COMMUNICATIONS
ALLIANCE LTD

INDUSTRY GUIDELINE

MOBILE NUMBER PORTABILITY - IT TEST PLAN

G593:2009

G593:2009 Mobile Number Portability - IT Test Plan

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Communications Alliance Ltd (formerly Australian Communications Industry Forum Ltd) was formed in 2006 to provide a unified voice for the Australian communications industry and to lead it into the next generation of converging networks, technologies and services.

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1 GENERAL

1.1 Introduction

1.1.1 The purpose of this document is to provide the basis of the framework for new Participants to undertake successful MNP IT industry testing. This applies to Mobile Carriers and Network Providers, Portability Service Suppliers in regard to Mobile Number Portability (MNP).

1.1.2 The objective of this document is to specify a standard level of IT testing is carried out between all current Participants and new Participants. The document will make clear what is expected from each Participant and what will be considered successful MNP IT industry testing.

1.1.3 This document should be read in conjunction with ***Mobile Number Portability - IT Test Strategy*** Industry Guideline (G592:2009). Where there is a discrepancy between the Test Strategy and the Test Plan, the MNP Test Plan will take precedence.

1.2 Scope

1.2.1 This document will cover the test components required for a new Participant to successfully complete MNP IT industry testing with all current Participants.

1.2.2 There are three phases of testing that will be required to be successfully completed in the following order:

(a) PIPN Testing

(b) Message Layer Testing

(c) Application Layer Testing

1.2.3 All Participants must be involved in the PIPN and Message Layer Testing. Where the new Participant is not a Mobile Carrier, participation in Application Layer Testing is not compulsory for current Network Providers or Portability Service Suppliers. This is due to the fact that Network Providers or Portability Service Providers do not exchange messages at the Application Layer, but do communicate at the PIPN and Message Layer (e.g. Node Ready messages).

1.2.4 This document also contains a test execution schedule which can be used as a guideline for bilateral testing between a new Participant and a current Participant.

1.3 Objectives

1.3.1 The objective of PIPN Testing is to ensure:

(a) the PIPN connectivity of all Participants up to and including the firewall configuration is operational; and

(b) the PIPN is ready to support Message Layer Testing.

1.3.2 The objective of Message Layer Testing is to ensure:

(a) that each Participant is able to establish connection and exchange MNP messages with the new Participant; and

(b) the MNP Messaging Platform is ready for Application Layer Testing.

1.3.3 The objective of Application Layer Testing is to ensure:

(a) messages and transactions are passed correctly between the relevant Participants; and

(b) format and content is correct.

1.4 Deliverables

The key deliverables that will be developed using this document are documented and agreed:

(a) test scenarios;

(b) test cases and data; and

(c) test execution schedules.

1.5 Guideline Review

Review of the Guideline will be conducted after 12 months from publication and every five years subsequently.

1.6 2009 Revision

In 2009, the Mobile Number Portability Code was revised. At that time all associated Mobile Number Portability documents were republished as Communications Alliance documents to reflect the change of organisational name from ACIF. Where relevant any references to other documents have also been updated.

2 DEFINITIONS AND INTERPRETATIONS

2.1 Definitions

For the purposes of the Guideline, the following definitions apply:

*NOTE: If terms are not defined in this document, the definitions as per the **Mobile Number Portability** Industry Code (C570:2009) will apply.*

Actual Results

mean results generated as a product of executed tests.

Application Layer Testing

means testing performed between two or more Participants to determine correct operation of message transfer systems and passing of correct data.

Expected Results

mean results that should be produced by the system if operating according to the given specifications.

Incident Report

means a report outlining any incidents raised or noted during testing.

MNP Test Co-ordination Group

means the Communications Alliance sub-committee established to manage all aspects of industry Application Layer Testing for MNP.

Multilateral Agreements

mean agreements between two or more Participants for MNP test plans in agreement with this overall test strategy.

Participant

means those parties involved in MNP including any Carrier, CSP, or PSS that interconnects with the PIPN to either send or receive Porting transactions.

Private IP Network (PIPN)

means a transmission network that interconnects all Participants and provides a common network layer service.

Ported Number Registers

means two downloadable files, one of which is a register of Portable MSNs, the other is a register of allocated MSNs.

Regression Test

means a test to confirm existing functionality in a new release.

Test Case

means a collection of test conditions with specified input data values, expected and actual results.

Test Condition

means a business/technical/control requirement that is to be tested.

Test Cycle

means a logical grouping of Test Conditions for administrative and monitoring purposes.

Test Data

means data to support Test Cases.

Test Documentation

includes Test Cases, Test Data, Test Execution Schedule and Expected Results.

Test Execution Schedule

means a schedule of testing activities.

Test Strategy

means the method testing given software, the testing plan of action.

Test Verification

means the process of confirming from expected results and actual results that the system is working according to specifications.

2.2 Interpretations

In the Guideline, unless the contrary appears:

(a) a reference to a statute, ordinance, code or other law includes regulations and other instruments under it and consolidations, amendments, re-enactments or replacements of any of them;

(b) words in the singular includes the plural and vice versa;

(c) words importing persons include a body whether corporate, politic or otherwise;

(d) a reference to a person includes a reference to the person's executors, administrators, successors, officer, employee, volunteer, agent and/or subcontractor (including but not limited to, persons taking by novation) and assigns;

(e) if a period of time is specified and dates from a given day or the day of an act or event, it is to be calculated exclusive of that day; and

(f) a reference to a day is to be interpreted as the period of time commencing at midnight and ending 24 hours later.

3 TEST OBJECTIVES

3.1 PIPN

The objective of PIPN Testing is to ensure:

(a) the connectivity of all Participants up to and including the firewall configuration is operational;

(b) the PIN is ready to support Message Layer Testing; and

(c) compliance with ***Mobile Number Portability- IT Specification, Part 3: Common Network*** Industry Guideline (G573.3:2009).

3.2 Message Layer

The objective of Message Layer Testing is to ensure:

(a) that each Participant is able to establish connection and exchange MNP messages with the new Participant; and

(b) the MNP Messaging Platform is ready for Application Layer Testing

(c) compliance with ***Mobile Number Portability - IT Specification, Part 2: Architecture and Messaging Requirements*** Industry Guideline (G573.2:2009).

3.3 Application Layer

The objective of Application Layer Testing is to ensure:

3.3.1 messages and transactions are passed correctly between the relevant Participants;

3.3.2 format and content are correct;

3.3.3 transactions are sent and processed in the correct sequence;

3.3.4 transactions are correctly accepted or rejected; and

3.3.5 compliance with the requirements of the ***Mobile Number Portability*** Industry Code (C570:2009) and ***Mobile Number Portability - IT Specification, Part 1: Transaction Analysis*** Industry Guideline (G573.1:2009).

4 TEST SCOPE

The test scope is detailed in the ***Mobile Number Portability - IT Test Strategy*** Industry Guideline (G592:2009).

5 DELIVERABLES

5.1 Test Scenarios and Test Cases

The test scenarios and test cases for each testing phase are detailed in Appendix E and F. The number of test cases to be executed will depend on whether a new Participant is testing with all other current Participants concurrently, or with one other Participant on a bilateral basis.

5.2 Test Execution Schedule

5.2.1 PIPN - refer Appendix H.

5.2.2 Message Layer – refer Appendix I.

5.2.3 Application Layer – refer Appendix J.

5.2.4 Bilateral Testing Guideline – refer Appendix K.

5.3 Test Results

5.3.1 Each Participant is to record the results from each test case.

5.3.2 These results are to be consolidated in the daily Test Status Report distributed to the Test Co-ordinator.

5.3.3 Each Participant will record results in sufficient detail to support Incident Reporting and issues management.

5.4 Test Status Report

5.4.1 Each day, the Test Manager of each Participant is to produce a Test Status Report outlining the progress of the testing against the Test Execution Schedule, and any Incident Reports raised or closed.

5.4.2 This report is to be forwarded to the Test Co-ordinator at the conclusion of each day's testing.

5.4.3 A template for the Test Status Report is attached at Appendix B.

5.5 Test Summary Report

5.5.1 Weekly and at the conclusion of the testing, the Test Co-ordinator will produce a Test Summary Report.

5.5.2 A sample content of the Test Summary Report is attached at Appendix M.

6 TEST STRATEGY

6.1 Overall Approach

6.1.1 The MNP IT Test Strategy contains a detailed outline of the MNP Test Strategy. In summary, the testing will be conducted in three phases:

(a) PIPN Testing

(b) Message Layer Testing

(c) Application Layer Testing

6.1.2 Successful completion of PIPN testing is a pre-requisite to commencement of Message Layer Testing.

6.1.3 Similarly, successful completion of Message Layer Testing is a pre-requisite of Application Layer testing.

6.2 Test Focus

6.2.1 The focus of all MNP IT industry testing is to ensure that new Participants are compliant with the applicable MNP Specifications.

6.2.2 Detailed transaction specifications are outlined in:

(a) ***Mobile Number Portability - IT Specification, Part 1: Transaction Analysis*** Industry Guideline (G573.1:2009)

(b) ***Mobile Number Portability - IT Specification, Part 2: Architecture and Messaging Requirements*** Industry Guideline (G573.2:2009)

(c) ***Mobile Number Portability - IT Specification, Part 3: Common Network*** Industry Guideline (G573.3:2009)

6.3 Regression Strategy

6.3.1 In case of any incident found, alterations of the Test Execution Schedule may occur to allow time for program modifications.

6.3.2 All impacted Participants must agree any changes to the Test Execution Schedule. However, any unsuccessful test cases will be executed again.

6.3.3 Depending upon the severity of the error detected, the options are to re-execute:

(a) a Test Cycle; or

(b) specific Test Cases within a Test Cycle.

6.3.4 Regression testing may be undertaken where appropriate. The test focus will be either to ensure there is no regression of existing

results, or to ensure the fix is successful and that the Test Case can be passed. The extent of the regression testing will be agreed between Test Managers.

6.4 Change Management

The ***Mobile Number Portability - IT Test Strategy*** Industry Guideline (G592:2009) contains a detailed section on change management.

6.5 Entry Criteria

6.5.1 PIPN

The entry criteria to commence PIPN testing are:

(a) Bilateral Agreement (where required) in place with all current Participants;

(b) Test interconnectivity of virtual routers provided by the PIPN provider(s);

(c) Connectivity between the PIPN and the Participant;

(d) Each Participant will ensure that their host name can be resolved to the correct IP address;

(e) All Participants must exchange details of the Common Names in the Digital Certificates that are to be used for MNP IT industry testing with all other relevant Participants;

(f) SSL Certificate installed on each Participant's server;

(g) Redundancy routing;

(h) Priority schemes agreed with the PIPN provider; and

(i) Adherence to ***Mobile Number Portability - IT Specification, Part 2: Architecture and Messaging Requirements*** Industry Guideline (G573.3:2009) and ***Mobile Number Portability- IT Specification, Part 3: Common Network*** Industry Guideline (G573.3:2009).

6.5.2 Message Layer

The entry criteria to commence Message Layer testing are:

(a) to meet exit criteria from PIPN Testing; and

(b) all Participants must have loaded details of the Common Names in the Digital Certificates that are to be used by Participants into their systems in accordance with ***Mobile Number Portability- IT Specification, Part 2: Architecture and Messaging Requirements*** Industry Guideline (G573.2:2009).

6.5.3 Application Layer

The entry criteria to commence Application Layer Testing are:

(a) to meet exit criteria from Message Layer Testing; and

(b) new Participant(s) to confirm they have completed building and internal testing of an MNP application in accordance with ***Mobile Number Portability- IT Specification, Part 1: Transaction Analysis*** Industry Guideline (G573.1:2009).

6.6 Exit Criteria

The exit criteria from each phase of testing are:

(a) all test cases executed, results evaluated and approved by each Participant as detailed in the applicable appendices in this document.

(b) no severity 1 or severity 2 Incident Reports are outstanding.

(c) outstanding severity 3 Incident Reports have been reviewed and evaluated by the MNP Test Co-ordination Group.

(d) the systems meet the requirements of the applicable part of the ***Mobile Number Portability- IT Specification*** Industry Guideline (G573:2009).

(e) the Test Summary Report has been agreed by all Participants

7 TEST ENVIRONMENT

7.1 Test Environment

7.1.1 Each Participant is responsible for developing and maintaining their own test environment.

7.1.2 The test environments should replicate the production environment within the Participant's organisation as closely as possible.

7.1.3 Each Participant must ensure their Industry IT test environments are compliant.

7.1.4 The data transfer mechanisms to be used for production should also be used for testing.

7.1.5 Each Participant will internally test message creation, dates, naming conventions, validation of header/trailer and sequential numbering.

8 TEST MANAGEMENT

8.1 Roles and Responsibilities

The Test Co-ordinator will maintain a listing of all contact points during testing as per the template at Appendix L of this Plan. Refer to the ***Mobile Number Portability - IT Test Strategy*** Industry Guideline (G592:2009) for details on the roles and responsibilities.

8.2 Task Management

All Test Cases are to be performed in accordance with the defined Test Execution Schedule. Refer to Appendices H, I and J.

8.3 Test Preparation

8.3.1 Each Participant is responsible for being ready to commence MNP IT industry testing on the planned date. This includes being fully prepared to execute each test case.

8.3.2 Failure to be fully ready to commence testing will be escalated to the MNP Test Co-ordination Group.

8.3.3 Each Participant is responsible for providing appropriate environment, test data and supporting resources.

8.3.4 All Participants will ensure the entry criteria have been met.

8.4 Test Cases and Data

8.4.1 Test Cases and expected results are documented in Appendix F.

8.4.2 A template for Test Data is documented in Appendix G.

8.4.3 Not all reject codes defined in the ***Mobile Number Portability - IT Specification*** Industry Guideline (G573:2009) are to be tested. This is due to manual intervention, system manipulation or internal testing being required. It is expected that all reject codes will be tested internally by each Participant. Appendix D lists reject codes that will be tested between Participants.

8.5 Test Execution Schedule

8.5.1 PIPN - refer Appendix H.

8.5.2 Message Layer – refer Appendix I.

8.5.3 Application Layer – refer Appendix J.

8.5.4 Bilateral Testing Guideline – refer Appendix K.

8.6 Test Execution

The Test Manager of each Participant is responsible for ensuring that all Test Cases are performed in accordance with the Test Execution Schedule. The process to be followed is outlined below:

TABLE 1
Test Execution Process

Process	Method
Test Data preparation	Internal
Test Cycle execution	Internal
Test results gathering and analysis	Internal
Status reporting	Template and daily conference call (see Appendix B)
Incident Report tracking	Template (see Appendix C)

8.7 Test Results

8.7.1 Results Verification and Documentation

8.7.1.1 The Test Results, either pass or fail, are to be recorded. These results will be consolidated to produce the Test Status Report.

8.7.1.2 The actual results will be compared to the expected results for any differences. If the actual results are different from expected results then it is the responsibility of the Test Analyst to investigate.

8.7.1.3 Any differences that are not explained by human error - eg invalid inputs, incorrect interpretation of the ***Mobile Number Portability - IT Specification*** Industry Guidelines (G573.1:2009; G573.1:2009; G573.3:2009) will be raised as an Incident Report and the procedure as per Clause 8.8.1 of this document will be followed.

8.7.2 Pass/Fail Criteria

8.7.2.1 Test Cases pass when the actual results match the expected results. Test Cases may also pass when any variance between actual results and expected results can be satisfactorily explained.

8.7.2.2 Test Cases fail when unexplained variances occur between the actual results and the expected results.

8.8 Problem Management

8.8.1 Incident Reporting (IR) Process

The following processes will be used for all Incident Reporting and management:

(a) Each Participant will record all errors into an Incident Report so that incidents can be tracked. A sample Incident Report is contained at Appendix A.

(b) All Incident Reports must be raised within the agreed period of time following the test execution.

(c) Incident Reports raised outside the agreed period of time following execution of the test will be reviewed on an exception basis.

(d) A unique reference number must be assigned to each Incident Report. (e.g IR-TEL-0001, IR-ORA-0001). The range for each Incident Report is outlined in Clause 8.8.4.

(e) When a Participant identifies an incident during MNP IT industry testing, the Test Manager for that Participant will determine the severity of the incident. The Test Manager for that Participant will advise by phone, and follow up with e-mail, all associated information to the other Test Managers and for Severity 1 and 2 incidents.

(f) Severity classifications will be reviewed at the daily conference call.

(g) Each Test Manager reports to the Test Co-ordinator on a daily basis on all open and closed Incident Reports in the Test Status Report.

(h) The Test Co-ordinator will ensure all IRs are logged centrally and this log is distributed to all Participants.

(i) The originating Participant of the IR is responsible for the timely closure of the IR.

(j) Once a Participant has corrected the incident, the Test Manager for that Participant will phone, and follow up with e-mail, all associated information to the other Test Managers, the Test Co-ordinator and (if previously escalated) to the MNP Test Co-ordination Group, for Severity 1 and 2 incidents. Severity 3 incidents will be reported during the daily conference call.

8.8.2 Severity Levels

The following severity levels will apply to incidents during industry MNP Testing:

Severity 1: Major failure or systems amend causes testing to stop, pending problem resolution.

Severity 2: Error with no acceptable circumvention. Limited testing continues.

Severity 3: Error with acceptable circumvention. Test execution continues.

8.8.3 Incident Resolution Timeframes

8.8.3.1 Incident turn around times are critical due to the testing time frame and the nature of the transactions being tested. If by thirty minutes after the planned test schedule a receiving Participant has not received the expected transactions then they must contact the sending Participant to initiate resolution. All test Participants must then be notified of any issues and the resolution. Failure to meet planned test schedules should be raised at the daily conference call or as an Incident Report.

8.8.3.2 If an incident prevents the transactions being sent then the fault must be rectified and the transactions sent prior to the next processing period.

TABLE 2

Target Resolution Times

Severity	Response	Target Resolution (elapsed time)
1	1 hour	2 hours
2	1 hour	24 hours
3	1 hour	48 hours

8.8.3.3 The above timeframes are the target resolution timeframes and every effort should be made to meet these. However, it is recognised that this may not be achievable in all cases.

8.8.4 Incident Numbering

As each Participant raises incidents, a unique incident number is to be allocated. The table below is illustrative of the sequential incident numbering scheme to be used by the Participants.

TABLE 3

Incident Numbering Scheme

Participant	Number Range
ABC	IR-ABC-0001 to IR-ABC-9999

8.9 Escalation Hierarchy

The escalation path is detailed in the table below.

TABLE 4
Escalation Path

Escalation Path	Action
Test Analyst	• Identifies need for escalation
Test Manager	• Identifies need for escalation • Severity 1 and 2 incidents to be reported to all Test Managers and to the Test Co-ordinator • All other escalations are raised at the daily conference call
Test Co-ordinator(s)	• Unresolved Severity 1 and 2 incidents within the required timeframes to be reported to the MNP Test Co-ordination Group • Raises any issues that cannot be resolved or have a critical impact on MNP IT industry testing to the Escalation Contact
Escalation Contact	• Liaise with Test Co-ordinators and other Escalation Contacts of other Participants to resolve MNP IT industry testing issues.
MNP Test Co-ordination Group	• Any issues related to interpretation of the ***Mobile Number Portability - IT Specification*** Industry Guideline (G573:2009) • Modifications to the MNP IT Test Plan • Any jeopardy to the Test Schedule and the test completion date raised to the relevant Communications Alliance Committee

8.10 Reporting Requirements

8.10.1 Test Meetings

8.10.1.1 All testing will be performed in accordance with the Test Schedule as outlined at Appendix H.

8.10.1.2 At the conclusion of each test day the Test Managers of all Participants will attend a conference call to outline the overall testing results for the tests performed.

8.10.1.3 The Test Co-ordinator will facilitate and chair this conference call.

8.10.2 Test Status Report

8.10.2.1 At the conclusion of each test day the Test Manager of each Participant will prepare a daily Test Status Report

and make this available for the conference call to discuss the test results.

8.10.2.2 The Test Co-ordinator will produce a consolidated daily Test Status Report. This report will be distributed to all Test Managers and the MNP Test Co-ordination Group.

8.10.3 Test Summary Report

8.10.3.1 The Test Co-ordinator will produce a Weekly Test Summary Report. This report will be distributed to the Test Managers and the MNP Test Co-ordination Group.

8.10.3.2 The Test Co-ordinator will also produce a final Test Summary Report. This report must be produced and tabled at the Communications Alliance MNP Test Co-ordination Group within five business days of the completion of each phase of MNP IT industry testing.

9 ACCEPTANCE

A Participant in MNP IT industry testing that meets the exit criteria for each phase of testing as detailed in this Test Plan has successfully completed MNP IT industry testing.

10 REFERENCES

Publication	Title
Industry Codes	
C570:2009	Mobile Number Portability
Industry Guidelines	
G573.1:2009	Mobile Number Portability - IT Specification, Part 1: Transaction Analysis
G573.2:2009	Mobile Number Portability - IT Specification, Part 2: Architecture and Messaging Requirements
G573.3:2009	Mobile Number Portability - IT Specification, Part 3: Common Network
G592:2009	Mobile Number Portability - IT Test Strategy
Industry Documents	
Telecommunications Act 1997	

APPENDIX

A Incident Report Template

To:		**Fax No:**	
Participant:		**Email:**	
From:		**Phone:**	
Participant		**Email:**	

ID		**Title**		**Severity**	
Reported By			**Date/Time**	____/____/_____ ___:___	
Test Case ID			**Reproducible**	Yes / No / Not Tried	
Description of Incident					
Solution / Retest Comments					
Action Log					
Date	**Actions**		**Resp**	**Target Date**	
Retested By			**Date/Time**	____/____/_____ ___:___	
Sign Off			**Date/Time**	____/____/_____ ___:___	
Status	OPEN		**Date/Time**	____/____/_____ ___:___	
	UNDER INVESTIGATION		**Date/Time**	____/____/_____ ___:___	
	FIXING		**Date/Time**	____/____/_____ ___:___	
	RETEST		**Date/Time**	____/____/_____ ___:___	
	CLOSED		**Date/Time**	____/____/_____ ___:___	

B Test Status Report Template

Test Status Report			
Prepared By		**Date**	
Participant			
Test Period			

Progress Against Plan

Date	Planned No. of Tests	Actual No. of Tests Completed	Comment

Incidents Raised (Sorted by Severity, then IR Number)

Severity	IR #	IR Title	Status	Comment

Incidents Closed (Sorted by Severity, then IR Number)

Severity	IR #	IR Title	Status	Comment

Incidents Outstanding (Sorted by Severity, then IR Number)

Severity	IR #	IR Title	Status	Comment

Issues

No.	Description

Action Items (Test Team)

No.	Description	Actioned By (Date)

C Sample Incident Reporting Log

Incident Reporting Log **Date:**

Incident number	Date raised	Participant	Incident description	Severity	Resolution owner	Status	Date resolved	Comments

D Reject Codes For MNP Application Layer Testing

Not all reject codes will be tested as part of Application Layer Testing; however the following points should be noted:

- All reject codes require internal testing.
- Some reject codes are for internal testing only as they require manual intervention to automated processes.
- If a Participant cannot generate a transaction to elicit the appropriate reject code, a variation to the execution schedule can be agreed on a case by case basis.

Reject Codes for Industry Application Layer Testing							
Transaction	**Rejection Code**	**Reject Reason**	**Probability (0 -10)**	**Impact (0 -10)**	**Ranking (1 - 100)**	**Comment**	**Test Y/N**
Port Cut-over	3	MSN not Issued	10	1	10		Y
Port Notification	17	MSN not associated with Account/Reference Number	10	10	100		Y
Port Notification	58	Account/Reference Number or DOB not held	10	10	100		Y
Port Notification	70	MSN not associated with Previous Request ID	10	10	100		Y
Port Notification	8	Port in progress	6	8	48		Y
Port Notification	3	MSN not Issued	10	1	10		Y
Reversal	71	MSN not associated with Previous Request ID	5	10	50	Second time porting has major impacts	Y
Common Validations	20	Data attributes do not conform to Data Definitions	0	0	0	Internal test only*	N

Reject Codes for Industry Application Layer Testing							
Transaction	**Rejection Code**	**Reject Reason**	**Probability (0 -10)**	**Impact (0 -10)**	**Ranking (1 - 100)**	**Comment**	**Test Y/N**
Common Validations	59	Port Message Type out of sequence	0	0	0	Internal test only	N
Common Validations	77	Request ID not unique	0	0	0	Internal test only	N
Common Validations	79	Incorrect Destination Party	0	0	0	Internal test only	N
Give Back	13	MSN not allocated to a Mobile Carrier	0	0	0	Internal test only	N
Give Back	14	Recipient Mobile Carrier is the Donor Mobile Carrier	0	0	0	Internal test only	N
Give Back	16	MSN not held	0	0	0	Internal test only	N
Give Back	38	MSN active on Network	0	0	0	Internal test only	N
Give Back	78	MSN not Ported	0	0	0	Internal test only	N
Port Cut-over	35	Request ID not confirmed and active	0	0	0	Internal test only	N
Port Notification	16	MSN not held	2	1	2		N
Port Notification	1	Not an MSN	1	1	1		N
Port Notification	13	MSN not allocated to a Mobile Carrier	1	1	1		N
Port Notification	41	Request ID not active	0	0	0	Internal test only	N

Reject Codes for Industry Application Layer Testing							
Transaction	**Rejection Code**	**Reject Reason**	**Probability (0 -10)**	**Impact (0 -10)**	**Ranking (1 - 100)**	**Comment**	**Test Y/N**
Port Notification	52	Service is currently with the Gaining Mobile Carrier	0	0	0	Internal test only	N
Port Notification	67	Invalid CA Authorisation Date	0	0	0	Internal test only	N
Reversal	8	Port in progress	5	10	50	Internal test only, Second time porting has major impacts	N
Withdrawal	35	Request ID not confirmed and active	0	0	0	Internal test only	N
Withdrawal	41	Request ID not active	0	0	0	Internal test only	N
Expiry Notification						Nil reject codes	

E TEST SCENARIOS

E1 PIPN

Each Participant will test that they can establish network connections with the new Participant. The test will be performed by each Participant using a web client (e.g. Internet Explorer) to access a test web page hosted on the server of the other Participant. The server provided by the Participant must have the identity of the MNP Node. Successful connection must be made through the following channels – administration and test.

E2 Message Layer

Message layer testing is split into two components:

Node-to-Node (N2N) Connectivity Testing

Each Participant must:

- Access Node secure web pages of other Participants
- Verify connectivity with other Participants

Node-to-Node (N2N) Interaction Testing

The following tests will be performed:

- Ready Status Advice – verify that the messaging nodes advise each other of their ready status at start up, on return from outage, and at regular intervals
- Inactive Status Advice – verify that messaging nodes can advise each other of their inactive status, and that the messaging node receiving this advice stop sending messages to the sender of the advice
- Receipt Acknowledgment Message – verify that a receipt acknowledgment message is received for each message sent, and that the format and content of the message is correct
- Send Message – verify that an application can be sent and received by the messaging nodes
- Retry – verify that messaging nodes timeout and retry when receipt acknowledgment message is not received for a previously sent message
- Return Code – verify that messaging nodes can receive and return the applicable return code for a received original message and a duplicated message
- Message Queuing – verify that messages can be queued for an inactive messaging node, and are sent when the inactive node becomes active

Generic Scenario Descriptions

Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
M1	Node Ready	Turn on Node and leave on for 2 hours. Party X then sends ReadyStatusAdvice to all other parties. All other parties return the ACK to party X.	Mobile Carriers, Network Providers
M2	Node Inactive	Party X sends InactiveStatusAdvice to all other parties. All other parties send ACK to party X, and stop sending messages to party X	Mobile Carriers, Network Providers
M3	Retry	Party X sends a message to party Y. Party Y does not return the ACK. Party X times out after 90 seconds, and retries sending the message. Maximum number of retries is three. After three retries the message is queued	Mobile Carriers, Network Providers
M4	Duplicate Message	Party X sends a duplicate message to all other parties. All other parties send an ACK with return code 002 to party X.	Mobile Carriers, Network Providers
M5	Send Message	An application message (eg BPCNREC) is sent and received by each messaging node, and queued if a node is inactive.	Mobile Carriers, Network Providers

E3 Application Layer

Application layer testing will encompass scenarios such as ports, givebacks and technology transfers.

Generic Port Scenario Description

Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
P1	Successful Port	MCy sends a Port Notification for a mobile service that currently belongs to MCx. The Port is successful and the Broadcast Port Cutover Notification is sent to MCx, and all other mobile carriers and network providers.	Mobile Carriers, Network Providers
P2	Unsuccessful Port Notification	MCy sends a Port Notification for a mobile service that currently belongs to MCx. As a result of validation, MCx (LMC) rejects the Port Notification as the Mobile Service Number is not associated with the given Account/reference number. The Port Notification is unsuccessful, the reject code is 017.	Mobile Carriers
Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties

Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
P3	Unsuccessful Port Notification	MCy sends a Port Notification for a mobile service that currently belongs to MCx. As a result of validation, MCx (LMC) rejects the Port Notification as the Account/reference number or Date of Birth is not held. The Port Notification is unsuccessful, the reject code is 058.	Mobile Carriers
P4	Unsuccessful Port Notification	MCy sends a Port Notification for a mobile service that currently belongs to MCx. As a result of validation, MCx (LMC) rejects the Port Notification as the Mobile Service Number is not associated with the given Date of Birth. The Port Notification is unsuccessful, the reject code is 070.	Mobile Carriers
P5	Unsuccessful Port Notification	MCy sends a Port Notification for a mobile service that currently belongs to MCx. As a result of validation, MCx (LMC) rejects the Port Notification as the Mobile Service Number has not been issued. The Port Notification is unsuccessful, the reject code is 003.	Mobile Carriers
P6	Unsuccessful Port Notification	While there is an existing Port Notification for a mobile service that currently belongs to MCx, MCy sends a Port Notification to MCx for the same mobile service number. As a result of validation, MCx (LMC) rejects the second Port Notification as the Mobile Service Number is currently in the process of being ported. The second Port Notification is unsuccessful, the reject code is 008.	Mobile Carriers
P7	Unsuccessful Port Execution (cutover)	MCy sends a Port Notification for an active mobile service that currently belongs to MCx. The customer then requests MCx to deactivate the mobile service. MCy then sends a Port Cutover Notification to MCx for the same mobile service number. As a result of validation, MCx (LMC) rejects the Port Cutover Notification as the Mobile Service Number is no longer issued by the Losing CSP. The Port Cutover Notification is unsuccessful, the reject code is 003.	Mobile Carriers
P8	Expiry Successful	MCy sends a Port Notification for a mobile service that currently belongs to MCx. The Port Cutover Notification is not sent within 30 calendar days from the CA Authorisation date. The Port Notification expires.	Mobile Carriers
P9	Withdraw Successful	MCy sends a Port Notification for a mobile service that currently belongs to MCx. The Port Notification is subsequently withdrawn by MCy (GMC). Withdrawal of the Port Notification is successful and the Mobile Service Number is not ported.	Mobile Carriers

Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
P10	Reversal Successful	A Mobile Service Number is successfully ported from MCx (LMC) to MCy (GMC). MCx (now GMC) sends a valid Port Notification to MCy (now LMC) to reverse the Port. The reversal of Port is successful and the Broadcast Port Cutover Notification is sent to MCy and all other mobile carriers and network providers.	Mobile Carriers, Network Providers
P11	Reversal Unsuccessful	A Mobile Service Number is successfully ported from MCx (LMC) to MCy (GMC). MCx (now GMC) sends a Port Notification to MCy (now LMC) to reverse the Port however the Port Notification has a wrong Previous Request ID. As a result of validation, the Port Reversal request is rejected since the Mobile Service Number is not associated with the given Previous Request ID that was completed. The Port Reversal Notification is unsuccessful, the reject code is 071.	Mobile Carriers

Generic Giveback Scenario Description

Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
G1	Giveback Successful	After a successful Port, MCy (RMC) sends a Give Back Notification to MCx (DMC) when the relevant Quarantine period has passed. The Give Back Notification is valid. The Broadcast Giveback Notification is sent by MCx to MCy, and all other mobile carriers and network providers.	Mobile Carriers, Network Providers

Generic Technology Transfer Scenario Description

Generic Test Scenario No.	Test Scenario Type	Description	Impacted Parties
T1	Technology Transfer Successful	Mobile service is to be moved from technology type to another technology type. The Mobile Carrier remains MCx. MCx sends the Broadcast Technology Transfer Notification to MCy and all other mobile carriers and network providers.	Mobile Carriers, Network Providers

F Test Cases

F1 PIPN

No specific test cases are required to perform the testing of the PIPN.

F2 Message Layer

No specific test cases are required to perform the testing of the Message Layer.

F3 Application Layer

Test Case #	TC0001			
Description	Successful Port Notification			
Step	**GMC**	**LMC**	**GMC Expected Results**	**LMC Expected Results**
1	Sends Port Notification	Receives Port Notification	PN message sent.	PN message received.
2	Receives Port Notification Receipt advice.	Sends Port Notification Receipt advice.	PNREC message received.	PNREC message sent.
3	Receives Port Notification Confirmation advice.	Sends Port Notification Confirmation advice.	PNCON message received	PNCON message sent.
4	Sends Port Notification Confirmation Receipt advice.	Receives Port Notification Confirmation Receipt advice.	PNCONREC message sent.	PNCONREC message received.

Test Case #	TC0002			
Description	Successful Port Cutover Notification			
Step	**GMC**	**LMC**	**GMC Expected Results**	**LMC Expected Results**
1	Sends Port Cutover Notification	Receives Port Cutover Notification	PCN message sent.	PCN message received.
2	Receives Port Cutover Notification Receipt advice	Sends Port Cutover Notification Receipt advice	PCNREC message received.	PCNREC message sent.
3	Receives Port Cutover Notification Confirmation advice	Sends Port Cutover Notification Confirmation advice	PCNCON message received	PCNCON message sent
4	Sends Port Cutover Notification Confirmation Receipt advice.	Receives Port Cutover Notification Confirmation Receipt advice.	PCNCONREC message sent.	PCNCONREC message received.

Test Case #	TC0003			
Description	Broadcast Port Cutover Notification			
Step	**GMC**	**NP (including LMC)**	**GMC Expected Results**	**NP Expected Results**
1	Sends Broadcast Port Cutover Notification	Receives Broadcast Port Cutover Notification	BPCN message sent.	BPCN message received.
2	Receives Broadcast Port Cutover Notification Receipt advice	Sends Broadcast Port Cutover Notification Receipt advice	BPCNREC message received.	BPCNREC message sent.
3	Receives Broadcast Port Cutover Completion advice	Sends Broadcast Port Cutover Completion advice	BPCCOM message received from all parties.	BPCCOM message sent
4	Sends Broadcast Port Cutover Completion Receipt advice.	Sends Broadcast Port Cutover Completion Receipt advice.	BPCCOMREC message sent.	BPCCOMREC message received.

Test Case #	TC0004			
Description	Unsuccessful Port Notification			
Step	**GMC**	**LMC**	**GMC Expected Results**	**LMC Expected Results**
1	Sends Port Notification	Receives Port Notification	PN message sent.	PN message received.
2	Receives Port Notification Receipt advice.	Sends Port Notification Receipt advice.	PNREC message received.	PNREC message sent.
3	Receives Port Notification Rejection advice.	Sends Port Notification Rejection advice.	PNREJ message received	PNREJ message sent
4	Sends Port Notification Rejection Receipt advice.	Receives Port Notification Rejection Receipt advice.	PNREJREC message sent.	PNREJREC message received.

Test Case #	TC0005			
Description	Unsuccessful Port Cutover Notification			
Step	**GMC**	**LMC**	**GMC Expected Results**	**LMC Expected Results**
1	Sends Port Cutover Notification	Receives Port Cutover Notification	PCN message sent.	PCN message received.
2	Receives Port Cutover Notification Receipt advice	Sends Port Cutover Notification Receipt advice	PCNREC message received.	PCNREC message sent.
3	Receives Port Cutover Notification Rejection advice	Sends Port Cutover Notification Rejection advice	PCNREJ message received	PCNREJ message sent

4	Sends Port Cutover Notification Rejection Receipt advice.	Receives Port Cutover Notification Rejection Receipt advice.	PCNREJREC message sent.	PCNREJREC message received.

Test Case #	TC0006			
Description	Port Expiry Notification			
Step	**GMC**	**LMC**	**GMC Expected Results**	**LMC Expected Results**
1	Sends Port Expiry Notification	Receives Port Expiry Notification	PEN message sent.	PEN message received.
2	Receives Port Expiry Notification Receipt advice	Sends Port Expiry Notification Receipt advice	PENREC message received.	PENREC message sent.

Test Case #	TC0007			
Description	Successful Port Withdrawal Notification			
Step	**GMC**	**LMC**	**GMC Expected Results**	**LMC Expected Results**
1	Sends Port Withdrawal Notification	Receives Port Withdrawal Notification	PWN message sent.	PWN message received.
2	Receives Port Withdrawal Notification Receipt advice	Sends Port Withdrawal Notification Receipt advice	PWNREC message received.	PWNREC message sent.
3	receives Port Withdrawal Notification Confirmation advice	Sends Port Withdrawal Notification Confirmation advice	PWNCON message received.	PWNCON message sent.
4	Sends Port Withdrawal Notification Confirmation Receipt advice.	Receives Port Withdrawal Notification Confirmation Receipt advice.	PWNCONREC message sent.	PWNCONREC message received.

Test Case #	TC0008			
Description	Successful Giveback Notification			
Step	**RMC**	**DMC**	**RMC Expected Results**	**DMC Expected Results**
1	Sends Giveback Notification	Receives Giveback Notification	GBN message sent.	GBN message received.
2	Receives Giveback Notification Receipt advice	Sends Giveback Notification Receipt advice	GBNREC message received.	GBNREC message sent.
3	Receives Giveback Notification	Sends Giveback Notification	GBNCON message received.	GBNCON message sent.

	Confirmation advice	Confirmation advice		
4	Sends Giveback Notification Confirmation Receipt advice.	Receives Giveback Notification Confirmation Receipt advice.	GBNCONREC message sent.	GBNCONREC message received.

Test Case #	TC0009			
Description	Broadcast Giveback Notification			
Step	**DMC**	**NP**	**DMC Expected Results**	**NP Expected Results**
1	Sends Broadcast Giveback Notification	Receives Broadcast Giveback Notification	BGBN message sent.	BGBN message received.
2	Receives Broadcast Giveback Notification Receipt advice	Sends Broadcast Giveback Notification Receipt advice	BGBNREC message received.	BGBNREC message sent.
3	Receives Broadcast Giveback Completion advice	Sends Broadcast Giveback Completion advice	BGBCOM message received from all parties.	BGBCOM message sent.
4	Sends Broadcast Giveback Completion Receipt advice.	Receives Broadcast Giveback Completion Receipt advice.	BGBCOMREC message sent.	BGBCOMREC message received.

Test Case #	TC0010			
Description	Broadcast Technology Transfer Notification			
Step	**MC**	**NP**	**MC Expected Results**	**NP Expected Results**
1	Sends Broadcast Technology Transfer Notification	Receives Broadcast Technology Transfer Notification	BTTN message sent.	BTTN message received.
2	Receives Broadcast Technology Transfer Notification Receipt advice	Sends Broadcast Technology Transfer Notification Receipt advice	BTTNREC message received.	BTTNREC message sent.
3	Receives Broadcast Technology Transfer Completion advice	Sends Broadcast Technology Transfer Completion advice	BTTCOM message received from all parties.	BTTCOM message sent.
4	Sends Broadcast Technology Transfer Completion Receipt advice.	Receives Broadcast Technology Transfer Completion Receipt advice.	BTTCOMREC message sent.	BTTCOMREC message received.

G Detailed Test Data

- The following template is provided as an example for internal use.
- The data will be provided by the involved parties.
- This data template contains all data elements, those not required will be shaded out.
- The audit trail is not required to be populated due to the large amount of data.
- Where data is dependent on variables (e.g. timestamp) nnn will be used.
- * denotes system date and time in the format CCYYMMDDHHMMSSNNN

Scenario	P1			
Test Case #	TC0001			
Test Data Id	P1-ORA-TEL-0001			
Message Tag Names	PN	PNREC	PNCON	PNCONREC
Message Header				
Message Type	PN	PNREC	PNCON	PNCONREC
Request Id	001420020204nnnnnnnnn	001420020204nnnnnnnnn	001420020204nnnnnnnnn	001420020204nnnnnnnnn
Sending Party	14	2	2	14
Destination Party	2	14	14	2
Timestamp	*	*	*	*
Transaction Header				
Reject Reason Code				
Warning Code				
Target Technology				
Give Back Reason Code				
Cancellation Date				
Customer Identity				
MSN	417123456	417123456	417123456	417123456
CA Date	20020204	20020204	20020204	20020204
Customer Reference				
Account Reference	123456789	123456789	123456789	123456789

Customer DOB				
Previous Request ID				
Involved Parties				
Gaining CSP Id	14	14	14	14
Gaining MC Id	14	14	14	14
Losing MC Id		2	2	2
Losing CSP ID			2	2
Recipient MC				
Recipient CSP				
Donor MC				
Network Provider				
Rejecting MC				
Rejecting CSP				
Audit Trail				
ATParty				
ATMessageType				
AT TimeStamp				
AT Party				
AT Message Type				
AT TimeStamp				
AT Party				
AT Message Type				
AT TimeStamp				

H Common Network Test Execution Schedule

The following table is to be used to record the test results for common network testing for each channel.

	New Participant A	New Participant B	New Participant C
AAPT			
Globalstar			
LEA			
Optus			
Paradigm.One			
PowerTel			
Telstra			
Three			
Vodafone			
New Participant A			
New Participant B			
New Participant C			

4 days should be allowed to conduct this testing.

Day	Actual Date	Activities
1	TBD	• Internal preliminary activities to ensure readiness for testing • Teleconference with other Participants to confirm readiness
2	TBD	• Test connectivity of the Administration Channel • Teleconference with other Participants to discuss test results
3	TBD	• Test connectivity of the Test Channel • Teleconference with other Participants to discuss test results
4	TBD	• Retesting as required • Teleconference with other Participants to discuss test results and readiness for Message Layer testing

I Message Layer Test Execution Schedule

Two cycles of Message Layer testing are required:

- Cycle 1 – N2N Connectivity Testing
- Cycle 2 – N2N Interaction Testing

Cycle 1 – N2N Connectivity Testing

Day	Actual Date	Activities
1	TBD	• All parties to access secure web page of new Participants • New Participants to access secure web page of all other parties • Content of secure web page to be emailed to host Participant • Teleconference with other Participants to confirm test results
2	TBD	• Retesting as required • Teleconference with other Participants to confirm test results and advise readiness for Cycle 2

Cycle 2 – N2N Interaction Testing

Assumptions:

- All current Participants have active nodes at the start of day 1.
- After the new Participant has sent Inactive Status Advice, they must reactivate their nodes to receive the Inactive Status Advice messages from the current Participants.
- All Participants have inactive nodes at the start of day 2.

Day	Date / Time	Scenario	Event	Message Type	Message Sent to	ACK Sent by
1	TBD	Node Ready	New Participant switch on node	Ready Status Advice	All current Participants	All current Participants
		Node Ready	Current Participants send Node ready	Ready Status Advice	All Participants	All Participants
		Node Inactive	New Participant switch off node	Inactive Status Advice	All current Participants	All current Participants
		Node Inactive	Current Participants switch off node	Inactive Status Advice	All Participants	All Participants

Day	Date Time	Scenario	Event	Message Type	Message Sent to	Message Queued for	ACK Sent by
2	TBD	Message Queuing	New Participant Switch on node	BPCNREC	Nil	All Participants	Nil
		Message Queuing	AAPT switch on node	BPCNREC	New Participant	Comindico Globalstar LEA Optus Orange Paradigm.One PowerTel Telstra Three Vodafone	New Participant

Day	Date Time	Scenario	Event	Message Type	Message Sent to	Message Queued for	ACK Sent by
		Message Queuing	Comindico switch on node	BPCNREC	New Participant AAPT	Globalstar LEA Optus Orange Paradigm.One PowerTel Telstra Three Vodafone	New Participant AAPT
		Message Queuing	Globalstar switch on node	BPCNREC	New Participant AAPT Comindico	LEA Optus Orange Paradigm.One PowerTel Telstra Three Vodafone	New Participant AAPT Comindico

Day	Date Time	Scenario	Event	Message Type	Message Sent to	Message Queued for	ACK Sent by
		Message Queuing	LEA switch on node	BPCNREC	New Participant AAPT Comindico Globalstar	Optus Orange Paradigm.One PowerTel Telstra Three Vodafone	New Participant AAPT Comindico Globalstar
2	TBD	Message Queuing	Optus switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA	Orange Paradigm.One PowerTel Telstra Three Vodafone	New Participant AAPT Comindico Globalstar LEA
		Message Queuing	Orange switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA Optus	Paradigm.One PowerTel Telstra Three Vodafone	New Participant AAPT Comindico Globalstar LEA Optus

Day	Date Time	Scenario	Event	Message Type	Message Sent to	Message Queued for	ACK Sent by
		Message Queuing	Paradigm.One switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA Optus Orange	PowerTel Telstra Three Vodafone	New Participant AAPT Comindico Globalstar LEA Optus Orange
		Message Queuing	PowerTel switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA Paradigm One PowerTel Optus Orange Paradigm.One	Telstra Three Vodafone	New Participant AAPT Comindico Globalstar LEA Paradigm One PowerTel Optus Orange Paradigm.One

Day	Date Time	Scenario	Event	Message Type	Message Sent to	Message Queued for	ACK Sent by
		Message Queuing	Telstra switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA Paradigm One PowerTel Optus Orange	Three Vodafone	New Participant AAPT Comindico Globalstar LEA Paradigm One PowerTel Optus Orange
		Message Queuing	Three switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA Paradigm One Optus Orange PowerTel Telstra	Vodafone	New Participant AAPT Comindico Globalstar LEA Optus Orange Paradigm One PowerTel Telstra

Day	Date Time	Scenario	Event	Message Type	Message Sent to	Message Queued for	ACK Sent by
		Message Queuing	Vodafone switch on node	BPCNREC	New Participant AAPT Comindico Globalstar LEA Optus Orange Paradigm.One PowerTel Telstra Three	Nil	New Participant AAPT Comindico Globalstar LEA Optus Orange Paradigm.One PowerTel Telstra Three

J Application Layer Test Execution Schedule

Assumptions

(a) All Participants should ensure that they have a Node Ready message from each Participant with whom they are testing with at the commencement of each day's testing.

(b) Tests between all Participants will be performed at the same time. If any significant problems are encountered between Participants that will prevent the schedule continuing the actions as outlined in the MNP IT Test Plan will be followed.

(c) Database saves will be performed at the end of each test day to allow testing to re-continue from any particular day. If it is necessary to rollback to a particular test case then all Participants will rollback and re-commence testing from the same point.

(d) The checking of test results will be performed at the conclusion of each test case not during the test execution, with the exception that the LMC will check that the initial notification has been received. Test Analysts will communicate by phone at the commencement of each test case to ensure that the expected notification has been sent and received.

(e) The run date and time will be the current date and time the test is executed.

(f) Communications Alliance response times are not included as criteria to be verified as part of the expected results.

(g) Contingency days have been scheduled to allow for any unexpected problems and / or delays from previous test days.

(h) Phone In refers to the scheduled teleconference between all Test Managers. Phone Ins are planned for each day. The timing of the Phone Ins are outlined in the detailed execution schedule below.

(i) Each test must be performed by each mobile carrier with the new Participant. Where the new Participant is not a mobile carrier, only test scenarios P1, G1 and T1 will be executed. These test scenarios will be conducted between the existing mobile carriers with other Participants including new Participants involved. An exception is that Telstra is the only Mobile Carrier who currently sends Technology Transfer transactions. Therefore test scenario T1 will only be sent by Telstra and all other parties will be recipients and respondents to the Broadcast Technology Transfer messages.

(j) Some tests have dependencies on the successful completion of earlier tests. These are outlined in the Test Execution Summary Table below.

(k) Where scenarios have dependencies (ie a successful previous port), Part A of the scenario is the preparation and Part B is the scenario execution.

(l) To facilitate testing the GMC is to identify all data for each test scenario. Therefore the test case numbering convention used is as follows:

- the Scenario No. – e.g. P1
- the GMC abbreviation – e.g. ABC
- the LMC abbreviation – e.g. DEF
- the test data unique identifier (sequential) – e.g. 0001

Test Execution Summary for New Mobile Carrier

Day	**Day 1**	**Day 2**	**Day 3**	**Day 4**	**Day 5**
Start / End Times	9:00 – 16:15	9:00 – 16:15	N/A	9:00 – 17:15	9:00 – 16:45
Scenario Number	P1 (out)	P1 (in)	Contingency	P2, P3, P4, P5	P10 Part A
Dependency	N/A	N/A	N/A	N/A	N/A
Day	Day 6	Day 7	Day 8	Day 9	Day 10
Start / End Times	9:00 – 15:45	9:00 – 15:45	N/A	9:00 – 15:45	9:00 – 15:45
Scenario Number	P10 Part B	P6 Part A P6 Part B	Contingency	P7 P8 Part A	P9 P8 Part B
Dependency	P10 Part A	P6 Part A	N/A	N/A	P8 Part A
Day	Day 11	Day 12	Day 13	Day 14	Day 15
Start / End Times	9:00 – 16:00	9:00 – 12:00	9:00 – 15:00	9:00 – 13:00	9:00 – 10:30
Scenario Number	P11 Part A	P11 Part B	G1 Part A	G1 Part B	T1
Dependency		P11 Part A	N/A	G1 Part A	N/A

Test Execution Summary for New Network Provider or Portability Service Supplier

Day	Day 1	Day 2	Day 3	Day 4	Day 5
Start / End Times	9:00 – 11:30	9:00 – 12:15	N/A	9:00 – 14:30	N/A
Scenario Number	P1	P10 – Part A and B	Contingency	G1 – Part A and B T1	Contingency
Dependency	N/A	P10 – Part A	N/A	G1 – Part A	N/A

Test Execution Schedule for New Mobile Carrier

This is a sample based on one new mobile carrier (ABC).

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
1	TBD	9:00	P1	Send Port Notification	TC0001	P1-OPT-ABC-0001				
		9:15		Check Results						
		9:30	P1	Send Port Cutover	TC0002	P1-OPT-ABC-0002				
		9:45		Check Results						
		10:00	P1	Send BPCN	TC0003	P1-OPT-ABC-0003				
		10:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		10:30	P1	Send Port Notification	TC0001		P1-ORA-ABC-0001			
		10:45		Check Results						
		11:00	P1	Send Port Cutover	TC0002		P1-ORA-ABC-0002			
		11:15		Check Results						
		11:30	P1	Send BPCN	TC0003		P1-ORA-ABC-0003			
		11:45		Check Results						
		12:30	P1	Send Port Notification	TC0001			P1-TEL-ABC-0001		
		12:45		Check Results						
		14:00	P1	Send Port Cutover	TC0002			P1-TEL-ABC-0002		
		14:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		14:30	P1	Send BPCN	TC0003			P1-TEL-ABC-0003		
		14:45		Check Results						
		15:00	P1	Send Port Notification	TC0001				P1-VOD-ABC-0001	
		15:15		Check Results						
		15:30	P1	Send Port Cutover	TC0002				P1-VOD-ABC-0002	
		15:45		Check Results						
		16:00	P1	Send BPCN	TC0003				P1-VOD-ABC-0003	
		16:15		Check Results						
		17:00		Phone In						
2	TBD	9:00	P1	Send Port Notification	TC0001					P1-ABC-OPT-0001
		9:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		9:30	P1	Send Port Cutover	TC0002					P1-ABC-OPT-0002
		9:45		Check Results						
		10:00	P1	Send BPCN	TC0003					P1-ABC-OPT-0003
		10:15		Check Results						
		10:30	P1	Send Port Notification	TC0001					P1-ABC-ORA-0001
		10:45		Check Results						
		11:00	P1	Send Port Cutover	TC0002					P1-ABC-ORA-0002
		11:15		Check Results						
		11:30	P1	Send BPCN	TC0003					P1-ABC-ORA-0003
		11:45		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		12:30	P1	Send Port Notification	TC0001					P1-ABC-TEL-0001
		12:45		Check Results						
		14:00	P1	Send Port Cutover	TC0002					P1-ABC-TEL-0002
		14:15		Check Results						
		14:30	P1	Send BPCN	TC0003					P1-ABC-TEL-0003
		14:45		Check Results						
		15:00	P1	Send Port Notification	TC0001					P1-ABC-VOD-0001
		15:15		Check Results						
		15:30	P1	Send Port Cutover	TC0002					P1-ABC-VOD-0002
		15:45		Check Results						
		16:00	P1	Send BPCN	TC0003					P1-ABC-VOD-0003

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		16:15		Check Results						
		17:00		Phone In						
3	TBD	17:00		Phone In						
4	TBD	9:00	P2	Send Port Notification	TC0004	P2-OPT-ABC-0004				P2-ABC-OPT-0004
		9:15		Check Results						
		9:30	P2	Send Port Notification	TC0004		P2-ORA-ABC-0004			P2-ABC-ORA-0004
		9:45		Check Results						
		10:00	P2	Send Port Notification	TC0004			P2-TEL-ABC-0004		P2-ABC-TEL-0004
		10:45		Check Results						
		11:00	P2	Send Port Notification	TC0004				P2-VOD-ABC-0004	P2-ABC-VOD-0004
		11:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		11:30	P3	Send Port Notification	TC0004	P3-OPT-ABC-0005				P3-ABC-OPT-0005
		11:45		Check Results						
		12:00	P3	Send Port Notification	TC0004		P3-ORA-ABC-0005			P3-ABC-ORA-0005
		12:15		Check Results						
		12:30	P3	Send Port Notification	TC0004			P3-TEL-ABC-0005		P3-ABC-TEL-0005
		12:45		Check Results						
		13:00	P3	Send Port Notification	TC0004				P3-VOD-ABC-0005	P3-ABC-VOD-0005
		13:15		Check Results						
		13:30	P4	Send Port Notification	TC0004	P4-OPT-ABC-0006				P4-ABC-OPT-0006
		13:45		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		14:00	P4	Send Port Notification	TC0004		P4-ORA-ABC-0006			P4-ABC-ORA-0006
		14:15		Check Results						
		14:30	P4	Send Port Notification	TC0004			P4-TEL-ABC-0006		P4-ABC-TEL-0006
		14:45		Check Results						
		15:00	P4	Send Port Notification	TC0004				P4-TEL-VOD-0006	P4-ABC-VOD-0006
		15:15		Check Results						
		15:30	P5	Send Port Notification	TC0004	P5-OPT-ABC-0007				P5-ABC-OPT-0007
		15:45		Check Results						
		16:00	P5	Send Port Notification	TC0004		P5-ORA-ABC-0007			P5-ABC-ORA-0007
		16:15		Check Results						
		16:30	P5	Send Port Notification	TC0004			P5-TEL-ABC-0007		P5-ABC-TEL-0007

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		16:45		Check Results						
		17:00	P5	Send Port Notification	TC0004				P5-VOD-ABC-0007	P5-ABC-VOD-0007
		17:15		Check Results						
		17:30		Phone In						
5	TBD	9:00	P10 – Part A	Send Port Notification	TC0001	P10-OPT-ABC-0008				P10-ABC-OPT-0008
		9:15		Check Results						
		9:30	P10 – Part A	Send Port Cutover	TC0002	P10-OPT-ABC-0009				P10-ABC-OPT-0009
		9:45		Check Results						
		10:00	P10 – Part A	Send BPCN	TC0003	P10-OPT-ABC-0010				P10-ABC-OPT-0010
		10:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		11:00	P10 – Part A	Send Port Notification	TC0001		P10-ORA-ABC-0008			P10-ABC-ORA-0008
		11:15		Check Results						
		11:30	P10 – Part A	Send Port Cutover	TC0002		P10-ORA-ABC-0009			P10-ABC-ORA-0009
		11:45		Check Results						
		12:00	P10 – Part A	Send BPCN	TC0003		P10-ORA-ABC-0010			P10-ABC-ORA-0010
		12:15		Check Results						
		14:00	P10 – Part A	Send Port Notification	TC0001			P10-TEL-ABC-0008		P10-ABC-TEL-0008
		14:15		Check Results						
		14:30	P10 – Part A	Send Port Cutover	TC0002			P10-TEL-ABC-0009		P10-ABC-TEL-0009
		14:45		Check Results						
		15:00	P10 – Part A	Send BPCN	TC0003			P10-TEL-ABC-0010		P10-ABC-TEL-0010

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		15:15		Check Results						
		15:30	P10 – Part A	Send Port Notification	TC0001				P10-VOD-ABC-0008	P10-ABC-VOD-0008
		15:45		Check Results						
		16:00	P10 – Part A	Send Port Cutover	TC0002				P10-VOD-ABC-0009	P10-ABC-VOD-0009
		16:15		Check Results						
		16:30	P10 – Part A	Send BPCN	TC0003				P10-VOD-ABC-0010	P10-ABC-VOD-0010
		16:45		Check Results						
		17:30		Phone In						
6	TBD	9:00	P10 – Part B	Send Port Notification	TC0001	P10-OPT-ABC-0011				P10-ABC-OPT-0011
		9:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		9:30	P10 – Part B	Send Port Cutover	TC0002	P10-OPT-ABC-0012				P10-ABC-OPT-0012
		9:45		Check Results						
		10:00	P10 – Part B	Send BPCN	TC0003	P10-OPT-ABC-0013				P10-ABC-OPT-0013
		10:15		Check Results						
		10:30	P10 – Part B	Send Port Notification	TC0001		P10-ORA-ABC-0011			P10-ABC-ORA-0011
		10:45		Check Results						
		11:00	P10 – Part B	Send Port Cutover	TC0002		P10-ORA-ABC-0012			P10-ABC-ORA-0012
		11:15		Check Results						
		11:30	P10 – Part B	Send BPCN	TC0003		P10-ORA-ABC-0013			P10-ABC-ORA-0013
		11:45		Check Results						
		12:00	P10 – Part B	Send Port Notification	TC0001			P10-TEL-ABC-0011		P10-ABC-TEL-0011

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		12:15		Check Results						
		12:30	P10 – Part B	Send Port Cutover	TC0002			P10-TEL-ABC-0012		P10-ABC-TEL-0012
		12:45		Check Results						
		14:00	P10 – Part B	Send BPCN	TC0003			P10-TEL-ABC-0013		P10-ABC-TEL-0013
		14:15		Check Results						
		14:30	P10 – Part B	Send Port Notification	TC0001				P10-VOD-ABC-0011	P10-ABC-VOD-0011
		14:45		Check Results						
		15:00	P10 – Part B	Send Port Cutover	TC0002				P10-VOD-ABC-0012	P10-ABC-VOD-0012
		15:15		Check Results						
		15:30	P10 – Part B	Send BPCN	TC0003				P10-VOD-ABC-0013	P10-ABC-VOD-0013
		15:45		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		17:00		Phone In						
7		9:00	P6 – Part A	Send Port Notification	TC0001	P6-OPT-ABC-0014				P6-ABC-OPT-0014
		9:15		Check Results						
		9:30	P6 – Part A	Send Port Notification	TC0001		P6-ORA-ABC-0014			P6-ABC-ORA-0014
		9:45		Check Results						
		10:00	P6 – Part A	Send Port Notification	TC0001			P6-TEL-ABC-0014		P6-ABC-TEL-0014
		10:15		Check Results						
		10:30	P6 – Part A	Send Port Notification	TC0001				P6-VOD-ABC-0014	P6-ABC-VOD-0014
		10:45		Check Results						
		13:00	P6 – Part B	Send Port Notification	TC0004	P6-OPT-ABC-0015				P6-ABC-OPT-0015
				Reference MSN to be used		P6-ABC-VOD-0014				P6-VOD-ABC-0014

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		13:15		Check Result						
		13:30	P6 – Part B	Send Port Notification	TC0004		P6-ORA-ABC-0015			P6-ABC-ORA-0015
				Reference MSN to be used			P6-ABC-TEL-0014			P6-TEL-ABC-0014
		13:45		Check Result						
		14:00	P6 – Part B	Send Port Notification	TC0004			P6-TEL-ABC-0015		P6-ABC-TEL-0015
				Reference MSN to be used				P6-ABC-ORA-0014		P6-ORA-ABC-0014
		14:15		Check Result						
		14:30	P6 – Part B	Send Port Notification	TC0004				P6-VOD-ABC-0015	P6-ABC-VOD-0015
				Reference MSN to be used					P6-ABC-OPT-0014	P6-OPT-ABC-0014
		14:45		Check Result						
		17:00		Phone In						
8	TBA	17:00		Phone In						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
9	TBA	9:00	P7	Send Port Notification	TC0001	P7-OPT-ABC-0016				P7-ABC-OPT-0016
		9:15		Check Result						
		9:30	P7	Send Port Cutover	TC0005	P7-OPT-ABC-0017				P7-ABC-OPT-0017
		9:45		Check Result						
		10:00	P7	Send Port Notification	TC0001		P7-ORA-ABC-0016			P7-ABC-ORA-0016
		10:15		Check Result						
		10:30	P7	Send Port Cutover	TC0005		P7-ORA-ABC-0017			P7-ABC-ORA-0017
		10:45		Check Result						
		11:00	P7	Send Port Notification	TC0001			P7-TEL-ABC-0016		P7-ABC-TEL-0016
		11:15		Check Result						
		11:30	P7	Send Port Cutover	TC0005			P7-TEL-ABC-0017		P7-ABC-TEL-0017

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		11:45		Check Result						
		12:00	P7	Send Port Notification	TC0001				P7-VOD-ABC-0016	P7-ABC-VOD-0016
		12:15		Check Result						
		12:30	P7	Send Port Cutover	TC0005				P7-VOD-ABC-0017	P7-ABC-VOD-0017
		12:45		Check Result						
		14:00	P8 – Part A	Send Port Notification	TC0001	P8-OPT-ABC-0018				P8-ABC-OPT-0018
		14:15		Check Result						
		14:30	P8 – Part A	Send Port Notification	TC0001		P8-ORA-ABC-0018			P8-ABC-ORA-0018
		14:45		Check Result						
		15:00	P8 – Part A	Send Port Notification	TC0001			P8-TEL-ABC-0018		P8-ABC-TEL-0018
		15:15		Check Result						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		15:30	P8 – Part A	Send Port Notification	TC0001				P8-VOD-ABC-0018	P8-ABC-VOD-0018
		15:45		Check Result						
		17:00		Phone In						
10	TBD	9:00	P9	Send Port Notification	TC0001	P9-OPT-ABC-0019				P9-ABC-OPT-0019
		9:15		Check Result						
		9:30	P9	Send Port Withdrawal	TC0007	P9-OPT-ABC-0020				P9-ABC-OPT-0020
		9:45		Check Result						
		10:00	P9	Send Port Notification	TC0001		P9-ORA-ABC-0019			P9-ABC-ORA-0019
		10:15		Check Result						
		10:30	P9	Send Port Withdrawal	TC0007		P9-ORA-ABC-0020			P9-ABC-ORA-0020

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		10:45		Check Result						
		11:00	P9	Send Port Notification	TC0001			P9-TEL-ABC-0019		P9-ABC-TEL-0019
		11:15		Check Result						
		11:30	P9	Send Port Withdrawal	TC0007			P9-TEL-ABC-0020		P9-ABC-TEL-0020
		11:45		Check Result						
		12:00	P9	Send Port Notification	TC0001				P9-VOD-ABC-0019	P9-VOD-TEL-0019
		12:15		Check Result						
		12:30	P9	Send Port Withdrawal	TC0007				P9-VOD-ABC-0020	P9-VOD-TEL-0020
		12:45		Check Result						
		14:00	P8 – Part B	Send Expiry Notification	TC0006	P8-OPT-ABC-0021				P8-ABC-OPT-0021
		14:15		Check Result						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		14:30	P8 – Part B	Send Expiry Notification	TC0006		P8-ORA-ABC-0021			P8-ABC-ORA-0021
		14:45		Check Result						
		15:00	P8 – Part B	Send Expiry Notification	TC0006			P8-TEL-ABC-0021		P8-ABC-TEL-0021
		15:15		Check Result						
		15:30	P8 – Part B	Send Expiry Notification	TC0006				P8-VOD-ABC-0021	P8-ABC-VOD-0021
		15:45		Check Result						
		17:00		Phone In						
11	TBD	9:00	P11 – Part A	Send Port Notification	TC0001	P11-OPT-ABC-0022				P11-ABC-OPT-0022
		9:15		Check Results						
		9:30	P11 – Part A	Send Port Cutover	TC0002	P11-OPT-ABC-0023				P11-ABC-OPT-0023
		9:45		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		10:00	P11 – Part A	Send BPCN	TC0003	P11-OPT-ABC-0024				P11-ABC-OPT-0024
		10:15		Check Results						
		10:30	P11 – Part A	Send Port Notification	TC0001		P11-ORA-ABC-0022			P11-ABC-ORA-0022
		10:45		Check Results						
		11:00	P11 – Part A	Send Port Cutover	TC0002		P11-ORA-ABC-0023			P11-ABC-ORA-0023
		11:15		Check Results						
		11:30	P11 – Part A	Send BPCN	TC0003		P11-ORA-ABC-0024			P10-ABC-ORA-0024
		11:45		Check Results						
		12:00	P11 – Part A	Send Port Notification	TC0001			P11-TEL-ABC-0022		P11-ABC-TEL-0022
		12:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		12:30	P11 – Part A	Send Port Cutover	TC0002			P11-TEL-ABC-0023		P11-ABC-TEL-0023
		12:45		Check Results						
		14:00	P11 – Part A	Send BPCN	TC0003			P11-TEL-ABC-0024		P11-ABC-TEL-0024
		14:15		Check Results						
		14:30	P11 – Part A	Send Port Notification	TC0001				P11-VOD-ABC-0022	P11-ABC-VOD-0022
		14:45		Check Results						
		15:00	P11 – Part A	Send Port Cutover	TC0002				P11-VOD-ABC-0023	P11-ABC-VOD-0023
		15:15		Check Results						
		15:45	P11 – Part A	Send BPCN	TC0003				P11-VOD-ABC-0024	P11-ABC-VOD-0024
		16:00		Check Results						
		17:00		Phone In						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
12	TBA	9:00	P11 – Part B	Send Port Notification	TC0004	P11-OPT-ABC-0025				P11-ABC-OPT-0025
		9:30		Check Result						
		10:00	P11 – Part B	Send Port Notification	TC0004		P11-ORA-ABC-0025			P11-ABC-ORA-0025
		10:30		Check Result						
		11:00	P11 – Part B	Send Port Notification	TC0004			P11-TEL-ABC-0025		P11-ABC-TEL-0025
		11:30		Check Result						
		12:00	P11 – Part B	Send Port Notification	TC0004				P11-VOD-ABC-0025	P11-ABC-VOD-0025
		12:30		Check Result						
		17:00		Phone In						
13	TBD	9:00	G1 – Part A	Send Port Notification	TC0001	G1-OPT-ABC-0026				G1-ABC-OPT-0026
		9:15		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		9:30	G1 – Part A	Send Port Cutover	TC0002	G1-OPT-ABC-0027				G1-ABC-OPT-0027
		9:45		Check Results						
		10:00	G1 – Part A	Send BPCN	TC0003	G1-OPT-ABC-0028				G1-ABC-OPT-0028
		10:15		Check Results						
		10:30	G1 – Part A	Send Port Notification	TC0001		G1-ORA-ABC-0026			G1-ABC-ORA-0026
		10:45		Check Results						
		11:00	G1 – Part A	Send Port Cutover	TC0002		G1-ORA-ABC-0027			G1-ABC-ORA-0027
		11:15		Check Results						
		11:30	G1 – Part A	Send BPCN	TC0003		G1-ORA-ABC-0028			G1-ABC-ORA-0028
		11:45		Check Results						
		12:00	G1 – Part A	Send Port Notification	TC0001			G1-TEL-ABC-0026		G1-ABC-TEL-0026

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		12:15		Check Results						
		12:30	G1 – Part A	Send Port Cutover	TC0002			G1-TEL-ABC-0027		G1-ABC-TEL-0027
		12:45		Check Results						
		13:00	G1 – Part A	Send BPCN	TC0003			G1-TEL-ABC-0028		G1-ABC-TEL-0028
		13:15		Check Results						
		13:30	G1 – Part A	Send Port Notification	TC0001				G1-VOD-ABC-0026	G1-ABC-VOD-0026
		13:45		Check Results						
		14:00	G1 – Part A	Send Port Cutover	TC0002				G1-VOD-ABC-0027	G1-ABC-VOD-0027
		14:15		Check Results						
		14:45	G1 – Part A	Send BPCN	TC0003				G1-VOD-ABC-0028	G1-ABC-VOD-0028
		15:00		Check Results						

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		17:00		Phone In						
14	TBA	9:00	G1 – Part B	Send Giveback Notification	TC0008	G1-OPT-ABC-0029				G1-ABC-OPT-0029
		9:15		Check Results						
		9:30	G1 – Part B	Send BGBN	TC0009	G1-OPT-ABC-0030				G1-ABC-OPT-0030
		9:45		Check Results						
		10:00	G1 – Part B	Send Giveback Notification	TC0008		G1-ORA-ABC-0029			G1-ABC-ORA-0029
		10:15		Check Results						
		10:45	G1 – Part B	Send BGBN	TC0009		P10-ORA-ABC-0030			G1-ABC-ORA-0030
		11:00		Check Results						
		11:15	G1 – Part B	Send Giveback Notification	TC0008			G1-TEL-ABC-0029		G1-ABC-TEL-0029

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)	Test Data Id ABC (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #	Test Data #
		11:30		Check Results						
		11:45	G1 – Part B	Send BGBN	TC0009			G1-TEL-ABC-0030		G1-ABC-TEL-0030
		12:00		Check Results						
		12:15	G1 – Part B	Send Giveback Notification	TC0008				G1-VOD-ABC-0029	G1-ABC-VOD-0029
		12:30		Check Results						
		12:45	G1 – Part B	Send BGBN	TC0009				G1-VOD-ABC-0030	G1-ABC-VOD-0030
		13:00		Check Results						
		17:00		Phone In						
15	TBA	9:00	T1	Send BTTN	TC0010			T1-TEL-ALL-0031		
		9:30		Check Results						
		17:00		Phone In						

Test Execution Schedule for New Network Provider or Portability Service Supplier

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #
1	TBA	9:00	P1	Send Port Notification	TC0001	P1-OPT-ORA-0001	P1-ORA-TEL-0001	P1-TEL-VOD-0001	P1-VOD-OPT-0001
		9:30		Check Results					
		10:00	P1	Send Port Cutover	TC0002	P1-OPT-ORA-0002	P1-ORA-TEL-0002	P1-TEL-VOD-0002	P1-VOD-OPT-0002
		10:30		Check Results					
		11:00	P1	Send BPCN	TC0003	P1-OPT-ORA-0003	P1-ORA-TEL-0003	P1-TEL-VOD-0003	P1-VOD-OPT-0003
		11:30		Check Results					
		17:00		Phone In					
2	TBA	9:00	P10 – Part A	Send Port Notification	TC0001	P10-OPT-TEL-0004	P10-ORA-VOD-0004	P10-TEL-OPT-0004	P10-VOD-ORA-0004
		9:15		Check Results					
		9:30	P10 – Part A	Send Port Cutover	TC0002	P10-OPT-TEL-0005	P10-ORA-VOD-0005	P10-TEL-OPT-0005	P10-VOD-ORA-0005
		9:45		Check Results					

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #
		10:00	P10 – Part A	Send BPCN	TC0003	P10-OPT-TEL-0006	P10-ORA-VOD-0006	P10-TEL-OPT-0006	P10-VOD-ORA-0006
		10:15		Check Results					
		11:00	P10 – Part B	Send Port Notification	TC0001	P10-OPT-TEL-0007	P10-ORA-VOD-0007	P10-TEL-OPT-0007	P10-VOD-ORA-0007
		11:15		Check Results					
		11:30	P10 – Part B	Send Port Cutover	TC0002	P10-OPT-TEL-0008	P10-ORA-VOD-0008	P10-TEL-OPT-0008	P10-VOD-ORA-0008
		11:45		Check Results					
		12:00	P10 – Part B	Send BPCN	TC0003	P10-OPT-TEL-0009	P10-ORA-VOD-0009	P10-TEL-OPT-0009	P10-VOD-ORA-0009
		12:15		Check Results					
		17:00		Phone In					
3	TBA	12:00		Phone In					

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #
4	TBA	9:00	G1 – Part A	Send Port Notification	TC0001	G1-OPT-VOD-0010	G1-ORA-OPT-0010	G1-TEL-ORA-0010	G1-VOD-TEL-0010
		9:15		Check Results					
		9:30	G1 – Part A	Send Port Cutover	TC0002	G1-OPT-VOD-0011	G1-ORA-OPT-0011	G1-TEL-ORA-0011	G1-VOD-TEL-0011
		9:45		Check Results					
		10:00	G1– Part A	Send BPCN	TC0003	G1-OPT-VOD-0012	G1-ORA-OPT-0012	G1-TEL-ORA-0012	G1-VOD-TEL-0012
		10:15		Check Results					
		11:00	G1 – Part B	Send Giveback Notification	TC0008	G1-OPT-VOD-0013	G1-ORA-OPT-0013	G1-TEL-ORA-0013	G1-VOD-TEL-0013
		11:15		Check Results					
		11:30	G1 – Part B	Send BGBN	TC0009	G1-OPT-VOD-0014	G1-ORA-OPT-0014	G1-TEL-ORA-0014	G1-VOD-TEL-0014
		11:45		Check Results					
		14:00	T1	Send BTTN	TC0010			T1-TEL-ALL-0015	
		14:30		Check Results					

Day	Date	Time	Scenario #	Description	Test Case #	Test Data Id OPTUS (As GMC)	Test Data Id ORANGE (As GMC)	Test Data Id TELSTRA (As GMC)	Test Data Id VODAFONE (As GMC)
						Test Data #	Test Data #	Test Data #	Test Data #
		17:00		Phone In					

K Test Execution Schedule For Bilateral Testing

If a new Participant wished to conduct additional testing with any current Participant on a bilateral basis the following schedule may be followed:

Day	Actual Date	Activities
1	TBD	• Internal preliminary activities to ensure readiness for testing • Teleconference with new Participant to confirm readiness
2	TBD	• Test connectivity of the Test, Production and Admin Channel • Teleconference with new Participant to discuss test results
3	TBD	• Access secure web page of new Participant • New Participant to access secure web page of other Participants • Content of secure web page to be emailed to host Participant • Teleconference with new Participant to confirm test results
4	TBD	• Contingency day for retesting if required
5	TBD	• New Participant switch on node and send Node Ready to other party • Other party send Node Ready to new Participant • New Participant switch off node and send Node Inactive to other party • Other party send Node Inactive to new Participant • Teleconference with new Participant to confirm test results
6	TBD	• Other party send BPCN message to new Participant • New Participant responds with ACK, BPCNREC & BPCCOM • Teleconference with new Participant to confirm test results

L Template For Contact Points

Test Co-ordinator

Message Layer Participants	Contact	Phone	Mobile	Email
AAPT				
Globalstar				
LEA				
Optus				
Paradigm.One				
PowerTel				
Telstra				
Three				
Vodafone				
New Participant				

Participant escalation

PSD/Mobile Carrier	Name	Phone	Mobile	Email
AAPT				
Globalstar				
LEA				
Optus				
Paradigm.One				
PowerTel				
Telstra				
Three				
Vodafone				
New Participant				

This template is to be populated by the Test Co-ordinator for each cycle of testing and maintained as a separate document.

M SAMPLE TEST SUMMARY REPORT CONTENTS

1. Introduction
    - 1.1 Purpose
    - 1.2 Scope
    - 1.3 References
2. Executive summary
3. Reporting test results
    - 3.1 Outside scope of testing
    - 3.2 Test scope
    - 3.3 Test results
4. Issues outstanding
5. Conclusions and recommendations
    - 5.1 Specific conclusion
    - 5.2 Specific recommendation
    - 5.3 General recommendation

PARTICIPANTS

The Working Committee responsible for the revisions made to this Guideline consisted of the following organisations and their representatives:

Organisation	Representative
ACCC	Grant Young
Optus	Gary Smith
Paradigm.One	Dev Gupta
Pivotel	Robert Sakker
Telstra	Mark Podzuweit
Telstra	Ray Pearson
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Vodafone Hutchison Australia	Meri Rowlands
Vodafone Hutchison Australia	Arti Sharma

This Working Committee was chaired by Alexander R. Osborne. Visu Thangavelu of Communications Alliance provided project management support.

Communications Alliance was formed in 2006 to provide a unified voice for the Australian communications industry and to lead it into the next generation of converging networks, technologies and services.

In pursuing its goals, Communications Alliance offers a forum for the industry to make coherent and constructive contributions to policy development and debate.

Communications Alliance seeks to facilitate open, effective and ethical competition between service providers while ensuring efficient, safe operation of networks, the provision of innovative services and the enhancement of consumer outcomes.

It is committed to the achievement of the policy objective of the *Telecommunications Act 1997* - the greatest practicable use of industry self-regulation without imposing undue financial and administrative burdens on industry.

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