

# SIN 370 Part B

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## Suppliers' Information Note

*For The Openreach Network*

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### **Protocol Implementation Conformance Statements (PICS) for ISDN 2e and ISDN 30e: Digital Select Services - Call Diversion TECHNICAL INFORMATION FOR SUPPLIERS**

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## 1. Introduction

This document states the capabilities and options of the DSS1 Layer 3 protocol for Call Diversion Digital Select Service {ie including Call Deflection (CD), Call Forwarding on Busy (CFB), Call Forwarding on No Reply (CFNR) and Call Forwarding Unconditional (CFU) } on the basic and primary rate access interface which has been implemented in the ISDN 2e and ISDN 30e network respectively.

The ETSI protocol specification used as a basis for this PICS proforma is ETS 300 207-1 [1].

The ETSI PICS proforma used as a basis for this PICS is ETS 300 207-2 [2].

## 2. References

- 1 ETS 300 207-1 (1994) Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification
- 2 ETS 300 207-2 (1996) Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification
- 3 ETS 300 102-1 Integrated Services Digital Network (ISDN); User-network interface layer 3; Specifications for basic call control.

## 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

This PICS proforma applies to the following standard:

**ETS 300 207-1 (1994):** "Integrated Services Digital Network (ISDN); Diversion supplementary services; Digital Subscriber Signalling System No. one (DSS1) protocol; Part 1: Protocol specification".

### 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.

In the tabulations which follow, all references are to ETS 300 207-1 [1] unless another numbered reference is explicitly indicated.

## A.6 Roles

**Table A.1: Type of implementation**

| Item                          | Major role:<br>Does the implementation...   | Conditions for<br>status                        | Status          | Reference  | Support   |
|-------------------------------|---|---|-----------------|------------|---|
| <b>Type of implementation</b> |   |   |                 |            |   |
| R 1.1                         | support call forwarding supplementary service(s)?   |   | O.1             |            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| R 1.1.1                       | support the CFB supplementary service?  | R 1.1<br>NOT R 1.1                              | O.2<br>N/A      |            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| R 1.1.2                       | support the CFU supplementary service?  | R 1.1<br>NOT R 1.1                              | O.2<br>N/A      |            | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |
| R 1.1.3                       | support the CFNR supplementary service?   | R 1.1<br>NOT R 1.1                              | O.2<br>N/A      |            | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A            |
| R 1.2                         | support the CD supplementary service?   |   | O.1             |            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| R 2.1                         | support user requirements?  |   | O.3             | 9, 10      | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                 |
| R 2.2                         | support network requirements?   |   | O.3             | 9, 10      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| R 3.1                         | support requirements at the coincident S and T reference point?   | R 2.2<br>R 2.1                                  | O.4<br>O.5      | 9          | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| R 3.2                         | support procedures for interworking with private ISDN at the T reference point?   | R 2.2<br>R 2.1                                  | O.4<br>O.5      | 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 AND R 3.1<br>R 2.1 AND R 3.2<br>NOT R 2.1 | M<br>O.6<br>N/A | 9,<br>10.6 | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |
| R 4.2                         | support user requirements at the interface of a remote user? (note)   | R 2.1 AND R 3.2<br>NOT (R 2.1 AND R 3.2)        | O.6<br>N/A      | 10         | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |
| R 4.2.1                       | support user requirements at the interface of the calling user?   | N/A   |                 |            | N/A   |
| R 4.2.2                       | support user requirements at the interface of the diverted-to user?   | R 4.2<br>NOT R 4.2                              | M<br>N/A        | 10.2       | <input type="checkbox"/> Yes <input type="checkbox"/> No<br><input checked="" type="checkbox"/> N/A |
| R 4.3                         | support network requirements at the interface of the served user?   | R 2.2<br>NOT R 2.2                              | M<br>N/A        | 9, 10      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| R 4.4                         | support network requirements at the interface of a remote user?   | R 2.2<br>NOT R 2.2                              | M<br>N/A        | 9, 10      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| R 4.4.1                       | support network requirements at the interface of the calling user?  | R 4.4<br>NOT R 4.4                              | M<br>N/A        | 9, 10      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| R 4.4.2                       | support network requirements at the interface of the diverted-to user?  | R 4.4<br>NOT R 4.4                              | M<br>N/A        | 9, 10      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| O.1                           | Support of at least one of these options is required.   |   |                 |            |   |
| O.2                           | Support of at least one of these options is required.   |   |                 |            |   |
| O.3                           | Support of one and only one of these options is required.   |   |                 |            |   |
| O.4                           | Support of at least one of these options is required.   |   |                 |            |   |
| O.5                           | Support of one and only one of these options is required.   |   |                 |            |   |
| O.6                           | Support of at least one of these options is required.   |   |                 |            |   |
| NOTE:                         | Where R 3.1 is supported, all procedures for remote (calling or diverted-to) user are provided as part of the basic call control. |   |                 |            |   |
| Comments:                     |   |   |                 |            |   |

## A.7 User

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

## A.8 Network

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

### A.8.1 Major capabilities

**Table A.6: Major capabilities - network**

| Item        | Major capability:<br>Does the implementation support...   | Conditions for status                        | Status   | Reference     | Support  |
|-------------|---|--|----------|---------------|--|
| MC 10.1     | the provision of diversion supplementary service(s) on a per ISDN number basis?   | R 4.3<br>NOT R 4.3                           | O<br>N/A | 5             | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 10.2     | the provision of diversion supplementary service(s) to the whole access?  | R 4.3<br>NOT R 4.3                           | O<br>N/A | 5             | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 11       | the procedures associated with the activation, deactivation and interrogation for all ISDN numbers on the same access?                    | MC 10.1 AND R 1.1<br>NOT (MC 10.1 AND R 1.1) | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 12       | the procedures associated with the notification to the served user that a call has been forwarded (with call offering information) for... |  |          |               |  |
| MC 12.1     | CFU?  | R 4.3 AND R 1.1.2<br>NOT (R 4.3 AND R 1.1.2) | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 12.2     | CFB?  | R 4.3 AND R 1.1.1<br>NOT (R 4.3 AND R 1.1.1) | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 12.3     | CFNR?   | R 4.3 AND R 1.1.3<br>NOT (R 4.3 AND R 1.1.3) | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 13       | the procedures associated with the notification of diversion to the calling user with diverted-to number for...                           |  |          |               |  |
| MC 13.1     | CFU?  | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 13.2     | CFB?  | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 13.3     | CFNR?   | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 13.4     | CD?   | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 14       | the procedures associated with the notification of diversion to the calling user without diverted-to number for...                        |  |          |               |  |
| MC 14.1     | CFU?  | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 14.2     | CFB?  | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 14.3     | CFNR?   | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 14.4     | CD?   | R 4.4.1<br>NOT R 4.4.1                       | O<br>N/A | 6.1           | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 15       | the procedures for activation of a specific call forwarding supplementary service?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)     | M<br>N/A | 9.1.1, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 16       | the procedures for deactivation of a specific call forwarding supplementary service?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)     | M<br>N/A | 9.1.2, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 17       | the procedures for interrogation of the served user numbers?  | MC 11<br>NOT MC 11                           | M<br>N/A | 9.1.3, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 18       | the procedures for interrogation of the details of the instance(s) of a call forwarding supplementary service?                            | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)     | M<br>N/A | 9.1.4, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 19       | the procedures for notification of diversion to the calling user?   | R 4.4.1<br>NOT R 4.4.1                       | M<br>N/A | 9.2.2, 10.3   | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 20       | the procedures for identification of the diverted-to user to the calling user?  | R 4.4.1<br>NOT R 4.4.1                       | M<br>N/A | 9.2.3, 10.3   | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| MC 21       | the procedures for the CFU supplementary service at the served user?  | R 4.3 AND R 1.1.2<br>NOT (R 4.3 AND R 1.1.2) | M<br>N/A | 9.2.4.1, 10.6 | [ <input checked="" type="checkbox"/> ]Yes [ <input type="checkbox"/> ]No<br>[ <input type="checkbox"/> ]N/A |
| (continued) |   |  |          |               |  |

**Table A.6 (concluded): Major capabilities - network**

| Item      | Major capability:<br>Does the implementation support...  | Conditions for status  | Status   | Reference         | Support   |
|-----------|--|--|----------|-------------------|---|
| MC 22     | the Network Determined User Busy (NDUB) procedures for the CFB supplementary service at the served user? | R 4.3 AND R 1.1.1<br>NOT (R 4.3 AND R 1.1.1)                     | M<br>N/A | 9.2.4.2, 10.6     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 23     | the User Determined User Busy (UDUB) procedures for the CFB supplementary service at the served user?    | R 4.3 AND R 1.1.1<br>NOT (R 4.3 AND R 1.1.1)                     | M<br>N/A | 9.2.4.3, 10.6     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 24     | the procedures for the CFNR supplementary service at the served user?                                    | R 4.3 AND R 1.1.3<br>NOT (R 4.3 AND R 1.1.3)                     | M<br>N/A | 9.2.4.4 10.6      | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 25     | the procedures for the CD supplementary service at the served user?                                      | R 4.3 AND R 1.2<br>NOT (R 4.3 AND R 1.2)                         | M<br>N/A | 9.2.4.5, 10.6     | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 26     | the procedures associated with release of the diverting number to the diverted-to user for...            |  |          |                   |   |
| MC 26.1   | CFU?   | R 4.4.2<br>NOT R 4.4.2   | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 26.2   | CFB?   | R 4.4.2<br>NOT R 4.4.2   | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 26.3   | CFNR?  | R 4.4.2<br>NOT R 4.4.2   | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 26.4   | CD?  | R 4.4.2<br>NOT R 4.4.2   | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 27     | the procedures associated with the sending of reminder notification to the served user for...            |  |          |                   |   |
| MC 27.1   | CFU?   | R 4.3 AND R 1.1.2 AND R 3.1<br>NOT (R 4.3 AND R 1.1.2 AND R 3.1) | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 27.2   | CFB?   | R 4.3 AND R 1.1.1 AND R 3.1<br>NOT (R 4.3 AND R 1.1.1 AND R 3.1) | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 27.3   | CFNR?  | R 4.3 AND R 1.1.3 AND R 3.1<br>NOT (R 4.3 AND R 1.1.3 AND R 3.1) | O<br>N/A | 6.1 table1        | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 28     | the procedures associated with the diversion of a call within or beyond the private ISDN?                | R 3.2<br>NOT R 3.2   | M<br>N/A | 10.1              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 29     | the procedures for presentation of a diverted call to a private ISDN?                                    | R 3.2<br>NOT R 3.2   | M<br>N/A | 10.2              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 30     | the procedures for diverted calls presented from a private ISDN?   | R 3.2<br>NOT R 3.2   | M<br>N/A | 10.4              | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 31     | procedures of diversion by partial rerouting for...  |  |          |                   |   |
| MC 31.1   | CFB?   | R 3.2 AND R 1.1.1<br>NOT (R 3.2 AND R 1.1.1)                     | O<br>N/A | 6.1 table 2, 10.5 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 31.2   | CFU?   | R 3.2 AND R 1.1.2<br>NOT (R 3.2 AND R 1.1.2)                     | O<br>N/A | 6.1 table 2, 10.5 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 31.3   | CFNR?  | R 3.2 AND R 1.1.3<br>NOT (R 3.2 AND R 1.1.3)                     | O<br>N/A | 6.1 table 2, 10.5 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 31.4   | CD?  | R 3.2 AND R 1.2<br>NOT (R 3.2 AND R 1.2)                         | O<br>N/A | 6.1 table 2, 10.5 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| MC 32     | the procedures of interactions with other networks?  |  | M        | 11                | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                 |
| O.7       | Support of at least one of these options is required.  |  |          |                   |   |
| Comments: |  |  |          |                   |   |

## A.8.2 Subsidiary capabilities

**Table A.7: Subsidiary capabilities - network**

| Item      | Subsidiary capability:<br>Does the implementation...  | Conditions for status  | Status      | Reference    | Support   |
|-----------|---|--|-------------|--------------|---|
| SC 1.1    | support retention of the call at the CFNR served user until alerting begins at the diverted-to user?                                | R 4.3 AND R 1.1.3<br>NOT (R 4.3 AND R 1.1.3)   | O.8<br>N/A  | 6.1, 9.2.4.4 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |
| SC 1.2    | support clearing of the call at the CFNR served user on invocation of the call diversion service?                                   | R 4.3 AND R 1.1.3<br>NOT (R 4.3 AND R 1.1.3)   | O.8<br>N/A  | 6.1, 9.2.4.4 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| SC 2.1    | support retention of the call at the CD served user until alerting begins at the diverted-to user?                                  | R 4.3 AND R 1.2<br>NOT (R 4.3 AND R 1.2)   | O.9<br>N/A  | 6.1, 9.2.4.5 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |
| SC 2.2    | support clearing of the call at the CD served user on invocation of the call diversion service?                                     | R 4.3 AND R 1.2<br>NOT (R 4.3 AND R 1.2)   | O.9<br>N/A  | 6.1, 9.2.4.5 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| SC 3.1    | support retention of the call at the partial rerouting private ISDN until alerting begins at the diverted-to user?                  | MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4<br>NOT (MC 31.1 OR MC 31.2<br>OR MC 31.3 OR MC 31.4) | O.10<br>N/A | 6.1, 10.5    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><input type="checkbox"/> N/A |
| SC 3.2    | support clearing of the call at the partial rerouting private ISDN on invocation of the call diversion service?                     | MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4<br>NOT (MC 31.1 OR MC 31.2<br>OR MC 31.3 OR MC 31.4) | O.10<br>N/A | 6.1, 10.5    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| SC 4      | override the value of the subscription option "Diverting number is released to the diverted-to user" with call-by-call indications? | R 4.3 AND R 1.2<br>NOT (R 4.3 AND R 1.2)   | O<br>N/A    | 6.1, 9.2.4.5 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No<br><input type="checkbox"/> N/A |
| O.8       | Support of at least one of these options is required.   |  |             |              |   |
| O.9       | Support of at least one of these options is required.   |  |             |              |   |
| O.10      | Support of at least one of these options is required.   |  |             |              |   |
| Comments: |   |  |             |              |   |

## A.8.3 Protocol data units

No items requiring response.

#### A.8.4 Protocol data unit parameters

**Table A.8: Facility information element components received by the network**

| Item      | Facility information element components:<br>Does the implementation support... | Conditions for status  | Status   | Reference          | Support  |
|-----------|--|--|----------|--------------------|--|
| P 21      | ActivationDiversion invoke?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.1, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 22      | DeactivationDiversion invoke?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.2, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 23      | InterrogationDiversion invoke?   | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.4, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 24      | InterrogateServedUser<br>Numbers invoke?                                       | MC 11<br>NOT MC 11   | M<br>N/A | 7.1, 9.1.3, 10.6   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 25      | CallDeflection invoke?   | R 1.2 AND R 4.3<br>NOT (R 1.2 AND R 4.3)   | M<br>N/A | 7.1, 9.2.4.5, 10.6 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 26      | CallRerouteing invoke?   | MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4<br>NOT (MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4) | M<br>N/A | 7.1, 10.5          | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 27      | DivertingLegInformation1 invoke?   | R 3.2 AND MC 28<br>NOT (R 3.2 AND MC 28)   | M<br>N/A | 7.1, 10.1          | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 28      | DivertingLegInformation2 invoke?   | R 3.2 AND MC 30<br>NOT (R 3.2 AND MC 30)   | M<br>N/A | 7.1, 10.4          | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 29      | DivertingLegInformation3 invoke?   | R 3.2 AND R 4.4.2<br>NOT R 3.2   | M<br>N/A | 7.1, 10.1, 10.2    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| Comments: |  |  |          |                    |  |

**Table A.9: Facility information element components transmitted by the network**

| Item      | Facility information element components:<br>Does the implementation support... | Conditions for status  | Status   | Reference   | Support  |
|-----------|--|--|----------|---|--|
| P 30.1    | ActivationDiversion return result?   | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.1, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 30.2    | ActivationDiversion return error?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.1, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 31.1    | DeactivationDiversion return result?   | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.2, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 31.2    | DeactivationDiversion return error?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.2, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 32      | ActivationStatus<br>NotificationDiv invoke?                                    | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.1  | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 33      | DeactivationStatus<br>NotificationDiv invoke?                                  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.2  | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 34.1    | InterrogationDiversion return result?  | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.4, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 34.2    | InterrogationDiversion return error?   | R 1.1 AND R 4.3<br>NOT (R 1.1 AND R 4.3)   | M<br>N/A | 7.1, 9.1.4, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 35.1    | InterrogateServedUser<br>Numbers return result?                                | MC 11<br>NOT MC 11   | M<br>N/A | 7.1, 9.1.3, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 35.2    | InterrogateServedUser<br>Numbers return error?                                 | MC 11<br>NOT MC 11   | M<br>N/A | 7.1, 9.1.3, 10.6                                    | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 36      | DiversionInformation invoke?   | MC 12.1 OR MC 12.2 OR<br>MC 12.3<br>NOT (MC 12.1 OR MC 12.2 OR<br>MC 12.3)                       | M<br>N/A | 7.1, 9.2.4.1,<br>9.2.4.2, 9.2.4.3,<br>9.2.4.4, 10.6 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 37.1    | CallDeflection return result?  | R 1.2 AND R 4.3<br>NOT (R 1.2 AND R 4.3)   | M<br>N/A | 7.1, 9.2.4.5, 10.6                                  | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 37.2    | CallDeflection return error?   | R 1.2 AND R 4.3<br>NOT (R 1.2 AND R 4.3)   | M<br>N/A | 7.1, 9.2.4.5, 10.6                                  | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 38.1    | CallRerouteing return result?  | MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4<br>NOT (MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4) | M<br>N/A | 7.1, 10.5   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 38.2    | CallRerouteing return error?   | MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4<br>NOT (MC 31.1 OR MC 31.2 OR<br>MC 31.3 OR MC 31.4) | M<br>N/A | 7.1, 10.5   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 39      | DivertingLegInformation2 invoke?   | R 3.2 AND R 4.4.2<br>NOT (R 3.2 AND R 4.4.2)   | M<br>N/A | 7.1, 10.2   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 40      | DivertingLegInformation3 invoke?   | R 3.2 AND MC 30<br>NOT (R 3.2 MC 30)   | M<br>N/A | 7.1, 10.4   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| Comments: |  |  |          |   |  |



**Table A.10: Notification indicator information element values transmitted by the network**

| Item      | Notification indicator information element values:<br>Does the implementation support... | Conditions for status  | Status   | Reference      | Support  |
|-----------|--|--|----------|----------------|--|
| P 41.1    | "Call is diverting"?   | R 4.4.1<br>NOT R 4.4.1   | M<br>N/A | 7.2.1, 9.2.2.1 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| P 41.2    | "Diversion activated"?   | MC 27.1 OR MC 27.2 OR<br>MC 27.3<br>NOT (MC 27.1 OR MC 27.2 OR<br>MC 27.3) | M<br>N/A | 7.2.1, 9.3.1   | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| Comments: |  |  |          |                |  |

**Table A.11: SETUP PDU information elements transmitted by the network**

| Item   | SETUP PDU information elements:<br>Does the implementation support... | Conditions for status  | Status   | Reference      | Support  |
|--|---|------------------------|----------|----------------|--|
| P 42   | Redirecting number?   | R 4.4.2<br>NOT R 4.4.2 | M<br>N/A | 7.2.2, 9.2.5.1 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| NOTE: These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]). |   |                        |          |                |  |
| Comments:  |   |                        |          |                |  |

**Table A.12: ALERTING PDU information elements transmitted by the network**

| Item   | ALERTING PDU information elements:<br>Does the implementation support... | Conditions for status  | Status      | Reference            | Support  |
|--|--|------------------------|-------------|----------------------|--|
| P 43   | Redirection number?  | R 4.4.1<br>NOT R 4.4.1 | O.11<br>N/A | 7.2.3, 9.2.3.1, 10.3 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| O.11   | See table A.16.  |                        |             |                      |  |
| NOTE: These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]). |  |                        |             |                      |  |
| Comments:  |  |                        |             |                      |  |

**Table A.13: CONNECT PDU information elements transmitted by the network**

| Item   | CONNECT PDU information elements:<br>Does the implementation support... | Conditions for status  | Status      | Reference            | Support  |
|--|---|------------------------|-------------|----------------------|--|
| P 44   | Redirection number?   | R 4.4.1<br>NOT R 4.4.1 | O.11<br>N/A | 7.2.3, 9.2.3.1, 10.3 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| O.11   | See table A.16.   |                        |             |                      |  |
| NOTE: These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]). |   |                        |             |                      |  |
| Comments:  |   |                        |             |                      |  |

**Table A.14: INFORMATION PDU information elements transmitted by the network**

| Item      | INFORMATION PDU information elements:<br>Does the implementation support...                      | Conditions for status  | Status      | Reference            | Support  |
|-----------|--|------------------------|-------------|----------------------|--|
| P 45      | Redirection number?  | R 4.4.1<br>NOT R 4.4.1 | O.11<br>N/A | 7.2.3, 9.2.3.1, 10.3 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| O.11      | See table A.16.  |                        |             |                      |  |
| NOTE:     | These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]). |                        |             |                      |  |
| Comments: |  |                        |             |                      |  |

**Table A.15: NOTIFY PDU information elements transmitted by the network**

| Item      | NOTIFY PDU information elements:<br>Does the implementation support...                           | Conditions for status  | Status      | Reference            | Support  |
|-----------|--|------------------------|-------------|----------------------|--|
| P 46      | Redirection number?  | R 4.4.1<br>NOT R 4.4.1 | O.11<br>N/A | 7.2.3, 9.2.3.1, 10.3 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| O.11      | See table A.16.  |                        |             |                      |  |
| NOTE:     | These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]). |                        |             |                      |  |
| Comments: |  |                        |             |                      |  |

**Table A.16: PROGRESS PDU information elements transmitted by the network**

| Item      | PROGRESS PDU information elements:<br>Does the implementation support...                         | Conditions for status  | Status      | Reference            | Support  |
|-----------|--|------------------------|-------------|----------------------|--|
| P 47      | Redirection number?  | R 4.4.1<br>NOT R 4.4.1 | O.11<br>N/A | 7.2.3, 9.2.3.1, 10.3 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| O.11      | Support of at least one of these options is required.  |                        |             |                      |  |
| NOTE:     | These parameters are additional to those required for support of basic call (ETS 300 102-1 [3]). |                        |             |                      |  |
| Comments: |  |                        |             |                      |  |

#### A.8.5 Timers

**Table A.17: Timers - network**

| Item      | Timer:<br>Does the implementation support... | Conditions for status                        | Status   | Reference   | Support  |
|-----------|--|--|----------|-------------|--|
| TM 1      | T-CFNR?                                      | R 1.1.3 AND R 4.3<br>NOT (R 1.1.3 AND R 4.3) | M<br>N/A | 9.2.4.4, 13 | [ <input checked="" type="checkbox"/> ]Yes [ ]No<br>[ ]N/A |
| Comments: |  |  |          |             |  |

#### 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 | Annual Review – no changes required – issue remains unchanged.   |