30] ETS 300 497-5: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 5: Abstract Test Suite (ATS) - Data Link Control (DLC) layer".
- [31] ETS 300 497-6: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 6: Test Suite Structure (TSS) and Test Purposes (TP) - Network (NWK) layer - Portable radio Termination (PT)".
- [32] ETS 300 497-7: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 7: Abstract Test Suite (ATS) for Network (NWK) layer - Portable radio Termination (PT)".
- [33] ETS 300 497-8: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 8: Test Suite Structure (TSS) and Test Purposes (TP) - Network (NWK) layer - Fixed radio Termination (FT)".
- [34] ETS 300 497-9: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI) Test Case Library (TCL); Part 9: Abstract Test Suite (ATS) for Network (NWK) layer - Fixed radio Termination (FT)".
- [35] ETS 300 494-1: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 1: Summary".
- [36] ETS 300 494-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 2: Profile Specific Test Specification (PSTS) - Portable radio Termination (PT)".

- [37] ETS 300 494-3: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Generic Access Profile (GAP); Profile Test Specification (PTS); Part 3: Profile Specific Test Specification (PSTS) - Fixed radio Termination (FT)".
- [38] ETS 300 758-2: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for end system configuration Profile Test Specification (PTS); Part 2: Profile Specific Test Specification (PSTS) for Portable radio Termination (PT)".
- [39] ETS 300 758-3: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Integrated Services Digital Network (ISDN); DECT/ISDN interworking for end system configuration Profile Test Specification (PTS); Part 3: Profile Specific Test Specification (PSTS) for Fixed radio Termination (FT)".
- [40] ISO/IEC 9646-1 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts". (See also CCITT Recommendation X.290 (1991)).
- [41] ISO/IEC 9646-2 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 2: Abstract test suite specification". (See also CCITT Recommendation X.291 (1991)).
- [42] ISO/IEC 9646-3 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 3: The tree and tabular combined notation". (See also CCITT Recommendation X.292 (1992)).
- [43] ISO/IEC 9646-4 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 4: Test realisation". (See also CCITT Recommendation X.292 (1992)).
- [44] ISO/IEC 9646-5 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 5: Requirements on test laboratories and clients for the conformance assessment process". (See also CCITT Recommendation X.292 (1992)).
- [45] ISO/IEC 9646-6 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 6: Protocol profile test specification".
- [46] ISO/IEC 9646-7 (1991): "Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation conformance statement".
- [47] ETS 300 403-1: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 1: Protocol specification [ITU-T Recommendation Q.931 (1993), modified]".
- [48] ETS 300 403-3: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Signalling network layer for circuit-mode basic call control; Part 3: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [49] ETS 300 402-2: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Data link layer; Part 2: General protocol specification [ITU-T Recommendation Q.921 (1993), modified]".

- [50] ETS 300 402-4: "Integrated Services Digital Network (ISDN); Digital Subscriber Signalling System No. one (DSS1) protocol; Data link layer; Part 4: Protocol Implementation Conformance Statement (PICS) proforma specification for the general protocol".
- [51] ETS 300 011 (1992): "Integrated Services Digital Network (ISDN); Primary rate user-network interface; Layer 1 specification and test principles".
- [52] ETS 300 011/A2: "Amendment 2 to ETS 300 011 (1992), adding a SCS, a PICS and a PIXIT for interface points I<sub>a</sub> and I<sub>b</sub>".
- [53] ETS 300 012 (1992): "Integrated Services Digital Network (ISDN); Basic user-network interface; Layer 1 specification and test principles".
- [54] ETS 300 012/A2: "Amendment 2 to ETS 300 012 (1992), adding a SCS, a PICS and a PIXIT for interface points I<sub>a</sub> and I<sub>b</sub>".
- [55] ETS 300 196-1: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [56] ETS 300 196-2: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [57] ETS 300 196-3: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [58] ETS 300 196-4: "Integrated Services Digital Network (ISDN); Generic functional protocol for the support of supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [59] TBR 3: "Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN basic access".
- [60] TBR 4: "Integrated Services Digital Network (ISDN); Attachment requirements for terminal equipment to connect to an ISDN using ISDN primary rate access".
- [61] ETS 300 052-1: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [62] ETS 300 052-2: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [63] ETS 300 052-3: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [64] ETS 300 052-4: "Integrated Services Digital Network (ISDN); Multiple Subscriber Number (MSN) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".

- [65] ETS 300 058-1: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [66] ETS 300 058-2: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [67] ETS 300 058-3: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [68] ETS 300 058-4: "Integrated Services Digital Network (ISDN); Call Waiting (CW) supplementary service; Digital subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [69] ETS 300 061-1: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [70] ETS 300 061-2: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [71] ETS 300 061-3: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [72] ETS 300 061-4: "Integrated Services Digital Network (ISDN); Subaddressing (SUB) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [73] ETS 300 064-1: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [74] ETS 300 064-2: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [75] ETS 300 064-3: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [76] ETS 300 064-4: "Integrated Services Digital Network (ISDN); Direct Dialling In (DDI) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [77] ETS 300 092-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

- [78] ETS 300 092-2: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [79] ETS 300 092-3: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [80] ETS 300 092-4: "Integrated Services Digital Network (ISDN); Calling Line Identification Presentation (CLIP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) specification proforma for the user".
- [81] ETS 300 093-1: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [82] ETS 300 093-2: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [83] ETS 300 093-3: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [84] ETS 300 093-4: "Integrated Services Digital Network (ISDN); Calling Line Identification Restriction (CLIR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [85] ETS 300 097-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [86] ETS 300 097-2: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [87] ETS 300 097-3: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [88] ETS 300 097-4: "Integrated Services Digital Network (ISDN); Connected Line Identification Presentation (COLP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [89] ETS 300 098-1: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

- [90] ETS 300 098-2: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [91] ETS 300 098-3: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [92] ETS 300 098-4: "Integrated Services Digital Network (ISDN); Connected Line Identification Restriction (COLR) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [93] ETS 300 130-1: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [94] ETS 300 130-2: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [95] ETS 300 130-3: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [96] ETS 300 130-4: "Integrated Services Digital Network (ISDN); Malicious Call Identification (MCID) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [97] ETS 300 138-1: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [98] ETS 300 138-2: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [99] ETS 300 138-3: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [100] ETS 300 138-4: "Integrated Services Digital Network (ISDN); Closed User Group (CUG) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [101] ETS 300 141-1: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

- [102] ETS 300 141-2: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [103] ETS 300 141-3: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [104] ETS 300 141-4: "Integrated Services Digital Network (ISDN); Call Hold (HOLD) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma specification for the user".
- [105] ETS 300 182-1: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [106] ETS 300 182-2: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification".
- [107] ETS 300 182-3: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) specification for the user".
- [108] ETS 300 182-4: "Integrated Services Digital Network (ISDN); Advice of Charge (AOC) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) specification proforma for the user".
- [109] ETS 300 185-1: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [110] ETS 300 185-2: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".
- [111] ETS 300 185-3: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".
- [112] ETS 300 185-4: "Integrated Services Digital Network (ISDN); Conference call, add-on (CONF) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".
- [113] ETS 300 188-1: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [114] ETS 300 188-2: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".

- [115] ETS 300 188-3: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".
- [116] ETS 300 188-4: "Integrated Services Digital Network (ISDN); Three-Party (3PTY) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".
- [117] ETS 300 207-1: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [118] ETS 300 207-2: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol Part 2: Protocol Implementation Conformance Statement (PICS) proforma".
- [119] ETS 300 207-3: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".
- [120] ETS 300 207-4: "Integrated Services Digital Network (ISDN); Diversion supplementary services Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".
- [121] ETS 300 210-1: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [122] ETS 300 210-2: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".
- [123] ETS 300 210-3: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".
- [124] ETS 300 210-4: "Integrated Services Digital Network (ISDN); Freephone (FPH) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".
- [125] ETS 300 286-1: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [126] ETS 300 286-2: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".
- [127] ETS 300 286-3: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".



- [128] ETS 300 286-4: "Integrated Services Digital Network (ISDN); User-to-User Signalling (UUS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".
- [129] ETS 300 359-1: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [130] ETS 300 359-2: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".
- [131] ETS 300 359-3: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".
- [132] ETS 300 359-4: "Integrated Services Digital Network (ISDN); Completion of Calls to Busy Subscriber (CCBS) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".
- [133] ETS 300 369-1: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".
- [134] ETS 300 369-2: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma".
- [135] ETS 300 369-3: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 3: Test Suite Structure and Test Purposes (TSS&TP) for the user".
- [136] ETS 300 369-4: "Integrated Services Digital Network (ISDN); Explicit Call Transfer (ECT) supplementary service Digital Subscriber Signalling System No. one (DSS1) protocol; Part 4: Abstract Test Suite (ATS) and partial Protocol Implementation eXtra Information for Testing (PIXIT) proforma for the user".

### 3 Definitions and abbreviations

#### 3.1 Definitions

For the purposes of this ETS, the following terms and definitions apply:

- a) the terms defined in ISO/IEC 9646-7 [46]; and
- b) the definitions in ETS 300 434-1 [12] and ETS 300 434-2 [13].

#### 3.2 Abbreviations

For the purposes of this ETS, the abbreviations defined in ISO/IEC 9646-1 [40], ISO/IEC 9646-6 [45], ISO/IEC 9646-7 [46], the abbreviations defined in ETS 300 434-1 [12] and ETS 300 434-2 [13] apply. In particular, the following definitions apply:

3PTY	Three-Party
AOC	Advice Of Charge
ATM	Abstract Test Method
ATS	Abstract Test Suite
CC	Call Control entity
CCBS	Completion of Calls to Busy Subscriber
CI	Common Interface
CLIP	Calling Line Identification Presentation
CLIR	Calling Line Identification Restriction
COLP	Connected Line Identification Presentation
COLR	Connected Line Identification Restriction
CONF	Conference Call, add-on
CUG	Closed User Group
CW	Call Waiting
DDI	Direct Dialling In
DECT	Digital Enhanced Cordless Telecommunications
DLC	Data Link Control
ECT	Explicit Call Transfer
FPH	Freephone
FT	Fixed radio Termination
GAP	Generic Access Profile
HOLD	Call Hold
IAP	ISDN Access Profile
ICS	Implementation Conformance Statement
ISDN	Integrated Services Digital Network
IWP	Interworking Profile
IXIT	Implementation Extra Information for Testing
LCE	Link Control Entity
MAC	Medium Access Control layer
MCID	Malicious Call Identification
MM	Mobility Management entity
MOT	Means Of testing
MSN	Multiple Subscriber Number
NWK	Network
PHL	Physical Layer
PICS	Protocol Implementation Conformance Statement
PIXIT	Protocol Implementation Extra Information for Testing
PSTS	Profile Specific Test Specification
PT	Portable radio Termination
PTS	Profile Test Specification
SCS	System Conformance Statement
SUB	Subaddressing
T-MUX	Tail Multiplexor
TSS&TP	Test Suite Structure and Test Purposes
U-MUX	U-type Multiplexor
UUS	User-to-User Signalling
XRL	IXIT Requirements List

## 4 Profile identification

### 4.1 Profile identification for Portable radio Termination (PT)

Table 1: Profile identification for PT

Profile identifier	DECT/ISDN IAP for PT
Profile specification	ETS 300 434-1 [12] and ETS 300 434-2 [13]
Profile Requirement list	ETS 300 705-1 [24] annex B
Profile specific ICS proforma	ETS 300 705-1 [24] annex C
Profile Specific Test Specification (PSTS)	ETS 300 758-2 [38]
Profile Implementation Extra Information for Testing (IXIT) Requirements List (XRL)	ETS 300 758-2 [38]
Partial profile IXIT proforma	ETS 300 758-2 [38]
System Conformance Statement (SCS) proforma	ETS 300 705-1 [24] annex A

### 4.2 Profile identification for Fixed radio Termination (FT)

Table 2: Profile identification for FT

Profile identifier	DECT/ISDN IAP for FT
Profile specification	ETS 300 434-1 [12] and ETS 300 434-2 [13]
Profile Requirement list	ETS 300 705-2 [25] annex B
Profile specific ICS proforma	ETS 300 705-2 [25] annex C
PSTS	ETS 300 758-3 [39]
Profile XRL	ETS 300 758-3 [39]
Partial profile IXIT proforma	ETS 300 758-3 [39]
SCS proforma	ETS 300 705-2 [25] annex A

## 5 Elements of the PTS

### 5.1 Conformance testing specification for PT

#### 5.1.1 DECT Network (NWK) layer protocol

Table 3: DECT NWK layer protocol

Protocol identification	ETS 300 175-5 [5]
PICS proforma	ETS 300 476-1 [15]
Test Suite Structure and Test Purposes (TSS&TP)	ETS 300 497-6 [31]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 497-7 [32]
Applicability of ATS	Basic speech covered. Basic services and procedures concerning Call Control entity (CC), Mobility Management entity (MM) and Link Control Entity (LCE) entities covered
Abstract Test Method (ATM)	Remote
Partial IXIT proforma	ETS 300 497-7 [32]
Additional Test Cases	ETS 300 758-2 [38]

5.1.2 DECT Data Link Control (DLC) layer protocol

Table 4: DECT DLC layer protocol

Protocol identification	ETS 300 175-4 [4]
PICS proforma	ETS 300 476-2 [16]
TSS&TP	ETS 300 497-4 [29]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 497-5 [30]
Applicability of ATS	Basic connection, C-plane: Class-A service, U-plane: class 0/min_delay, FU1 frame, handover, ciphering
ATM	ETS 300 497-5 [30]
Partial IXIT proforma	ETS 300 497-5 [30]
Additional Test Cases	ETS 300 758-2 [38]

5.1.3 DECT MAC layer protocol

Table 5: DECT MAC layer protocol

Protocol identification	ETS 300 175-3 [3]
PICS proforma	ETS 300 476-3 [17]
TSS&TP	ETS 300 497-1 [26]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 497-2 [27]
Applicability of ATS	CS higher layer signalling, Basic connections, Continuous broadcast, Short page, normal/extended paging, SARI support, encryption, bearer handover, connection handover, quality control, T-MUX, U-MUX
ATM	ETS 300 497-2 [27]
Partial IXIT proforma	ETS 300 497-2 [27]
Additional Test Cases	ETS 300 758-2 [38]
T-MUX	Tail Multiplexor.
U-MUX	U-type Multiplexor.

5.1.4 DECT Physical Layer (PHL) protocol

Table 6: DECT PHL protocol

Protocol identification	ETS 300 175-2 [2]
PICS proforma	ETS 300 476-7 [21]
TSS&TP	ETS 300 176 [14]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 176 [14]
Applicability of ATS	General terminal attachment requirements, basic telephony applications
ATM	-
Partial IXIT proforma	-
Additional Test Cases	ETS 300 758-2 [38]

**5.1.5 ISDN Multiple Subscriber Number (MSN) supplementary service protocol**

**Table 7: ISDN MSN supplementary service protocol**

Protocol identification	ETS 300 052-1 [61]
PICS proforma	ETS 300 052-2 [62]
TSS&TP	ETS 300 052-3 [63]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 052-4 [64]
Applicability of ATS	ETS 300 052-4 [64]
ATM	ETS 300 052-4 [64]
Partial IXIT proforma	ETS 300 052-4 [64]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.6 ISDN Call Waiting (CW) supplementary service protocol**

**Table 8: ISDN CW supplementary service protocol**

Protocol identification	ETS 300 058-1 [65]
PICS proforma	ETS 300 058-2 [66]
TSS&TP	ETS 300 058-3 [67]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 058-4 [68]
Applicability of ATS	ETS 300 058-4 [68]
ATM	ETS 300 058-4 [68]
Partial IXIT proforma	ETS 300 058-4 [68]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.7 ISDN Subaddressing (SUB) supplementary service protocol**

**Table 9: ISDN SUB supplementary service protocol**

Protocol identification	ETS 300 061-1 [69]
PICS proforma	ETS 300 061-2 [70]
TSS&TP	ETS 300 061-3 [71]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 061-4 [72]
Applicability of ATS	ETS 300 061-4 [72]
ATM	ETS 300 061-4 [72]
Partial IXIT proforma	ETS 300 061-4 [72]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.8 ISDN Direct Dialling In (DDI) supplementary service protocol**

**Table 10: ISDN DDI supplementary service protocol**

Protocol identification	ETS 300 064-1 [73]
PICS proforma	ETS 300 064-2 [74]
TSS&TP	ETS 300 064-3 [75]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 064-4 [76]
Applicability of ATS	ETS 300 064-4 [76]
ATM	ETS 300 064-4 [76]
Partial IXIT proforma	ETS 300 064-4 [76]
Additional Test Cases	ETS 300 758-2 [38]

5.1.9 ISDN Calling Line Identification Presentation (CLIP) supplementary service protocol

Table 11: ISDN CLIP supplementary service protocol

Protocol identification	ETS 300 092-1 [77]
PICS proforma	ETS 300 092-2 [78]
TSS&TP	ETS 300 092-3 [79]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 092-4 [80]
Applicability of ATS	ETS 300 092-4 [80]
ATM	ETS 300 092-4 [80]
Partial IXIT proforma	ETS 300 092-4 [80]
Additional Test Cases	ETS 300 758-2 [38]

5.1.10 ISDN Calling Line Identification Restriction (CLIR) supplementary service protocol

Table 12: ISDN CLIR supplementary service protocol

Protocol identification	ETS 300 093-1 [81]
PICS proforma	ETS 300 093-2 [82]
TSS&TP	ETS 300 093-3 [83]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 093-4 [84]
Applicability of ATS	ETS 300 093-4 [84]
ATM	ETS 300 093-4 [84]
Partial IXIT proforma	ETS 300 093-4 [84]
Additional Test Cases	ETS 300 758-2 [38]

5.1.11 ISDN Connected Line Identification Presentation (COLP) supplementary service protocol

Table 13: ISDN COLP supplementary service protocol

Protocol identification	ETS 300 097-1 [85]
PICS proforma	ETS 300 097-2 [86]
TSS&TP	ETS 300 097-3 [87]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 097-4 [88]
Applicability of ATS	ETS 300 097-4 [88]
ATM	ETS 300 097-4 [88]
Partial IXIT proforma	ETS 300 097-4 [88]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.12 ISDN Connected Line Identification Restriction (COLR) supplementary service protocol**

**Table 14: ISDN COLR supplementary service protocol**

Protocol identification	ETS 300 098-1 [89]
PICS proforma	ETS 300 098-2 [90]
TSS&TP	ETS 300 098-3 [91]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 098-4 [92]
Applicability of ATS	ETS 300 098-4 [92]
ATM	ETS 300 098-4 [92]
Partial IXIT proforma	ETS 300 098-4 [92]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.13 ISDN Malicious Call Identification (MCID) supplementary service protocol**

**Table 15: ISDN MCID supplementary service protocol**

Protocol identification	ETS 300 130-1 [93]
PICS proforma	ETS 300 130-2 [94]
TSS&TP	ETS 300 130-3 [95]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 130-4 [96]
Applicability of ATS	ETS 300 130-4 [96]
ATM	ETS 300 130-4 [96]
Partial IXIT proforma	ETS 300 130-4 [96]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.14 ISDN Closed User Group (CUG) supplementary service protocol**

**Table 16: ISDN CUG supplementary service protocol**

Protocol identification	ETS 300 138-1 [97]
PICS proforma	ETS 300 138-2 [98]
TSS&TP	ETS 300 138-3 [99]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 138-4 [100]
Applicability of ATS	ETS 300 138-4 [100]
ATM	ETS 300 138-4 [100]
Partial IXIT proforma	ETS 300 138-4 [100]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.15 ISDN Call Hold (HOLD) supplementary service protocol**

**Table 17: ISDN HOLD supplementary service protocol**

Protocol identification	ETS 300 141-1 [101]
PICS proforma	ETS 300 141-2 [102]
TSS&TP	ETS 300 141-3 [103]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 141-4 [104]
Applicability of ATS	ETS 300 141-4 [104]
ATM	ETS 300 141-4 [104]
Partial IXIT proforma	ETS 300 141-4 [104]
Additional Test Cases	ETS 300 758-2 [38]

5.1.16 ISDN Advice Of Charge (AOC) supplementary service protocol

Table 18: ISDN AOC supplementary service protocol

Protocol identification	ETS 300 182-1 [105]
PICS proforma	ETS 300 182-2 [106]
TSS&TP	ETS 300 182-3 [107]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 182-4 [108]
Applicability of ATS	ETS 300 182-4 [108]
ATM	ETS 300 182-4 [108]
Partial IXIT proforma	ETS 300 182-4 [108]
Additional Test Cases	ETS 300 758-2 [38]

5.1.17 ISDN Conference Call, add-on (CONF) supplementary service protocol

Table 19: ISDN CONF supplementary service protocol

Protocol identification	ETS 300 185-1 [109]
PICS proforma	ETS 300 185-2 [110]
TSS&TP	ETS 300 185-3 [111]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 185-4 [112]
Applicability of ATS	ETS 300 185-4 [112]
ATM	ETS 300 185-4 [112]
Partial IXIT proforma	ETS 300 185-4 [112]
Additional Test Cases	ETS 300 758-2 [38]

5.1.18 ISDN Three-Party (3PTY) supplementary service protocol

Table 20: ISDN 3PTY supplementary service protocol

Protocol identification	ETS 300 188-1 [113]
PICS proforma	ETS 300 188-2 [114]
TSS&TP	ETS 300 188-3 [115]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 188-4 [116]
Applicability of ATS	ETS 300 188-4 [116]
ATM	ETS 300 188-4 [116]
Partial IXIT proforma	ETS 300 188-4 [116]
Additional Test Cases	ETS 300 758-2 [38]

5.1.19 ISDN diversion supplementary service protocol

Table 21: ISDN diversion supplementary service protocol

Protocol identification	ETS 300 207-1 [117]
PICS proforma	ETS 300 207-2 [118]
TSS&TP	ETS 300 207-3 [119]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 207-4 [120]
Applicability of ATS	ETS 300 207-4 [120]
ATM	ETS 300 207-4 [120]
Partial IXIT proforma	ETS 300 207-4 [120]
Additional Test Cases	ETS 300 758-2 [38]



**5.1.20 ISDN Freephone (FPH) supplementary service protocol**

**Table 22: ISDN FPH supplementary service protocol**

Protocol identification	ETS 300 210-1 [121]
PICS proforma	ETS 300 210-2 [122]
TSS&TP	ETS 300 210-3 [123]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 210-4 [124]
Applicability of ATS	ETS 300 210-4 [124]
ATM	ETS 300 210-4 [124]
Partial IXIT proforma	ETS 300 210-4 [124]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.21 ISDN User-to-User Signalling (UUS) supplementary service protocol**

**Table 23: ISDN UUS supplementary service protocol**

Protocol identification	ETS 300 286-1 [125]
PICS proforma	ETS 300 286-2 [126]
TSS&TP	ETS 300 286-3 [127]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 286-4 [128]
Applicability of ATS	ETS 300 286-4 [128]
ATM	ETS 300 286-4 [128]
Partial IXIT proforma	ETS 300 286-4 [128]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.22 ISDN Completion of Calls to Busy Subscriber (CCBS) supplementary service protocol**

**Table 24: ISDN CCBS supplementary service protocol**

Protocol identification	ETS 300 359-1 [129]
PICS proforma	ETS 300 359-2 [130]
TSS&TP	ETS 300 359-3 [131]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 359-4 [132]
Applicability of ATS	ETS 300 359-4 [132]
ATM	ETS 300 359-4 [132]
Partial IXIT proforma	ETS 300 359-4 [132]
Additional Test Cases	ETS 300 758-2 [38]

**5.1.23 ISDN Explicit Call Transfer (ECT) supplementary service protocol**

**Table 25: ISDN ECT supplementary service protocol**

Protocol identification	ETS 300 369-1 [133]
PICS proforma	ETS 300 369-2 [134]
TSS&TP	ETS 300 369-3 [135]
Additional TSS&TP	ETS 300 758-2 [38]
ATS	ETS 300 369-4 [136]
Applicability of ATS	ETS 300 369-4 [136]
ATM	ETS 300 369-4 [136]
Partial IXIT proforma	ETS 300 369-4 [136]
Additional Test Cases	ETS 300 758-2 [38]

5.1.24 DECT GAP profile

Table 26: GAP profile

Profile identification	ETS 300 444 [11]
Profile ICS proforma	ETS 300 474-1 [22]
PTS - Summary	ETS 300 494-1 [35]
TSS&TP	ETS 300 494-2 [36]
ATS	ETS 300 494-2 [36]
Applicability of ATS	ETS 300 494-2 [36]
ATM	ETS 300 494-2 [36]
Partial IXIT proforma	ETS 300 494-2 [36]

5.2 Conformance testing specification for FT

5.2.1 DECT NWK layer protocol

Table 27: DECT NWK layer protocol

Protocol identification	ETS 300 175-5 [5]
PICS proforma	ETS 300 476-4 [18]
TSS&TP	ETS 300 497-8 [33]
Additional TSS&TP	ETS 300 758-3 [39]
ATS	ETS 300 497-9 [34]
Applicability of ATS	Basic speech covered. Basic services and procedures concerning CC, MM and LCE entities covered
ATM	ETS 300 497-9 [34]
Partial IXIT proforma	ETS 300 497-9 [34]
Additional Test Cases	ETS 300 758-3 [39]

5.2.2 DECT DLC layer protocol

Table 28: DECT DLC layer protocol

Protocol identification	ETS 300 175-4 [4]
PICS proforma	ETS 300 476-5 [19]
TSS&TP	ETS 300 497-4 [29]
Additional TSS&TP	ETS 300 758-3 [39]
ATS	ETS 300 497-5 [30]
Applicability of ATS	Basic connection, C-plane: Class-A service, U-plane: class 0/min_delay, FU1 frame, handover, ciphering
ATM	ETS 300 497-5 [30]
Partial IXIT proforma	ETS 300 497-5 [30]
Additional Test Cases	ETS 300 758-3 [39]

### 5.2.3 DECT MAC layer protocol

Table 29: DECT MAC layer protocol

Protocol identification	ETS 300 175-3 [3]
PICS proforma	ETS 300 476-6 [20]
TSS&TP	ETS 300 497-1 [26]
Additional TSS&TP	ETS 300 758-3 [39]
ATS	ETS 300 497-3 [28]
Applicability of ATS	CS higher layer signalling, Basic connections, Continuous broadcast, Short page, normal/extended paging, SARI support, encryption, bearer handover, connection handover, quality control, T-MUX, U-MUX
ATM	ETS 300 497-3 [28]
Partial IXIT proforma	ETS 300 497-3 [28]
Additional Test Cases	ETS 300 758-3 [39]
T-MUX	Tail Multiplexor.
U-MUX	U-type Multiplexor.

### 5.2.4 DECT PHL protocol

Table 30: DECT PHL protocol

Protocol identification	ETS 300 175-2 [2]
PICS proforma	ETS 300 476-7 [21]
TSS&TP	ETS 300 176 [14]
Additional TSS&TP	ETS 300 758-3 [39]
ATS	ETS 300 176 [14]
Applicability of ATS	General terminal attachment requirements, basic telephony applications
ATM	-
Partial IXIT proforma	-
Additional Test Cases	ETS 300 758-3 [39]

### 5.2.5 ISDN L3 layer primary access protocol

Table 31: ISDN L3 layer primary access protocol

Protocol identification	ETS 300 403-1 [47]
PICS proforma	ETS 300 403-3 [48]
TSS&TP	TBR 4 [60] annex D
Additional TSS&TP	ETS 300 758-3 [39]
ATS	TBR 4 [60] annex D
Applicability of ATS	TBR 4 [60] annex D clause D.1
ATM	TBR 4 [60] annex D
Partial IXIT proforma	TBR 4 [60] annex E clause E.9
Additional Test Cases	ETS 300 758-3 [39]

### 5.2.6 ISDN L3 layer basic access protocol

Table 32: ISDN L3 layer basic access protocol

Protocol identification	ETS 300 403-1 [47]
PICS proforma	ETS 300 403-3 [48]
TSS&TP	TBR 3 [59] annex D
Additional TSS&TP	ETS 300 758-3 [39]
ATS	TBR 3 [59] annex D
Applicability of ATS	TBR 3 [59] annex D clause D.1
ATM	TBR 3 [59] annex D
Partial IXIT proforma	TBR 3 [59] annex E clause E.9
Additional Test Cases	ETS 300 758-3 [39]

### 5.2.7 ISDN L2 layer primary access protocol

Table 33: ISDN L2 layer primary access protocol

Protocol identification	ETS 300 402-2 [49]
PICS proforma	ETS 300 402-4 [50]
TSS&TP	TBR 4 [60] annex C
Additional TSS&TP	ETS 300 758-3 [39]
ATS	TBR 4 [60] annex C
Applicability of ATS	TBR 4 [60] annex C clause C.1
ATM	TBR 4 [60] annex C
Partial IXIT proforma	TBR 4 [60] annex E clause E.8
Additional Test Cases	ETS 300 758-3 [39]

### 5.2.8 ISDN L2 layer basic access protocol

Table 34: ISDN L2 layer basic access protocol

Protocol identification	ETS 300 402-2 [49]
PICS proforma	ETS 300 402-4 [50]
TSS&TP	TBR 3 [59] annex C
Additional TSS&TP	ETS 300 758-3 [39]
ATS	TBR 3 [59] annex C
Applicability of ATS	TBR 3 [59] annex C clause C.1
ATM	TBR 3 [59] annex C
Partial IXIT proforma	TBR 3 [59] annex E clause E.8
Additional Test Cases	ETS 300 758-3 [39]

### 5.2.9 ISDN L1 layer primary access protocol

Table 35: ISDN L1 layer primary access protocol

Protocol identification	ETS 300 011 [51]
PICS proforma	ETS 300 011/A2 [52]
TSS&TP	TBR 4 [60] annex B
Additional TSS&TP	ETS 300 758-3 [39]
ATS	TBR 4 [60] annex B
Applicability of ATS	TBR 4 [60] annex B clause B.1
ATM	TBR 4 [60] annex B
Partial IXIT proforma	TBR 4 [60] annex E clause E.7
Additional Test Cases	ETS 300 758-3 [39]

## 5.2.10 ISDN L1 layer basic access protocol

**Table 36: ISDN L1 layer basic access protocol**

Protocol identification	ETS 300 012 [53]
PICS proforma	ETS 300 012/A2 [54]
TSS&TP	TBR 3 [59] annex B
Additional TSS&TP	ETS 300 758-3 [39]
ATS	TBR 3 [59] annex B
Applicability of ATS	TBR 3 [59] annex B clause B.1
ATM	TBR 3 [59] annex B
Partial IXIT proforma	TBR 3 [59] annex E clause E.7
Additional Test Cases	ETS 300 758-3 [39]

## 5.2.11 ISDN generic functional protocol

**Table 37: ISDN generic functional protocol**

Protocol identification	ETS 300 196-1 [55]
PICS proforma	ETS 300 196-2 [56]
TSS&TP	ETS 300 196-3 [57]
Additional TSS&TP	ETS 300 758-3 [39]
ATS	ETS 300 196-4 [58]
Applicability of ATS	ETS 300 196-4 [58]
ATM	ETS 300 196-4 [58]
Partial IXIT proforma	ETS 300 196-4 [58]
Additional Test Cases	ETS 300 758-3 [39]

## 5.2.12 DECT GAP profile

**Table 38: DECT GAP profile**

Profile identification	ETS 300 444 [11]
Profile ICS proforma	ETS 300 474-2 [23]
PTS - Summary	ETS 300 494-1 [35]
TSS&TP	ETS 300 494-3 [37]
ATS	ETS 300 494-3 [37]
Applicability of ATS	ETS 300 494-3 [37]
ATM	ETS 300 494-3 [37]
Partial IXIT proforma	ETS 300 494-3 [37]

## 6 Conformance clause

The test realizer of a Means Of Testing (MOT) for this PTS summary shall comply with the requirements of ISO/IEC 9646-4 [43].

In particular, the realisation of each referenced ATS shall conform to the ATS specification consistent with the modifications made by the PSTS referenced by this PTS summary. The realisation of the ATS within the PSTS shall conform to the PSTS.

The laboratories running conformance test services according to this PTS summary shall comply with ISO/IEC 9646-5 [44].

## History

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