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|  |
| Interconnect |
| **IUP SERVICES** |
| Operational Testing Manual |
|  |
| Issue 6.0 |
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**1 Document Information**

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**1.2 Legal Notice**

British Telecommunications PLC “BT” provides a copy of this Operational Testing Manual “OTM” to UK Communications Providers “CPs” for their own use subject to the following conditions:

* That any revision has all references to BT removed (unless BT gives its prior written consent to the contrary);
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This document does not form part of any contract between BT and the CP.

However, some parts of this document may, where a ‘[Standard Interconnect Agreement](https://www.btwholesale.com/pages/static/Pricing_and_Contracts/Reference_Offers/Telephony.html)’ exists between BT and the CP, repeat certain legally binding provisions of that interconnect agreement. If that is the case, the fact that this document is not itself legally binding shall not affect any of the rights and obligations of BT or the CP under the interconnect agreement.

BT and the CP will endeavour to confirm that the information contained in this document is correct to the best of their knowledge. However, neither party warrants that such information will be free from errors.

**1.4 Issue Control**

This document is issued and maintained by the BT Operate and is controlled in accordance with BT Quality Management System Procedures.

The issue number of the document will be identified by the ‘Issue’ on the front page.

The issue date of the document will be identified by the top entry in the table in sub-section 1.5.

The current version of this document can be located [here](https://www.btwholesale.com/pages/static/Library/Technical_Documents_and_Procedures/Interconnect_Testing_Manual/index.htm).

**This document becomes uncontrolled when printed or after being downloaded.**

**1.5 Document History**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Date** | **Summary of Changes** | |
| 6.0 | 31/07/12 | Change of ownership to BT Operate - see 1.6 for other changes | |
| 5.0 | 31/07/06 | Basic Telephony, Number Translation Service, Dial IP, Directory Enquiries and CPS OTMs incorporated. Free and charging call info removed from all NTS tests (replaced with specific test). CPS tests converted from old format, new test added & test procedures updated. VoIP section removed. | |
| 4.0 | 28/02/05 | Full Issue | No Changes to Draft B |
| 30/09/04 | Draft B | * SIM, ACI Message Sequence Diagrams Added in Message Library (see sub-section 3.1) * Test Procedure Amended after Comments (see sub-section 1.6 for details). |
| 30/09/04 | Draft A | * Shows Basic Telephony tests moved to Basic Telephony OTM * Change of test numbers for all service types * Placeholders inserted for IUP Service Types currently in other OTMs * Change to 999 Test removing EA part * New tests Paging and Voice Messaging * New Personal Numbering section * Address Library Added |
| 3.0 | 30/06/03 | Reformat all sections, remove NTS, TMS & DQ tests, review test procedures | |
| 2.2 | 30/05/01 | Up Issue to confirm validity & amend contact details | |
| 2.1 | 30/05/00 | Minor Amendments | |
| 2.0 | 19/03/99 | Working Status | |
| 1.0 | 08/10/98 | Initial Issue – Draft | |

**1.6 Summary of Changes to Last Issue**

|  |
| --- |
| **Section 1** |
| Reflecting changes to other sections only |

|  |
| --- |
| **Section 2** |
| New Basic Telephony test 221 added for ‘PCLI Test’  Inclusion of MF tone check in tests BT 216, NTS 411, PN 495, IASS 362, IATS 382 and CPS 265 |

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| **Section 3** |
| None |

**1.7 Review Procedure**

The document will be reviewed biennially by the author.

Should amendments or additions be required, the proposed changes will be communicated to industry via interconnect notification and/or briefing via the Standard Contract Forum as appropriate.

Comments or proposed amendments to this document should be forwarded to the Author.

**1.8 Author**

The author of this document can be contacted for enquiries or comment via e-mail by clicking [here](mailto:ix.support@bt.com?subject=Interconnect%20IUP%20Services%20OTM%20Enquiries).

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|  |  |  |
|  | **End of Section 1** |  |

**2 Testing**

**2.1 Introduction**

The tests within this document validate the implementation of all service types using IUP signalling. Similar tests for UK-ISUP service types can be found in the UK-ISUP Services OTM.

Transmission, MTP and Data tests for the appropriate test case should be performed as defined in the Core OTM.

Testing Methodology is explained in the Guide OTM Section 2.5.

**2.2 Test Description List & Test Cases**

Commence on next page.

2.2.1 Basic Telephony

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | **Basic Telephony** | | | | | | | | | |
| **Test** | **NTE Type** | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 201 | ISDN | ISDN | CAT1 Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 202 | ISDN | DEL | CAT2 Call | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 203 | ISDN | DEL/Mob | 3.1 kHz Call | | ◼ |  |  |  |  | ◼ |  |  |  |
| 204 | ISDN/Mob | ISDN/Mob | Unrestricted Data Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 205 | DEL/Mob | DEL/Mob | Forced Release on Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 206 | DEL/Mob | DEL/Mob | Called Subscriber Hold Time Out | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 207 | DEL/Mob | DEL/Mob | Called Subscriber Answer Time Out (No Divert) | | ◼ |  |  |  |  | ◼ |  |  |  |
| 208 | DEL/Mob | DEL/Mob | Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 209 | DEL/Mob | DEL | Malicious Call Intercept | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 210 | DEL/Mob | DEL/Mob | Diversion on Busy to Free Line | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 211 | DEL/Mob | DEL/Mob | Diversion on no Answer to Busy Line | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 212 | DEL/Mob | DEL/Mob | Unconditional Diversion to Out Of Order Line | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 213 | DEL/Mob | DEL/Mob | Local Voicemail | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 214 | DEL | Mob | Out Of Coverage, No Diversion | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 215 | DEL | Mob | Post Dial Delay to Switched Off Mobile | | ◼ |  |  |  |  | ◼ |  |  |  |
| 216 | DEL/Mob | DEL/Mob | Caller Identity Treatment & MF Tones | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 217 | DEL/Mob | DEL/Mob | Presentation Number | | ◼ |  |  |  |  | ◼ |  |  |  |
| 218 | DEL/Mob | DEL/Mob | Ring Back When Free | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 219 | DEL/Mob | DEL/Mob | Customer On Hold | | ◼ |  |  |  |  | ◼ |  |  |  |
| 220 | DEL/Mob | DEL | Anonymous / Chosen Call Reject | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 221 | DEL/Mob | DEL | Partial Calling Line Identity | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| End of Basic Telephony Tests | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.2 Directory Enquiries

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | **Directory Enquiries** | | | | | | | | | |
| These tests must be used for both BT & CP 118XXX type DQ service testing, and be repeated for all DQ Services that that each CP will be offering. | | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 281 | DEL/Mob | | CHC | Successful Call | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 282 | DEL/Mob | | CHC | Service Busy / Unavailable | | ◼ |  |  |  |  | ◼ |  |  |  |
| 283 | DEL/Mob | | CHC | Service Unavailable Answer Time Out | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 284 | DEL/Mob | | CHC | Extended Call | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| End of Directory Enquiries Tests | | | | | | | | | | | | | | |

2.2.3 BT Emergency Service

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | **BT Emergency Service** | | | | | | | | | |
| **Test** | **NTE Type** | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 291 | DEL | | CHC | II Digits & Page Information | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 292 | DEL | | CHC | Last Party Release | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ |  |  |
| 293 | DEL/Mob | | CHC | Alternative Routing | | ◼ | ◼ |  |  |  |  |  |  |  |
| 294 | DEL/Mob | | CHC | 112 Call Handling | | ◼ | ◼ |  |  |  |  |  |  |  |
| 295 | DEL | | CHC | Permanent OCB Indicator | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ |  |  |
| 296 | Mob | | CHC | II Digits, Zone Code & Page Information | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| End of BT Emergency Service Tests | | | | | | | | | | | | | | |

2.2.4 BT Operator Services

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | **BT Operator Services** | | | | | | | | | |
| **Test** | **NTE Type** | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 271 | DEL/Mob | | CHC | Call Handling to BT National Operator (100) | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 272 | DEL/Mob | | CHC | Call Handling to BT International Operator (155) | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 273 | DEL/Mob | | CHC | Call Handling to BT Blind/Disabled Operator (195) | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| End of BT Operator Services Tests | | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.5 Number Translation Service

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | | **Number Translation Service** | | | | | | | | | |
| **Note: These tests must be repeated for both CP🡪BT and BT🡪CP where supported.**  The expected testing method will be the originating network via the CP’s NTS service back to the originating network. Where this is not possible test procedure and results should be adjusted as necessary. | | | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 401 | | DEL/Mob | | DEL | Malicious Call Intercept | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 403 | | DEL/Mob | | DEL | Successful Call & Charge Indicator Check | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 404 | | ISDN | | DEL | 3.1 kHz Call | | ◼ |  |  |  |  | ◼ |  |  |  |
| 405 | | ISDN | | ISDN | CAT1 Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 406 | | ISDN | | ISDN | CAT2 Call | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 407 | | DEL/Mob | | DEL | Forced Release on Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 408 | | DEL/Mob | | DEL | Called Subscriber Hold Time Out | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 409 | | DEL/Mob | | DEL | Called Subscriber Answer Time Out | | ◼ |  |  |  |  | ◼ |  |  |  |
| 410 | | DEL/Mob | | DEL | Calls to Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 411 | | DEL/Mob | | DEL | Caller Display Treatment & MF Tones | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| End of Number Translation Service Tests | | | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.6 Personal Numbering / Personal Assistant

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | **Personal Numbering / Personal Assistant** | | | | | | | | | |
| Except for mobile and voice messaging (VM) terminated calls, the expected testing method will be from a BT line via the CPs PN/PA service back to a second BT line (mobile terminated tests may be routed via BT). Where this is not possible test procedure and results should be adjusted as necessary.  When testing a PA service, only the prescribed terminating line type(s) should be active in each test. | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 481 | DEL | DEL & Mob | Backward & Forward Release | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 482 | ISDN | DEL | 3.1 kHz Call | | ◼ |  |  |  |  | ◼ |  |  |  |
| 483 | ISDN | ISDN | CAT1 Call | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 484 | ISDN | DEL & Mob | CAT2 Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 485 | ISDN | Mob | Unrestricted Data | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 486 | DEL | DEL | Forced Release On Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 487 | DEL | DEL & Mob | Called Subscriber Hold Time Out | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 488 | DEL | DEL & Mob | Called Subscriber Answer Time Out (No Divert) | | ◼ |  |  |  |  | ◼ |  |  |  |
| 489 | DEL | DEL & Mob | Confirm correct answer timing for Personal Assistant Service | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 490 | DEL | DEL | Busy (Local Message / No Voice Message) | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 491 | DEL | DEL | Service Out of Order | | ◼ |  |  |  |  | ◼ |  |  |  |
| 492 | DEL | VM | Voice Message Retrieve | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 493 | DEL | VM | Account Administration | | ◼ |  |  |  |  | ◼ |  |  |  |
| 494 | DEL | DEL | Malicious Call Intercept | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 495 | DEL | Mob | Caller Identity Treatment & MF Tones | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| End of Personal Numbering / Personal Assistant Tests | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.7 Indirect Access Single Stage

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | **Indirect Access Single Stage** | | | | | | | | | |
| The expected testing method will be the originating network via the CP’s Single Stage IA service back to the originating network. Where this is not possible test procedure and results should be adjusted as necessary. | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 351 | ISDN | DEL | 3.1 kHz Call | | ◼ |  |  |  |  | ◼ |  |  |  |
| 352 | ISDN | ISDN | CAT1 Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 353 | ISDN | DEL | CAT2 Call | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 354 | DEL | DEL | Forced Release on Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 355 | DEL | DEL | Forced Release on Unregistered Line | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 356 | DEL | DEL | Called Subscriber Hold Time Out | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 357 | DEL | DEL | Called Subscriber Answer Time Out | | ◼ |  |  |  |  | ◼ |  |  |  |
| 358 | DEL | DEL | Call to Originating Network ‘Free To Caller’ Number Translation Service | | ◼ |  |  |  |  | ◼ |  |  |  |
| 359 | DEL | DEL | Calls to Busy and Spare Lines | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 360 | DEL | DEL | Malicious Call Intercept | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 361 | DEL | DEL | 999, 112 & 100 Call Treatment | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 362 | DEL | DEL | Caller Identity Treatment & MF Tones | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| End of Indirect Access Single Stage Tests | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.8 Indirect Access Two Stage

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | **Indirect Access Two Stage** | | | | | | | | | |
| The expected testing method will be the originating network via the CP’s Two Stage IA service back to the originating network. Where this is not possible test procedure and results should be adjusted as necessary. | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 371 | ISDN | ISDN | 3.1 kHz Call | | ◼ |  |  |  |  | ◼ |  |  |  |
| 372 | ISDN | ISDN | CAT1 Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 373 | ISDN | DEL | CAT2 Call | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 374 | DEL | DEL | Forced Release on Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 375 | DEL | DEL | Forced Release on Unregistered Line | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 376 | DEL | DEL | Called Subscriber Hold Time Out | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 377 | DEL | DEL | Called Subscriber Answer Time Out | | ◼ |  |  |  |  | ◼ |  |  |  |
| 378 | DEL | DEL | Call to Originating Network ‘Free To Caller’ Number Translation Service | | ◼ |  |  |  |  | ◼ |  |  |  |
| 379 | DEL | DEL | Calls to Busy and Spare Lines | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 380 | DEL | DEL | Malicious Call Intercept | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 381 | DEL | DEL | 999, 112 & 100 Call Treatment | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 382 | DEL | DEL | Caller Identity Treatment & MF Tones | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| End of Indirect Access Two Stage Tests | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.9 Carrier Pre-Select

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | **Carrier Pre-Select** | | | | | | | | | |
| The expected testing method will be the originating network via the CP’s CPS service back to the originating network. Where this is not possible test procedure and results should be adjusted as necessary. Calls must be repeated for each CPS service that the CP provides e.g. Local, National & International. | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 251 | ISDN | ISDN | CAT1 Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 252 | ISDN | ISDN | CAT2 Call | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 253 | DEL | DEL | Forced Release on Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 254 | DEL | DEL | Forced Release on Unregistered Line | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 256 | DEL | DEL | Called Subscriber Hold Time Out | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 258 | DEL | DEL | Called Subscriber Answer Time Out | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 260 | DEL | DEL | Calls to Busy and Spare Numbers | | ◼ |  |  |  |  | ◼ |  |  |  |
| 262 | DEL | DEL | Malicious Call Identification | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 265 | DEL | DEL | Caller Identity Treatment & MF Tones | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 266 | DEL | DEL | Terminating Line Diverted | | ◼ |  |  |  |  | ◼ |  |  |  |
| 267 | DEL | DEL | Call Diversion via CP’s CPS Service | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 268 | DEL | DEL | Call Treatment on Unsupported Service | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| End of Carrier Pre-Select Tests | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.10 Dial IP

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | **Dial IP** | | | | | | | | | |
| If the traffic route under test also carries voice traffic appropriate services tests must also be performed | | | | | | | | | | | | | | |
| **Test** | **NTE Type** | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 301 | DEL | | Modem | Basic Call (Point To Point Session Established) | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 302 | ISDN | | Modem | CAT1 Call (Point To Point Session Established) | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 303 | DEL | | Modem | Forced Release on Incomplete Destination Number | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 304 | DEL | | Modem | Called Party Answer Time Out (Modem Does Not Answer) | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 305 | DEL | | Modem | Spare Number Range | | ◼ |  |  |  |  | ◼ |  |  |  |
| 306 | DEL | | Modem | All Modems Busy | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 307 | DEL | | Modem | Modem Power Failure (Session Established) | | ◼ |  |  |  |  | ◼ |  |  |  |
| End of Dial IP Tests | | | | | | | | | | | | | | |

2.2.11 Paging

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | **Paging** | | | | | | | | | |
| **Test** | **NTE Type** | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 431 | DEL | PS | Successful Call | | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 432 | ISDN | PS | CAT1 Call | | | ◼ |  |  |  |  | ◼ |  |  |  |
| 433 | ISDN | PS | CAT2 Call | | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ |  |  |
| 434 | DEL | PS | Call to an Invalid Number Range | | | ◼ |  |  |  |  | ◼ |  |  |  |
| 435 | DEL | PS | Back Busying & Alternative Routing | | | ◼ |  |  |  |  | ◼ |  |  |  |
| 436 | DEL | PS | Forced Release On Incomplete Destination Number | | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 437 | DEL | PS | Terminated Call Treatment | | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 438 | DEL | PS | CSH Time Out | | | ◼ |  |  |  |  | ◼ |  |  |  |
| 439 | DEL | PS | Call to an Unallocated Pager Number | | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 440 | DEL | PS | CSA Time Out | | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 442 | DEL | PS | Call Treatment on Paging Equipment Failure | | | ◼ |  |  |  |  | ◼ |  |  |  |
| End of Paging Tests | | | | | | | | | | | | | | |

**2.2 Test Description List & Test Cases (Contd)**

2.2.12 CP Voice Messaging Service

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Service Type:** | | | | | **CP Voice Messaging Service** | | | | | | | | | |
| **Test** | **NTE Type** | | | **TEST DESCRIPTION** | | **Test Case** | | | | | | | | |
| **1** | | **2** | | **3** | **4** | | | **5** |
| **Orig** | **Term** | | **a** | **b** | **a** | **b** | **a** | **b** | **c** |
| 461 | DEL | | VMS | Normal Operation Divert on Busy | | ◼ | ◼ | ◼ | ◼ |  | ◼ | ◼ | ◼ |  |
| 462 | ISDN | | VMS | CAT1 Call | | ◼ |  |  |  |  | ◼ |  |  |  |
| 463 | ISDN | | VMS | CAT2 Call | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 464 | DEL | | VMS | Normal Operation Divert on No Answer | | ◼ |  |  |  |  | ◼ |  |  |  |
| 465 | DEL | | VMS | Normal Operation All Calls Diverted | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 466 | DEL | | VMS | Remote Message Retrieval | | ◼ |  |  |  |  | ◼ |  |  |  |
| 467 | DEL | | VMS | Remote Control Options | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 468 | DEL | | VMS | Simultaneous Remote & Local Retrieve | | ◼ |  |  |  |  | ◼ |  |  |  |
| 470 | DEL | | VMS | Local Message Retrieval | | ◼ |  |  |  |  | ◼ |  |  |  |
| 471 | DEL | | VMS | Local Control Options | | ◼ |  |  |  |  | ◼ |  |  |  |
| 472 | DEL | | VMS | Message Waiting Indication | | ◼ | ◼ | ◼ |  |  | ◼ | ◼ | ◼ |  |
| 473 | DEL | | VMS | Ring Period Control | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| 474 | DEL | | VMS | Message Notification Call | | ◼ | ◼ |  |  |  | ◼ | ◼ |  |  |
| End of CP Voice Messaging Service Tests | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets**

2.3.1 Basic Telephony

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 201 | | | | | | CAT1 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| ISDN | | | | ISDN | | | | NN Available  PN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a data call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer (Auto Answer) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SIM A | | | |  | | Type 7 | | | | | | | | | | | | | | | |
| SIM B | | | | | **>** | |  | | | |  | | Type 2 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | SIM C | | | |  | | Type 8 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| Communication | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 202 | | | | | | CAT2 Call | | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | BT🡪CP | | | | |  |  |
| ISDN | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer & confirm speech quality is satisfactory | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | SIM A | | | |  | | Type 7 | | | | | | | Possible for Mobile | | | | | | | | | |
| SIM B | | | | | **>** | |  | | | |  | | Type 2 | | | | | | |
|  | | | | | **<** | | SIM C | | | |  | | Type 8 | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 203 | | | | | | 3.1 kHz Call | | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | BT🡪CP | | | | |  |  |
| ISDN | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 3.1kHz call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer & confirm speech quality is satisfactory | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | SIM A | | | |  | | Type 7 | | | | | | | Possible for Mobile | | | | | | | | | |
| SIM B | | | | | **>** | |  | | | |  | | Type 2 | | | | | | |
|  | | | | | **<** | | SIM C | | | |  | | Type 8 | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 204 | | | | | | Unrestricted Data Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| ISDN | | | | Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| Mob | | | | ISDN | | | | PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Generate a mobile terminated CAT 1 ISDN call generation at 9.6kbs | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Transmit some “data” - e.g. by typing “Hello” on the terminal | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | SIM A | | | |  | | Type 7 | | | | | | | | | | | | | | | |
| SIM B | | | | | **>** | |  | | | |  | | Type 2 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | SIM C | | | |  | | Type 8 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 205 | | | | | | Forced Release on Incomplete Destination Number | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call omitting the last digit of called party number | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call releases appropriately | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SADs | | | |  | |  | | | | | | | | | | | | | | | |
| FAM/SAMs | | | | | **>** | |  | | | |  | | Final Digit(s) may be sent in an FAM in which case the following will not apply | | | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA | | | |  | | Reason 01 (Address Incomplete) | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | Part | | |
| BT 206 | | | | Called Subscriber Hold Time Out | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP | |  |  |
| DEL/Mob | | DEL/Mob | | | | NN Available | | | Any | CP🡪BT | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call | | | | | | | | | | | | |
| **2** | Answer | | | | | | | | | | | | |
| **3** | Hang up from the called line | | | | | | | | | | | | |
| **4** | After a few seconds re-answer the call and confirm conversation is still possible | | | | | | | | | | | | |
| **5** | Depress & immediately release the switch hooks on the ‘connected to’ number | | | | | | | | | | | | |
| **6** | Confirm conversation is still possible | | | | | | | | | | | | |
| **7** | Hang up from the called line | | | | | | | | | | | | |
| **8** | Confirm that the call releases after a suitable interval | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | | | **<** | | ACI | |  | CLI | | | | | |
| ACI | | | **>** | |  | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | | | |
| Speech | | | | | | |  |  | | | | | |
|  | | | **<** | | CLR | |  | Hook Flash | | | | | |
|  | | | **<** | | RAN | |  |  | | | | | |
| Speech | | | | | | |  |  | | | | | |
|  | | | **<** | | CLR | |  | Hang Up | | | | | |
|  | | | **<** | | RAN | |  | & Re-answer | | | | | |
| Speech | | | | | | |  |  | | | | | |
|  | | | **<** | | CLR | |  | Hang Up | | | | | |
|  | | |  | |  | |  | Timer - Typically 2 minutes, may be much shorter on calls to Mobiles. Consult Service Description if Necessary. | | | | | |
| Either | | | | | | |  |  | | | | | |
| REL | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | REL | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
| Or | | | | | | |  |  | | | | | |
|  | | | **<** | | REL | |  |  | | | | | |
| REL | | | **>** | |  | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| BT 206 Contd | | | Called Subscriber Hold Time Out | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 207 | | | | | | Called Subscriber Answer Time Out (No Divert) | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Do not answer | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Wait for the called party answer timer to mature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that the call clears appropriately | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer (Ring Tone to Caller) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
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|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | | |
| BT 208 | | | | | | Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | | | | | | | 1 of 4 | | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call ensuring that the called line is busy | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
| Then Either | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA / SEM | | | |  | | Reason 08 (Busy) | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |
| Or | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All Fields As Per Reference ACM | | | | | | | | | | | | | | | | |
| In Band Announcement / Tone | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 208 Contd | | | | | | Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | | | | | | | 2 of 4 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call ensuring that the called line has been set as “Out of Order” | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
| Then Either | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CNA | | | |  | | Reason 9/33 (Subscriber Out Of Order / Subscriber Temporarily Out Of Service) | | | | | | | | | | | | | | | |
| REL | | | | **>** | | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
|  | | | | **<** | | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CCTF | | | |  | |
| Or | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | ACM | | | |  | | All Fields As Per Reference ACM | | | | | | | | | | | | | | | |
| In Band Announcement / Tone | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | **>** | | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | | |
|  | | | | **<** | | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CCTF | | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | | |
| BT 208 Contd | | | | | | Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | | | | | | | 3 of 4 | | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | Direction | | | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | BT🡪CP | | | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | CP🡪BT | | | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call ensuring that the called line has been set as “Spare” | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | | CLI | | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | |
| Then Either | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CNA | | |  | | | Reason 0/57 (Number Unobtainable / Spare Number or Code) | | | | | | | | | | | | | | | | |
| REL | | | | **>** | | |  | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
|  | | | | **<** | | | REL | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | | |  | | |  | | |  | | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CCTF | | |  | | |
| Or | | | | | | | | | | | | |  | | | | | | | | | | | | | | | | |
|  | | | | **<** | | | ACM | | |  | | | All Fields As Per Reference ACM | | | | | | | | | | | | | | | | |
| In Band Announcement / Tone | | | | | | | | | |  | | |  | | | | | | | | | | | | | | | | |
| REL | | | | **>** | | |  | | |  | | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | | | |
|  | | | | **<** | | | REL | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | | |  | | |  | | |  | | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CCTF | | |  | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  | |  | Tick As Appropriate | |  | | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  | |  |  | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  | |  |  | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  | |  |  | Due to Problem With: | | | BT | |  | |  | CP |  | |  | Details Below | | |
|  |  | | | | | | | |  | |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  | |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  | |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  |  | Due to Problem With: | | | BT | |  | |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 208 Contd | | | | | | Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | | | | | | | 4 of 4 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call ensuring that the called line is set as “Incoming Calls Barred” | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
| Then Either | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CNA | | | |  | | Reason 10/56 (Subscriber Controlled Incoming Calls Barred / Permanent Incoming Calls Barred) | | | | | | | | | | | | | | | |
| REL | | | | **>** | | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
|  | | | | **<** | | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CCTF | | | |  | |
| Or | | | | | | | | | | | | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | ACM | | | |  | | All Fields As Per Reference ACM | | | | | | | | | | | | | | | |
| In Band Announcement / Tone | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | **>** | | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | | |
|  | | | | **<** | | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | **<** | | | CCTF | | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | Part | | |
| BT 209 | | | | Malicious Call Intercept | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP | |  |  |
| DEL/Mob | | DEL | | | | NN **Withheld** | | | Any | CP🡪BT | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call (with the Calling Identity withheld), ensuring that the called line has an MCI type protocol enabled | | | | | | | | | | | | |
| **2** | Answer | | | | | | | | | | | | |
| **3** | Invoke MCI on the called phone | | | | | | | | | | | | |
| **4** | Attempt to forward release the call | | | | | | | | | | | | |
| **5** | Clear the call from the Called party | | | | | | | | | | | | |
| **6** | Confirm that print out is available containing a network number | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | | | **<** | | ACI | |  | CLI | | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | MCI Protocol | | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | | | |
| Communication | | | | | | |  |  | | | | | |
|  | | | | | | |  | Invoke MCI | | | | | |
| Communication | | | | | | |  |  | | | | | |
| CLR | | | **>** | |  | |  | Attempted Clear | | | | | |
| Communication | | | | | | |  |  | | | | | |
|  | | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| BT 209 Contd | | | Malicious Call Intercept | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | Part | | | |
| BT 210 | | | | | Diversion on Busy to Free Line | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | Direction | | | | | | | | |
| Originating | | | Terminating | | | | | Originating | | Terminating | BT🡪CP | | | | | | |  |  |
| DEL/Mob | | | DEL/Mob | | | | | NN Available | | Any | CP🡪BT | | | | | | |  |  |
| PN Available | | Tick As Appropriate | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | |
| **1** | Set the called line to divert calls on busy, and set up the line to divert to a free third line on the originating network | | | | | | | | | | | | | | | | | | |
| **2** | Make the called line busy in speech (not off hook as this may only ‘park’ the line) | | | | | | | | | | | | | | | | | | |
| **3** | Arrange for the diverted leg of the call to be routed back over the route under test | | | | | | | | | | | | | | | | | | |
| **4** | Make a call to the diverted line | | | | | | | | | | | | | | | | | | |
| **5** | Confirm that the CTI value in the diverting IFAM is set to a value of 1 (diverted call) and the LDLI (ACI interchange with ICC & IRC = 11) is correct | | | | | | | | | | | | | | | | | | |
| **6** | Confirm that the call releases appropriately | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | | | Message Exceptions | | | | | Message Sequence*Diverted* | | | | | | | |
| IFAM | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |  |  |  | | |  | | |
|  | | **<** | | ACI | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  |  | | |  | | |
| ACI | | **>** | |  | |  |  |  |  | | |  | | |
|  | | **<** | | ACM | |  |  | | | | |  |  |  | | |  | | |
|  | |  | |  | |  | Diversion Announcement (Optional) | | | | |  |  |  | | |  | | |
|  | |  | |  | |  | All fields as per reference IAM/IFAM except CTI = 1 | | | | |  | IFAM | **>** | | |  | | |
|  | |  | |  | |  | LDLI (ACI interchange with ICC/IRC = 11) | | | | |  |  | **<** | | | ACI | | |
|  | | **<** | | ACI | |  |  |  |  | | |  | | |
| ACI | | **>** | |  | |  |  |  |  | | |  | | |
|  | |  | |  | |  |  | ACI | **>** | | |  | | |
|  | |  | |  | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  | **<** | | | ACI | | |
|  | | **<** | | ACI | |  |  |  |  | | |  | | |
| ACI | | **>** | |  | |  |  |  |  | | |  | | |
|  | |  | |  | |  |  | ACI | **>** | | |  | | |
|  | |  | |  | |  | Second ACM suppressed on A leg | | | | |  |  | **<** | | | ACM | | |
|  | |  | |  | |  | All fields as per reference ANS | | | | |  |  | **<** | | | ANS | | |
|  | | **<** | | ANS | |  |  |  |  | | |  | | |
| Conversation | | | | | | | | | | | | | | | | | | | |
| REL | | **>** |  | | |  |  | |  | | |  |  | |  | |  | | |
|  | |  |  | | |  |  | |  | | |  | REL | | **>** | |  | | |
| **Contd….** | | | | | | | | | | | | | | | | | | | |

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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | | |
| BT 210 Contd | | | | | Diversion on Busy to Free Line | | | | | | | | | | | | | | | | | | | 1 of 1 | | | | |
| **Expected Results (Contd)** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | | | Message Exceptions | | | | | | | | | | | | Message Sequence*Diverted* | | | | | | | | | |
|  | |  | |  | |  |  | | | | | | |  | | | | |  | |  | **<** | | | | REL | | |
|  | | **<** | | REL | |  |  | | | | | | |  | | | | |  | |  |  | | | |  | | |
|  | |  | |  | |  |  | | | | | | |  | | | | |  | |  | **<** | | | | | CCTF | |
|  | | **<** | | CCTF | |  |  | | | | | | |  | | | | |  | |  |  | | | | |  | |
| CCTF | | **>** | |  | |  |  | | | | | | |  | | | | |  | |  |  | | | | |  | |
|  | |  | |  | |  |  | | | | | | |  | | | | |  | | CCTF | **>** | | | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | | | | | |
|  | Completed | | | | | | |  |  |  | | | | | | | | | | | | | | | | | |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP | | |  | |  | | | Details Below |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | | | | | |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | | | | | |
|  | Not Completed | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP | | |  | |  | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | Part | | | | |
| BT 211 | | | | | Diversion on No Answer to Busy Line | | | | | | | | | | | 1 of 1 | | | | |
| NTE Type | | | | | | | | NTE Conditions | | | Direction | | | | | | | | | |
| Originating | | | Terminating | | | | | Originating | | Terminating | BT🡪CP | | | | | | | |  |  |
| DEL/Mob | | | DEL/Mob | | | | | NN Available | | Any | CP🡪BT | | | | | | | |  |  |
| PN Available | | Tick As Appropriate | | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | |
| **1** | Set the called line to divert calls on no answer, and set up the line to divert to a third line on the originating network | | | | | | | | | | | | | | | | | | | |
| **2** | Make the third line busy in speech (not ‘off hook’ as this may only ‘park’ the line) | | | | | | | | | | | | | | | | | | | |
| **3** | Make a call to the diverted line, confirm the call diverts to the third line after several rings | | | | | | | | | | | | | | | | | | | |
| **5** | Confirm that the CTI value in the diverting IFAM is set to a value of 1 (diverted call) and the LDLI (ACI interchange with ICC & IRC = 11) is correct | | | | | | | | | | | | | | | | | | | |
| **6** | Confirm that the call releases appropriately | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | | | Message Exceptions | | | | | Message Sequence*Diverted* | | | | | | | | |
| IFAM | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |  |  |  | | | |  | | |
|  | | **<** | | ACI | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  |  | | | |  | | |
| ACI | | **>** | |  | |  |  |  |  | | | |  | | |
|  | | **<** | | ACM | |  |  | | | | |  |  |  | | | |  | | |
|  | |  | |  | |  | Timer (Ring Tone to Caller) | | | | |  |  |  | | | |  | | |
|  | |  | |  | |  | Diversion Announcement (Optional) | | | | |  |  |  | | | |  | | |
|  | |  | |  | |  | All fields as per reference IAM/IFAM except CTI = 1 | | | | |  | IFAM | **>** | | | |  | | |
|  | |  | |  | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  | **<** | | | | ACI | | |
|  | |  | |  | |  |  | ACI | **>** | | | |  | | |
|  | |  | |  | |  | LDLI (ACI interchange with ICC/IRC = 11) | | | | |  |  | **<** | | | | ACI | | |
|  | |  | |  | |  |  | ACI | **>** | | | |  | | |
|  | |  | |  | |  | Reason 08 (Busy) | | | | |  |  | **<** | | | | CNA | | |
| In Band Busy Tone | | | | | | | | | | | | | | | | | | | | |
| REL | | **>** |  | | |  |  | |  | | |  |  | |  | |  | | | |
|  | |  |  | | |  |  | |  | | |  | REL | | **>** | |  | | | |
|  | |  |  | | |  |  | |  | | |  |  | | **<** | | REL | | | |
|  | | **<** | REL | | |  |  | |  | | |  |  | |  | |  | | | |
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|  | | **<** | CCTF | | |  |  | |  | | |  |  | |  | |  | | | |
| CCTF | | **>** |  | | |  |  | |  | | |  |  | |  | |  | | | |
|  | |  |  | | |  |  | |  | | |  | CCTF | | **>** | |  | | | |
| **Contd….** | | | | | | | | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| BT 211 Contd | | | Diversion on No Answer to Busy Line | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
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|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
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|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | Part | | | |
| BT 212 | | | | | Unconditional Diversion to Out Of Order Line | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | Direction | | | | | | | | |
| Originating | | | Terminating | | | | | Originating | | Terminating | BT🡪CP | | | | | | |  |  |
| DEL/Mob | | | DEL/Mob | | | | | NN Available | | Any | CP🡪BT | | | | | | |  |  |
| PN Available | | Tick As Appropriate | | | | | | | | |
| **1** | Set the called line to divert all calls to a third line on the originating network | | | | | | | | | | | | | | | | | | |
| **2** | Make a call to the diverted line, confirm the call immediately diverts to the third line | | | | | | | | | | | | | | | | | | |
| **3** | Confirm that the CTI value in the diverting IFAM is set to a value of 1 (diverted call) and the LDLI (ACI interchange with ICC & IRC = 11) is correct | | | | | | | | | | | | | | | | | | |
| **4** | Confirm that the call releases appropriately | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | | | Message Exceptions | | | | | Message Sequence*Diverted* | | | | | | | |
| IFAM | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |  |  |  | | |  | | |
|  | | **<** | | ACI | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  |  | | |  | | |
| ACI | | **>** | |  | |  |  |  |  | | |  | | |
|  | | **<** | | ACM | |  |  | | | | |  |  |  | | |  | | |
|  | |  | |  | |  | Diversion Announcement (Optional) | | | | |  |  |  | | |  | | |
|  | |  | |  | |  | All fields as per reference IAM/IFAM except CTI = 1 | | | | |  | IFAM | **>** | | |  | | |
|  | |  | |  | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  | **<** | | | ACI | | |
|  | |  | |  | |  |  | ACI | **>** | | |  | | |
|  | |  | |  | |  | LDLI (ACI interchange with ICC/IRC = 11) | | | | |  |  | **<** | | | ACI | | |
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| In Band Announcement / Tone | | | | | | | | | | | | | | | | | | | |
| REL | | **>** |  | | |  |  | |  | | |  |  | |  | |  | | |
|  | |  |  | | |  |  | |  | | |  | REL | | **>** | |  | | |
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| CCTF | | **>** |  | | |  |  | |  | | |  |  | |  | |  | | |
|  | |  |  | | |  |  | |  | | |  | CCTF | | **>** | |  | | |
| **Contd….** | | | | | | | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | | | Part | | |
| BT 212 Contd | | | Unconditional Diversion to Out Of Order Line | | | | | | | | | | | | | | | 1 of 1 | | |
| **Expected Results (Contd)** | | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | Message Exceptions | | | | | | | | | | | Message Sequence*Diverted* | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
|  |  | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | |  |  |  | | | | | | | | | | | | |
|  |  | | | |  |  |  | | | | | | | | | | | | |
|  | Completed After Correction | | | |  |  |  | Due to Problem With: | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | |  |  |  | | Waiver Reference | |  | | | | | | | |
|  |  | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | |  |  |  | Due to Problem With: | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | Part | | | |
| BT 213 | | | | | | Local Voicemail | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | | NTE Conditions | | | Direction | | | | | | | | | |
| Originating | | | | Terminating | | | | | Originating | | Terminating | BT🡪CP | | | | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | | NN Available | | Any | CP🡪BT | | | | | | | |  |  |
| PN Available | | Tick As Appropriate | | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | |
| **1** | Set the called line to divert all calls to the “local” voicemail service | | | | | | | | | | | | | | | | | | | | |
| **2** | Make a call to the diverted line | | | | | | | | | | | | | | | | | | | | |
| **3** | Confirm that the CTI value in the diverting IFAM is set to a value of 1 (diverted call) and the LDLI (ACI interchange with ICC & IRC = 11) is correct | | | | | | | | | | | | | | | | | | | | |
| **4** | Wait for the voicemail time out to occur & confirm that the call releases appropriately | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | | | | Message Exceptions | | | | | Message Sequence*Diverted* | | | | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |  |  | |  | | |  | | |
|  | | | **<** | | ACI | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  | |  | | |  | | |
| ACI | | | **>** | |  | |  |  |  | |  | | |  | | |
|  | | | **<** | | ACM | |  |  | | | | |  |  | |  | | |  | | |
|  | | |  | |  | |  | Diversion Announcement (Optional) | | | | |  |  | |  | | |  | | |
|  | | |  | |  | |  | All fields as per reference IAM/IFAM except CTI = 1 | | | | |  | IFAM | | **>** | | |  | | |
|  | | |  | |  | |  | LDLI (ACI interchange with ICC/IRC = 11) | | | | |  |  | | **<** | | | ACI | | |
|  | | | **<** | | ACI | |  |  |  | |  | | |  | | |
| ACI | | | **>** | |  | |  |  |  | |  | | |  | | |
|  | | |  | |  | |  |  | ACI | | **>** | | |  | | |
|  | | |  | |  | |  | CLI (ACI interchange with ICC/IRC = 1/12) | | | | |  |  | | **<** | | | ACI | | |
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| ACI | | | **>** | |  | |  |  |  | |  | | |  | | |
|  | | |  | |  | |  |  | ACI | | **>** | | |  | | |
|  | | |  | |  | |  | 2nd ACM suppressed | | | | |  |  | | **<** | | | ACM | | |
|  | | |  | |  | |  | All fields as per reference ANS | | | | |  |  | | **<** | | | ANS | | |
|  | | | **<** | | ANS | |  |  |  | |  | | |  | | |
| Conversation | | | | | | | | | | | | | | | | | | | | | |
|  | |  | |  | | |  | Timer | | | | |  | |  | |  | |  | | |
|  | |  | |  | | |  |  | |  | | |  | |  | | **<** | | REL | | |
|  | | **<** | | REL | | |  |  | |  | | |  | |  | |  | |  | | |
| REL | | **>** | |  | | |  |  | |  | | |  | |  | |  | |  | | |
|  | |  | |  | | |  |  | |  | | |  | | REL | | **>** | |  | | |
| **Contd….** | | | | | | | | | | | | | | | | | | | | | |

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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 213 Contd | | | | | Local Voicemail | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| **Expected Results (Contd)** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | | | Message Exceptions | | | | | | | | | | | | Message Sequence*Diverted* | | | | | | | | |
| CCTF | | **>** | |  | |  |  | | | | | | |  | | | | |  | |  |  | | | |  | |
|  | |  | |  | |  |  | | | | | | |  | | | | |  | | CCTF | **>** | | | |  | |
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|  | | **<** | | CCTF | |  |  | | | | | | |  | | | | |  | |  |  | | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | | | | |
|  | Completed | | | | | | |  |  |  | | | | | | | | | | | | | | | | |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP | | |  | |  | | Details Below |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | | | | |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | | | | |
|  | Not Completed | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP | | |  | |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 214 | | | | | | Out Of Coverage, No Diversion | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL | | | | Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Simulate the mobile going out of range | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm suitable backward call release | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
| Announcement | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 215 | | | | | | Post Dial Delay to Switched Off Mobile | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL | | | | Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Attempt call set-up to a switched off mobile | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm suitable announcement after moderate duration | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm suitable call release | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
| Announcement | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
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|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part | | |
| BT 216 | | | Caller Identity Treatment & MF Tones | | | | 1 of 1 | | |
| NTE Type | | | | NTE Conditions | | Direction | | | |
| Originating | | Terminating | | Originating | Terminating | BT🡪CP | |  |  |
| DEL/Mob | | DEL/Mob | | NN Available | Any | CP🡪BT | |  |  |
| PN Available | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | |
| **MF Tones** | | | | | | | | | |
| **0** | Make and answer a call and confirm the MF tones (key 0 to 9, #, \*) sent by the calling telephone are audible at the called telephone | | | | | | | | |
| **Caller Identity is NOT supported by Originating CP** | | | | | | | | | |
| **1** | Make a call and confirm that the CBI (Cross Border Indicator) message indicator in the IFAM is set to “0” indicating that the Caller Identity service not supported | | | | | | | | |
| **2** | On a normal call this should prevent generation of an ACI request by the terminating switch to obtain the CLI (Calling Line Identity). However, if an ACI request is initiated, confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) (parameter D in the CLI message indicator field), set to a "1" meaning line identity may not be released. | | | | | | | | |
| **3** | Confirm that where the terminating line has a display facility that the calling number is shown as “Unavailable” | | | | | | | | |
| **Caller Identity is supported by Originating CP** | | | | | | | | | |
| **1** | Make a call from a line set to release the caller’s CLI and confirm that the CBI message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported. | | | | | | | | |
| **2** | Confirm that where the terminating line has a Caller Display facility that the calling number is shown | | | | | | | | |
| **3** | If supported by the terminating CP, use the call return facility by dialling the appropriate service code to receive an announcement providing the caller’s identity. | | | | | | | | |
| **4** | Clear the call | | | | | | | | |
| **5** | Repeat the above procedure but precede the destination number with 141 (or the CP’s equivalent) to withhold the CLI | | | | | | | | |
| **6** | Confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) - set to a value of “1”, indicating that the calling line identity may not be released CLI | | | | | | | | |
| **7** | Confirm that the destination line display shows “Withheld” | | | | | | | | |
| **8** | Clear the call | | | | | | | | |
| **Contd….** | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | | |
| BT 216 Contd | | | | Caller Identity Treatment & MF Tones | | | | | | | | | | | | | | | | 1 of 1 | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | |
| **Caller Identity is NOT supported by Originating CP** | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | |
| IFAM | | | **>** | |  | | |  | | CBI = 0 | | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
| **Caller Identity is supported by Originating CP** | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | |
| IFAM | | | **>** | |  | | |  | | CBI = 1 | | | | | | | | | | | | |
|  | | | **<** | | ACI | | |  | | Type 7, IRC 1 (CLI) | | | | | | | | | | | | |
| ACI | | | **>** | |  | | |  | | Type 1, ICC 1 (CLI) IQ = 1 (Withheld) IQ = 0 (Displayable) | | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | | |
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|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 217 | | | | | | Presentation Number | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a call from a line with a presentation number provided | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | On the receiving line display equipment confirm presentation number displayed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Clear the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Repeat but withhold the caller identity and confirm that no caller identification is displayed | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM PNI = 1 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI IRC/ICC=12 | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part | | |
| BT 218 | | | | Ring Back When Free | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP | |  |  |
| DEL/Mob | | DEL/Mob | | | | NN Available | | | Any | CP🡪BT | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make the destination line busy (1st call) | | | | | | | | | | | | |
| **2** | Call the destination number (2nd call) | | | | | | | | | | | | |
| **3** | When busy signal is heard, key the appropriate number to start the ring back process | | | | | | | | | | | | |
| **4** | Clear the 2nd call, then clear the 1st call | | | | | | | | | | | | |
| **5** | When the alerting tone is given to the requesting number, pick up and confirm that ringing tone is heard and the destination line starts to ring | | | | | | | | | | | | |
| **6** | Now answer the destination line and confirm bothway speech is available | | | | | | | | | | | | |
| **7** | Forward release the call | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| **Initial Call** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | | | **<** | | ACI | |  | CLI | | | | | |
| ACI | | |  | |  | |  |
|  | | | **<** | | CNA / SEM | |  | Reason 08 (Busy) | | | | | |
|  | | |  | |  | |  | Caller instigates ring back when free | | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |
| **Invoking the Service** | | | | | | | | | | | | | |
| IFAM | | | **>** | |  | |  | SHP = 3, CPI = 1 | | | | | |
|  | | | **<** | | ACI | |  | Type 8 NIN = 1 | | | | | |
| NEED | | | **>** | |  | |  | (ISRM OLI, CBWF Request) | | | | | |
|  | | | **<** | | NEED | |  | (CIM: ACK, TLI, Destination Busy) | | | | | |
|  | | | **<** | | CNA | |  | Reason 48 (Subscriber Call Termination) | | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| BT 218 Contd | | | | Ring Back When Free | | | | | | | | | | | | | | | | 1 of 1 | |
| **Expected Results Contd** | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | |  | | Message Exceptions | | | | | | | | | | | |
| **Called Customer Clears** | | | | | | | | | | | | | | | | | | | | | |
|  | | | **<** | | IFAM | | |  | | SHP = 3, CPI = 1 | | | | | | | | | | | |
| ACI | | | **>** | |  | | |  | | Type 8 NIN = 1 | | | | | | | | | | | |
|  | | | **<** | | NEED | | |  | | (ISRM, OLI, CBWF Free Notification) | | | | | | | | | | | |
| NEED | | | **>** | |  | | |  | | (CIM: ACK) | | | | | | | | | | | |
| CNA | | | **>** | |  | | |  | | Reason 48 (Subscriber Call Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCYF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| IFAM | | | **>** | |  | | |  | | SHP = 3, CPI = 1 | | | | | | | | | | | |
|  | | | **<** | | ACI | | |  | | Type 8 NIN = 1 | | | | | | | | | | | |
| NEED | | | **>** | |  | | |  | | (ISRM OLI, CBWF Set up) | | | | | | | | | | | |
|  | | | **<** | | NEED | | |  | | (NAM: TLI) | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
| **Calling Customer Answers** | | | | | | | | | | | | | | | | | | | | | |
| Ring Tone | | | | | | | |  | |  | | | | | | | | | | | |
| NEED | | | **>** | |  | | |  | | (EEM: Ring out) | | | | | | | | | | | |
|  | | | **<** | | NEED | | |  | | (EEM: Call back complete) | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | |  | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Subscriber Call Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
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|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
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|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
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|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 219 | | | | | | Customer On Hold | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL/Mob | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a call with both way conversation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Put the calling & then the called lines on hold | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm no signalling messages are sent and that any tones or announcements heard are in-band only | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Release the holds and forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5** | | Confirm that all speech circuits release appropriately | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 220 | | | | | | Anonymous / Chosen Call Reject | | | | | | | | | | | | | | | | | | | 1 of 2 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL | | | | NN Withheld | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Withheld | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Enable the destination line with anonymous call reject where provided | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Make a call to the destination number, but withhold the caller identity | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call is rejected and that an appropriate announcement is played | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
| Announcement | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
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|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 220 | | | | | | Anonymous / Chosen Call Reject | | | | | | | | | | | | | | | | | | | 2 of 2 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| DEL/Mob | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Enable the destination line with chosen call reject where provided | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Add the calling line identity to the list of barred numbers | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Make a call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that the call is rejected and that an appropriate announcement is played | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
| Announcement | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| BT 221 | | | | | | Partial Calling Line Identity | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP | | | | |  |  |
| System CPE | | | | DEL/Mob | | | | NN Not Available | | | | | | | | | Any | | | | | CP🡪BT | | | | |  |  |
| PCLI Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Instigate a speech call from a system CPE or similar | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that a Partial/Default CLI is present in the ACI message and that it is restricted for display purposes | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | Correct Partial or Default CLI as allocated by Ofcom | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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**2.3 Test Procedure & Results Sheets (Contd)**

2.3.2 Directory Enquiries

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | Test Description | | | | | | | | Part | | |
| DQ 281 | | | | | Successful Call | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | NTE Conditions | | | | | Direction | | | |
| Originating | | | Terminating | | | | Originating | | | | Terminating | BT🡪Operator | |  |  |
| DEL/Mob | | | CHC | | | | NN Available | | | | Usual | Operator🡪BT | |  |  |
| PN Available | | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | | | |
| **1** | | Make a speech call to the appropriate 118XXX number | | | | | | | | | | | | | |
| **2** | | If a NID is suffixed, confirm that it is of the correct content & format | | | | | | | | | | | | | |
| **3** | | Confirm with the assistant that appropriate information is displayed for the type of service | | | | | | | | | | | | | |
| **4** | | Ask the assistant to confirm that the NN And PN are displayed | | | | | | | | | | | | | |
| **5** | | Ask the assistant to release the call and confirm that the release sequence is acceptable | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | Message Exceptions | | | | | | | |
|  | Calling Party | | | | Called Party | | |
| IFAM | | | | **>** | |  | | |  | All Fields As Per Reference IFAM | | | | | |
|  | 118XXX + Optional YYYZZ (YYY Orig Network & ZZ=?) | | | | | |
|  | Network Number = Available | | | | | |
|  | Presentation Number = Available | | | | | |
|  | | | | **<** | | ACI | | |  | CLI Request | | | | | |
| ACI | | | | **>** | |  | | |  |
|  | | | | **<** | | ACI | | |  | Request for Subscribers Basic Service Marks (Optional) | | | | | |
| ACI | | | | **>** | |  | | |  |
|  | | | | **<** | | ACI | | |  | Request for Subscribers Facility Marks (Optional) | | | | | |
| ACI | | | | **>** | |  | | |  |
|  | | | | **<** | | ACM | | |  | All Fields As Per Reference ACM | | | | | |
|  | | | | **<** | | ANS | | |  | All Fields as per reference ANS, TOA =1 (Charge) | | | | | |
| Communication | | | | | | | | |  |  | | | | | |
|  | | | | **<** | | CLEAR | | |  | Depending On Network Set-Up | | | | | |
|  | | | | **<** | | REL | | |  |  | | | | | |
| REL | | | | **>** | |  | | |  |  | | | | | |
|  | | | | **<** | | CCTF | | |  |  | | | | | |
| CCTF | | | | **>** | |  | | |  |  | | | | | |
| **Contd…** | | | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| DQ 281 Contd | | | Successful Call | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | | Test Description | | | | | | | | | | | | | | | | | | | | | Part | | | | |
| DQ 282 | | | | | | | Service Busy / Unavailable | | | | | | | | | | | | | | | | | | | | | 1 of 2 | | | | |
| NTE Type | | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | | | | |
| Originating | | | | | Terminating | | | | Originating | | | | | | | | | | Terminating | | | | | BT🡪Operator | | | | | | |  |  |
| DEL/Mob | | | | | CHC | | | | NN Available | | | | | | | | | | Usual | | | | | Operator🡪BT | | | | | | |  |  |
| PN Available | | | | | | | | | | Tick As Appropriate | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | | Make the CHC service busy | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | | Make a speech call to the appropriate 118XXX number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | | Confirm that the release sequence is acceptable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | | Message Exceptions | | | | | | | | | | | | | | | | | | | | | |
|  | Calling Party | | | | | | Called Party | | | |
| IFAM | | | | | | **>** | |  | | | |  | | | All Fields As Per Reference IFAM | | | | | | | | | | | | | | | | | |
|  | | | 118XXX + Optional YYYZZ (YYY Orig Network & ZZ=?) | | | | | | | | | | | | | | | | | |
|  | | | Network Number = Available | | | | | | | | | | | | | | | | | |
|  | | | Presentation Number = Available | | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | ACI | | | |  | | | CLI Request | | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACI | | | |  | | | Request for Subscribers Basic Service Marks (Optional) | | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACI | | | |  | | | Request for Subscribers Facility Marks (Optional) | | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACM | | | |  | | | All Fields As Per Reference ACM | | | | | | | | | | | Or **<** SEM | | | | | | |
|  | | | | | | **<** | | CNA / REL | | | |  | | | Reason 8 (Busy) | | | | | | | | | | |
| REL | | | | | | **>** | |  | | | |  | | | If Speech Path Seized On ACM | | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | CCTF | | | |  | | |
| CCTF | | | | | | **>** | |  | | | |  | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | | | | |  | | |  | Tick As Appropriate | |  | | | | | | | | | | | | | | | | |
|  | | Completed | | | | | | | |  | | |  |  | | | | | | | | | | | | | | | | |
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|  | | Completed After Correction | | | | | | | |  | | |  |  | Due to Problem With: | | | BT | |  |  | | Operator | |  | |  | Details Below | | |
|  | |  | | | | | | | |  | | |  |  | | | | | | | | | | | | | |
|  | | Completed With Waiver | | | | | | | |  | | |  |  | | Waiver Reference | | |  | | | | | | | | |
|  | |  | | | | | | | |  | | |  |  | | | | | | | | | | | | | |
|  | | Not Completed | | | | | | | |  | | |  |  | Due to Problem With: | | | BT | |  |  | | Operator | |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | | Test Description | | | | | | | | | | | | | | | | | | | | | Part | | | | |
| DQ 282 Contd | | | | | | | Service Busy / Unavailable | | | | | | | | | | | | | | | | | | | | | 2 of 2 | | | | |
| NTE Type | | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | | | | |
| Originating | | | | | Terminating | | | | Originating | | | | | | | | | | Terminating | | | | | BT🡪Operator | | | | | | |  |  |
| DEL/Mob | | | | | CHC | | | | NN Available | | | | | | | | | | Usual | | | | | Operator🡪BT | | | | | | |  |  |
| PN Available | | | | | | | | | | Tick As Appropriate | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | | Make the CHC service unavailable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | | Make a speech call to the appropriate 118XXX number | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | | Confirm that the release sequence is acceptable | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | | Message Exceptions | | | | | | | | | | | | | | | | | | | | | |
|  | Calling Party | | | | | | Called Party | | | |
| IFAM | | | | | | **>** | |  | | | |  | | | All Fields As Per Reference IFAM | | | | | | | | | | | | | | | | | |
|  | | | 118XXX + Optional YYYZZ (YYY Orig Network & ZZ=?) | | | | | | | | | | | | | | | | | |
|  | | | Network Number = Available | | | | | | | | | | | | | | | | | |
|  | | | Presentation Number = Available | | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | ACI | | | |  | | | CLI Request | | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACI | | | |  | | | Request for Subscribers Basic Service Marks (Optional) | | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACI | | | |  | | | Request for Subscribers Facility Marks (Optional) | | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACM | | | |  | | | All Fields As Per Reference ACM | | | | | | | | | | | Or **<** SOO | | | | | | |
|  | | | | | | **<** | | CNA / REL | | | |  | | | Reason 9 (Out Of Order) or 33 (TOOS) | | | | | | | | | | |
| REL | | | | | | **>** | |  | | | |  | | | If Speech Path Seized On ACM | | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | CCTF | | | |  | | |
| CCTF | | | | | | **>** | |  | | | |  | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | |  | | | | | | | |  | | |  | Tick As Appropriate | |  | | | | | | | | | | | | | | | | |
|  | | Completed | | | | | | | |  | | |  |  | | | | | | | | | | | | | | | | |
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|  | | Completed After Correction | | | | | | | |  | | |  |  | Due to Problem With: | | | BT | |  |  | | Operator | |  | |  | Details Below | | |
|  | |  | | | | | | | |  | | |  |  | | | | | | | | | | | | | |
|  | | Completed With Waiver | | | | | | | |  | | |  |  | | Waiver Reference | | |  | | | | | | | | |
|  | |  | | | | | | | |  | | |  |  | | | | | | | | | | | | | |
|  | | Not Completed | | | | | | | |  | | |  |  | Due to Problem With: | | | BT | |  |  | | Operator | |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | | Test Description | | | | | | | | | | | | | | | | | | | | Part | | | | |
| DQ 283 | | | | | | | Service Unavailable Answer Time Out | | | | | | | | | | | | | | | | | | | | 1 of 1 | | | | |
| NTE Type | | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | | | |
| Originating | | | | | Terminating | | | | Originating | | | | | | | | | | Terminating | | | | | BT🡪Operator | | | | | |  |  |
| DEL/Mob | | | | | CHC | | | | NN Available | | | | | | | | | | Usual | | | | | Operator🡪BT | | | | | |  |  |
| PN Available | | | | | | | | | | Tick As Appropriate | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | | Make a speech call to the appropriate 118XXX number | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | | Ensure that the CHC assistants do no not answer the call | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | | Confirm that the release sequence is acceptable | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | | Message Exceptions | | | | | | | | | | | | | | | | | | | | |
|  | Calling Party | | | | | | Called Party | | | |
| IFAM | | | | | | **>** | |  | | | |  | | | All Fields As Per Reference IFAM | | | | | | | | | | | | | | | | |
|  | | | 118XXX + Optional YYYZZ (YYY Orig Network & ZZ=?) | | | | | | | | | | | | | | | | |
|  | | | Network Number = Available | | | | | | | | | | | | | | | | |
|  | | | Presentation Number = Available | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | ACI | | | |  | | | CLI Request | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACI | | | |  | | | Request for Subscribers Basic Service Marks (Optional) | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACI | | | |  | | | Request for Subscribers Facility Marks (Optional) | | | | | | | | | | | | | | | | |
| ACI | | | | | | **>** | |  | | | |  | | |
|  | | | | | | **<** | | ACM | | | |  | | | All Fields As Per Reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | REL | | | |  | | | Reason 31 (No Reply) | | | | | | | | | | | | | | | | |
| REL | | | | | | **>** | |  | | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | | | | |
|  | | | | | | **<** | | CCTF | | | |  | | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | | **>** | |  | | | |  | | |  | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | |  | | | | | | | |  | | |  | Tick As Appropriate | |  | | | | | | | | | | | | | | | |
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|  | | Completed After Correction | | | | | | | |  | | |  |  | Due to Problem With: | | | BT | |  |  | | Operator |  | |  | Details Below | | |
|  | |  | | | | | | | |  | | |  |  | | | | | | | | | | | | |
|  | | Completed With Waiver | | | | | | | |  | | |  |  | | Waiver Reference | | |  | | | | | | | |
|  | |  | | | | | | | |  | | |  |  | | | | | | | | | | | | |
|  | | Not Completed | | | | | | | |  | | |  |  | Due to Problem With: | | | BT | |  |  | | Operator |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | Part | | |
| DQ 284 | | | | | Extended Call | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | NTE Conditions | | | | | Direction | | | |
| Originating | | | Terminating | | | | Originating | | | | Terminating | BT🡪Operator | |  |  |
| DEL/Mob | | | CHC | | | | NN Available | | | | Usual | Operator🡪BT | |  |  |
| PN Available | | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | | | |
| **1** | | Make a speech call to the appropriate 118XXX number | | | | | | | | | | | | | |
| **2** | | Confirm with the assistant that appropriate information is displayed for the type of service | | | | | | | | | | | | | |
| **3** | | Ask the assistant to extend the call to an appropriate number | | | | | | | | | | | | | |
| **4** | | Confirm that ringing is heard at a suitable level | | | | | | | | | | | | | |
| **4** | | Answer the call and confirm that speech levels are acceptable | | | | | | | | | | | | | |
| **5** | | Release the call from the called number and confirm the release sequence is acceptable | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | Message Exceptions | | | | | | | |
|  | Calling Party | | | | Called Party | | |
| IFAM | | | | **>** | |  | | |  | All Fields As Per Reference IFAM | | | | | |
|  | 118XXX + Optional YYYZZ (YYY Orig Network & ZZ=?) | | | | | |
|  | Network Number = Available | | | | | |
|  | Presentation Number = Available | | | | | |
|  | | | | **<** | | ACI | | |  | CLI Request | | | | | |
| ACI | | | | **>** | |  | | |  |
|  | | | | **<** | | ACI | | |  | Request for Subscribers Basic Service Marks (Optional) | | | | | |
| ACI | | | | **>** | |  | | |  |
|  | | | | **<** | | ACI | | |  | Request for Subscribers Facility Marks (Optional) | | | | | |
| ACI | | | | **>** | |  | | |  |
|  | | | | **<** | | ACM | | |  | All Fields As Per Reference ACM | | | | | |
|  | | | | **<** | | ANS | | |  | All Fields as per reference ANS, TOA=1 (Charge) | | | | | |
| Communication | | | | | | | | |  | Speech | | | | | |
| Communication | | | | | | | | |  | Ringing Tone for Call Extension | | | | | |
| Communication | | | | | | | | |  | Speech | | | | | |
|  | | | | **<** | | CLEAR | | |  | Depending On Network Set-Up | | | | | |
|  | | | | **<** | | REL | | |  |  | | | | | |
| REL | | | | **>** | |  | | |  |  | | | | | |
|  | | | | **<** | | CCTF | | |  |  | | | | | |
| CCTF | | | | **>** | |  | | |  |  | | | | | |
| **Contd…** | | | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| DQ 284 Contd | | | Extended Call | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets (Contd)**

2.3.3 BT Emergency Service

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | | Part | | |
| ES 291 | | | | | | II Digits & Page Information | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | CP🡪BT | | | | | |
| DEL | | | | CHC | | | | **NN Withheld** | | | | | | | | | Any | | | | | |
| PN Available | | | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 999 call from the CPs test phone with CLI withheld | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the destination number in the IFAM contains the 999 followed by the correct II digits | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | When the call centre assistant answers, confirm that information relating to the II digits and full line identity/location is displayed | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Ask the assistant to clear the call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All Fields as Per **ES** IFAM | | | | | | | | | | | | | | | | |
|  | | |  | | Destination Digits = 999+II | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | Type 7 (IRC=5) | | | | | | Basic Service Marks / CLI | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | Type 3 (ICC=5) | | | | | |
|  | | | | | **<** | | ACM | | |  | | All Fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All Fields as per reference ANS | | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | Completed | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  | |  | |  | | Waiver Reference | | | |  | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | **Test Description** | | | | | | | | Part |
| ES 292 | | | | Last Party Release | | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | CP🡪BT | |
| DEL | | CHC | | | | NN Available | | | Any | |
| PN Available | | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | Make a speech call by dialling 999 | | | | | | | | | | | |
| **2** | When the CHC assistant answers tell them that you will attempt to release and re-answer the call. | | | | | | | | | | | |
| **3** | Clear the call | | | | | | | | | | | |
| **4** | Confirm that data settings in the originating party’s network prevent the call from releasing | | | | | | | | | | | |
| **5** | Re-answer the call | | | | | | | | | | | |
| **6** | Ask the assistant to release the call | | | | | | | | | | | |
| **7** | Confirm that the call releases normally | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | |
| IFAM | | | **>** | |  | |  | All Fields as per reference IAM/IFAM | | | | |
|  | |  | Destination Digits = 999+II | | | | |
|  | |  | Protection Indicator = 1 | | | | |
|  | | | **<** | | ACI | |  | Type 7 (IRC=5) | | Basic Service Marks / CLI | | |
| ACI | | | **>** | |  | |  | Type 3 (ICC=5) | |
|  | | | **<** | | ACM | |  | All Fields as per reference ACM | | | | |
|  | | | **<** | | ANS | |  | All Fields as per reference ANS | | | | |
| In-Band Communication | | | | | | |  |  | | | | |
| CLR | | | **>** | |  | |  |  | | | | |
| RAN | | | **>** | |  | |  |  | | | | |
| In-Band Communication | | | | | | |  |  | | | | |
|  | | | **<** | | REL | |  |  | | | | |
| REL | | | **>** | |  | |  |  | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |
| Contd… | | | | | | | | | | | | |

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| Test Number | | | **Test Description** | | | | | | | | | | | | Part | | |
| ES 292 Contd | | | Last Party Release | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
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|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
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|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
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|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | | | | | | | | | Part | | |
| ES 293 | | | | | Alternative Routing | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | CP🡪BT | | | | | |
| DEL/Mob | | | | CHC | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure / Expected Results** | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Establish whether the CP has alternative routes available to the BT 999 Service from the switch under test (even if there are no alternative routes from the CP switch to the BT 999 Service, the test must still be conducted to ensure that the call treatment their customers will receive is appropriate) | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Arrange with the CP representative to out of service the 999 route being tested after ensuring that it is **not** carrying live traffic | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Attempt to set up a 999 call from the CP test phone | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that either   * 1. the call was successful via an alternative route and that the correct information is passed to the BT 999 Emergency CP   2. The call fails to an appropriate announcement (tones are not acceptable in this case) | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | | Part | | |
| ES 294 | | | | | | 112 Call Handling | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | CP🡪BT | | | | | |
| DEL/Mob | | | | CHC | | | | NN Available | | | | | | | | | Any | | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 112 call from the CPs test phone | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the destination number in the IFAM contains the 999 followed by the correct II digits (and if the call is from a mobile CP confirm that the correct zone code is also appended) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Ask the assistant to clear the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All Fields as per reference **ES** IFAM | | | | | | | | | | | | | | | | |
|  | | |  | | Destination Digits = **999**+II | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | Type 7 (IRC=5) | | | | | | Basic Service Marks / CLI | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | Type 3 (ICC=5) | | | | | |
|  | | | | | **<** | | ACM | | |  | | All Fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All Fields as per reference ANS | | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | Completed | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  | Details Below |
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|  | Completed With Waiver | | | | | | | |  | |  | |  | | Waiver Reference | | | |  | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | | Part | | |
| ES 295 | | | | | | Permanent OCB Indicator | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | CP🡪BT | | | | | |
| DEL | | | | CHC | | | | NN Available | | | | | | | | | Any | | | | | |
| PN Available | | | | | | | | |
| **1** | | Set the line so that outgoing calls are barred | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Make a speech call by dialling 999 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | When the assistant answers confirm that the call is marked as ‘outgoing calls barred’ | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Ask the assistant to release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All Fields as per reference **ES** IFAM, except OCB indicator set | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | Type 7 (IRC=5) | | | | | | Basic Service Marks / CLI | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | Type 3 (ICC=5) | | | | | |
|  | | | | | **<** | | ACM | | |  | | All Fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All Fields as per reference ANS | | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  | |  | |  | | Waiver Reference | | | |  | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | | Part | | |
| ES 296 | | | | | | II Digits, Zone Code & Page Information | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | CP🡪BT | | | | | |
| Mob | | | | CHC | | | | **NN Withheld** | | | | | | | | | Any | | | | | |
| PN Available | | | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 999 call from the CPs mobile phone with CLI withheld | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the destination number in the IFAM contains the 999 followed by the correct II digits and zone code | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | When the call centre assistant answers, confirm that information relating to the II digits and full line identity/location is displayed | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Ask the assistant to clear the call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All Fields as Per **ES** IFAM | | | | | | | | | | | | | | | | |
|  | | |  | | Destination Digits = 999+II+Zone | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | Type 7 (IRC=5) | | | | | | Basic Service Marks / CLI | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | Type 3 (ICC=5) | | | | | |
|  | | | | | **<** | | ACM | | |  | | All Fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All Fields as per reference ANS | | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  | |  | | Tick As Appropriate |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  | |  | |  | | Waiver Reference | | | |  | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | | CP |  | |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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**2.3 Test Procedure & Results Sheets (Contd)**

2.3.4 BT Operator Services

Commences on next page.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | **Test Description** | | | | | | | | Part |
| OS 271 | | | | Call Handling to BT National Operator (100) | | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | CP🡪BT | |
| DEL/Mob | | CHC | | | | NN Available | | | Any | |
| PN Available | | |
| Test Procedure | | | | | | | | | | | | | |
| **1** | Make a 100 call from the CPs test phone | | | | | | | | | | | | |
| **2** | Confirm that the destination number in the IFAM contains 100 followed by the correct II digits (and if the call is from a mobile CP confirm that the correct zone code is also appended) | | | | | | | | | | | | |
| **3** | When the BT call centre assistant answers, confirm that the CPs information and full calling line identity are available | | | | | | | | | | | | |
| **4** | Attempt to clear the call from the calling phone, if this is not possible re-answer and confirm that conversation is still possible, then have the call released by the assistant | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |
|  | |  | Destination digits = 999+II+Zone | | | | |
|  | | | **<** | | ACI | |  | Type 7 (IRC=5) | | Basic Service Marks / CLI | | |
| ACI | | | **>** | |  | |  | Type 3 (ICC=5) | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | | |
| In-Band Communication | | | | | | |  |  | | | | |
| Then either | | | | | | |  |  | | | | |
| CLR | | | **>** | |  | |  |  | | | | |
| RAN | | | **>** | |  | |  |  | | | | |
| In-Band Communication | | | | | | |  |  | | | | |
|  | | | **<** | | REL | |  |  | | | | |
| REL | | | **>** | |  | |  |  | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |
| or | | | | | | |  |  | | | | |
| REL | | | **>** | |  | |  |  | | | | |
|  | | | **<** | | REL | |  |  | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
| Contd… | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | **Test Description** | | | | | | | | | | | | Part | | |
| OS 271 Contd | | | Call Handling to BT National Operator (100) | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | | Part | | |
| OS 272 | | | | | | Call Handling to BT International Operator (155) | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | | CP🡪BT | | | | |
| DEL/Mob | | | | CHC | | | | NN Available | | | | | | | | | Any | | | | | | |
| PN Available | | | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 155 call from the CPs test phone | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the destination number in the IFAM contains 155 followed by the correct II digits | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | When the BT call centre assistant answers, confirm that the CPs information is available | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Release the call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | |  | | Destination digits = 155+II | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | Type 7 (IRC=1) | | | | | | CLI | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | Type 3 (ICC=1) | | | | | |
|  | | | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  | |  | | Tick As Appropriate |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | CP | |  | |  | Details Below |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  | |  | |  | | Waiver Reference | | | |  | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | CP | |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | | Part | | |
| OS 273 | | | | | | Call Handling to BT Blind / Disabled Operator (195) | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | | CP🡪BT | | | | |
| DEL/Mob | | | | CHC | | | | NN Available | | | | | | | | | Any | | | | | | |
| PN Available | | | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 195 call from the CPs test phone | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the destination number in the IFAM contains 195 followed by the correct II digits | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | When the BT call centre assistant answers, confirm that the CPs information is available | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Release the call | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | |  | | Destination digits = 195+II | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | Type 7 (IRC=1) | | | | | | CLI | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | Type 3 (ICC=1) | | | | | |
|  | | | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | | | |  | |  | | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | |  | | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  | |  | | Tick As Appropriate |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | CP | |  | |  | Details Below |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  | |  | |  | | Waiver Reference | | | |  | | | | | | | |
|  |  | | | | | | | |  | |  | |  | | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  | |  | |  | Due to Problem With: | | | | BT | |  |  | CP | |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets (Contd)**

2.3.5 Number Translation Service

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | Part | | |
| NTS 401 | | | | Malicious Call Intercept | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | DEL | | | | NN Withheld | | | Any | CP🡪BT🡪CP | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call via the CPs NTS service, with the calling line identity withheld and where the ‘deliver to’ line has an MCI protocol enabled | | | | | | | | | | | | |
| **2** | Answer | | | | | | | | | | | | |
| **3** | Invoke MCI on the ‘deliver to’ phone | | | | | | | | | | | | |
| **4** | Attempt to forward release the call | | | | | | | | | | | | |
| **5** | Clear the call from the called party | | | | | | | | | | | | |
| **6** | Confirm that a print out is available containing a network number | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | |  | Network Number = Available | | | | | |
|  | |  | Presentation Number = Available | | | | | |
|  | | | **<** | | ACI | |  | CLI Request | | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | MCI Protocol | | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | | | |
| Communication | | | | | | |  |  | | | | | |
|  | | | | | | |  | Invoke MCI | | | | | |
| Communication | | | | | | |  |  | | | | | |
| CLR | | | **>** | |  | |  | Attempted Clear | | | | | |
| Communication | | | | | | |  |  | | | | | |
|  | | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
| **Contd….** | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| NTS 401 Contd | | | Malicious Call Intercept | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| NTS 403 | | | | | | Successful Call & Charge Indicator Check | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |  |  |
| DEL | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT🡪CP | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs “Free to Caller” NTS service where provided | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm charging indicator indicates chargeable call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **5** | | Repeat for the CPs “Chargeable to Caller” NTS service where provided | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For CLI Validation (a further ACI interchange may take place for display purposes) | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | TOA = 1 (Charge) | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| NTS 404 | | | | | | 3.1 kHz Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |  |  |
| ISDN | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT🡪CP | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 3.1kHz call via the CPs NTS service | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer & confirm speech quality is satisfactory | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For CLI Validation (a further ACI interchange may take place for Display purposes) | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| NTS 405 | | | | | | CAT1 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |  |  |
| ISDN | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT🡪CP | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a data call via the CPs NTS service | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer (Auto Answer) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI Request | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SIM A | | | |  | | Type 7 | | | | | | | | | | | | | | | |
| SIM B | | | | | **>** | |  | | | |  | | Type 2 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | SIM C | | | |  | | Type 8 | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| Communication | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| NTS 406 | | | | | | CAT2 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |  |  |
| ISDN | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT🡪CP | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs NTS service | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer & confirm speech quality is satisfactory | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For CLI Validation (a further ACI interchange may take place for Display purposes) | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below | | |
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|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| NTS 407 | | | | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |  |  |
| DEL | | | | DEL | | | | NN Available  PN Available | | | | | | | | | Any | | | | | CP🡪BT🡪CP | | | | |  |  |
| Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs NTS service, omitting last digit of called party number | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call releases appropriately | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For CLI Validation (a further ACI interchange may take place for Display purposes) | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SADs/SNDs | | | |  | |  | | | | | | | | | | | | | | | |
| FAM/SAMs | | | | | **>** | |  | | | |  | | Final Digit(s) may be sent in an FAM in which case the following will not apply | | | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA / REL | | | |  | | Reason 01 (Address Incomplete) | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below | | |
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|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part | | |
| NTS 408 | | | | Called Subscriber Hold Time Out | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | DEL | | | | NN Available | | | Any | CP🡪BT🡪CP | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **1** | Make a speech call via the CPs NTS service | | | | | | | | | | | | |
| **2** | Answer | | | | | | | | | | | | |
| **3** | Hang up from the ‘connected to’ line | | | | | | | | | | | | |
| **4** | After a few seconds re-answer the call and confirm conversation is still possible | | | | | | | | | | | | |
| **5** | Depress & immediately release the switch hooks on the ‘connected to’ line | | | | | | | | | | | | |
| **6** | Confirm conversation is still possible | | | | | | | | | | | | |
| **7** | Hang up from the ‘connected to’ line | | | | | | | | | | | | |
| **8** | Confirm that the call releases after a suitable interval | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | | | **<** | | ACI | |  | For CLI Validation (a further ACI interchange may take place for Display purposes) | | | | | |
| ACI | | | **>** | |  | |
|  | | | **<** | | ACM | |  |  | | | | | |
|  | | | **<** | | ANS | |  |  | | | | | |
| Speech | | | | | | |  |  | | | | | |
|  | | | **<** | | CLR | |  | Hang Up | | | | | |
|  | | | **<** | | RAN | |  |  | | | | | |
| Speech | | | | | | |  |  | | | | | |
|  | | | **<** | | CLR | |  | Hook Flash | | | | | |
| Speech | | | | | | |  |  | | | | | |
|  | | | **<** | | CLR | |  | Hang Up | | | | | |
|  | | |  | |  | |  | Timer - Typically 2 minutes, may be much shorter on ‘Free to Caller’. Consult Service Description if Necessary. | | | | | |
| Either | | | | | | |  |  | | | | | |
| REL | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | REL | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
| Or | | | | | | |  |  | | | | | |
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| REL | | | **>** | |  | |  |  | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |  | | | | | |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| NTS 408 Contd | | | Called Subscriber Hold Time Out | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
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|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | Details Below |
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|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | | |
| NTS 409 | | | | | | Called Subscriber Answer Time Out | | | | | | | | | | | | | | | | | | | 1 of 1 | | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |  |  |
| DEL | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | | CP🡪BT🡪CP | | | | |  |  |
| PN Available | | | | | | | | | Tick As Appropriate | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs NTS service | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Do not answer | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Wait for the called party answer timer to mature | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that the call clears correctly | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI Request | | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer (Ring Tone to Caller) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | Part | | |
| NTS 410 | | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | 1 of 4 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | DEL | | | | NN Available | | | Any | CP🡪BT🡪CP | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call via the CPs NTS service | | | | | | | | | | | | |
| **2** | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | |  | Network Number = Available | | | | | |
|  | |  | Presentation Number = Available | | | | | |
|  | | | **<** | | ACI | |  | CLI Request | | | | | |
| ACI | | | **>** | |  | |  |
| Then Either | | | | | | | |  | | | | | |
|  | | | **<** | | CNA / SEM | |  | Reason 08 (Busy) | | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |
| Or | | | | | | | |  | | | | | |
|  | | | **<** | | ACM | |  | All Fields As Per Reference ACM | | | | | |
| In Band Announcement / Tone | | | | | | |  |  | | | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | | **>** | |  | |  |  | | | | | |
|  | | | **<** | | CCTF | |  |
| **Contd….** | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | | | | | | | | Part | |
| NTS 410 Contd | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | | 1 of 4 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | |
|  |  | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | | |  |  |  | | | | | | | | | | | |
|  |  | | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | | Details Below |
|  |  | | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | |
|  | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | Part | | |
| NTS 410 Contd | | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | 2 of 4 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | DEL | | | | NN Available | | | Any | CP🡪BT🡪CP | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call via the CPs NTS service | | | | | | | | | | | | |
| **2** | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | |  | Network Number = Available | | | | | |
|  | |  | Presentation Number = Available | | | | | |
|  | | | **<** | | ACI | |  | CLI Request | | | | | |
| ACI | | | **>** | |  | |  |
| Then Either | | | | | | | |  | | | | | |
|  | | **<** | | | CNA | |  | Reason 9/33 (Subscriber Out Of Order / Subscriber Temporarily Out Of Service) | | | | | |
| REL | | **>** | | |  | |  | Reason 47 (Null) | | | | | |
|  | | **<** | | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | **>** | | |  | |  |  | | | | | |
|  | | **<** | | | CCTF | |  |
| Or | | | | | | | |  | | | | | |
|  | | **<** | | | ACM | |  | All Fields As Per Reference ACM | | | | | |
| In Band Announcement / Tone | | | | | | |  |  | | | | | |
| REL | | **>** | | |  | |  | Reason 48 (Sub Termination) | | | | | |
|  | | **<** | | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | **>** | | |  | |  |  | | | | | |
|  | | **<** | | | CCTF | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | Part | |
| NTS 410 Contd | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | | 2 of 4 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | |
|  |  | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | | |  |  |  | | | | | | | | | | | |
|  |  | | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | | Details Below |
|  |  | | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | |
|  | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part | | |
| NTS 410 Contd | | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | 3 of 4 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | DEL | | | | NN Available | | | Any | CP🡪BT🡪CP | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call via the CPs NTS service | | | | | | | | | | | | |
| **2** | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | |  | Network Number = Available | | | | | |
|  | |  | Presentation Number = Available | | | | | |
|  | | | **<** | | ACI | |  | CLI Request | | | | | |
| ACI | | | **>** | |  | |  |
| Then Either | | | | | | | |  | | | | | |
|  | | **<** | | | CNA | |  | Reason 0/57 (Number Unobtainable / Spare Number or Code) | | | | | |
| REL | | **>** | | |  | |  | Reason 47 (Null) | | | | | |
|  | | **<** | | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | **>** | | |  | |  |  | | | | | |
|  | | **<** | | | CCTF | |  |
| Or | | | | | | | |  | | | | | |
|  | | **<** | | | ACM | |  | All Fields As Per Reference ACM | | | | | |
| In Band Announcement / Tone | | | | | | |  |  | | | | | |
| REL | | **>** | | |  | |  | Reason 48 (Sub Termination) | | | | | |
|  | | **<** | | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | **>** | | |  | |  |  | | | | | |
|  | | **<** | | | CCTF | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| NTS 410 Contd | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | 3 of 4 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | Part | | |
| NTS 410 Contd | | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | 4 of 4 | | |
| NTE Type | | | | | | NTE Conditions | | | | Direction | | | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | DEL | | | | NN Available | | | Any | CP🡪BT🡪CP | |  |  |
| PN Available | | | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | | | | |
| **1** | Make a speech call via the CPs NTS service | | | | | | | | | | | | |
| **2** | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | | |
|  | |  | Network Number = Available | | | | | |
|  | |  | Presentation Number = Available | | | | | |
|  | | | **<** | | ACI | |  | CLI Request | | | | | |
| ACI | | | **>** | |  | |  |
| Then Either | | | | | | | |  | | | | | |
|  | | **<** | | | CNA | |  | Reason 10/56 (Subscriber Controlled Incoming Calls Barred / Permanent Incoming Calls Barred) | | | | | |
| REL | | **>** | | |  | |  | Reason 47 (Null) | | | | | |
|  | | **<** | | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | **>** | | |  | |  |  | | | | | |
|  | | **<** | | | CCTF | |  |
| Or | | | | | | | |  | | | | | |
|  | | **<** | | | ACM | |  | All Fields As Per Reference ACM | | | | | |
| In Band Announcement / Tone | | | | | | |  |  | | | | | |
| REL | | **>** | | |  | |  | Reason 48 (Sub Termination) | | | | | |
|  | | **<** | | | REL | |  | Reason 47 (Null) | | | | | |
| CCTF | | **>** | | |  | |  |  | | | | | |
|  | | **<** | | | CCTF | |  |
| **Contd….** | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| NTS 410 Contd | | | Calls To Busy, Out Of Order, Spare and Incoming Calls Barred Lines | | | | | | | | | | | | | 4 of 4 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | Part | | |
| NTS 411 | | | | Caller Identity Treatment & MF Tones | | | | 1 of 1 | | |
| NTE Type | | | | | NTE Conditions | | Direction | | | |
| Originating | | | Terminating | | Originating | Terminating | BT🡪CP🡪BT | |  |  |
| DEL | | | DEL | | NN Available | Any | CP🡪BT🡪CP | |  |  |
| PN Available | Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | | |
| **MF Tones** | | | | | | | | | | |
| **0** | | Make and answer a call and confirm the MF tones (key 0 to 9, #, \*) sent by the calling telephone are audible at the called telephone | | | | | | | | |
| **The CP does NOT support a transit caller display service** | | | | | | | | | | |
| **1** | Make a call via the CPs NTS service to a 2nd BT line, ensuring that the Operator routes the ‘B’ leg of the call back to BT on the same route as the ‘A’ leg. | | | | | | | | | |
| **2** | Confirm that the CBI message indicator in the IFAM for the ‘B’ leg of the call is set to a “0” (CD service not supported). NB This type of call must not cause an ACI request other than that used for customer validation. | | | | | | | | | |
| **3** | Verify that the 2nd BT line shows “Unavailable” on the display box | | | | | | | | | |
| **The CP does support a transit caller display service** | | | | | | | | | | |
| **1** | Make a call via the CPs NTS service to a 2nd BT line. Confirm that the CBI bit in the ‘B’ leg IAM is set to a “1” (CD service supported). Ensure that the first ‘B’ leg ACI response from the Operator switch has IQ bit is set to a “0” (i.e. caller identity may be released for display purposes). Note that this type of call will generate two ACI requests on the ‘A’ leg only. | | | | | | | | | |
| **2** | Verify that the calling number is displayed correctly on the 2nd BT line | | | | | | | | | |
| **3** | Repeat the above procedure but prefix the dialled digits with 141 to withhold the CLI. | | | | | | | | | |
| **4** | Confirm that the ‘B’ leg ACI response from the Operator switch has the IQ bit set to a “1” (DEL identity may not be released). | | | | | | | | | |
| **5** | Verify that the 2nd BT line shows “withheld” on the display box | | | | | | | | | |
| **Contd….** | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | Part |
| NTS 411 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | 1 of 1 |
| **Expected Results** | | | | | | | | | | |
| **The CP does NOT Support a Transit Caller Display Service** | | | | | | | | | | |
| A Leg To Range Holding Operator | | | | | B Leg From Range Holding Operator | | | | | |
| Message Sequence | | | | Message Exceptions | Message Sequence | | | | Message Exceptions | |
| IFAM | **>** |  | |  |  |  |  |  | | |
|  |  |  | |  | IFAM | **>** |  | CBI Bit = 0 CD NOT Supported) | | |
|  |  |  | | For CLI Validation |  | **<** | ACI | For CLI Validation | | |
|  | **<** | ACI | |  |  |  |
| ACI | **>** |  | |  |  |  |
|  |  |  | | ACI | **>** |  |
|  |  |  | |  |  | **<** | ACM | All fields as per ref. ACM | | |
|  | **<** | ACM | | All fields as per ref. ACM |  |  |  |  | | |
|  | **<** | ANS | | All fields as per ref. ANS |  |  |  |  | | |
|  |  |  | |  |  | **<** | ANS | All fields as per ref. ANS | | |
| Conversation | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  |  | | |
|  |  |  | |  | REL | **>** |  |  | | |
|  |  |  | |  |  | **<** | REL |  | | |
|  | **<** | REL | |  |  |  |  |  | | |
|  |  |  | |  |  | **<** | CCTF |  | | |
|  | **<** | CCTF | |  |  |  |  |  | | |
| CCTF | **>** |  | |  |  |  |  |  | | |
|  |  |  | |  | CCTF | **>** |  |  | | |
| **Contd….** | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | Part |
| NTS 411 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | 1 of 1 |
| **Expected Results** | | | | | | | | | | |
| The CP does Support a Transit Caller Display Service | | | | | | | | | | |
| A Leg To Range Holding Operator | | | | | B Leg From Range Holding Operator | | | | | |
| Message Sequence | | | | Message Exceptions | Message Sequence | | | | Message Exceptions | |
| IFAM | **>** |  | |  |  |  |  |  | | |
|  |  |  | |  | IFAM | **>** |  | CBI Bit = 1 CD Supported | | |
|  |  |  | | For CLI Validation |  | **<** | ACI | For CLI Validation | | |
|  | **<** | ACI | |  |  |  |
| ACI | **>** |  | |  |  |  |
|  |  |  | | ACI | **>** |  |
|  |  |  | | For Display purposes |  | **<** | ACI | For Display purposes | | |
|  | **<** | ACI | |  |  |  |
| ACI | **>** |  | |  |  |  |
|  |  |  | | ACI | **>** |  | If Withheld IQ bit = 1 | | |
|  |  |  | |  |  | **<** | ACM | All fields as per ref. ACM | | |
|  | **<** | ACM | | All fields as per ref. ACM |  |  |  |  | | |
|  |  |  | |  |  | **<** | ANS | All fields as per ref. ANS | | |
|  | **<** | ANS | | All fields as per ref. ANS |  |  |  |  | | |
| Conversation | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  |  | | |
|  |  |  | |  | REL | **>** |  |  | | |
|  |  |  | |  |  | **<** | REL |  | | |
|  | **<** | REL | |  |  |  |  |  | | |
|  |  |  | |  |  | **<** | CCTF |  | | |
|  | **<** | CCTF | |  |  |  |  |  | | |
| CCTF | **>** |  | |  |  |  |  |  | | |
|  |  |  | |  | CCTF | **>** |  |  | | |
| **Contd….** | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| NTS 411 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | Operator |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |

**2.2 Test Procedure & Results Sheets (Contd)**

2.3.6 Personal Numbering / Assistant

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | **Test Description** | | | | | | | Part |
| PN 481 | | | | Backward & Forward Release | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪  BT(🡪Mob) | |
| DEL | | DEL | | | | NN Available | | | Any |
| Mob | | | | PN Available | | |
| Test Procedure | | | | | | | | | | | |
| **1** | Make a call via the CPs PN/PA service | | | | | | | | | | |
| **2** | Answer | | | | | | | | | | |
| **3** | Clear the call from the calling party | | | | | | | | | | |
| **4** | Repeat and clear from called party | | | | | | | | | | |
| **5** | Repeat 1-4 to a mobile | | | | | | | | | | |
| **6** | Confirm that call release sequences are acceptable | | | | | | | | | | |
| Expected Results | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All Fields as per reference IAM/IFAM | | | |
|  | |  | Network Number = Available | | | |
|  | |  | Presentation Number = Available | | | |
|  | | | **<** | | ACI | |  | For Display purposes | | | | |
| ACI | | |  | |  | |  |
|  | | | **<** | | ACM | |  | All Fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All Fields as per reference ANS | | | |
| Communication | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Forward Release | | | |
|  | | | **<** | | REL | |  |
|  | | | **<** | | CCTF | |  |
| CCTF | | | **>** | |  | |  |
|  | | | | | | |  | or | | | |
|  | | | **<** | | REL | |  | Backward Release | | | |
| REL | | | **<** | |  | |  |
| CCTF | | | **>** | |  | |  |
|  | | | **<** | | CCTF | |  |
| Contd… | | | | | | | | | | | |

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| Test Number | | | **Test Description** | | | | | | | | | | | | | Part | | |
| PN 481 Contd | | | Backward & Forward Release | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | Part | | |
| PN 482 | | | | | | 3.1kHz Call | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | | |
| ISDN | | | | DEL | | | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a 3.1k call via the CPs PN/PA service | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer and confirm satisfactory speech quality | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Clear the Call from the Calling Party | | | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | |  | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | |  | All Fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | |  | Network Number = Available | | | | | | | | | | | | | | | |
|  | |  | Presentation Number = Available | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | |  | For Display purposes | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | |  |
|  | | | | | **<** | | ACM | |  | All Fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | |  | All Fields as per reference ANS | | | | | | | | | | | | | | | |
| Communication | | | | | | | | |  |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | |  | Forward Release | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | |  |
|  | | | | | **<** | | CCTF | |  |
| CCTF | | | | | **>** | |  | |  |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | Part | | |
| PN 483 | | | | | | CAT1 Call | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| ISDN | | | | ISDN | | | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a data call via the CPs PN/PA service | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer (Auto Answer) | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Clear the Call from the Originating Party | | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | |  | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | |  | All Fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | |  | For Display purposes | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | |  |
|  | | | | | **<** | | SIM A | |  | Type 7 | | | | | | | | | | | | | | |
| SIM B | | | | | **>** | |  | |  | Type 2 | | | | | | | | | | | | | | |
|  | | | | | **<** | | SIM C | |  | Type 8 | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | |  | All Fields as per reference ACM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | |  | All Fields as per reference ANS | | | | | | | | | | | | | | |
| Communication | | | | | | | | |  |  | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | |  |  | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | |  |  | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | |  |  | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | |  |  | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | Part | | |
| PN 484 | | | | | | CAT2 Call | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | Terminating | | | | | BT🡪CP🡪  BT(🡪Mob) | | | | | |
| ISDN | | | | DEL | | | | NN Available | | | | | | | Any | | | | |
| Mob | | | | PN Available | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs PN/PA service | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer and confirm satisfactory speech quality | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Clear the Call from the Calling Party | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Repeat to a mobile | | | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | |  | Message Exceptions | | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | |  | All Fields as per reference IAM/IFAM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | |  | For Display purposes | | | | | | | | | | | | | | | | |
| ACI | | | | |  | |  | |  |
|  | | | | | **<** | | ACM | |  | All Fields as per reference ACM | | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | |  | All Fields as per reference ANS | | | | | | | | | | | | | | | |
| Communication | | | | | | | | |  |  | | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | |  | Forward Release | | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | |  |
|  | | | | | **<** | | CCTF | |  |
| CCTF | | | | | **>** | |  | |  |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
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|  | Completed With Waiver | | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
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|  | Not Completed | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | | | | | | | | | | Part | | |
| PN 485 | | | | | Unrestricted Data | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | Originating | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | | |
| ISDN | | | | Mob | | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a data call via the CPs PN/PA service at GSM 9.6kbs / GPRS 19.2kbs / 3G 64kbs | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Transmit some suitable data in each direction | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the Call from the Calling Party | | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | |  | Message Exceptions | | | | | | | | | | | | | | | | |
| IFAM | | | | **>** | |  | |  | All Fields as per reference IAM/IFAM | | | | | | | | | | | | | | | | |
|  | | | | **<** | | ACI | |  | For Display purposes | | | | | | | | | | | | | | | | |
| ACI | | | | **>** | |  | |  |
|  | | | | **<** | | SIM A | |  | Type 7 | | | | | | | | | | | | | | | | |
| SIM B | | | | **>** | |  | |  | Type 2 | | | | | | | | | | | | | | | | |
|  | | | | **<** | | SIM C | |  | Type 8 | | | | | | | | | | | | | | | | |
|  | | | | **<** | | ACM | |  | All Fields as per reference ACM | | | | | | | | | | | | | | | | |
|  | | | | **<** | | ANS | |  | All Fields as per reference ANS | | | | | | | | | | | | | | | | |
| Communication | | | | | | | |  |  | | | | | | | | | | | | | | | | |
| REL | | | | **>** | |  | |  |  | | | | | | | | | | | | | | | | |
|  | | | | **<** | | REL | |  |  | | | | | | | | | | | | | | | | |
|  | | | | **<** | | CCTF | |  |  | | | | | | | | | | | | | | | | |
| CCTF | | | | **>** | |  | |  |  | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | |
|  | Completed | | | | | | |  |  |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
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|  | Not Completed | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | Part | | |
| PN 486 | | | | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | | |
| DEL | | | | DEL | | | | NN Available | | | | | | | | Any | | | | |
| PN Available | | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call call via the CPs PN/PA service, omitting last digit of called party number | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm call releases to correct announcement | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Clear the call from the calling party | | | | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IAM | | | | | **>** | |  | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | For Display purposes | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | |
|  | | | | | **<** | | SADs | | |  | |  | | | | | | | | | | | | | | |
| FAM/SAMs | | | | | **>** | |  | | |  | | Final Digit(s) may be sent in an FAM in which case the following will not apply | | | | | | | | | | | | | | |
|  | | | | |  | |  | | |  | | Timer | | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA / REL | | |  | | Reason 01 (Address Incomplete) | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  |  | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | **Test Description** | | | | | | | Part |
| PN 487 | | | | Called Subscriber Hold Time Out | | | | | | | 1 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available | | | Any |
| PN Available | | |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Make a speech call via the CPs PN/PA service | | | | | | | | | | |
| **2** | Answer | | | | | | | | | | |
| **3** | Hang up from the called line | | | | | | | | | | |
| **4** | After a few seconds re-answer the call and confirm conversation is still possible | | | | | | | | | | |
| **5** | Depress & immediately release the switch hooks on the ‘connected to’ line | | | | | | | | | | |
| **6** | Confirm conversation is still possible | | | | | | | | | | |
| **7** | Hang up from the called line | | | | | | | | | | |
| **8** | Confirm that the call releases after a suitable interval | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For Display purposes | | | |
| ACI | | | **>** | |  | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| Speech | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | Hang Up | | | |
|  | | | **<** | | RAN | |  |  | | | |
| Speech | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | Hook Flash | | | |
| Speech | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | Hang Up | | | |
|  | | |  | |  | |  | Timer - Typically 6 minutes, may be much shorter on calls to Mobiles. Consult Service Description if Necessary. | | | |
| Either | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  |  | | | |
|  | | | **<** | | REL | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or | | | | | | |  |  | | | |
|  | | | **<** | | REL | |  |  | | | |
| REL | | | **>** | |  | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| **Contd….** | | | | | | | | | | | |

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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| PN 487 Contd | | | | | | Called Subscriber Hold Time Out | | | | | | | | | | | | | | | | | | | 2 of 2 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪  BT(🡺Mob) | | | | |
| DEL | | | | Mob | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs PN/PA service to a mobile | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | If the facility is available, put the call on hold at the mobile | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | After a few seconds re-answer the call and confirm conversation is still possible | | | | | | | | | | | | | | | | | | | | | | | | |
| **5** | | Hang up from the mobile | | | | | | | | | | | | | | | | | | | | | | | | |
| **6** | | Confirm that the call releases after a suitable interval | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For Display purposes | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | |
| Speech | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CLR | | | |  | | Optional (On Hold) | | | | | | | | | | | | | |
| On Hold (Music/Announcement/Silence) | | | | | | | | | | | | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | RAN | | | |  | | Optional (Off Hold) | | | | | | | | | | | | | |
| Speech | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Hang Up | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| PN 488 | | | | | | Called Subscriber Answer Time Out (No Divert) | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪  BT(🡺Mob) | | | | |
| DEL | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | |
| Mob | | | | PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call via the CPs PN/PA service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Do not answer | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Wait for the called party answer timer to mature | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that the call clears correctly | | | | | | | | | | | | | | | | | | | | | | | | |
| **5** | | Repeat to mobile | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For Display purposes | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer (Ring Tone to Caller) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | Part |
| PN 489 | | | | | Correct Answer Timing for Personal Assistant Service | | | | | | | | 1 of 1 |
| NTE Type | | | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | | | Originating | | | Terminating | BT🡪CP🡪  BT(🡺Mob) | |
| DEL | | DEL | | | | | | NN Available | | | Any |
| Mob | | | | | | PN Available | | |
| Test Procedure | | | | | | | | | | | | | |
| **1** | Make a speech call via the CPs PA service set up to ‘poll’ a fixed line & a mobile simultaneously (ensure the polling messages are sent back via the test route) | | | | | | | | | | | | |
| **2** | Confirm that: | | | | | | Call set up messages are sent to all of the destination devices simultaneously & that these are new calls not ‘call forwards’ | | | | | | |
|  | | | | | | The fixed line & mobile both ring | | | | | | |
|  | | | | | | Answer is returned and ringing is returned to caller | | | | | | |
| **3** | Answer from the mobile | | | | | | | | | | | | |
| **4** | Ensure that ringing stops to caller & bothway speech is then possible | | | | | | | | | | | | |
| **5** | Confirm that the call to the fixed line is forward released by the PA service controller as soon as mobile is answered | | | | | | | | | | | | |
| **6** | Backward clear the call from the mobile and ensure both legs of the call clear normally | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | |
| BT 🡪 CP | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | |  | Message Exceptions | | | |
| IFAM | | | | **>** | |  | | |  | All Fields as per reference IAM/IFAM | | | |
|  | | | | **<** | | ACM | | |  | All Fields as per reference ACM | | | |
|  | | | | **<** | | ANS | | |  | All Fields as per reference ANS | | | |
|  | | | |  | Sent Immediately after ACM & is Chargeable | | | |
| Communication | | | | | | | | |  | Ringing Tone to Caller Only | | | |
| Communication | | | | | | | | |  | Two way speech after ANS on CP 🡪 BT leg | | | |
|  | | | | **<** | | REL | | |  | Cause Indicator = 48 (Normal Call Clearing)  After REL on CP 🡪 BT leg | | | |
| REL | | | | **>** | |  | | |  |
| CCTF | | | **>** | | |  | | |  |  | | | |
|  | | | **<** | | | CCTF | | |  |  | | | |
| Contd… | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | **Test Description** | | | | | | | | | | | | | | Part | | |
| PN 489 Contd | | | | Correct Answer Timing for Personal Assistant Service | | | | | | | | | | | | | | 1 of 1 | | |
| Expected Results (Contd) | | | | | | | | | | | | | | | | | | | | |
| CP 🡪BT | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | |  | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | **>** | |  |  | All Fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  |  | **Not Translated,** Routing Digits for mobile | | | | | | | | | | | | | |
| IFAM | | | **>** | |  |  | All Fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  |  | **Not Translated**, Routing Digits for fixed | | | | | | | | | | | | | |
|  | | | **<** | | ACM |  | All Fields as per reference ACM - from mobile | | | | | | | | | | | | | |
|  | | | **<** | | ACM |  | All Fields as per reference ACM - from fixed | | | | | | | | | | | | | |
|  | | | **<** | | ANS |  | All Fields as per reference ANS - from mobile | | | | | | | | | | | | | |
| REL | | | **>** | |  |  | Cause Indicator = 16 (Normal Call Clearing) - to fixed | | | | | | | | | | | | | |
|  | | | **<** | | REL |  | Fixed | | | | | | | | | | | | | |
|  | | | **<** | | CCTF |  | Fixed | | | | | | | | | | | | | |
| CCTF | | | **>** | |  |  | DEL | | | | | | | | | | | | | |
| Communication | | | | | |  | Mobile | | | | | | | | | | | | | |
|  | | | **<** | | REL |  | Mobile Cause Indicator = 16 (Normal Call Clearing) | | | | | | | | | | | | | |
| REL | | | **>** | |  |  |  | | | | | | | | | | | | | |
| CCTF | | | **>** | |  |  | Mobile | | | | | | | | | | | | | |
|  | | | **<** | | CCTF |  | Mobile | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | | | |  |  |  | | | | | | | | | | | |
|  |  | | | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | Part | | |
| PN 490 | | | | | | Busy (Local Message / No Message) | | | | | | | | | | | | | | | | | | 1 of 2 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | Terminating | | | | | BT🡪CP🡺BT | | | | | |
| DEL | | | | DEL | | | | NN Available | | | | | | | | Any | | | | |
| PN Available | | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a call via the CPs PN/PA service to a busy line reverting to the voicemail associated with the PA/PN service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Deposit a voice message | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | For display purposes | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |
|  | | | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | |
| Announcement / Message Deposit | | | | | | | | | |  | |  | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | | Hang Up | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  |  | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | | | | | | | | | | | Part | | |
| PN 490 Contd | | | | | Busy (Local Message / No Message) | | | | | | | | | | | | | | | | | | 2 of 2 | | |
| NTE Type | | | | | | | NTE Conditions | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | Originating | | | | | | | | Terminating | | | | | BT🡪CP(VMS) | | | | | |
| DEL | | | | DEL | | | NN Available | | | | | | | | Any | | | | |
| PN Available | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Instigate call via the CPs PN/PA service to a busy line with no voicemail (either local or remote) | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an appropriate tone or announcement is heard by the calling party | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | |
| IFAM | | | | **>** | |  | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | | | **<** | | ACI | | |  | | For Display purposes | | | | | | | | | | | | | | |
| ACI | | | | **>** | |  | | |  | |
| Then Either | | | | | | | | | | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | CNA / SEM | | |  | | Reason 08 (Busy) | | | | | | | | | | | | | | |
| REL | | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
|  | | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
| CCTF | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | CCTF | | |  | |
| Or | | | | | | | | | | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | ACM | | |  | | All Fields As Per Reference ACM | | | | | | | | | | | | | | |
| In Band Announcement / Tone | | | | | | | | |  | |  | | | | | | | | | | | | | | |
| REL | | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | |
|  | | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
| CCTF | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | CCTF | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | |  |  | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | |  |  |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | | | | | | | | | | | Part | | |
| PN 491 | | | | | Service Out of Order | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | NTE Conditions | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | Originating | | | | | | | | Terminating | | | | | BT🡪CP | | | | | |
| DEL | | | | DEL | | | NN Available | | | | | | | | Any | | | | |
| PN Available | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Take the PN/PA service “off the air” so that calls cannot be processed | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Make a call via the CPs PN/PA service | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call is released appropriately | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | |
| IFAM | | | | **>** | |  | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | |  | | Network Number = Available | | | | | | | | | | | | | | |
|  | | |  | | Presentation Number = Available | | | | | | | | | | | | | | |
|  | | | | **<** | | ACI | | |  | | For Display purposes | | | | | | | | | | | | | | |
| ACI | | | | **>** | |  | | |  | |
| Then Either | | | | | | | | | | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | CNA | | |  | | Reason 9/33 (Subscriber Out Of Order / Subscriber Temporarily Out Of Service) | | | | | | | | | | | | | | |
| REL | | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
|  | | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
| CCTF | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | CCTF | | |  | |
| Or | | | | | | | | | | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | ACM | | |  | | All Fields As Per Reference ACM | | | | | | | | | | | | | | |
| In Band Announcement / Tone | | | | | | | | |  | |  | | | | | | | | | | | | | | |
| REL | | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | |
|  | | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
| CCTF | | | | **>** | |  | | |  | |  | | | | | | | | | | | | | | |
|  | | | | **<** | | CCTF | | |  | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | |  |  | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | |  |  |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | | | | | | | | | Part | | |
| PN 492 | | | | | Voice Message Retrieve | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT🡪CP(VMS) | | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Using an “admin” access, attempt to retrieve and delete voice messages, confirm this can be performed as expected | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | **Test Description** | | | | | | | | | | | | | | | | Part | | |
| PN 493 | | | | | Account Administration | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT🡪CP | | | | | |
| DEL | | | | Admin | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| Test Procedure | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Using an “admin” access, attempt to adjust profile settings, e.g. schedule/diary as available to an account holder | | | | | | | | | | | | | | | | | | | | | | |
| Expected Results | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | **Test Description** | | | | | | | Part |
| PN 494 | | | Malicious Call Identification | | | | | | | 1 of 1 |
| NTE Type | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | NN **Withheld** | | | Any |
| PN Available | | |
| **Test Procedure** | | | | | | | | | | |
| **1** | Make a speech call (with the calling identity withheld), via the CPs PN/PA service, ensuring that the called line has an MCI protocol enabled | | | | | | | | | |
| **2** | Answer | | | | | | | | | |
| **3** | Invoke MCI on the called phone | | | | | | | | | |
| **4** | Attempt to forward release the call | | | | | | | | | |
| **5** | Clear the call from the calling party | | | | | | | | | |
| **6** | Confirm that print out is available containing a network number | | | | | | | | | |
| **Expected Results** | | | | | | | | | | |
| Message Sequence | | | | | |  | Message Exceptions | | | |
| IFAM | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | |  | Network Number = Available | | | |
|  | |  | Presentation Number = Available | | | |
|  | | **<** | | ACI | |  | For Display purposes | | | |
| ACI | | **>** | |  | |  |
|  | | **<** | | ACI | |  | MCI Protocol | | | |
| ACI | | **>** | |  | |  |
|  | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| Communication | | | | | |  |  | | | |
|  | | | | | |  | Invoke MCI | | | |
| Communication | | | | | |  |  | | | |
| CLR | | **>** | |  | |  | Attempted Clear | | | |
| Communication | | | | | |  |  | | | |
|  | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | |
| REL | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | **<** | | CCTF | |  |  | | | |
| CCTF | | **>** | |  | |  |  | | | |
| **Contd….** | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| PN 494 Contd | | | Malicious Call Identification | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | **Test Description** | | | | Part |
| PN 495 | | | Caller Identity Treatment & MF Tones | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT🡪CP🡪  BT(🡺Mob) | |
| DEL | | Mob | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **MF Tones** | | | | | | | |
| **0** | Make and answer a call and confirm the MF tones (key 0 to 9, #, \*) sent by the calling telephone are audible at the called telephone | | | | | | |
| **Caller Identity is NOT supported by the PA/PN service** | | | | | | | |
| **1** | Make a via the CPs PN/PA service and confirm that the CBI (Cross Border Indicator) message indicator in the IFAM is set to “0” indicating that the Caller Identity service not supported | | | | | | |
| **2** | On a normal call this should prevent generation of an ACI request by the terminating switch to obtain the CLI (Calling Line Identity). However, if an ACI request is initiated, confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) (parameter D in the CLI message indicator field), set to a "1" meaning line identity may not be released for display purposes. | | | | | | |
| **3** | Confirm that where the terminating line has a display facility that the calling number is shown as “Unavailable” | | | | | | |
| **Caller Identity is supported by the PA/PN service** | | | | | | | |
| **1** | Make a via the CPs PN/PA service from a line set to release the caller’s CLI and confirm that the CBI message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported. | | | | | | |
| **2** | Confirm that where the terminating line has a Caller Display facility that the calling number is shown | | | | | | |
| **3** | If supported by the terminating CP, use the call return facility by dialling the appropriate service code to receive an announcement providing the caller’s identity. | | | | | | |
| **4** | Clear the call | | | | | | |
| **5** | Repeat the above procedure but precede the destination number with 141 (or the CPs equivalent) to withhold the CLI | | | | | | |
| **6** | Confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) - set to a value of “1”, indicating that the calling line identity may not be released for display purposes | | | | | | |
| **7** | Confirm that the destination line display shows “Withheld” | | | | | | |
| **8** | Clear the call | | | | | | |
| **Contd….** | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | | |
| PN 495 Contd | | | | Caller Identity Treatment & MF Tones | | | | | | | | | | | | | | | | 1 of 1 | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | |
| **Caller Identity is NOT supported by the PA/PN service** | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | |
| IFAM | | | **>** | |  | | |  | | CBI = 0 | | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
| **Caller Identity is supported by the PA/PN service** | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | |
| IFAM | | | **>** | |  | | |  | | CBI = 1 | | | | | | | | | | | | |
|  | | | **<** | | ACI | | |  | | Type 7, IRC 1 (CLI) | | | | | | | | | | | | |
| ACI | | | **>** | |  | | |  | | Type 1, ICC 1 (CLI) IQ = 1 (Withheld) IQ = 0 (Displayable) | | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS | | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | |  | | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets (Contd)**

2.3.7 Indirect Access Single Stage

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | Part | | |
| IA1 351 | | | | | | 3.1khz Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | | |
| ISDN | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a 3.1khz call using the CPs’ Single Stage IA service | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an ACI interchange occurs | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that an ACM and ANS are returned (both with type of answer set to charge) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the call from the originating terminal and confirm that a release message is returned from the CP | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | Authorisation | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 352 | | | | CAT1 Call | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| ISDN | | ISDN | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a CAT 1 call using the CPs’ Single Stage IA service | | | | | | | | | | |
| **2** | Confirm that ACI & SIM interchanges occur | | | | | | | | | | |
| **3** | Confirm that an ACM and ANS are returned | | | | | | | | | | |
| **4** | Clear the call from the terminating terminal and confirm that a clear message is returned, causing an immediate release to be sent forward which ends the call | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | For display purposes | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | |
| SAM(s) | | | **>** | |  | |  |  | | | |
| FAM | | | **>** | |  | |  |  | | | |
|  | | | **<** | | SIM A | |  | Type 7 ICC= 6 ; IRC= 3 | | | |
| SIM B | | | **>** | |  | |  | Type 2 ICC= 3 ; IRC= 7 | | | |
|  | | | **<** | | SIM C | |  | Type 8 ICC= 7 ; IRC= 0 | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
|  | | | **<** | | CLR | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA1 352 Contd | | | CAT1 Call | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| IA1 353 | | | | | | CAT2 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| ISDN | | | | ISDN | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a CAT 2 call using the CPs’ Single Stage IA service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an ACI interchange occurs | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that an ACM and ANS are returned (both with type of answer set to charge) | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the call from the originating terminal and confirm that a release message is returned from the CP | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For authorisation | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACI | | | |  | | For display purposes | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS TOA=1 | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 354 | | | | Forced Release On Incomplete Destination Number | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Attempt to set up a call using the CPs’ Single Stage IA service, inputting and all but the final digit of the destination number | | | | | | | | | | |
| **2** | Confirm that the call is either released using an appropriate release sequence, or the caller is prompted to re-enter the destinationnumber | | | | | | | | | | |
| **3** | If applicable re-enter number then release after conversation | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | For display purposes | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | |
| SAM(s) | | | **>** | |  | |  |  | | | |
| Either | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or | | | | | | |  |  | | | |
| Announcement | | | | | | |  | Re-enter destination number (in band) | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| Conversation | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA1 354 Contd | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 355 | | | | Forced Release On Unregistered Line | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service from a line which is not registered with the CP under test as a valid customer line | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   * 1. The call is released with an appropriate CNA message followed by a BT announcement or tone   2. An ACM is returned followed by a suitable in band ‘Number Unobtainable’ tone   3. An ACM is returned followed by a suitable CPs in band announcement requesting account details to be entered in-band (IA2)   4. An ACM is returned followed by a suitable CPs in band announcement   Note: If the announcement contains any advertising\* the CP is contractually obliged to provide an ANS message before the announcement is played  **\* Advertising means any form of information identifying the CP** | | | | | | | | | | |
| **3** | For iii), proceed with a two stage set up where applicable to a successful call  For iv), do not hang up, confirm that the call is appropriately released by the CP within a suitable duration. | | | | | | | | | | |
| **4** | Ensure any ANS message returned is chargeable | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation invalid | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| IA1 355 Contd | | | | Forced Release On Unregistered Line | | | | | | | | | | | | | | | | 1 of 1 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM CHI=1 | | | | | | | | | | | |
| ‘Unobtainable’ Tone | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | | | | | |  | | Timer | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| Or iii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
| MF Tones | | | | | | | |  | | Account Information (+ destination number if not stored) | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1 | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| Or iv) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1  Only Required if announcement contains “advertising” | | | | | | | | | | | |
| In-Band Announcement | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 356 | | | | Called Subscriber Hold Time Out | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service | | | | | | | | | | |
| **2** | Answer the call after 2 or 3 rings and confirm an ANS message is sent | | | | | | | | | | |
| **3** | From the called line clear and re-answer the call and confirm that bothway speech is maintained | | | | | | | | | | |
| **4** | Replace the handset on the called line and confirm that a time out occurs after an appropriate interval followed by an appropriate release sequence (first release expected from CP) | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | For display purposes | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | |
| SAM(s) | | | **>** | |  | |  |  | | | |
| FAM | | | **>** | |  | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| Conversation | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | On Hold | | | |
|  | | | **<** | | RAN | |  |  | | | |
| Conversation | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | On Hold | | | |
|  | | | | | | |  | Timer | | | |
|  | | | **<** | | REL | |  |  | | | |
| REL | | | **>** | |  | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA1 356 Contd | | | Called Subscriber Hold Time Out | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| IA1 357 | | | | | | Called Subscriber Answer Time Out | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| DEL | | | | DEL | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a call using the CPs’ Single Stage IA service (but do not answer) | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call is released appropriately within 7 minutes | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For authorisation | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACI | | | |  | | For display purposes | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SAD(s) | | | |  | |  | | | | | | | | | | | | | |
| SAM(s) | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| FAM | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 358 | | | | Call to Originating Network ‘Free To Caller’ Number Translation Service | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, where the destination number is a non chargeable BT NTS Number | | | | | | | | | | |
| **2** | 1. Confirm that either of the following occurs: 2. The call is released with an appropriate CNA message followed by a suitable release sequence (and local announcement) 3. The call completes successfully when answered and an ANS message sent (with a Type of Answer set to Charge) and there is an appropriate release message sequence when the call is cleared from the originating line 4. A suitable in band ‘Number Unobtainable’ type Tone or equivalent CPs Recorded Announcement is heard (call is forward released by the caller)   Note: If the announcement contains any advertising\* the CP is contractually obliged to provide an ANS message before the announcement is played  **\* Advertising means any form of information identifying the CP** | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation invalid | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| IA1 358 Contd | | | | Call to Originating Network ‘Free To Caller’ Number Translation Service | | | | | | | | | | | | | | | | 1 of 1 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1 | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| Or iii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1  Only Required if announcement contains “advertising” | | | | | | | | | | | |
| In-Band Announcement | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 359 | | | | Calls to Busy and Spare Lines | | | | | | | 1 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, where the destination number is busy | | | | | | | | | | |
| **2** | Confirm that either of the following occurs:   1. The call is released with an appropriate CNA message followed by a suitable release sequence (Local Announcement / Tone) 2. A suitable in band ‘Engaged’ type tone is heard and the call is forward released by the caller | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation invalid | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | Reason 8 (Number Busy Tone) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM CHI=1 | | | |
| In Band ‘Engaged’ Tone | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Subscriber Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA1 359 Contd | | | Calls to Busy and Spare Lines | | | | | | | | | | | | | 1 of 2 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | Part |
| IA1 359 Contd | | | | Calls to Busy and Spare Lines | | | | | | | 2 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, where the destination number is spare | | | | | | | | | | |
| **2** | Confirm that either of the following occurs:   1. The call is released with an appropriate CNA message followed by a suitable release sequence (Local Announcement / Tone) 2. A suitable in band ‘unobtainable’ type tone is heard and the call is forward released by the caller | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | Reason 0 (Number Unobtainable Tone) or  57 (Number Not Recognised Announcement ) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM CHI=1 | | | |
| ‘Unobtainable’ Tone | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Subscriber Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA1 359 Contd | | | Calls to Busy and Spare Lines | | | | | | | | | | | | | 2 of 2 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | | Part |
| IA1 360 | | | | Malicious Call Intercept | | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, with the Destination Number enabled with MCI or equivalent | | | | | | | | | | | |
| **2** | On the ‘A’ Leg of the call, confirm that the CP switch sends: i) an ACI message requesting Full Calling Line Identity (for validation purposes); ii) an ACM with the LRPI Last set (if supported) and iii) an ANS message (with a Type of Answer set to Charge) to the originating switch | | | | | | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the destination switch sends: i) an ACI message requesting Full Calling Line Identity (for the MCI); ii) an ACM which has the LRPI set (if supported) and iii) an ANS message (with a Type of Answer set to Charge) to the CP switch | | | | | | | | | | | |
| **4** | Answer the call, invoke MCI and confirm that that bothway speech is still possible | | | | | | | | | | | |
| **5** | Attempt to hang up the calling party's telephone. If the LPRI bit in the ACM was set to 1, confirm that a Forward Clear (CLR) message is sent. Pick up the calling party's handset and confirm if speech is still possible | | | | | | | | | | | |
| **6** | Replace both handsets, calling party first and confirm that a ‘dialling’ tone is available from both phones | | | | | | | | | | | |
| **7** | **Confirm that a record of the MCI request is available, with the CLI, time of call etc recorded** | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | | |
| SAM(s) | | | **>** | |  | |  |  | | | | |
| FAM | | | **>** | |  | |  |  | | | | |
|  | | | **<** | | ACI | |  | For display purposes | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | Type 7 (IRC=1) | | For MCI | | |
| ACI | | | **>** | |  | |  | Type 1 (ICC=1) | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM **LPR=1** | | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | | |
| Conversation | | | | | | |  |  | | | | |
| **Contd…** | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| IA1 360 Contd | | | | Malicious Call Intercept | | | | | | | | | | | | | | | | 1 of 1 | |
| **Expected Results Contd** | | | | | | | | | | | | | | | | | | | | | |
| Last Party Release Supported | | | | | | | |  | |  | | | | | | | | | | | |
| CLR | | | **>** | |  | | |  | | On Hold | | | | | | | | | | | |
|  | | |  | |  | | |  | | Wait 3 Minutes | | | | | | | | | | | |
| RAN | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 48 (Subscriber Termination) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| Last Party Release **NOT** Supported | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Subscriber Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | | Part |
| IA1 361 | | | | 999, 112 & 100 Call Treatment | | | | | | | | 1 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | BT🡪CP  Either 🡪BT(CHC)  Or 🡪CP(CHC) | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, with the destination number = 999 | | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. An ACM is returned followed by a suitable in band announcement clearly stating “Please Redial without using the IA Code” or similar 2. The call completes successfully to either a BT **OR** CP Emergency Service Call Handling Centre, in which case confirm that the page information is appropriate | | | | | | | | | | | |
| **3** | For ii) confirm that on the ongoing section of the call that the Protection Indicator = 1 | | | | | | | | | | | |
| **4** | Attempt to forward release the call (this should not be possible), then ask the Emergency Service call centre assistant to release the call and confirm that the call releases appropriately | | | | | | | | | | | |
| **5** | Repeat with the destination number = 112 | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |
|  | | | **<** | | ACI | |  | Type 7 (IRC=1) | | Authorisation | | |
| ACI | | | **>** | |  | |  | Type 1 (ICC=1) | |
|  | | | **<** | | SAD(s) | |  |  | | | | |
| SAM(s) | | | **>** | |  | |  |  | | | | |
| FAM | | | **>** | |  | |  |  | | | | |
| Then either i) | | | | | | |  |  | | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | | |
| In-Band Announcement | | | | | | |  |  | | | | |
|  | | | | | | |  | Timer | | | | |
|  | | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | |
| CCTF | | | **>** | |  | |  |  | | | | |
|  | | | **<** | | CCTF | |  |  | | | | |
| **Contd…** | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| IA1 361 Contd | | | | 999, 112 & 100 Call Treatment | | | | | | | | | | | | | | | | | | | 1 of 2 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | |  | | |  | | | | | | | | | | | | | | |
|  | | | **<** | | ACI | | |  | | | Type 7 (IRC=5) | | | | | Basic Service Marks | | | | | | | | |
| ACI | | | **>** | |  | | |  | | | Type 3 (ICC=5) | | | | |
|  | | | **<** | | ACM | | |  | | | All Fields as per reference ACM **LPR=1** | | | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | | All Fields as per reference ANS | | | | | | | | | | | | | |
| In-Band Communication | | | | | | | |  | | |  | | | | | | | | | | | | | |
| CLR | | | **>** | |  | | |  | | | Attempted Hang Up | | | | | | | | | | | | | |
| RAN | | | **>** | |  | | |  | | |
| In-Band Communication | | | | | | | |  | | |  | | | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | | Reason 48 (Sub Termination) | | | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | | |  | | | | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  | | |  | | | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | | | |  | | |  | | |  | | | | | | | | | | | |
|  |  | | | | |  | | |  | | |  | | | | | | | | | | | |
|  | Completed After Correction | | | | |  | | |  | | |  | Due to Problem With: | | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  | | |  | | |  | | | | | | | | | | |
|  | Completed With Waiver | | | | |  | | |  | | |  | | Waiver Reference | | |  | | | | | |
|  |  | | | | |  | | |  | | |  | | | | | | | | | | |
|  | Not Completed | | | | |  | | |  | | |  | Due to Problem With: | | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | | Part |
| IA1 361 Contd | | | | 999, 112 & 100 Call Treatment | | | | | | | | 2 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | BT🡪CP  Either 🡪BT(CHC)  Or CP(CHC) | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, with the destination number = 100 | | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. The call is released with an appropriate CNA message followed by a BT announcement or tone 2. An ACM is returned followed by a suitable in band ‘Number Unobtainable’ tone 3. The call completes successfully to either a BT **OR** Other CPs Call Handling Centre | | | | | | | | | | | |
| **3** | Forward release the call and confirm that the call releases appropriately | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |
|  | | | **<** | | ACI | |  | Type 7 (IRC=1) | | Authorisation | | |
| ACI | | | **>** | |  | |  | Type 1 (ICC=1) | |
|  | | | **<** | | SAD(s) | |  |  | | | | |
| SAM(s) | | | **>** | |  | |  |  | | | | |
| FAM | | | **>** | |  | |  |  | | | | |
| Then either i) | | | | | | |  |  | | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | | |
|  | | | **<** | | CCTF | |  |  | | | | |
| CCTF | | | **>** | |  | |  |  | | | | |
| **Contd…** | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| IA1 361 Contd | | | | 999, 112 & 100 Call Treatment | | | | | | | | | | | | | | | | 2 of 2 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM CHI=1 | | | | | | | | | | | |
| ‘Unobtainable’ Tone | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| Or iii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1 | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part |
| IA1 362 | | | Caller Identity Treatment & MF Tones | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | NN Available  PN Available | Any |
| **Test Procedure** | | | | | | | |
| **MF Tones** | | | | | | | |
| **0** | Make and answer a call and confirm the MF tones (key 0 to 9, #, \*) sent by the calling telephone are audible at the called telephone | | | | | | |
| **Transit Caller Identity is NOT supported by the CP’s IA service** | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, from a line set to release the caller’s CLI | | | | | | |
| **2** | Confirm that on the ‘A’ leg of the call the CBI (Cross Border Indicator) message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the CP switch forwards an IFAM with the CBI message indicator set to a value of “0” indicating that the Caller Identity service not supported | | | | | | |
| **4** | Confirm that where the terminating line has a caller display facility that the calling number is shown as “Unavailable” | | | | | | |
| **Transit Caller Identity is supported by the CP’s IA service** | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, from a line set to release the caller’s CLI | | | | | | |
| **2** | Confirm that on the ‘A’ leg of the call the CBI (Cross Border Indicator) message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the CP switch forwards an IFAM with the CBI message indicator set to a value of “1” indicating that the Caller Identity service is supported | | | | | | |
| **4** | Confirm that where the terminating line has a caller display facility that the calling number is shown | | | | | | |
| **5** | Clear the call | | | | | | |
| **6** | Repeat the above procedure but precede the IA code with 141 to withhold the CLI | | | | | | |
| **7** | Confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) - (parameter D in the CLI identity field), set to a value of “1”, indicating that the calling line identity may not be released for display purposes | | | | | | |
| **8** | Confirm that the destination line display shows “Withheld” | | | | | | |
| **9** | Clear the call | | | | | | |
| **Contd….** | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | Part | |
| IA1 362 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | 1 of 1 | |
| **Expected Results - Transit Caller Identity is NOT supported by the CP** | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | Message Exceptions | | | Message Sequence*Terminating* | | | | | |
| IAM | **>** |  | |  | All fields as per reference IAM/IFAM except CBI = 1 | | |  |  |  | | |  |
|  | **<** | ACI | |  | Authorisation (ACI interchange with ICC/IRC = 1) | | |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  | SAD(s) | |  |  | | |  |  |  | | |  |
| SAM(s) |  |  | |  |  | | |  |  |  | | |  |
| FAM |  |  | |  |  | | |  |  |  | | |  |
|  |  |  | |  | All fields as per reference IAM/IFAM except CBI = 0 | | |  | IFAM | **>** | | |  |
|  |  |  | |  | All fields as per reference ACM | | |  |  | **<** | | | ACM |
|  | **<** | ACM | |  |  |  |  | | |  |
|  |  |  | |  | All fields as per reference ANS | | |  |  | **<** | | | ANS |
|  | **<** | ANS | |  |  |  |  | | |  |
| Conversation | | | | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | REL | | **>** | |  |
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|  | **<** | REL | |  |  |  |  | |  | |  | |  |
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|  | **<** | CCTF | |  |  |  |  | |  | |  | |  |
| CCTF | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | CCTF | | **>** | |  |
| **Contd….** | | | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | Part | |
| IA1 362 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | 1 of 1 | |
| **Expected Results - Transit Caller Identity is supported by the CP** | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | Message Exceptions | | | Message Sequence*Terminating* | | | | | |
| IAM | **>** |  | |  | All fields as per reference IAM/IFAM except CBI = 1 | | |  |  |  | | |  |
|  | **<** | ACI | |  | Authorisation (ACI interchange with ICC/IRC = 7) | | |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  | SAD(s) | |  |  | | |  |  |  | | |  |
| SAM(s) |  |  | |  |  | | |  |  |  | | |  |
| FAM |  |  | |  |  | | |  |  |  | | |  |
|  |  |  | |  | All fields as per reference IAM/IFAM except CBI = 1 | | |  | IFAM | **>** | | |  |
|  |  |  | |  | CLI (ACI interchange with ICC/IRC = 7)  NB some CPs may collect CLI info by default after the authorisation ACI | | |  |  | **<** | | | ACI |
|  | **<** | ACI | |  |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  |  | |  |  | ACI | **>** | | |  |
|  |  |  | |  | All fields as per reference ACM | | |  |  | **<** | | | ACM |
|  | **<** | ACM | |  |  |  |  | | |  |
|  |  |  | |  | All fields as per reference ANS | | |  |  | **<** | | | ANS |
|  | **<** | ANS | |  |  |  |  | | |  |
| Conversation | | | | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | REL | | **>** | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | REL |
|  | **<** | REL | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | CCTF |
|  | **<** | CCTF | |  |  |  |  | |  | |  | |  |
| CCTF | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | CCTF | | **>** | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| IA1 362 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets (Contd)**

2.3.8 Indirect Access Two Stage

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Test Number | | | | | | **Test Description** | | | | | | | | | | | | | | | | | | | Part | | |
| IA2 371 | | | | | | 3.1khz Call | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | | |
| ISDN | | | | DEL | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a 3.1khz call using the CPs’ Two Stage IA service | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an ACI interchange occurs | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that an ACM and ANS are returned (both with type of answer set to charge) | | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the call from the originating terminal and confirm that a release message is returned from the CP | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | Authorisation | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACI | | | |  | | CLI | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| IA2 372 | | | | | | CAT1 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| ISDN | | | | ISDN | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a CAT 1 call using the CPs’ Two Stage IA service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call terminates with an appropriate CNA reason | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA | | | |  | | 19 (service incompatible) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| IA2 373 | | | | | | CAT2 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| ISDN | | | | ISDN | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a CAT 2 call using the CPs’ Two Stage IA service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an ACI interchange occurs | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that an ACM and ANS are returned (both with type of answer set to charge) | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the call from the originating terminal and confirm that a release message is returned from the CP | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For authorisation | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
| In-band Dial Tone / Account No / DN | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For display purposes (may be requested by default after authorisation) | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS TOA=1 | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 374 | | | | Forced Release On Incomplete Destination Number | | | | | | | 1 of 3 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure - Invalid Account Number** | | | | | | | | | | | |
|  | Attempt to set up a call using the CPs’ Two Stage IA service | | | | | | | | | | |
|  | Confirm that an ACM and an ANS are returned (with a Type of Answer set to Charge) | | | | | | | | | | |
|  | Follow the in band announcements for account number / PIN but omit the final digit of the Account Number | | | | | | | | | | |
|  | Confirm that the call is either released using an appropriate release message sequence, or the caller is prompted to re-enter the account number | | | | | | | | | | |
|  | If applicable, forward release without re-entering, confirming an appropriate release sequence | | | | | | | | | | |
| **Expected Results - Invalid Account Number** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ACM | | | |
| In-band Dial Tone / Voice Prompts | | | | | | |  |  | | | |
| Account No / PIN / DN | | | | | | |  |  | | | |
| Either | | | | | | |  |  | | | |
|  | | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| Or | | | | | | |  |  | | | |
| Announcement | | | | | | |  | e.g. ‘Please re-enter account number’ etc | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 374 Contd | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | 1 of 3 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part |
| IA2 374 | | | Forced Release On Incomplete Destination Number | | | | 2 of 3 |
| **Test Procedure - Invalid Personal Identification Number (PIN)** | | | | | | | |
|  | NB Some CPs do not use a separate PIN number when using CLI validation, if this is the case please skip to Part 3 | | | | | | |
| **1** | Attempt to set up a call using the CPs’ Two Stage IA service | | | | | | |
| **2** | Confirm that an ACM and an ANS are returned (with a Type of Answer set to Charge) | | | | | | |
| **3** | Follow the in band announcements for Account Number / PIN and input the Account Number and all but the final digit of the PIN | | | | | | |
| **4** | Confirm that the call is either released using an appropriate release message sequence, or the caller is prompted to re-enter the PIN | | | | | | |
| **5** | If applicable, forward release without re-entering, confirming an appropriate release sequence | | | | | | |
| **Expected Results - Invalid Personal Identification Number (PIN)** | | | | | | | |
| Message Sequence | | | | |  | Message Exceptions | |
| IFAM | | **>** | |  |  | All fields as per reference IAM/IFAM | |
|  | | **<** | | ACI |  | For authorisation | |
| ACI | | **>** | |  |  |
|  | | **<** | | ACM |  | All fields as per reference ACM | |
|  | | **<** | | ANS |  | All fields as per reference ANS | |
| In-band Dial Tone / Voice Prompts | | | | |  |  | |
| Account No / PIN | | | | |  |  | |
| Either | | | | |  |  | |
|  | | **<** | | REL |  | Reason 48 (Sub Termination) | |
| REL | | **>** | |  |  | Reason 47 (Null) | |
| CCTF | | **>** | |  |  |  | |
|  | | **<** | | CCTF |  |  | |
| Or | | | | |  |  | |
| Announcement | | | | |  | Re-enter PIN number | |
| REL | | **>** | |  |  | Reason 48 (Sub Termination) | |
|  | | **<** | | REL |  | Reason 47 (Null) | |
|  | | **<** | | CCTF |  |  | |
| CCTF | | **>** | |  |  |  | |
| **Contd…** | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 374 Contd | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | 2 of 3 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part |
| IA2 374 | | | Forced Release On Incomplete Destination Number | | | | 3 of 3 |
| **Test Procedure - Invalid Destination Number** | | | | | | | |
| **1** | Attempt to set up a call using the CPs’ Two Stage IA service | | | | | | |
| **2** | Confirm that an ACM and an ANS are returned (with a Type of Answer set to Charge) | | | | | | |
| **3** | Follow the in band announcements for Account Number / PIN / Destination Number, inputting the Account Number, PIN (if applicable) and all but the final digit of the Destination Number | | | | | | |
| **4** | Confirm that the call is either released using an appropriate release sequence, or the caller is prompted to re-enter the DestinationNumber | | | | | | |
| **5** | If applicable, forward release without re-entering, confirming an appropriate release sequence | | | | | | |
| **Expected Results - Invalid Destination Number** | | | | | | | |
| Message Sequence | | | | |  | Message Exceptions | |
| IFAM | | **>** | |  |  | All fields as per reference IAM/IFAM | |
|  | | **<** | | ACI |  | For authorisation | |
| ACI | | **>** | |  |  |
|  | | **<** | | ACM |  | All fields as per reference ACM | |
|  | | **<** | | ANS |  | All fields as per reference ANS | |
| In-band Dial Tone / Voice Prompts | | | | |  |  | |
| Account No / PIN / DN | | | | |  |  | |
| Either | | | | |  |  | |
|  | | **<** | | REL |  | Reason 48 (Sub Termination) | |
| REL | | **>** | |  |  | Reason 47 (Null) | |
| CCTF | | **>** | |  |  |  | |
|  | | **<** | | CCTF |  |  | |
| Or | | | | |  |  | |
| Announcement | | | | |  | Re-enter account destination number | |
| REL | | **>** | |  |  | Reason 48 (Sub Termination) | |
|  | | **<** | | REL |  | Reason 47 (Null) | |
|  | | **<** | | CCTF |  |  | |
| CCTF | | **>** | |  |  |  | |
| **Contd…** | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 374 Contd | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | 3 of 3 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 375 | | | | Forced Release On Unregistered Line | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
|  | NB some CPs do not use separate CLI based authorisation on Two Stage IA in which case this test may be omitted | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service from a line which is not registered with the CP under test as a valid customer line | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. The call is released with an appropriate CNA message followed by a BT announcement or tone 2. An ACM is returned followed by a suitable in band ‘Number Unobtainable’ tone | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (invalid) | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement (local) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS TOA=1 | | | |
| In-Band Announcement | | | | | | |  |  | | | |
|  | | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 375 Contd | | | Forced Release On Unregistered Line | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 376 | | | | Called Subscriber Hold Time Out | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service | | | | | | | | | | |
| **2** | Confirm a further ACM / ANS messages are not sent | | | | | | | | | | |
| **3** | From the called line clear and re-answer the call and confirm that bothway speech is maintained | | | | | | | | | | |
| **4** | Replace the handset on the called line and confirm that a time out occurs after an appropriate interval followed by an appropriate release sequence (first release expected from CP) | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (Optional) | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| In-band Account No / PIN / DN | | | | | | |  |  | | | |
|  | | | **<** | | ACI | |  | CLI (May be collected before ACM by default) | | | |
| ACI | | | **>** | |  | |  |
| In-band Ringing Tone | | | | | | |  |  | | | |
| Conversation | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | On Hold | | | |
|  | | | **<** | | RAN | |  |  | | | |
| Conversation | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | On Hold | | | |
|  | | | | | | |  | Timer | | | |
|  | | | **<** | | REL | |  | Reason 48 (Sub Termination) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| **Cont…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 376 BT | | | Called Subscriber Hold Time Out | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| IA2 377 | | | | | | Called Subscriber Answer Time Out | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| DEL | | | | DEL | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a call using the CPs’ Two Stage IA service (but do not answer) | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm a further ACM message is not sent | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call is released appropriately within 7 minutes | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | Authorisation (Optional) | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | |
| In-band Account No / PIN / DN | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
| In-band Ringing Tone | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI (May be collected before ACM by default) | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 378 | | | | Call to Originating Network ‘Free To Caller’ Number Translation Service | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service | | | | | | | | | | |
| **2** | Confirm that an ACM and ANS are returned, followed by secondary dial tone or voice prompts | | | | | | | | | | |
| **3** | Complete the call set up using in band tones, with the destination number as a non chargeable NTS service on the originating CPs network | | | | | | | | | | |
| **4** | Confirm that either of the following occurs:   1. A suitable in band ‘Number Unobtainable’ type tone or equivalent CPs’ Recorded Announcement is heard (call is forward released by the caller) 2. The call is released with an appropriate REL message (local announcement) followed by and an appropriate release sequence 3. The call completes successfully when answered (a further ANS message is not returned - it is suppressed by the CP) and there is an appropriate release message sequence when the call is cleared from the originating line | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (Optional) | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| In-band Account No / PIN / DN | | | | | | |  |  | | | |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | REL | |  | Reason 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| IA2 378 Contd | | | | Call to Originating Network ‘Free To Caller’ Number Translation Service | | | | | | | | | | | | | | | | 1 of 1 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | |  | |  | | | | | | | | | | | |
| In-Band Announcement | | | | | | | |  | | ANS and ACM suppressed | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| Or iii) | | | | | | | |  | |  | | | | | | | | | | | |
| In-band Ringing Tone | | | | | | | |  | |  | | | | | | | | | | | |
| Conversation | | | | | | | |  | | ANS and ACM suppressed | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 379 | | | | Calls to Busy and Spare Lines | | | | | | | 1 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, where the destination number is busy | | | | | | | | | | |
| **2** | Confirm that either of the following occurs:   1. The call is released with an appropriate REL message followed by a suitable release sequence (Local Announcement / Tone) 2. A suitable in band ‘Engaged’ type tone is heard and the call is forward released by the caller | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (Optional) | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| In-band Account No / PIN / DN | | | | | | |  |  | | | |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | REL | |  | Reason 8 (Number Busy) Local Tone | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
| In-band Busy Tone | | | | | | |  | Further ACM suppressed | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 379 Contd | | | Calls to Busy and Spare Lines | | | | | | | | | | | | | 1 of 2 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 379 | | | | Calls to Busy and Spare Lines | | | | | | | 2 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, where the destination number is spare | | | | | | | | | | |
| **2** | Confirm that either of the following occurs:   1. The call is released with an appropriate CNA message followed by a suitable release sequence (Local Announcement / Tone) 2. A suitable in band ‘unobtainable’ type tone is heard and the call is forward released by the caller | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (Optional) | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| In-band Account No / PIN / DN | | | | | | |  |  | | | |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | REL | |  | Reason 0 (Number Unobtainable Tone) or  57 (Number Not Recognised Announcement ) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
| ‘Unobtainable’ Tone | | | | | | |  | Further ACM Suppressed | | | |
| REL | | | **>** | |  | |  | Reason 48 (Subscriber Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 379 Contd | | | Calls to Busy and Spare Lines | | | | | | | | | | | | | 2 of 2 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | Part |
| IA2 380 | | | | | Malicious Call Intercept | | | | | | | | | | 1 of 1 |
| NTE Type | | | | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | | | | Originating | | | Terminating | | BT🡪CP🡪BT | |
| DEL | | DEL | | | | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, with the Destination Number enabled with MCI or equivalent | | | | | | | | | | | | | | |
| **2** | On the ‘A’ Leg of the call, confirm that the CP switch sends an ACI message requesting Full Calling Line Identity (for validation purposes) and an ANS message (with a Type of Answer set to Charge) to the originating switch | | | | | | | | | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the destination switch sends: i) an ACI message requesting Full Calling Line Identity (for the MCI); ii) an ACM which has the LRPI set (if supported) and iii) an ANS message (with a Type of Answer set to Charge) to the CP switch | | | | | | | | | | | | | | |
| **4** | Answer the call, invoke MCI and confirm that that bothway speech is still possible | | | | | | | | | | | | | | |
| **5** | Forward release the call and confirm that the call releases normally | | | | | | | | | | | | | | |
| **6** | Confirm that a ‘dialling’ tone is available from both phones | | | | | | | | | | | | | | |
| **7** | **Confirm that a record of the MCI request is available, with the CLI, time of call etc recorded** | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | |  | Message Exceptions | | | | |
| IFAM | | | | **>** | | | |  | |  | All fields as per reference IAM/IFAM | | | | |
|  | | | | **<** | | | | ACI | |  | Authorisation (Optional) | | | | |
| ACI | | | | **>** | | | |  | |  |
|  | | | | **<** | | | | ACM | |  | All fields as per reference ACM | | | | |
|  | | | | **<** | | | | ANS | |  | All fields as per reference ANS | | | | |
| In-band Account No / PIN / DN | | | | | | | | | |  |  | | | | |
|  | | | **<** | | | ACI | | | |  | Type | | MCI | | |
| ACI | | | **>** | | |  | | | |  | Type | |
| In-band Ringing | | | | | | | | | |  | Further ACM suppressed | | | | |
| Conversation | | | | | | | | | |  | Further ANS suppressed | | | | |
| REL | | | **>** | | | |  | | |  | Reason 48 (Subscriber Termination) | | | | |
|  | | | **<** | | | | REL | | |  | Reason 47 (Null) | | | | |
|  | | | **<** | | | | CCTF | | |  |  | | | | |
| CCTF | | | **>** | | | |  | | |  |  | | | | |
| **Contd…** | | | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | | Part | |
| IA2 380 Contd | | | Malicious Call Intercept | | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 381 | | | | 999, 112 & 100 Call Treatment | | | | | | | 1 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP  Either 🡪BT(CHC)  Or 🡪CP(CHC) | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, with the destination number = 999 | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. A suitable in band announcement is heard clearly stating “Please Redial without using the IA Code” or similar 2. The call completes successfully to either a BT **OR** CP Emergency Service Call Handling Centre, in which case confirm that the page information is appropriate | | | | | | | | | | |
| **3** | For ii) confirm that on the ongoing section of the call that the Protection Indicator = 1 | | | | | | | | | | |
| **4** | Attempt to forward release the call (this should not be possible), then ask the Emergency Service call centre assistant to release the call and confirm that the call releases appropriately | | | | | | | | | | |
| **5** | Repeat with the destination number = 112 | | | | | | | | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (Optional) | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| In-band Account No / PIN / DN | | | | | | |  |  | | | |
| Then either i) | | | | | | |  |  | | | |
| In-band Announcement | | | | | | |  | Further ACM suppressed | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | |
| IA2 381 Contd | | | | 999, 112 & 100 Call Treatment | | | | | | | | | | | | | | | | | | | 1 of 2 | | |
| **Expected Results Contd** | | | | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | **<** | | ACI | | | |  | | Type 7 (IRC=5) | | | | Basic Service Marks | | | | | | | | | |
| ACI | | | **>** | |  | | | |  | | Type 3 (ICC=5) | | | |
| In-band Ringing CHC | | | | | | | | |  | | Further ACM suppressed | | | | | | | | | | | | | |
| Conversation | | | | | | | | |  | | Further ANS suppressed | | | | | | | | | | | | | |
| CLR | | | **>** | | |  | | |  | | This CLR is suppressed by CP | | | | | | | | | | | | | |
|  | | |  | | |  | | |  | | Wait 30 Seconds | | | | | | | | | | | | | |
| RAN | | | **>** | | |  | | |  | | This RAN is suppressed by CP | | | | | | | | | | | | | |
| Conversation | | | | | | | | |  | |  | | | | | | | | | | | | | |
|  | | | **<** | | | REL | | |  | | Reason 48 (Subscriber Termination) | | | | | | | | | | | | | |
| REL | | | **>** | | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | **>** | | |  | | |  | |  | | | | | | | | | | | | | |
|  | | | **<** | | | CCTF | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | CP |  |  | | Details Below |
|  |  | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | CP |  |  | |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| IA2 381 Contd | | | | 999, 112 & 100 Call Treatment | | | | | | | 2 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP  Either 🡪BT(CHC)  Or CP(CHC) | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, with the destination number = 100 | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. An suitable in band ‘Number Unobtainable’ tone is heard 2. The call completes successfully to a **non BT** Call Handling Centre | | | | | | | | | | |
| **3** | Forward release the call and confirm that the call releases appropriately | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IFAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation (Optional) | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| In-band account no / PIN / DN | | | | | | |  |  | | | |
| Then either i) | | | | | | |  |  | | | |
| In-band announcement / Tone | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
| In-band ringing tone | | | | | | |  | Further ACM suppressed | | | |
| Conversation | | | | | | |  | Further ANS suppressed | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| IA2 381 Contd | | | 999, 112 & 100 Call Treatment | | | | | | | | | | | | | 2 of 2 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part | | |
| IA2 382 | | | Caller Identity Treatment & MF Tones | | | | 1 of 1 | | |
| NTE Type | | | | NTE Conditions | | Direction | | | |
| Originating | | Terminating | | Originating | Terminating | BT🡪CP | |  |  |
| DEL | | DEL | | NN Available  PN Available | Any | CP🡪BT | |  |  |
| Tick As Appropriate | | | |
| **Test Procedure** | | | | | | | | | |
| **MF Tones** | | | | | | | | | |
| **0** | Make and answer a call and confirm the MF tones (key 0 to 9, #, \*) sent by the calling telephone are audible at the called telephone | | | | | | | | |
| **Transit Caller Identity is NOT supported by the CP** | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, from a line set to release the caller’s CLI | | | | | | | | |
| **2** | Confirm that on the ‘A’ leg of the call the CBI (Cross Border Indicator) message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported | | | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the CP switch forwards an IFAM with the CBI message indicator set to a value of “0” indicating that the Caller Identity service not supported | | | | | | | | |
| **4** | Confirm that where the terminating line has a caller display facility that the calling number is shown as “Unavailable” | | | | | | | | |
| **Transit Caller Identity is supported by the CP** | | | | | | | | | |
| **1** | Set up a call using the CPs’ Two Stage IA service, from a line set to release the caller’s CLI | | | | | | | | |
| **2** | Confirm that on the ‘A’ leg of the call the CBI (Cross Border Indicator) message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported | | | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the CP switch forwards an IFAM with the CBI message indicator set to a value of “1” indicating that the Caller Identity service is supported | | | | | | | | |
| **4** | Confirm that where the terminating line has a caller display facility that the calling number is shown | | | | | | | | |
| **5** | Clear the call | | | | | | | | |
| **6** | Repeat the above procedure but precede the IA code with 141 to withhold the CLI | | | | | | | | |
| **7** | Confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) - (parameter D in the CLI identity field), set to a value of “1”, indicating that the calling line identity may not be released for display purposes | | | | | | | | |
| **8** | Confirm that the destination line display shows “Withheld” | | | | | | | | |
| **9** | Clear the call | | | | | | | | |
| **Contd….** | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | Part | |
| IA2 382 Contd | | | Caller Identity Treatment | | | | | | | | | 1 of 1 | |
| **Expected Results - Transit Caller Identity is NOT supported by the CP** | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | Message Exceptions | | | Message Sequence*Terminating* | | | | | |
| IFAM | **>** |  | |  | All fields as per reference IAM/IFAM (CBI = 1) | | |  |  |  | | |  |
|  | **<** | ACI | |  | Authorisation (Optional) | | |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  | **<** | ACM | |  |  | | |  |  |  | | |  |
|  | **<** | ANS | |  |  | | |  |  |  | | |  |
| In-band Account No / PIN / DN | | | | | | | | | | | | | |
|  |  |  | |  | All fields as per reference IAM/IFAM except CBI = 0 | | |  | IFAM | **>** | | |  |
|  |  |  | |  | All fields as per reference ACM | | |  |  | **<** | | | ACM |
|  |  |  | |  | All fields as per reference ANS | | |  |  | **<** | | | ANS |
| Conversation | | | | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | REL | | **>** | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | REL |
|  | **<** | REL | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | CCTF |
|  | **<** | CCTF | |  |  |  |  | |  | |  | |  |
| CCTF | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | CCTF | | **>** | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | Part | |
| IA2 382 Contd | | | Caller Identity Treatment | | | | | | | | | 1 of 1 | |
| **Expected Results – Transit Caller Identity is supported by the CP** | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | Message Exceptions | | | Message Sequence*Terminating* | | | | | |
| IFAM | **>** |  | |  | All fields as per reference IAM/IFAM (CBI = 1) | | |  |  |  | | |  |
|  | **<** | ACI | |  | Authorisation (Optional) | | |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  | **<** | ACM | |  |  | | |  |  |  | | |  |
|  | **<** | ANS | |  |  | | |  |  |  | | |  |
| In-band Account No / PIN / DN | | | | | | | | | | | | | |
|  |  |  | |  | All fields as per reference IAM/IFAM CBI = 1 | | |  | IFAM | **>** | | |  |
|  |  |  | |  | All fields as per reference ACM | | |  |  | **<** | | | ACM |
|  |  |  | |  | All fields as per reference ANS | | |  |  | **<** | | | ANS |
|  |  |  | |  | CLI (ACI interchange with ICC/IRC = 7)  NB some CPs may collect CLI info by default after the authorisation ACI | | |  |  | **<** | | | ACI |
|  | **<** | ACI | |  |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  |  | |  |  | ACI | **>** | | |  |
| In band Ringing | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | REL | | **>** | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | REL |
|  | **<** | REL | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | CCTF |
|  | **<** | CCTF | |  |  |  |  | |  | |  | |  |
| CCTF | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | CCTF | | **>** | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| IA2 382 Contd | | | Caller Identity Treatment | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets (Contd)**

2.3.9 Carrier Pre-Select

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | Part |
| CPS 251 | | | | CAT1 Call | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| ISDN | | ISDN | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a CAT 1 call using the CPs’ Single Stage IA service | | | | | | | | | | |
| **2** | Confirm that ACI & SIM interchanges occur | | | | | | | | | | |
| **3** | Confirm that an ACM and ANS are returned | | | | | | | | | | |
| **4** | Clear the call from the terminating terminal and confirm that a clear message is returned, causing an immediate release to be sent forward which ends the call | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | For display purposes | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | |
| SAM(s) | | | **>** | |  | |  |  | | | |
| FAM | | | **>** | |  | |  |  | | | |
|  | | | **<** | | SIM A | |  | Type 7 ICC= 6 ; IRC= 3 | | | |
| SIM B | | | **>** | |  | |  | Type 2 ICC= 3 ; IRC= 7 | | | |
|  | | | **<** | | SIM C | |  | Type 8 ICC= 7 ; IRC= 0 | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
|  | | | **<** | | CLR | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| CPS 251 Contd | | | CAT1 Call | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| CPS 252 | | | | | | CAT2 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| ISDN | | | | ISDN | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a CAT 2 call using the CPs’ Single Stage IA service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an ACI interchange occurs | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that an ACM and ANS are returned (both with type of answer set to charge) | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the call from the originating terminal and confirm that a release message is returned from the CP | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For authorisation | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACI | | | |  | | For display purposes | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS TOA=1 | | | | | | | | | | | | | |
| Conversation | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| CPS 253 | | | | Forced Release On Incomplete Destination Number | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Attempt to set up a call using the CPs’ Single Stage IA service, inputting and all but the final digit of the destination number | | | | | | | | | | |
| **2** | Confirm that the call is either released using an appropriate release sequence, or the caller is prompted to re-enter the destinationnumber | | | | | | | | | | |
| **3** | If applicable re-enter number then release after conversation | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | For display purposes | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | |
| SAM(s) | | | **>** | |  | |  |  | | | |
| Either | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or | | | | | | |  |  | | | |
| Announcement | | | | | | |  | Re-enter destination number (in band) | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| Conversation | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Sub Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| CPS 253 Contd | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | Part |
| CPS 254 | | | | Forced Release On Unregistered Line | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ CPS service from a line which is not registered with the CP under test as a valid customer line | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. The call is released with an appropriate CNA message followed by a BT announcement or tone 2. An ACM is returned followed by a suitable in band ‘Number Unobtainable’ tone 3. An ACM is returned followed by a suitable CPs in band announcement   Note: If the announcement contains any advertising\* the CP is contractually obliged to provide an ANS message before the announcement is played  **\* Advertising means any form of information identifying the CP** | | | | | | | | | | |
| **3** | For iii), do not hang up, confirm that the call is appropriately released by the CP within a suitable duration. | | | | | | | | | | |
| **4** | Ensure any ANS message returned is chargeable | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation invalid | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| CPS 254 Contd | | | | Forced Release On Unregistered Line | | | | | | | | | | | | | | | | 1 of 1 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM CHI=1 | | | | | | | | | | | |
| ‘Unobtainable’ Tone | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | | | | | |  | | Timer | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| Or iii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1  Only Required if announcement contains “advertising” | | | | | | | | | | | |
| In-Band Announcement | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| CPS 256 | | | | Called Subscriber Hold Time Out | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service | | | | | | | | | | |
| **2** | Answer the call after 2 or 3 rings and confirm an ANS message is sent | | | | | | | | | | |
| **3** | From the called line clear and re-answer the call and confirm that bothway speech is maintained | | | | | | | | | | |
| **4** | Replace the handset on the called line and confirm that a time out occurs after an appropriate interval followed by an appropriate release sequence (first release expected from CP) | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | For display purposes | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | |
| SAM(s) | | | **>** | |  | |  |  | | | |
| FAM | | | **>** | |  | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | |
| Conversation | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | On Hold | | | |
|  | | | **<** | | RAN | |  |  | | | |
| Conversation | | | | | | |  |  | | | |
|  | | | **<** | | CLR | |  | On Hold | | | |
|  | | | | | | |  | Timer | | | |
|  | | | **<** | | REL | |  |  | | | |
| REL | | | **>** | |  | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| CPS 256 Contd | | | Called Subscriber Hold Time Out | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| CPS 258 | | | | | | Called Subscriber Answer Time Out | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT🡪CP🡪BT | | | | |
| DEL | | | | DEL | | | | NN Available  PN Available | | | | | | | | | Any | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up a call using the CPs’ Single Stage IA service (but do not answer) | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call is released appropriately within 7 minutes | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | For authorisation | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACI | | | |  | | For display purposes | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SAD(s) | | | |  | |  | | | | | | | | | | | | | |
| SAM(s) | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| FAM | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| CPS 260 | | | | Calls to Busy and Spare Lines | | | | | | | 1 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, where the destination number is busy | | | | | | | | | | |
| **2** | Confirm that either of the following occurs:   1. The call is released with an appropriate CNA message followed by a suitable release sequence (Local Announcement / Tone) 2. A suitable in band ‘Engaged’ type tone is heard and the call is forward released by the caller | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation invalid | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | Reason 8 (Number Busy Tone) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM CHI=1 | | | |
| In Band ‘Engaged’ Tone | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Subscriber Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| CPS 260 Contd | | | Calls to Busy and Spare Lines | | | | | | | | | | | | | 1 of 2 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| CPS 260 Contd | | | | Calls to Busy and Spare Lines | | | | | | | 2 of 2 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, where the destination number is spare | | | | | | | | | | |
| **2** | Confirm that either of the following occurs:   1. The call is released with an appropriate CNA message followed by a suitable release sequence (Local Announcement / Tone) 2. A suitable in band ‘unobtainable’ type tone is heard and the call is forward released by the caller | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | Reason 0 (Number Unobtainable Tone) or  57 (Number Not Recognised Announcement ) | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| Or ii) | | | | | | |  |  | | | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM CHI=1 | | | |
| ‘Unobtainable’ Tone | | | | | | |  |  | | | |
| REL | | | **>** | |  | |  | Reason 48 (Subscriber Termination) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| CPS 260 Contd | | | Calls to Busy and Spare Lines | | | | | | | | | | | | | 2 of 2 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | | Part |
| CPS 262 | | | | Malicious Call Intercept | | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, with the Destination Number enabled with MCI or equivalent | | | | | | | | | | | |
| **2** | On the ‘A’ Leg of the call, confirm that the CP switch sends: i) an ACI message requesting Full Calling Line Identity (for validation purposes); ii) an ACM with the LRPI Last set (if supported) and iii) an ANS message (with a Type of Answer set to Charge) to the originating switch | | | | | | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the destination switch sends: i) an ACI message requesting Full Calling Line Identity (for the MCI); ii) an ACM which has the LRPI set (if supported) and iii) an ANS message (with a Type of Answer set to Charge) to the CP switch | | | | | | | | | | | |
| **4** | Answer the call, invoke MCI and confirm that that bothway speech is still possible | | | | | | | | | | | |
| **5** | Attempt to hang up the calling party's telephone. If the LPRI bit in the ACM was set to 1, confirm that a Forward Clear (CLR) message is sent. Pick up the calling party's handset and confirm if speech is still possible | | | | | | | | | | | |
| **6** | Replace both handsets, calling party first and confirm that a ‘dialling’ tone is available from both phones | | | | | | | | | | | |
| **7** | **Confirm that a record of the MCI request is available, with the CLI, time of call etc recorded** | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | | |
|  | | | **<** | | ACI | |  | For authorisation | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | SAD(s) | |  |  | | | | |
| SAM(s) | | | **>** | |  | |  |  | | | | |
| FAM | | | **>** | |  | |  |  | | | | |
|  | | | **<** | | ACI | |  | For display purposes | | | | |
| ACI | | | **>** | |  | |  |
|  | | | **<** | | ACI | |  | Type 7 (IRC=1) | | For MCI | | |
| ACI | | | **>** | |  | |  | Type 1 (ICC=1) | |
|  | | | **<** | | ACM | |  | All fields as per reference ACM **LPR=1** | | | | |
|  | | | **<** | | ANS | |  | All fields as per reference ANS | | | | |
| Conversation | | | | | | |  |  | | | | |
| **Contd…** | | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| CPS 262 Contd | | | | Malicious Call Intercept | | | | | | | | | | | | | | | | 1 of 1 | |
| **Expected Results Contd** | | | | | | | | | | | | | | | | | | | | | |
| Last Party Release Supported | | | | | | | |  | |  | | | | | | | | | | | |
| CLR | | | **>** | |  | | |  | | On Hold | | | | | | | | | | | |
|  | | |  | |  | | |  | | Wait 3 Minutes | | | | | | | | | | | |
| RAN | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| Conversation | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 48 (Subscriber Termination) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| Last Party Release **NOT** Supported | | | | | | | |  | |  | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 48 (Subscriber Termination) | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part |
| CPS 265 | | | Caller Identity Treatment & MF Tones | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | NN Available  PN Available | Any |
| **Test Procedure** | | | | | | | |
| **MF Tones** | | | | | | | |
| **0** | Make and answer a call and confirm the MF tones (key 0 to 9, #, \*) sent by the calling telephone are audible at the called telephone | | | | | | |
| **Transit Caller Identity is NOT supported by the CP** | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, from a line set to release the caller’s CLI | | | | | | |
| **2** | Confirm that on the ‘A’ leg of the call the CBI (Cross Border Indicator) message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the CP switch forwards an IFAM with the CBI message indicator set to a value of “0” indicating that the Caller Identity service is not supported | | | | | | |
| **4** | Confirm that where the terminating line has a caller display facility that the calling number is shown as “Unavailable” | | | | | | |
| **Transit Caller Identity is supported by the CP** | | | | | | | |
| **1** | Set up a call using the CPs’ Single Stage IA service, from a line set to release the caller’s CLI | | | | | | |
| **2** | Confirm that on the ‘A’ leg of the call the CBI (Cross Border Indicator) message indicator in the IFAM is set to “1”, indicating that the Caller Identity service is supported | | | | | | |
| **3** | On the ‘B’ Leg of the call, confirm that the CP switch forwards an IFAM with the CBI message indicator set to a value of “1” indicating that the Caller Identity service is supported | | | | | | |
| **4** | Confirm that where the terminating line has a caller display facility that the calling number is shown | | | | | | |
| **5** | Clear the call | | | | | | |
| **6** | Repeat the above procedure but precede the IA code with 141 to withhold the CLI | | | | | | |
| **7** | Confirm that the ACI response from the originating switch has the Identity Qualifier (IQ) - (parameter D in the CLI identity field), set to a value of “1”, indicating that the calling line identity may not be released for display purposes | | | | | | |
| **8** | Confirm that the destination line display shows “Withheld” | | | | | | |
| **9** | Clear the call | | | | | | |
| **Contd….** | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | Part | |
| CPS 265 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | 1 of 1 | |
| **Expected Results - Transit Caller Identity is NOT supported by the CP** | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | Message Exceptions | | | Message Sequence*Terminating* | | | | | |
| IAM | **>** |  | |  | All fields as per reference IAM/IFAM except CBI = 1 | | |  |  |  | | |  |
|  | **<** | ACI | |  | Authorisation (ACI interchange with ICC/IRC = 1) | | |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  | SAD(s) | |  |  | | |  |  |  | | |  |
| SAM(s) |  |  | |  |  | | |  |  |  | | |  |
| FAM |  |  | |  |  | | |  |  |  | | |  |
|  |  |  | |  | All fields as per reference IAM/IFAM except CBI = 0 | | |  | IFAM | **>** | | |  |
|  |  |  | |  | All fields as per reference ACM | | |  |  | **<** | | | ACM |
|  | **<** | ACM | |  |  |  |  | | |  |
|  |  |  | |  | All fields as per reference ANS | | |  |  | **<** | | | ANS |
|  | **<** | ANS | |  |  |  |  | | |  |
| Conversation | | | | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | REL | | **>** | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | REL |
|  | **<** | REL | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | CCTF |
|  | **<** | CCTF | |  |  |  |  | |  | |  | |  |
| CCTF | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | CCTF | | **>** | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | Part | |
| CPS 265 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | 1 of 1 | |
| **Expected Results - Transit Caller Identity is supported by the CP** | | | | | | | | | | | | | |
| Message Sequence*Originating* | | | | | Message Exceptions | | | Message Sequence*Terminating* | | | | | |
| IAM | **>** |  | |  | All fields as per reference IAM/IFAM except CBI = 1 | | |  |  |  | | |  |
|  | **<** | ACI | |  | Authorisation (ACI interchange with ICC/IRC = 7) | | |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  | SAD(s) | |  |  | | |  |  |  | | |  |
| SAM(s) |  |  | |  |  | | |  |  |  | | |  |
| FAM |  |  | |  |  | | |  |  |  | | |  |
|  |  |  | |  | All fields as per reference IAM/IFAM except CBI = 1 | | |  | IFAM | **>** | | |  |
|  |  |  | |  | CLI (ACI interchange with ICC/IRC = 7)  NB some CPs may collect CLI info by default after the authorisation ACI | | |  |  | **<** | | | ACI |
|  | **<** | ACI | |  |  |  |  | | |  |
| ACI | **>** |  | |  |  |  |  | | |  |
|  |  |  | |  |  | ACI | **>** | | |  |
|  |  |  | |  | All fields as per reference ACM | | |  |  | **<** | | | ACM |
|  | **<** | ACM | |  |  |  |  | | |  |
|  |  |  | |  | All fields as per reference ANS | | |  |  | **<** | | | ANS |
|  | **<** | ANS | |  |  |  |  | | |  |
| Conversation | | | | | | | | | | | | | |
| REL | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | REL | | **>** | |  |
|  |  |  | |  |  |  |  | |  | | **<** | | REL |
|  | **<** | REL | |  |  |  |  | |  | |  | |  |
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|  | **<** | CCTF | |  |  |  |  | |  | |  | |  |
| CCTF | **>** |  | |  |  |  |  | |  | |  | |  |
|  |  |  | |  |  |  |  | | CCTF | | **>** | |  |
| **Contd….** | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | | |
| CPS 265 Contd | | | Caller Identity Treatment & MF Tones | | | | | | | | | | | | | 1 of 1 | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | |
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|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | | |
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|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | | | | | | Part |
| CPS 266 | | | Terminating Line Diverted | | | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | If available this test should be made to a diverted CP line. If the CP has no directly connected lines make the call via the Operators CPS service to a 2nd BT line diverted to a 3rd BT line or mobile | | | | | | | | | | | |
| **2** | Make a call from the 1st BT line to the 1st CP line or 2nd BT line. Confirm that the call is diverted to the 2nd CP line or the 3rd BT line/mobile | | | | | | | | | | | |
| **3** | Confirm that the originating caller identity is displayed on the last phone, or is listed as ‘’Unavailable’’ | | | | | | | | | | | |
| **4** | Answer the 2nd or 3rd BT line. Confirm that that speech is of a suitable quality and release the call from the calling party. Confirm call releases appropriately | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | Message Exceptions | | |
| **BT** | | | |  | **CP** | |  | **BT** | |  | | |
| IAM | | | | **>** |  | |  |  | |  | | |
|  | | | | **<** | ACI | |  |  | | For CLI Validation | | |
| ACI | | | | **>** |  | |  |  | |  | | |
|  | | | | **<** | SADs | |  |  | |  | | |
| SAMs | | | | **>** |  | |  |  | |  | | |
|  | | | | **<** | ACM | |  |  | |  | | |
|  | | | |  | IFAM | | **>** |  | |  | | |
| Diversion Announcement | | | | | | | | | | Possible Announcement | | |
| **Contd….** | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | | | | | | | | | Part | | |
| CPS 266 Contd | | | Terminating Line Diverted | | | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | | | | | | | | Message Exceptions | | | | | | | | | |
| **BT** | | | |  | **CP** | | | | | |  | | | **BT** | | |  | | | | | | | | | |
|  | | | |  |  | | | | | | **<** | | | ACI | | | 2nd ACI here for Display Purposes | | | | | | | | | |
|  | | | | **<** | ACI | | | | | |  | | |  | | |  | | | | | | | | | |
| ACI | | | | **>** |  | | | | | |  | | |  | | |  | | | | | | | | | |
|  | | | |  | ACI | | | | | | **>** | | |  | | |  | | | | | | | | | |
|  | | | |  |  | | | | | | **<** | | | ACM | | | CPS CP suppresses 2nd ACM | | | | | | | | | |
|  | | | |  |  | | | | | | **<** | | | ANS | | |  | | | | | | | | | |
|  | | | | **<** | ANS | | | | | |  | | |  | | |  | | | | | | | | | |
| Conversation | | | | | | | | | | | | | | | | |  | | | | | | | | | |
| REL | | | | **>** | |  | | | | | |  | | |  | |  | | | | | | | | | |
|  | | | |  | | REL | | | | | | **>** | | |  | |  | | | | | | | | | |
|  | | | |  | |  | | | | | | **<** | | | REL | |  | | | | | | | | | |
|  | | | | **<** | | REL | | | | | |  | | |  | |  | | | | | | | | | |
|  | | | |  | |  | | | | | | **<** | | | CCTF | |  | | | | | | | | | |
|  | | | | **<** | | CCTF | | | | | |  | | |  | |  | | | | | | | | | |
| CCTF | | | | **>** | |  | | | | | |  | | |  | |  | | | | | | | | | |
|  | | | |  | | CCTF | | | | | | **>** | | |  | |  | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | | | Due to Problem With: | | | | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | | | | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | | | Due to Problem With: | | | | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | | | | | | Part |
| CPS 267 | | | Call Diversion via CP’s CPS Service | | | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any | |
| **Test Procedure** | | | | | | | | | | | | |
| **1** | Use 3 BT lines, A B & C. Line B has been set with call divert on no answer to line C and has also been enabled with national call type CPS for this CP. | | | | | | | | | | | |
| **2** | From line A call line B | | | | | | | | | | | |
| **3** | Confirm that the call is diverted to line C via the CP’s CPS service, and that the LDLI and CLI fields are line B and line A’s network numbers respectively | | | | | | | | | | | |
| **4** | Confirm that number of line A is displayed on line C’s display equipment | | | | | | | | | | | |
| **5** | Forward release the call | | | | | | | | | | | |
| **6** | For Test Case 1a only, confirm that the CP has used the LDLI to charge line B and not line A, by requesting a copy of the billing information for line B | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | Message Exceptions | | |
| **BT** | | | |  | **CP** | |  | **BT\*** | |  | | |
| IFAM | | | | **>** |  | |  |  | | LDLI indicator (NML CTI Flag) = 1 | | |
|  | | | | **<** | ACI | |  |  | | (Type 7, Info code 1) For CLI Validation | | |
| ACI | | | | **>** |  | |  |  | |
|  | | | | **<** | ACI | |  |  | | (Type 7, Info code 11) For LDLI | | |
| ACI | | | | **>** |  | |  |  | |
|  | | | |  | IFAM | | **>** |  | | LDLI indicator (NML CTI Flag) = 1 | | |
|  | | | |  |  | | **<** | ACI | | ACI for Display Purposes, may also be a further ACI for LDLI | | |
|  | | | | **<** | ACI | |  |  | |
| ACI | | | | **>** |  | |  |  | |
|  | | | |  | ACI | | **>** |  | |
|  | | | |  |  | | **<** | ACM | | CPS CP suppresses 2nd ACM | | |
|  | | | |  |  | | **<** | ANS | |  | | |
|  | | | | **<** | ANS | |  |  | |  | | |
| Conversation | | | | | | | | | |  | | |
| **Contd….** | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | | | | | | | Part | | |
| CPS 267 Contd | | | Caller Identity Treatment | | | | | | | | | | | | | | | | | | | 1 of 1 | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | | | | | Message Exceptions | | | | | | | | | | |
| REL | | | | **>** |  | | | | |  | |  | | |  | | | | | | | | | |
|  | | | |  | REL | | | | | **>** | |  | | |  | | | | | | | | | |
|  | | | |  |  | | | | | **<** | | REL | | |  | | | | | | | | | |
|  | | | | **<** | REL | | | | |  | |  | | |  | | | | | | | | | |
|  | | | |  |  | | | | | **<** | | CCTF | | |  | | | | | | | | | |
|  | | | | **<** | CCTF | | | | |  | |  | | |  | | | | | | | | | |
| CCTF | | | | **>** |  | | | | |  | |  | | |  | | | | | | | | | |
|  | | | |  | CCTF | | | | | **>** | |  | | |  | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | | | | |
|  | Completed | | | | |  |  |  | | | | | | | | | | | | | | | |
|  |  | | | | |  |  |  | | | | | | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  |  | | Due to Problem With: | | | | | BT | |  |  | CP |  | |  | Details Below |
|  |  | | | | |  |  |  | | | | | | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  |  | | | | Waiver Reference | | | |  | | | | | | |
|  |  | | | | |  |  |  | | | | | | | | | | | | | | |
|  | Not Completed | | | | |  |  |  | | Due to Problem With: | | | | | BT | |  |  | CP |  | |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | Test Description | | | | | | | Part |
| CPS 268 | | | | Call Treatment On Unsupported Service | | | | | | | 1 of 1 |
| NTE Type | | | | | | NTE Conditions | | | | Direction | |
| Originating | | Terminating | | | | Originating | | | Terminating | BT🡪CP🡪BT | |
| DEL | | DEL | | | | NN Available  PN Available | | | Any |
| **Test Procedure** | | | | | | | | | | | |
| **1** | Set up a call using the CPs’ CPS service to a type of service which is not supported by the CP, e.g. PRS | | | | | | | | | | |
| **2** | Confirm that one of the following occurs:   1. The call is released with an appropriate CNA message followed by a BT announcement or tone 2. An ACM is returned followed by a suitable in band ‘Number Unobtainable’ tone 3. An ACM is returned followed by a suitable CPs in band announcement   Note: If the announcement contains any advertising\* the CP is contractually obliged to provide an ANS message before the announcement is played  **\* Advertising means any form of information identifying the CP** | | | | | | | | | | |
| **3** | For iii), do not hang up, confirm that the call is appropriately released by the CP within a suitable duration. | | | | | | | | | | |
| **4** | Ensure any ANS message returned is chargeable | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | |
| Message Sequence | | | | | | |  | Message Exceptions | | | |
| IAM | | | **>** | |  | |  | All fields as per reference IAM/IFAM | | | |
|  | | | **<** | | ACI | |  | Authorisation invalid | | | |
| ACI | | | **>** | |  | |  |
| Then either i) | | | | | | |  |  | | | |
|  | | | **<** | | CNA | |  | 0=Number Unobtainable Tone or 1=Announcement | | | |
| REL | | | **>** | |  | |  | Reason 47 (Null) | | | |
|  | | | **<** | | REL | |  | Reason 47 (Null) | | | |
|  | | | **<** | | CCTF | |  |  | | | |
| CCTF | | | **>** | |  | |  |  | | | |
| **Contd…** | | | | | | | | | | | |

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| Test Number | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| CPS 268 Contd | | | | Call Treatment On Unsupported Service | | | | | | | | | | | | | | | | 1 of 1 | |
| **Test Procedure Contd** | | | | | | | | | | | | | | | | | | | | | |
| Or ii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM CHI=1 | | | | | | | | | | | |
| ‘Unobtainable’ Tone | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | | | | | |  | | Timer | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| Or iii) | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | ACM | | |  | | All fields as per reference ACM | | | | | | | | | | | |
|  | | | **<** | | ANS | | |  | | All fields as per reference ANS TOA=1  Only Required if announcement contains “advertising” | | | | | | | | | | | |
| In-Band Announcement | | | | | | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | REL | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | |
| REL | | | **>** | |  | | |  | | Reason 47 (Null) | | | | | | | | | | | |
| CCTF | | | **>** | |  | | |  | |  | | | | | | | | | | | |
|  | | | **<** | | CCTF | | |  | |  | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | |
|  | Completed | | | | |  |  | |  | | | | | | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | | |
|  | Completed After Correction | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Completed With Waiver | | | | |  |  | |  | | Waiver Reference | |  | | | | | |
|  |  | | | | |  |  | |  | | | | | | | | | |
|  | Not Completed | | | | |  |  | |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | |

**2.3 Test Procedure & Results Sheets (Contd)**

2.3.10 Dial IP

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 301 IP | | | | | | Basic Call (Point To Point Session Established) | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call (using supplied dialler software where possible) | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the modem “Auto Answers” | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Establish Point To Point session | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | |  | | | Network Number = Available | | | | | | | | | | | | | |
|  | | |  | | | Presentation Number = Available | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | | CLI Request | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | |
|  | | | | | **<** | | ACM | | |  | | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | | All fields as per reference ANS | | | | | | | | | | | | | |
| Communication | | | | | | | | | |  | | |  | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | | | Reason 48 (Sub Termination) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 302 IP | | | | | | CAT1 Call (Point To Point Session Established) | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| ISDN | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a data call (using supplied dialler software where possible) | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Answer (Auto Answer) | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Establish Point To Point Session | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI Request | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SIM A | | | |  | | Type 7 | | | | | | | | | | | | | |
| SIM B | | | | | **>** | |  | | | |  | | Type 2 (Type 5 if NAE are being used) | | | | | | | | | | | | | |
|  | | | | | **<** | | SIM C | | | |  | | Type 8 | | | | | | | | | | | | | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | | |  | | All fields as per reference ANS | | | | | | | | | | | | | |
| Communication | | | | | | | | | | |  | |  | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 48 (Sub Termination) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 303 IP | | | | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call omitting the last digit of CP’s Dial IP service | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call releases to correctly | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Forward release the call | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI Request | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | SAD | | | |  | |  | | | | | | | | | | | | | |
| SAM | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA / REL | | | |  | | Reason 01 (Address Incomplete) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 304 IP | | | | | | Called Party Answer Time Out (Modem Does Not Answer) | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Configure a modem so that it will not answer | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Make a speech call to the modem | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Wait for the called party answer timer to mature | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI Request | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | |  | |  | | | |  | | Timer (Ring Tone to Caller) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 31 (No Reply) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 305 IP | | | | | | Spare Number Range | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call to a CP dial IP service ‘spare’ number range | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | |  | | Network Number = Available | | | | | | | | | | | | | |
|  | | | |  | | Presentation Number = Available | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | | |  | | CLI Request | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | | |  | |
|  | | | | | **<** | | ACM | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA / REL | | | |  | | Reason 57 (Spare Number / Code) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | | Part | |
| 306 IP | | | | | | All Modems Busy | | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | | BT 🡪 CP | | | | |
| DEL | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Ensure that all available modems are busy | | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Make a speech call | | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that an appropriate clearing cause is returned | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | | |
|  | | |  | | | Network Number = Available | | | | | | | | | | | | | | |
|  | | |  | | | Presentation Number = Available | | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | | CLI Request | | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | |
|  | | | | | **<** | | ACM | | |  | | | All Fields As Per Reference ACM | | | | | | | Or **<** SEM | | | | | | | |
|  | | | | | **<** | | CNA / REL | | |  | | | Reason 08 (Busy) | | | | | | |
| REL | | | | | **>** | |  | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | | | If Speech Path Seized On ACM | | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 307 IP | | | | | | Modem Power Failure (Session Established) | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Modem | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a speech call | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the modem “Auto Answers” | | | | | | | | | | | | | | | | | | | | | | | | |
| **3** | | Establish a Point To Point session | | | | | | | | | | | | | | | | | | | | | | | | |
| **4** | | Depower the modem | | | | | | | | | | | | | | | | | | | | | | | | |
| **5** | | Confirm call releases quickly & with appropriate reasons | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | |  | | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | |  | | | Network Number = Available | | | | | | | | | | | | | |
|  | | |  | | | Presentation Number = Available | | | | | | | | | | | | | |
|  | | | | | **<** | | ACI | | |  | | | CLI Request | | | | | | | | | | | | | |
| ACI | | | | | **>** | |  | | |  | | |
|  | | | | | **<** | | ACM | | |  | | | All fields as per reference ACM | | | | | | | | | | | | | |
|  | | | | | **<** | | ANS | | |  | | | All fields as per reference ANS | | | | | | | | | | | | | |
| Communication | | | | | | | | | |  | | |  | | | | | | | | | | | | | |
|  | | | | |  | |  | | |  | | | Power Failure On Modem | | | | | | | | | | | | | |
|  | | | | | **<** | | CLR | | |  | | | Possible, depending on set-up | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | |  | | | Reason 48 (Normal Call Clearing) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | |  | | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | |  | | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | |  | | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | Operator |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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**2.3 Test Procedure & Results Sheets (Contd)**

2.3.11 Paging

Commences on next page.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | Test Description | | | | | | | | | | | | | | | | | | Part | |
| 431 PAG | | | | Successful Call | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | | | |
| Originating | | | Terminating | | Originating | | | | | | Terminating | | | | | | BT 🡪 CP | | | | | | |
| DEL | | | Paging Service | | NN Available | | | | | | Any | | | | | |
| PN Available | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | Make a call to a valid pager number | | | | | | | | | | | | | | | | | | | | | | |
| **2** | If the call is to be answered by at a call centre, confirm | | | | | | | | | | | | | | | | | | | | | | |
|  |  | i) ring tone, if any, is received at a satisfactory level | | | | | | | | | | | | | | | | | | | | | |
|  |  | ii) that the call is answered by an assistant & speech is of an acceptable quality | | | | | | | | | | | | | | | | | | | | | |
|  |  | iii) that you are able to leave your message | | | | | | | | | | | | | | | | | | | | | |
| **3** | If the call is to be answered by automated system, confirm | | | | | | | | | | | | | | | | | | | | | | |
|  |  | 1. ring tone, if any, is received at a satisfactory level | | | | | | | | | | | | | | | | | | | | | |
|  |  | 1. the call is answered and voice prompts are of an acceptable quality and level | | | | | | | | | | | | | | | | | | | | | |
|  |  | 1. You are able to enter your reply number/message by using both tones and if applicable, voice entry | | | | | | | | | | | | | | | | | | | | | |
| **4** | Clear the call from the BT telephone | | | | | | | | | | | | | | | | | | | | | | |
| **5** | Confirm that the circuit has been successfully released | | | | | | | | | | | | | | | | | | | | | | |
| **6** | Repeat for all speech channels | | | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | | |
| Use a different result sheet for each system tested. System:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | Circuit | | | | | | | | | | | | | | | | | |
|  | | | | | | 1 | 2 | 3 | 4 | 5 | | 6 | 7 | 8 | 9 | 10 | | 11 | 12 | 13 | 14 | | 15 |
| Time last digit sent | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| Time RT applied | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| Time of Answer | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| Time Clear Forward | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| CCP State | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
|  | | | | | | Circuit | | | | | | | | | | | | | | | | | |
|  | | | | | | 16 | 17 | 18 | 19 | 20 | | 21 | 22 | 23 | 24 | 25 | | 26 | 27 | 28 | 29 | | 30 |
| Time last digit sent | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| Time RT applied | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| Time of Answer | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| Time Clear Forward | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| CCP State | | | | | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  | |  |
| **Contd….** | | | | | | | | | | | | | | | | | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 431 PAG Contd | | | Successful Call | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 432 PAG | | | | | | CAT1 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Attempt a call from an ISDN terminal in data mode | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm acceptable call termination | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA | | | |  | | 19 (service incompatible) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | Part |
| 433 PAG | | | CAT2 Call | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT 🡪 CP | |
| DEL | | Paging Service | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **1** | From a BT ISDN terminal in telephony mode (SHP=1, CPI=0, Category 2) make a call to a valid pager number | | | | | | |
| **2** | If the call is to be answered at a call centre, confirm:   * 1. ring tone, if any, is received at a satisfactory level   2. the call is answered by an assistant & speech is of an acceptable quality and level   3. You are able to leave your message   If the call is to be answered by automated system, confirm:   1. ring tone, if any, is received at a satisfactory level 2. the call is answered and voice prompts are of an acceptable quality and level 3. You are able to enter your reply number by using both tones and if applicable, voice entry | | | | | | |
| **3** | Clear the call from the BT telephone | | | | | | |
| **4** | Confirm that the circuit has been successfully released | | | | | | |
| **Results** | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time last digit sent |  | | Time RT applied |  | | Time of Answer |  | | Time Clear Forward |  | | CCP State |  | | | | | | | | |
| **Contd….** | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 433 PAG Contd | | | CAT2 Call | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | Part |
| 434 PAG | | | Call to an Invalid Number Range | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT 🡪 CP | |
| DEL | | Paging Service | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **1** | Make a call to the CP’s RP service, but using an invalid “D” digit | | | | | | |
| **2** | Confirm that a tone or announcement is returned from BT or the CP | | | | | | |
| **3** | Clear the call from the BT telephone and confirm successful release of the circuit | | | | | | |
| **Results** | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time first digit sent to RPE |  | | Time last digit sent to RPE |  | | Time Ring tone applied |  | | Time CSA applied |  | | ‘Call clearing’ |  | | Recorded Announcement start time |  | | Time cessation of NU |  | | Time ‘CLR FWD’ condition |  | | Time of ‘CLR acknowledge’ |  | | Time ‘RLSE ACK’ condition |  | | CCP state |  | | | | | | | | |
| **Contd….** | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 434 PAG Contd | | | Call to an Invalid Number Range | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
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|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | Part |
| 435 PAG | | | Back Busying & Alternative Routing | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT 🡪 CP | |
| DEL | | Paging Service | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **1** | Arrange all circuits to be manually back busied from the paging equipment | | | | | | |
| **2** | Confirm that all associated circuits have back-busy conditions | | | | | | |
| **3** | Make a call to a valid number; confirm seizure of the circuits under test does not occur | | | | | | |
| **4** | Confirm either an ‘Equipment Engaged’ type tone or a BT Recorded Announcement is returned from the BT local exchange to the caller or, if provided, the call completes over an alternative routing | | | | | | |
| **5** | Arrange for one of the circuits to be un-busied and confirm that the free condition is applied to all associated circuits | | | | | | |
|  | Make another call to the same number and confirm that seizure of an unblocked circuit has occurred | | | | | | |
| **Results** | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time first digit sent to RPE |  | | Time last digit sent to RPE |  | | Time Ring tone applied |  | | Time CSA applied |  | | ‘Call clearing’ |  | | Recorded Announcement start time |  | | Time cessation of NU | Yes / No | | Time ‘CLR FWD’ condition |  | | Time of ‘CLR acknowledge’ |  | | Time ‘RLSE ACK’ condition |  | | CCP state |  | | | | | | | | |
| **Contd….** | | | | | | | |

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| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 435 PAG Contd | | | Back Busying & Alternative Routing | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
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|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
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|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
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|  | Notes: |  | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 436 PAG | | | | | Forced Release On Incomplete Destination Number | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Dial all bar the last digit of a valid paging number | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that a suitable recorded announcement is returned after expiry of the appropriate timer | | | | | | | | | | | | | | | | | | | | |
| **3** | | Clear the call and confirm successful release of the circuit | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time first digit sent to RPE |  | | Time last digit sent to RPE |  | | Time Ring tone applied |  | | Time CSA applied |  | | ‘Call clearing’ |  | | Time of Recorded Announcement |  | | Time cessation of NU |  | | Time ‘CLR FWD’ condition |  | | Time of ‘CLR acknowledge’ |  | | Time ‘RLSE ACK’ condition |  | | CCP state |  | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 437 PAG | | | | | Terminated Call Treatment | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Call a valid paging number | | | | | | | | | | | | | | | | | | | | |
| **2** | | Upon receipt of ring tone and before the assistant answers, clear the call | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the circuit releases correctly and is free for selection | | | | | | | | | | | | | | | | | | | | |
| **4** | | Repeat but clear the call before all digits are dialled | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time of CSA |  | | Time of ‘£’ |  | | Time of PG end |  | | [Time out =] |  | | Time of Recorded Announcement |  | | Time of NU |  | | Time call cleared |  | | Circuit release OK on ‘A’ party clear? |  | | Time to return IDLE |  | | CCP state |  | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 438 PAG | | | | | CSH Time Out | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a call to valid paging number | | | | | | | | | | | | | | | | | | | | |
| **2** | | After the call has been processed, do not hang up | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call is released after a suitable duration | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time of CSA |  | | Time of ‘£’ |  | | Time of PG end |  | | [Time out =] |  | | Time of Recorded Announcement |  | | Time of NU |  | | Time call cleared |  | | Circuit release OK on ‘A’ party clear? |  | | Time to return IDLE |  | | CCP state |  | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 439 PAG | | | | | Call to an Unallocated Pager Number | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a call to an unallocated pager number | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm a suitable recorded announcement is heard (do not hang up) | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call is released by the CPs equipment. | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Time circuit seized |  | | Time of CSA |  | | Time of ‘£’ |  | | Time of PG end |  | | [Time out =] |  | | Time of Recorded Announcement |  | | Time of NU |  | | Time call cleared |  | | Circuit release OK on ‘A’ party clear? |  | | Time to return IDLE |  | | CCP state |  | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 440 PAG | | | | | CSA Time Out | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a call to a valid paging number but do not have it answered | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm a suitable recorded announcement is heard | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Time of manual back busy |  | | Time of ‘Back Busy’ code |  | | CCP state |  | | Result of call attempt |  | | Time of manual RTS |  | | Time of first ‘FREE’ code |  | | Time of last ‘FREE’ code |  | | PG received for second call | Yes/No | | Clear down sequence OK | Yes/No | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 442 PAG | | | | | Call Treatment on Paging Equipment Failure | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | Paging Service | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Arrange for the CP to fail the retail system (i.e. DASS2 interface card failure) | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that all circuits are back busied at the BT node | | | | | | | | | | | | | | | | | | | | |
| **3** | | If alternative routing has been provided for this service, make a call to a valid paging number and confirm that the call was successfully re-routed and that the audio level is of an acceptable quality | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Time of manual back busy |  | | Time of ‘Back Busy’ code |  | | Time of Recorded Announcement |  | | CCP state |  | | Result of call attempt |  | | Time of manual RTS |  | | Time of first ‘FREE’ code |  | | Time of last ‘FREE’ code |  | | PG received for second call | Yes/No | | Clear down sequence OK | Yes/No | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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**2.3 Test Procedure & Results Sheets (Contd)**

2.3.12 CP Voice Messaging Service

Commences on next page.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 461 VMS | | | | | Normal Operation Divert on Busy | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make the CPs VMS (Voice Messaging Service) Customer’s line busy on another call | | | | | | | | | | | | | | | | | | | | |
| **2** | | Attempt to set up a second call to the Customer’s line | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call diverts to the CPs’ VMS (and that a suitable announcement is played during divert) | | | | | | | | | | | | | | | | | | | | |
| **4** | | Leave a test message | | | | | | | | | | | | | | | | | | | | |
| **5** | | Clear the call | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm divert on busy | Yes | | Confirm diverting message script acceptable | Yes | | Confirm ACM & ANS Chargeable | Yes | | PDD Acceptable | Yes | | Clear releases Normally | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | | Test Description | | | | | | | | | | | | | | | | | | | Part | |
| 462 VMS | | | | | | CAT1 Call | | | | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | | | NTE Conditions | | | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | | | Originating | | | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | | | NN Available | | | | | | | | | Any | | | | |
| PN Available | | | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Attempt a call from an ISDN terminal in Data mode (SHP=1, CPI=0, Category 1) | | | | | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm acceptable call termination | | | | | | | | | | | | | | | | | | | | | | | | |
| **Expected Results** | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Message Sequence | | | | | | | | | | |  | | Message Exceptions | | | | | | | | | | | | | |
| IFAM | | | | | **>** | |  | | | |  | | All fields as per reference IAM/IFAM | | | | | | | | | | | | | |
|  | | | | | **<** | | CNA | | | |  | | 19 (service incompatible) | | | | | | | | | | | | | |
| REL | | | | | **>** | |  | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | REL | | | |  | | Reason 47 (Null) | | | | | | | | | | | | | |
|  | | | | | **<** | | CCTF | | | |  | |  | | | | | | | | | | | | | |
| CCTF | | | | | **>** | |  | | | |  | |  | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | | | |  |  | | Tick As Appropriate | |  | | | | | | | | | | | | |
|  | Completed | | | | | | | |  |  | |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | | | |  |  | |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | | | |  |  | |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | | | |  |  | |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 463 VMS | | | | | CAT2 Call | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make the CPs VMS Customer’s line busy on another call | | | | | | | | | | | | | | | | | | | | |
| **2** | | Attempt to set up a CAT2 call to the customer’s line | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call diverts to the VMS | | | | | | | | | | | | | | | | | | | | |
| **4** | | Leave a test message | | | | | | | | | | | | | | | | | | | | |
| **5** | | Clear the call | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm divert on no answer | Yes | | Confirm diverting message script acceptable | Yes | | PDD Acceptable | Yes | | Clear releases Normally | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 464 VMS | | | | | Normal Operation Divert on No Answer | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make a call to the CPs Customer’s VMS line, but do not answer | | | | | | | | | | | | | | | | | | | | |
| **2** | | Confirm that the call diverts to the CPs’ VMS | | | | | | | | | | | | | | | | | | | | |
| **3** | | Leave a test message | | | | | | | | | | | | | | | | | | | | |
| **4** | | Clear the call | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm divert on no answer | Yes | | Confirm diverting message script acceptable | Yes | | PDD Acceptable | Yes | | Clear releases Normally | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 465 VMS | | | | | Normal Operation All Calls Diverted | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Set up the CPs VMS customer’s line to divert all calls to the CPs’ VMS | | | | | | | | | | | | | | | | | | | | |
| **2** | | Attempt to set up a call to the VMS Customer’s line | | | | | | | | | | | | | | | | | | | | |
| **3** | | Confirm that the call diverts immediately to the VMS | | | | | | | | | | | | | | | | | | | | |
| **4** | | Leave a test message | | | | | | | | | | | | | | | | | | | | |
| **5** | | Clear the call | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm immediate divert | Yes | | Confirm diverting message script acceptable (if any) | Yes | | PDD Acceptable | Yes | | Clear releases Normally | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 466 VMS | | | | | Remote Message Retrieval | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Using a mobile phone dial the CPs VMS (Voice Messaging Service) Customer’s number | | | | | | | | | | | | | | | | | | | | |
| **2** | | After the divert has taken place to the VMS platform confirm that after following remote access procedures that retrieval of the previously deposited test messages can be accomplished (but do not delete them) | | | | | | | | | | | | | | | | | | | | |
| **3** | | After listening to all messages, clear the call from the calling party | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm no ACI Interchange occurs | Yes | | Confirm ACM, ANS and B/W transmission | Yes | | Confirm message(s) can be retrieved | Yes | | Confirm: | | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | IFAM sent with |  | SHP = |  | CT(I) = | |  |  |  |  |  | | Address signals: | |  |  |  | |  |  |  |  |  | | AS1 = 9 |  | AS7 = 1 |  | AS13 = | |  |  |  |  |  | | AS2 = 4 |  | AS8 = 2 |  | AS14 = | |  |  |  |  |  | | AS3 = 4 |  | AS9 = 1 |  | AS15 = | |  |  |  |  |  | | AS4 = |  | AS10 = |  | AS16 = | |  |  |  |  |  | | AS5 = |  | AS11 = |  | AS17 = | |  |  |  |  |  | | AS6 = |  | AS12 = |  | AS18 = | | | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 467 VMS | | | | | Remote Control Options | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make the CPs VMS Customer’s line busy on another call | | | | | | | | | | | | | | | | | | | | |
| **2** | | Using a mobile phone dial the CPs VMS Customer’s number | | | | | | | | | | | | | | | | | | | | |
| **3** | | After the divert has taken place to the VMS confirm that after following the remote access procedures that it is possible to remotely change the greeting message | | | | | | | | | | | | | | | | | | | | |
| **4** | | If voice recognition is supported then this method should be also be used to change the greeting message | | | | | | | | | | | | | | | | | | | | |
| **5** | | Wait for the VMS to release the call | | | | | | | | | | | | | | | | | | | | |
| **6** | | Initiate an identical call and confirm the change has taken effect | | | | | | | | | | | | | | | | | | | | |
| **7** | | Clear the call from the calling party | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm all permissible options can be changed | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
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|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
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|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 468 VMS | | | | | Simultaneous Remote and Local Retrieve | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Using a mobile phone call the CPs VMS Customer’s number | | | | | | | | | | | | | | | | | | | | |
| **2** | | After diversion to the VMS proceed to access the messages remotely | | | | | | | | | | | | | | | | | | | | |
| **3** | | Whilst continuing to listen to the messages remotely, attempt to access the VMS Platform locally from VMS Customer’s own line | | | | | | | | | | | | | | | | | | | | |
| **4** | | Confirm that messages can be reviewed locally and remotely at the same time | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm VMS CPs’ Customer receives a ‘Special Proceed Indication’ when call in progress is cleared | Yes | | Remote & Local retrieval possible simultaneously | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
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|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
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|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
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|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| Test Number | | | Test Description | | | | Part |
| 470 VMS | | | Local Message Retrieval | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT 🡪 CP | |
| DEL | | VMS | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **1** | Initiate a call from CPs VMS Customer line to the VMS Platform | | | | | | |
| **2** | Retrieve and delete one message on the VMS | | | | | | |
| **3** | Clear the call from the Customer | | | | | | |
| **4** | Call the Customer’s number from any phone and allow call to divert to the VMS | | | | | | |
| **5** | Deposit a test message, then clear the connection | | | | | | |
| **6** | Initiate another call from VMS Customer to the VMS Platform | | | | | | |
| **7** | Confirm that by following the local message retrieval procedure that the new message can be clearly re-played, and that the deleted message is no longer available | | | | | | |
| **8** | Clear the call | | | | | | |
| **Results** | | | | | | | |
| |  | | --- | | Confirm: | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | IFAM sent with |  | SHP = |  | CT(I) = | |  |  |  |  |  | |  |  | CBI = |  |  | |  |  |  |  |  | | Address signals: | |  |  |  | |  |  |  |  |  | | AS1 = 9 |  | AS7 = 0 |  | AS13 = | |  |  |  |  |  | | AS2 = 4 |  | AS8 = 3 |  | AS14 = | |  |  |  |  |  | | AS3 = 4 |  | AS9 = 1 |  | AS15 = | |  |  |  |  |  | | AS4 = |  | AS10 = |  | AS16 = | |  |  |  |  |  | | AS5 = |  | AS11 = |  | AS17 = | |  |  |  |  |  | | AS6 = |  | AS12 = |  | AS18 = | |  |  |  |  |  | | Call Information | |  |  |  | |  |  |  |  |  | | ACI 7 |  | IRC = 1 or |  | IRC = 12 | |  |  |  |  |  | | ACI 1 |  | ICC=1 or |  | ICC = 12 | | | | | | | | | |
| **Contd….** | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 470 VMS Contd | | | Local Message Retrieval | | | | | | | | | | | | | 1 of 1 | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 471 VMS | | | | | Local Control Options | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Initiate a call from VMS CPs Customer to the VMS | | | | | | | | | | | | | | | | | | | | |
| **2** | | After the divert has taken place to the VMS confirm that after following the remote access procedures that it is possible to remotely change the Greeting Message | | | | | | | | | | | | | | | | | | | | |
| **3** | | If voice recognition is supported then this method should be also be used to change the Greeting Message | | | | | | | | | | | | | | | | | | | | |
| **4** | | Wait for the VMS to release the call | | | | | | | | | | | | | | | | | | | | |
| **5** | | Confirm that changes made have taken effect satisfactory | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm all permissible options can be changed | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | Part |
| 472 VMS | | | Message Waiting Indication | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT 🡪 CP | |
| DEL | | VMS | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **1** | Using a mobile phone call the CPs VMS Customer’s number | | | | | | |
| **2** | After diversion to the VMS deposit a test message | | | | | | |
| **3** | Release the call | | | | | | |
| **4** | If supported by the VMS, confirm the contents of the messages sent to invoke Special Proceed Indication | | | | | | |
| **5** | Lift the CPs VMS Customer handset (or equivalent) and listen for Special Proceed Indication (which for example could be Stutter Dial Tone). | | | | | | |
| **Results** | | | | | | | |
| |  |  | | --- | --- | | Special Proceed Indication applied on customers’ Line? | Yes | | | | | | | | |
| |  | | --- | | Confirm that the following message parameters are seen: | | | | | | | | |
| |  |  |  | | --- | --- | --- | | **BT** |  | **VMS CP** | | IFAM |  |  | |  |  | ACI 8 | | Need [ISRM(C)] |  |  | |  |  | Need [CRM] | |  |  | CNA | | | | | | | | |
| **Contd….** | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 472 VMS Contd | | | Message Waiting Indication | | | | | | | | | | | | | 1 of 1 | |
| **Results Contd** | | | | | | | | | | | | | | | | | |
| |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | IFAM |  | SHP=3 |  | CT(I)=6 |  | CPI=1 | | |  |  |  |  |  |  |  | | | Called Address = Full national number of Customer | | | | | | | | | | | | | | | | | | | | | | | | |
| |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ACI 8 |  |  | ICC=10 |  | IRC=0 | | |  | |  | |  | | |  |  | | | Message Indicators | |  | NEED Ind=1 | | |  | I/W=0 | | |  | | |  |  | | |  | |  | I/Conn=0 | | |  | Cd Pty Cat= | | | | | | | | | | | | | | | | | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | NEED (CRM) |  | CQ=2 |  | ACK | | | | | | | | | | | | | | | | | | |
| |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | ISRM(C) |  | | SIC=TELE |  | CLC=NET |  | | | | |  | | | | | | | | | | |  | | NSI=\*58B \* LA \* P1 \* P2 # | | | |  | P1 = 1 |  | P2 = 1 or 2 | | | | | | | | | | | | | | | | | | |
| |  | | --- | | IUP CNA = SCT | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | Part |
| 473 VMS | | | Ring Period Control | | | | 1 of 1 |
| NTE Type | | | | NTE Conditions | | Direction | |
| Originating | | Terminating | | Originating | Terminating | BT 🡪 CP | |
| DEL | | VMS | | NN Available | Any |
| PN Available |
| **Test Procedure** | | | | | | | |
| **1** | Initiate a call from CPs VMS Customer’s line to the VMS | | | | | | |
| **2** | Enter into the Customer Options mode | | | | | | |
| **3** | Set the RTNR (Ring Tone No Reply) time out period to approximately 30 seconds (long).  or 15 seconds (medium) if it is already at 30 | | | | | | |
| **4** | Clear the call | | | | | | |
| **5** | Await the NEED call from VMS required to change the RTNR time out setting (P2 parameter), and confirm the DPNSS message values as necessary | | | | | | |
| **6** | Make a call to the CPs VMS Customer’s number and confirm the new time out period has taken effect | | | | | | |
| **7** | Repeat for all time out options offered by the VMS CP | | | | | | |
| **Results** | | | | | | | |
| |  |  | | --- | --- | | Confirm Ring Period Adjusts As Expected? | Yes | | | | | | | | |
| |  | | --- | | Confirm that the following message parameters are seen: | | | | | | | | |
| |  |  |  | | --- | --- | --- | | **BT** |  | **VMS CP** | | IFAM |  |  | |  |  | ACI 8 | | Need [NSI] |  |  | |  |  | Need [CRM] | |  |  | CNA | |  |  |  | | | | | | | | |
| **Contd….** | | | | | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | Test Description | | | | | | | | | | | | | Part | |
| 473 VMS Contd | | | Ring Period Control | | | | | | | | | | | | | 1 of 1 | |
| **Results Contd** | | | | | | | | | | | | | | | | | |
| |  | | --- | | N S I = \* 5 8 B \* L A \* P 1 \* P2 # | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | See BTNR 188  Section 4, Annex 4  Issue 6, Page 3  January 1995  for decode of NSI  character coding. |  |  |  |  | |  | **P2 =** |  | **Time Out Duration** | |  |  |  |  | |  | >60s |  | Other | |  |  |  |  | |  | 21s |  | Med | |  |  |  |  | |  | 12s |  | Short | |  |  |  |  | |  | 0 |  | Immediate | |  |  |  |  | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | |
|  |  | | |  |  | Tick As Appropriate |  | | | | | | | | | | |
|  | Completed | | |  |  |  | | | | | | | | | | |
|  |  | | |  |  |  | | | | | | | | | | |
|  | Completed After Correction | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  | Details Below |
|  |  | | |  |  |  | | | | | | | | | |
|  | Completed With Waiver | | |  |  |  | | Waiver Reference | |  | | | | | |
|  |  | | |  |  |  | | | | | | | | | |
|  | Not Completed | | |  |  |  | Due to Problem With: | | BT | |  |  | CP |  |  |
|  | | | | | | | | | | | | | | | | | |
|  | Notes: |  | | | | | | | | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Test Number | | | | | Test Description | | | | | | | | | | | | | | | | Part | |
| 474 VMS | | | | | Message Notification Call | | | | | | | | | | | | | | | | 1 of 1 | |
| NTE Type | | | | | | NTE Conditions | | | | | | | | | | | | Direction | | | | |
| Originating | | | | Terminating | | Originating | | | | | | | Terminating | | | | | BT 🡪 CP | | | | |
| DEL | | | | VMS | | NN Available | | | | | | | Any | | | | |
| PN Available | | | | | | |
| **Test Procedure** | | | | | | | | | | | | | | | | | | | | | | |
| **1** | | Make the CPs VMS Customer’s line busy on another call. | | | | | | | | | | | | | | | | | | | | |
| **2** | | Using a mobile phone dial the CPs VMS Customer’s number | | | | | | | | | | | | | | | | | | | | |
| **3** | | Allow the call to divert to the VMS and deposit a test message | | | | | | | | | | | | | | | | | | | | |
| **4** | | Release the call | | | | | | | | | | | | | | | | | | | | |
| **5** | | Clear VMS Customer’s ‘busying’ call | | | | | | | | | | | | | | | | | | | | |
| **6** | | Wait for the alert signals that a message is waiting retrieval (but do not respond) | | | | | | | | | | | | | | | | | | | | |
| **7** | | Confirm that the alert is repeated the maximum number of specified times and that the periodicity is correct | | | | | | | | | | | | | | | | | | | | |
| **8** | | Repeat steps 1-3 but do not release the busying call on the VMS Customer’s line | | | | | | | | | | | | | | | | | | | | |
| **9** | | Confirm that the first alert call is sent back to the VMS and that the VMS does not answer this call. | | | | | | | | | | | | | | | | | | | | |
| **10** | | Clear VMS Customer’s ‘busying’ call | | | | | | | | | | | | | | | | | | | | |
| **11** | | Answer the next alert call and confirm the notification (if any) is meaningful | | | | | | | | | | | | | | | | | | | | |
| **Results** | | | | | | | | | | | | | | | | | | | | | | |
| |  |  | | --- | --- | | Confirm correct notification periodicity | Yes | | Confirm correct number of notification calls | Yes | | Confirm message waiting announcement is appropriate | Yes | | Confirm VMS recognises it’s own alert call and does not answer | Yes | | | | | | | | | | | | | | | | | | | | | | | |
| **Conclusion & Observation** | | | | | | | | | | | | | | | | | | | | | | |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | |  |  | Tick As Appropriate |  | | | | | | | | | | | | |
|  | Completed | | | | | |  |  |  | | | | | | | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | | |
|  | Completed After Correction | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  | Details Below |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Completed With Waiver | | | | | |  |  |  | | Waiver Reference | | |  | | | | | | |
|  |  | | | | | |  |  |  | | | | | | | | | | | |
|  | Not Completed | | | | | |  |  |  | Due to Problem With: | | | BT | |  |  | | CP |  |  |
|  | | | | | | | | | | | | | | | | | | | | | | |
|  | Notes: | |  | | | | | | | | | | | | | | | | | | | |
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|  |  |  |
|  | **End of Section 2** |  |

**3 IUP References**

**3.1 Message Library**

Commences on next page.

**IAM**

........ DPC \*\*\*\*\* XX/XXX:I11

........ OPC \*\*\*\*\* YY/YYY:I11

........ CIC 225

00000000 Heading code H0 (0) Forward Address Message

00000000 Heading code H1 (0) IAM Initial Address Message

..000001 Cllg Party Category (1) Ordinary Residential

.0...... EnhancedDiversionInd (0) Enhanced Diversion Not Supported

0....... Reserved 0

.......0 Calling Line ID (0) Calling Line Identity (CLI) not included

......1. CLI Blocking Ind (1) Network Number may (sub. to inter. with CLIR) be disclosed to the called user

.....0.. Internatl Ind (0) No further information on call origin

....0... Interworking Ind (0) No interworking involved

...0.... Priority Access Ind (0) Not priority access call

..0..... Reserved 0

.0...... Meter Delay Guard TO (0) No MDG timeout required

0....... Protection Ind (0) Non-priority, non-protected call

....0000 Svc Handlng Protocol (0) Invoke Basic (telephony) call protocol

...0.... ReleaseProtocolInd (0) OnlyCNAMsg

..0..... Reserved 0

.0...... Long Propagatn Delay (0) LongproptnDelayPathNotIncluded

........ Call Type Ind (0) No Information on call type

.....0.. EchoControlDeviceInd (0) Outgoing half echo control device not included

....0... Ntwk Transl Addr Ind (0) no information

0001.... InterconnectSpecInfo 1

....0010 Routing Control Ind (2) AlternativeRouteAllowedContinuous-RetryBarred

.000.... Call Path Ind (0) Select any available route. The network shall ensure that a 64 kbit/s transmission path with common channel signalling is selected in preference to a non-common channel signalling route.

0....... PresentationNumbeInd (0) Pn not available

...00100 Num Addr Signals 4

000..... PRI (0) Enveloped-ISUP not requested

........ Address signals 1280

0000.... Filler 0

**Variations**

CPC values 1,2 Ordinary, 6,7 ISDN, 3,8,9,10 Payphone, 13 CP.

CBI=0 CLI Blocking not available to the Calling party

PROT=1 Priority access call

SHP/CPI 0/0 speech, 1/0 ISDN speech, 1/2 3.1kHz, 1/1 64kbits

CTI=1 Diverted call

ECD=1 Half echo control device included

NTA=1 Network Translation of the called address has occurred

PRI=1 Enveloped ISUP preferred. NB not seen on IUP only routes.

PNI=1 Presentation Number available

**IFAM**

........ DPC \*\*\*\*\* XX/YYY:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000000 Heading code H0 (0) Forward Address Message

00000001 Heading code H1 (1) IFAM Initial and Final Address Message

..000111 Cllg Party Category (7) ISDN (Business)

.0...... EnhancedDiversionInd (0) Enhanced Diversion Not Supported

0....... Reserved 0

.......0 Calling Line ID (0) Calling Line Identity (CLI) not included

......1. CLI Blocking Ind (1) Network Number may (sub. to inter. with CLIR) be disclosed to the called user

.....0.. Internatl Ind (0) No further information on call origin

....0... Interworking Ind (0) No interworking involved

...0.... Priority Access Ind (0) Not priority access call

..0..... Reserved 0

.1...... Meter Delay Guard TO (1) MDG timeout required

0....... Protection Ind (0) Non-priority, non-protected call

....0001 Svc Handlng Protocol (1) Invoke ISDN call protocol

...0.... ReleaseProtocolInd (0) OnlyCNAMsg

..0..... Reserved 0

.0...... Long Propagatn Delay (0) LongProptnDelayPathNotIncluded

........ Call Type Ind (0) No Information on call type

.....0.. EchoControlDeviceInd (0) Outgoing half echo control device not included

....0... Ntwk Transl Addr Ind (0) no information

0001.... InterconnectSpecInfo 1

....0010 Routing Control Ind (2) AlternativeRouteAllowedContinuous-RetryBarred

.000.... Call Path Ind (0) Select any available route. 1....... PresentationNumbeInd (1) Pn available

...01011 Num Addr Signals 11

000..... PRI (0) Enveloped-ISUP not requested

........ Address signals 07876070548

0000.... Filler 0

**Variations**

CPC values 1,2 Ordinary, 6,7 ISDN, 3,8,9,10 Payphone,13 CP.

CBI=0 CLI Blocking not available to the Calling party

PROT=1 Priority access call

SHP/CPI 0/0 speech, 1/0 ISDN speech, 1/2 3.1kHz, 1/1 64kbits

CTI=1 Diverted call

ECD=1 Half echo control device included

NTA=1 Network Translation of the called address has occurred

PRI=1 Enveloped ISUP preferred. NB not seen on IUP only routes.

PNI=1 Presentation Number available

**ACM**

........ DPC \*\*\*\*\* XX/XXX:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000011 Heading code H0 (3) Backward Set-Up Info Message

00000000 Heading code H1 (0) ACM Address Complete Message

..000111 Clld Party Category (7) ISDN (Business)

00...... Reserved 0

..000000 Reserved 0

.1...... Charge indicator (1) charge

0....... Reserved 0

.......0 Last Party Rel Ind (0) Invoke normal (calling party) release

..00001. Interworking Ind (1) Fully digtl internodal TX path based signalling of cap. C7 IUP/ connecting digital PBX

.0...... Echo Ctrl Device Ind (0) Incoming half echo ctrl device not included

0....... Reserved 0

**Variations**

CPC 1,2,6 or 7

ECD=1 Half echo control device included

For MCI calls LPRI=1 (Invoke last party release)

**ANS**

........ DPC \*\*\*\*\* XX/XXX:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000100 Heading code H0 (4) Call Supervision Message

00000000 Heading code H1 (0) ANS Answer message

....0001 Type of Answer (1) Answer - chargeable

0000.... Reserved 0

**ACI**

........ DPC \*\*\*\*\* XX/XXX:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000111 Heading code H0 (7) Service Information Message

00000100 Heading code H1 (4) ACI Additional Call Info

Additional Call Info (ACI) Message Type 1

00000001 Info contained code (1) Full Calling Line Identity

00000000 Info requested code (0) No Information

........ Reserved 0

.0000000 Reserved 0

0....... CP Indicator (0) No CP involved

......10 Nature Addr Ind (2) National (Significant) number

.....0.. Incomplete Addr Ind (0) Complete Address

....0... Identity Qualifier (0) Line Id may be released to terminal for display purpose

1010.... Num Addr Signals 10

........ Address signals 1473640000

**Information Request or Contained codes, IRC or ICC**

3 Partial CLI, 5 see below, 11 LDLI, 12 Presentation Number

**ACI (ICC=5)**

**(Full CLI with Calling Subscriber’s Basic Service Marks)**

........ DPC \*\*\*\*\* XX/XXX:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000111 Heading code H0 (7) Service Information Message

00000100 Heading code H1 (4) ACI Additional Call Info message

00000101 Info contained code (5) FullCLIWithSubBasicSvcMarkings

00000000 Info requested code (0) No Information

.......0 Adm/MaintCallBarrInd (0) No information

......0. Sub ctl ICB ind (0) No information

.....0.. Prearnged ICB ind (0) No information

....0... Permanent ICB ind (0) No information

...0.... Temp Out of Svc (0) No information

..0..... ICBExceptForOpersInd (0) No information

.0...... ClldSubFacilInfoInd (0) No information

0....... CllgSubFacilInfoInd (0) No information

.......0 Permanent OCB ind (0) No information

......0. OutgoLocCallsBarrInd (0) No information

.....0.. OutgoNatCallsBarrInd (0) No information

....0... OutgoIntCallsBarrInd (0) No information

...0.... CPCallBarrdInd (0) No information

..0..... SuppFacCallBarrdInd (0) No information

.0...... Digit Masking Ind (0) No information

0....... Calls to Premium (0) No information

..000001 Cllg/Clld Tariff Grp 1

.0...... Reserved 0

0....... CP Indicator (0) No CP involved

......10 Nature Addr Ind (2) National (Significant) number

.....0.. Incomplete Addr Ind (0) Complete Address

....0... Identity Qualifier (0) Line Id may be released to terminal for display purpose

1010.... Num Addr Signals 10

........ Address signals 1473640000

**SIM B (64k/bit data)**

........ DPC \*\*\*\*\* XX/XXX:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000111 Heading code H0 (7) Service Information Message

00000001 Heading code H1 (1) SIM ISDN Composite Service Info message

00000011 Info contained code (3) Fac Ind; Svc Ind; Calling DEL ID.

00000111 Info requested code (7) Facility indicator code; Called DEL identity

........ Facility Ind Code (0) No Information

....0000 Data Rate (0) 64000 bit/s

.010.... Type of Information (2) Data

1....... Extension bit (1) more octets in field

.....100 Synchronization Info (4) Synchronous

....0... Duplex Mode (0) Full Duplex (FDX)

...0.... Byte Timing (0) Not Provided

..0..... Data Format (0) Anonymous or unformatted

.0...... Ntwk Indepndnt Clock (0) clock locked to transmission

0....... Reserved 0

00000000 Reserved 0

......10 Nature Addr Ind (2) National (Significant) number

.....0.. Incomplete Addr Ind (0) Complete Address

....0... Identity Qualifier (0) Line Id may be released to terminal for display purpose

1010.... Num Addr Signals 10

........ Address signals 1473640000

**Variations**

**ISDN Speech – Service Indicator Code**

....0000 Speech Char’istics (0) A-Law64kbit/s (Category2)DigitalOrAnalogueRouteing

.001.... Type of Information (1) Speech

0....... Extension bit (0) no more octets in field

.....000 Synchronization Info (0) Multisampled Asynchronous (NoTerminalAttribute)

....0... Duplex Mode (0) Full Duplex (FDX)

..00.... Data Format (0) Unspecified number of data bits

.0...... Flow Control (0) TA does not have capability

0....... Reserved 0

00000000 Reserved 0

# ISDN 3.1kHz – Service Indicator Code

....1000 Speech Char’istics (8) 3.1 kHz Audio

.001.... Type of Information (1) Speech

0....... Extension bit (0) no more octets in field

.....000 Synchronization Info (0) Multisampled Asynchronous (NoTerminalAttribute)

....0... Duplex Mode (0) Full Duplex (FDX)

..00.... Data Format (0) Unspecified number of data bits

.0...... Flow Control (0) TA does not have capability

0....... Reserved 0

00000000 Reserved 0

**3.2 Message Glossary**

ACI Additional Call Information

ACM Address Complete Message

ACR Anonymous Call Rejection

ASUI Additional Set-Up Information

CLR Clear

CNA Connection Not Admitted

EIM Enveloped ISUP Message

EISM Enveloped ISUP Segmented Message

FAM Final Address Message

IAM Initial Address Message

IFAM Initial & Final Address Message

IRC Information Requested Code

ISC Interconnect Sub Committee

PNM Protocol Negotiation Message

PRI Protocol Request Indicator

SAD Send All Digits message

SAM Subsequent Address Message

SASUI Send Additional Set Up Information

**3.3 Basic Service Marks**

**Type 5 ACI with Calling Subscriber’s Basic Service Marks**

........ DPC \*\*\*\*\* XX/XXX:I1

........ OPC \*\*\*\*\* YY/YYY:I1

........ CIC 225

00000111 Heading code H0 (7) Service Information Message

00000100 Heading code H1 (4) ACI Additional Call Info message

00000101 Info contained code (5)FullCLIWithSubBasicSvcMarkings 00000000 Info requested code (0) No Information

.......0 Adm/MaintCallBarrInd (0) No information

......0. Sub ctl ICB ind (0) No information

.....0.. Prearnged ICB ind (0) No information

....0... Permanent ICB ind (0) No information

...0.... Temp Out of Svc (0) No information

..0..... ICBExceptForOpersInd (0) No information

.0...... ClldSubFacilInfoInd (0) No information

0....... CllgSubFacilInfoInd (0) No information

.......0 Permanent OCB ind (0) No information

......0. OutgoLocCallsBarrInd (0) No information

.....0.. OutgoNatCallsBarrInd (0) No information

....0... OutgoIntCallsBarrInd (0) No information

...0.... OperatorCallBarrdInd (0) No information

..0..... SuppFacCallBarrdInd (0) No information

.0...... Digit Masking Ind (0) No information

0....... Calls to Premium (0) No information

..000001 Cllg/Clld Tariff Grp 1

.0...... Reserved 0

0....... Operator Indicator (0) No operator involved

......10 Nature Addr Ind (2) National (Significant) number

.....0.. Incomplete Addr Ind (0) Complete Address

....0... Identity Qualifier (0) Line Id may be released to terminal for display purpose

1010.... Num Addr Signals 10

........ Address signals 1473640000

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|  | **End of Section 3** |  |

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| END OF  IUP SERVICES OTM |
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