

## Suppliers' Information Note

*For The Openreach Network*

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# Protocol Implementation Conformance Statements (PICS) for ISDN 2e: Digital Select Services - Terminal Portability TECHNICAL INFORMATION FOR SUPPLIERS

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## 1. Introduction

This document states the capabilities and options of the DSS1 Layer 3 protocol for Terminal Portability (TP) Digital Select Service on the basic access interface which has been implemented in the ISDN 2e network.

The ETSI protocol specification used as a basis for this PICS proforma is ETS 300 055-1 [1].

The ETSI PICS proforma used as a basis for this PICS is ETS 300 055-2 [2].

## 2. References

- 1 ETS 300 055-1 (1992) Integrated Services Digital Network (ISDN); Terminal Portability (TP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification
- 2 ETS 300 052-2 (1995) Integrated Services Digital Network (ISDN); Terminal Portability (TP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification

For further information or copies of referenced sources, please see document sources at <https://www.openreach.co.uk/orpg/home/helpandsupport/sins/sins.do>

## 3. Protocol Implementation Conformance Statement (PICS)

Using the relevant standard (see ref. 2), the PICS is given below. The section and table numbering as used in the ETSI standard has been maintained. Only those parts of the standard relevant to the network implementation are given. For guidance on the abbreviations and meaning of the completed PICS tables, see SIN 370, Part A.

Unless stated otherwise, the standard referred to in the **reference** column is the ETS given in reference 1. For glossary of terms used, see the referenced standards [1, 2].

### A.4 Identification of the protocol

**ETS 300 055-1 (1992):** "Integrated Services Digital Network (ISDN); Terminal Portability (TP) supplementary service; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

NOTE: ETS 300 055-1 (1992) was initially published as ETS 300 055 (1992).

### A.5 Global statement of conformance

The implementation described in this PICS meets all the mandatory requirements of the referenced standard?

**Yes**

**No**

NOTE: Answering "No" to this question indicates non-conformance to the protocol specification. Non-supported mandatory capabilities are to be identified in the PICS, with an explanation of why the implementation is non-conforming. Explanations may be entered in the comments field at the bottom of each table or on attached pages.

## A.6 Roles

Table A.1: Type of implementation

Item	Major role: Does the implementation...	Conditions for status	Status	Reference	Support
	<b>Type of implementation</b>				
R 1	not used				
R 2.1	support user requirements		O.1	9, 10	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
R 2.2	support network requirements?		O.1	9, 10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
R 3.1	support requirements at the coincident S and T reference point?		O.2	9	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
R 3.2	support requirements for interworking with private ISDNs at the T reference point?		O.2	10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
R 4.1	support user requirements at the interface of the served user?	R 2.1 NOT R 2.1	M N/A	9, 10	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
R 4.2	support user requirements at the interface of the remote user?	R 2.1 NOT R 2.1	M N/A	9	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
R 4.3	support network requirements at the interface of the served user?	R 2.2 NOT R 2.2	M N/A	9, 10	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
R 4.4	support network requirements at the interface of the remote user?	R 2.2 NOT R 2.2	M N/A	9	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
O.1	Support of one and only one of these options is required.				
O.2	Support of at least one of these options is required.				
Comments:					

## A.7 User

The tables provided in this clause need only to be completed for user implementations, where item R 2.1 in table A.1 is supported.

## A.8 Network

The tables provided in this clause need only to be completed for network implementations, where item R 2.2 in table A.1 is supported.

### A.8.1 Major capabilities

No items requiring response.

### A.8.2 Subsidiary capabilities

No items requiring response.

### A.8.3 Protocol data units

No items requiring response.

### A.8.4 Protocol data unit parameters

No items requiring response.

### A.8.5 Timers

No items requiring response.

### A.8.6 Call states

No items requiring response.

## 4. History

Issue 1	<b>Error! Reference source not found.</b>	First Issue
Issue 1.1	June 2014	Change SINet site references from <a href="http://www.sinet.bt.com">http://www.sinet.bt.com</a> to <a href="http://www.btplc.com/sinet/">http://www.btplc.com/sinet/</a>
Issue 1.2	August 2020	Changes to branding, from BT to Openreach including changes to reflect new Openreach SIN site and Openreach SIN email address.
Issue 1.2	August 2021	SIN Annual Review – no changes made, issue remains the same