COMMUNICATIONS ALLIANCE LTD

INDUSTRY GUIDELINE

MOBILE NUMBER PORTABILITY-
IT SPECIFICATION
PART 1: TRANSACTION ANALYSIS

G573.1:2024

**G573.1:2024 Mobile Number Portability - IT Specification
Part 1: Transaction Analysis**

First published as ACIF G573.1:2001
Second edition as ACIF G573.1:2003
Third edition as ACIF G573.1:2004 Sept
Fourth edition as ACIF G573.1:2004 Dec
Fifth edition as G573.1:2009

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1 GENERAL

1.1 Purpose

The purpose of this document is to identify the functional and technical baseline requirements for the support of the ***Mobile Number Portability*** Industry Code (C570:2024) that pertains to Mobile Number Portability.

1.2 Scope

The scope of this document is to define the MNP Interface requirements between Mobile Carriers, Network Providers, and Mobile Carriers and their CSPs, as defined in the ***Mobile Number Portability*** Code (C570:2024).

The MNP Ported Number Registers Guideline is a separate document, and must be read and implemented in conjunction with this Specification.

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.

2024 Revision

In 2024 the Mobile Number Portability Code was revised. Where relevant definitions and references have been updated to ensure consistency.

References to the CA validity period have been updated to reflect the change to CA validity period from 30 calendar days to 60 calendar days.

1.3   Acronyms And Definitions

MNP Code Definitions

Please note that Section references within these definitions apply to Mobile Number Portability Industry Code (C570:2024), and not this Specification.

1.4   Acronyms

For the purposes of the Code

ACMA

Australian Communications and Media Authority

BGBN

Broadcast Give Back Notification

BGBC

Broadcast Give Back Completion

BPCN

Broadcast Port Cutover Notification

BTTN

Broadcast Technology Transfer Notification

CA

Customer Authorisation

C/CSP

Carrier/Carriage Service Provider

DMC

Donor Mobile Carrier

GBN

Give Back Notification

GBN Confirmation Advice

Give Back Notification Confirmation Advice

GBN Rejection Advice

Give Back Notification Rejection Advice

GCSP

Gaining CSP

GMC

Gaining Mobile Carrier

GMT

Greenwich Mean Time

GSM

Global System for Mobiles

LCSP

Losing CSP

LMC

Losing Mobile Carrier

MC

Mobile Carrier

MNP

Mobile Number Portability

MSN

Mobile Service Number

NP

Network Provider

NPs

Network Providers

OASD

Originating Access Service Deliverer

PCN

Port Cutover Notification

PCN Confirmation

Port Cutover Notification Confirmation

PCN Rejection

Port Cutover Notification Rejection

PEN

Port Expiry Notification

PMTS

Public Mobile Telecommunications Service

PN

Port Notification

PN Confirmation

Port Notification Confirmation

PN Rejection

Port Notification Rejection

PSS

Portability Service Suppliers

PWN

Port Withdrawal Notification

PWN Confirmation

Port Withdrawal Notification Confirmation

PWN Rejection

Port Withdrawal Notification Rejection

RCSP

Recipient CSP

RMC

Recipient Mobile Carrier

UMTS

Universal Mobile Telecommunications Service

1.5   Definitions

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

Act

means the *Telecommunications Act 1997.*

Broadcast Give Back Completion

(refer to Section 2.3).

Broadcast Give Back Notification

(refer to Section 2.3).

Broadcast Port Cutover Completion Advice

(refer to Section 2.3).

Broadcast Port Cutover Notification

(refer to Section 2.3).

Broadcast Technology Transfer Completion Advice

(refer to Section 2.3).

Broadcast Technology Transfer Notification

(refer to Section 2.3).

Broadcast Technology Transfer Notification Request ID

(refer to Section 2.4).

Business Day

means any day from Monday to Saturday (inclusive) other than a National Public Holiday.

Cancelled

is when the contract for the use of an MSN which has been Issued to a Customer has been terminated.

Carrier

has the same meaning as in the Act.

Carriage Service Provider

has the same meaning as in the Act.

Confirmation Advice

means a response (which is in the form of an electronic transaction) from the receiver of an electronic transaction confirming that the initial transaction has been validated.

CSP ID

means an identification code allocated to a CSP.

> *NOTE: CSP IDs are maintained on the Communications Alliance website on the Eligible Party Identification Code List.*

Customer

means a person to whom an MSN is Issued.

Customer Authorisation

means an authorisation which is executed by or on behalf of a Customer for the purposes of authorising a Port.

> *NOTE: minimum requirements for a Customer Authorisation are set out in the Customer Authorisation Industry Guideline (G651).*

Disconnected

means that the service to which the MSN is associated has been Cancelled.

Donor CSP

means the CSP to which an MSN has been allocated or transferred under the Numbering Plan.

Donor Mobile Carrier

means the Mobile Carrier to which a block of MSNs allocated or transferred to a Donor CSP is assigned for call routing purposes.

Gaining CSP

means the CSP to which an MSN has been or is to be Ported.

Gaining Mobile Carrier

means the Mobile Carrier whose Network will be used by the GCSP for the termination of calls to the MSN which has been or is to be Ported.

Give Back

means the return of a Ported MSN from a Recipient CSP to the Donor CSP in accordance with Section 5.

Give Back Notification

(refer to Section 2.3).

Give Back Notification Confirmation Advice (DMC→RMC)

(refer to Section 2.3).

Give Back Notification Confirmation Advice (RMC→RCSP)

(refer to Section 2.3).

Give Back Notification (RCSP-RMC)

(refer to Section 2.3).

Give Back Notification Rejection Advice (DMC→RMC)

(refer to Section 2.3).

Give Back Notification Rejection Advice (RMC→RCSP)

(refer to Section 2.3).

Give Back Request ID

(refer to Section 2.3).

Issued

means an MSN is considered to be Issued at the time that a CSP or their delegate and the Customer agree to the provision of a specific MSN for the Customer's use in association with a PMTS.

Losing CSP

means the CSP from which an MSN has been or is to be Ported.

Losing Mobile Carrier

means the Mobile Carrier whose Network is currently used by the LCSP for the termination of calls to an MSN which has been or is to be Ported.

MNP Operations Manual

means the G579 ***Mobile Number Portability Operations Manual***.

Mobile Carriage Service Provider

means a party who provides a Public Mobile Telecommunications Service to a Customer. Mobile CSPs have a contractual, including billing, relationship with the Customer and, directly or indirectly, with a Mobile Carrier.

Mobile Carrier

means a Carrier that operates a Mobile Network.

Mobile Network

means the facilities operated by a Carrier for the purposes of providing a Public Mobile Telecommunications Service.

Mobile Number Portability

means the Porting of MSN(s), from a LCSP to a GCSP, or from one MC Network to another MC Network.

Mobile Service Number

means a number that has been allocated under the Numbering Plan to a CSP for the provision of a Public Mobile Telecommunications Service.

National Public Holiday

means New Year's Day, Australia Day, Good Friday, Easter Day (i.e. Easter Sunday), ANZAC Day and Christmas Day unless otherwise agreed by all MCs.

> *NOTES*
>
> *1. Not all National Public Holidays in Australia are non-Porting days. MNP will not operate on those specific days that are listed above. There are some National Public Holidays, for example, Boxing Day and King's Birthday where Porting must be available during the Standard Hours of Operation.*
>
> *2. National Public Holidays for MNP are maintained on the Communications Alliance website on the MNP National Public Holidays List.*

Network

means a Carrier's or CSP's system, or series of systems, that carries or is capable of carrying communications by means of guided or unguided electromagnetic energy.

Network Provider

means an OASD, a TrSD or a PSD.

Numbering Plan

means the *Telecommunications Numbering Plan 2015*.

Originating Access Service Deliverer

means a CSP that provides outgoing services to Customers that connect to other telecommunications services.

Port

means the movement of MSNs between CSPs, or MC Networks, using MNP processes. The words Porting and Ported have corresponding meanings.

Port Cutover Notification

(refer to Section 2.3).

Port Cutover Notification Confirmation

(refer to Section 2.3).

Port Cutover Notification Rejection

(refer to Section 2.3).

Port Expiry Notification

(refer to Section 2.3).

Port Notification

(refer to Section 2.3).

Port Notification Confirmation

(refer to Section 2.3).

Port Notification Rejection

(refer to Section 2.3).

Port Recovery

means the process used to rectify an unauthorised Port where the MSN has been Ported more than once within the previous 180 calendar day period and more than the last Port was unauthorised.

Port Request ID

(refer to Section 2.3).

Port Withdrawal Notification

(refer to Section 2.3).

Port Withdrawal Notification Confirmation

(refer to Section 2.3).

Port Withdrawal Notification Rejection

(refer to Section 2.3).

Portability Service Supplier

means a Carrier or CSP or their agent or a contractor who provides supporting services to Carriers and/or CSPs in the provision and operation of MNP. For example, Port administration services, Ported number reference databases, and network services for call routing.

Ported Mobile Service Number Register

means a file that contains a list of MSNs where the data conditions described in the Allocated Mobile Service Number Register have changed as a result of Porting activity. That is, MSNs will be in the Ported Mobile Service Number Register if they no longer default to the Donor MCs Network.

Previous CSP

means the CSP from which an MSN has been Ported and which now initiates a Reversal on the authorisation from the Customer. The Previous CSP would have been the LCSP in the original Port transaction and will become the GCSP in the Reversal transaction.

Public Mobile Telecommunications Service

has the meaning given by the Act.

Quarantine

means the status of an MSN that was Issued to a Customer and was Disconnected, and is not to be Issued again except under circumstances provided for by Section 5.

Receipt Advice

(refer to Section 2.3).

Recipient CSP

means the CSP holding an MSN which has been Ported.

Recipient MC

means the MC whose Network is currently used by the Recipient CSP for the termination of calls to an MSN which has been Ported.

Reject Advice

means a response (which is in the form of an electronic transaction) from the receiver of an electronic transaction confirming that the initial transaction has not passed the required validations.

Reversal

means a Port back to the Previous CSP to rectify an unauthorised Port.

Reversal Authorisation

means an authorisation by the Customer or their agent to reverse a Port. The minimum requirements are specified in Clauses 4.18.8 or 4.18.9.

Standard Hours of Operation

means the timeframe for Porting availability and means a Business Day 8 a.m. to 8 p.m. (Standard Time) from Monday to Friday, and 10 a.m. to 6 p.m. (Standard Time) on Saturday, Easter Monday, King's Birthday and Boxing Day unless otherwise agreed between CSPs, MCs, and NPs on a bilateral basis.

Extended Hours of Operation

means the recommended timeframe for Porting availability and means a Business Day 8 am to 11pm (Standard Time) Monday to Saturday, Sunday, Easter Monday, King's Birthday and Boxing Day unless otherwise agreed between CSPs, MCs, and NPs in a Bilateral Agreement.

NOTE: Operational processes are applicable during the Standard Hours of Operation. They are not mandatory for Extended Hours of Operation.

Standard Telephone Service

has the meaning given by Section 6 of the *Telecommunications (Consumer Protection and Service Standards) Act 1999*.

Standard Time

means:

(a)   Australian Eastern Standard Time (GMT plus 10 hours); or

(b)   Eastern Daylight Saving Time (GMT plus 11 hours) if any eastern seaboard State has introduced Daylight Saving Time, at that time.

Subscriber Identity Module

means the identity card used to carry information about the customer and the associated service(s).

Target Technology Identifier

means a three digit code identifying the type of network to which the MSN is being Ported (e.g. 001 = GSM).

Transfer

means the move of an MSN from one CSP to another but using the same MC. This move may involve a change of Network.

Transit Service Deliverer

means a CSP that connects or interconnects with other CSPs.

1.6   Port Transaction Definitions

Broadcast Give Back Completion

means an electronic advice sent from all parties who receive a Broadcast Give Back Notification to the DMC to advise that they have implemented a return of the MSN to the DMC in their network and operating systems.

Broadcast Give Back Notification

means an electronic advice sent from the DMC to the NPs or PSSs, to advise them to implement a return of the MSN to the DMC in their network and operating systems.

Broadcast Port Cutover Completion Advice

means an electronic advice sent from the recipient to the GMC to confirm that the recipient has received and processed a BPCN in accordance with Section 4 to initiate a Port.

Broadcast Port Cutover Notification

means an electronic notification sent from the GMC to other NPs or PSSs to advise them to implement a Port.

Broadcast Technology Transfer Completion Advice

means an electronic advice sent from the recipient to the MC to confirm that the recipient has received and processed a BTTN in accordance with Section 4 to initiate a technology transfer.

Broadcast Technology Transfer Notification

means an electronic notification sent from a MC to other MCs, NPs and PSSs to advise them that there has been a change in technology for an MSN and to update their Networks and/or databases to implement the technology transfer.

Broadcast Technology Transfer Notification Request ID

means unique identifier generated by an MC, which is used in all BTTN transactions associated with a particular technology transfer of an MSN.

Give Back Notification

means an electronic advice sent from the RCSP to the Donor CSP via the RMC and DMC to notify that the MSN is to be returned to the Donor CSP.

Give Back Notification (RCSP →RMC)

means an electronic advice sent by the RCSP to the RMC to notify that the MSN is to be returned to the Donor CSP.

Give Back Notification Confirmation Advice (RMC → RCSP)

means an electronic confirmation sent by the RMC to the RCSP in response to a GBN indicating that the Give Back has been accepted in accordance with the validation criteria described in Section 5.

Give Back Notification Confirmation Advice (DMC → RMC)

means an electronic confirmation sent by the DMC to the RMC in response to a GBN indicating that the Give Back has been accepted in accordance with the validation criteria described in Section 5.

Give Back Notification Rejection Advice (RMC → RCSP)

means an electronic rejection sent by the RMC to the RCSP in response to a GBN indicating that the Give Back has been rejected in accordance with the validation criteria described in Section 5.

Give Back Notification Rejection Advice (DMC → RMC)

means an electronic rejection sent by the DMC to the RMC in response to a GBN indicating that the Give Back has been rejected in accordance with the validation criteria described in Section 5.

Give Back Request ID

means a unique identifier generated by the RCSP, which is used in all Give Back transactions associated with a particular Give Back of an MSN to the DMC.

Port Cutover Completion Advice (GMC→GCSP)

means an electronic advice sent from the GMC to the GCSP to confirm that they have sent a BPCN in accordance with Section 4 to initiate a Port.

Port Cutover Completion Advice (LMC→LCSP)

means an electronic advice sent from the LMC to the LCSP to confirm that they have received and processed a BPCN in accordance with Section 4 to initiate a Port.

Port Cutover Notification

means an electronic notification that is submitted by the GCSP to initiate a Port. A PCN is sent to the GMC then the LMC for validation in accordance with the validation criteria described in Section **Error! Reference source not found.**. The PCN can also be sent to the LCSP for further validation, as described in Section 4.

Port Cutover Notification Confirmation

means an electronic confirmation sent to the GMC by the LMC indicating that the PCN has been accepted in accordance with the validation criteria described in Section 4.

Port Cutover Notification Rejection

means an electronic rejection which is generated either from the LMC or LCSP which is sent to the GMC by the LMC indicating that a PCN has been rejected in accordance with the validation criteria described in Section 4.

Port Expiry Notification

means an electronic notification sent from the LMC to the GMC and LCSP that an accepted PN has expired in accordance with Section 4. The GMC also sends the PEN to the GCSP on receipt of this advice from the LMC.

Port Notification Confirmation

means an electronic confirmation sent to the GCSP by the LCSP via the LMC and GMC in response to a PN indicating that the PN has been accepted in accordance with the validation criteria described in Section 4.

Port Notification

means an electronic notification that is submitted by the GCSP to initiate the validation of a Port request. A PN is sent to the GMC then the LMC and then to the LCSP for validation in accordance the validation criteria outlined in Section 4.

Port Notification Rejection

means an electronic rejection sent to the GCSP by the party who rejected the PN in accordance with the validation criteria outlined in Section 4.

Port Request ID

means a unique identifier generated by the GCSP which is used in all subsequent Porting transactions associated with a particular Port of an MSN.

Port Withdrawal Notification

means an electronic notification initiated by the GCSP to cancel a confirmed and active PN prior to a PCN or PEN. A PWN is sent via the GMC and the LMC to the LCSP and is validated in accordance with the validation criteria described in Section 4.

Port Withdrawal Notification Confirmation

means an electronic confirmation sent to the GCSP from the LCSP via the GMC and LMC indicating that the PWN has been validated in accordance the validation criteria outlined in Section 4.

Port Withdrawal Notification Rejection

means an electronic rejection sent to the GCSP from the LCSP via the GMC and LMC indicating that a PWN has been rejected in accordance the validation criteria outlined in Section 4.

Receipt Advice

means an electronic advice sent by a party who has received a Port transaction to the party from whom they received the transaction to confirm delivery of the transaction.

2 BUSINESS CONCEPTS TO BE SUPPORTED

The following table outlines the core MNP concepts that are required by industry. These concepts describe the types of high level actions that will be required for MNP.

Business Concepts	Business Concept Description
Number Movement between two different Mobile Carrier Networks	A customer wishes to take their MSN from their current CSP (ie Losing) to another CSP (ie Gaining) where the MSN movement is between two different networks.

3 BUSINESS CONCEPTS VERSUS BUSINESS SCENARIO

The following table identifies the core Business Scenarios (types of actions) to be supported for MNP.

Business Concepts	Business Scenario	Business Scenario Description
MSN Movement between two different Mobile Carrier Networks and Target Technology	Port	A Customer wishes to take their MSN from their current CSP (Losing CSP) to another CSP (Gaining CSP).
	Reversal	A Customer advises that a Port is unauthorised and wishes to take their MSN back to the previous CSP.
	Give Back	After a Customer cancels their Ported MSN and on completion of the minimum Quarantine period, the CSP (Recipient CSP) Gives Back the MSN to the Donor CSP
	Technology Transfer	A Customer wishes to take their MSN from their current Network Technology to another with the same Network Provider

4 BUSINESS SCENARIOS VERSUS BUSINESS EVENTS

4.1 Port or Technology Transfer of an MSN

Event	CSP	Carrier Network	Network Type	Event Description	Movement Description
(a)	**Different**	Different	Different	An MSN moves from one CSP to another on a different Carrier's Network with a different Target Technology.	Port and Technology Transfer
(b)	**Different**	Different	Same	An MSN moves from one CSP to another, on a different Carrier's Network with the same Target Technology.	Port
(c)	**Different**	Same	Same	An MSN moves from one CSP to another, on the same Carrier's Network with the same Target Technology.	Port (Transfer)
(d)	**Different**	Same	Different	An MSN moves from one CSP to another on the same Carrier's Network with a different Target Technology.	Port and Technology Transfer
(e)	**Same**	Different	Different	An MSN remains with the same CSP, on a different Carrier's Network with a different Target Technology.	Port and Technology Transfer
(f)	**Same**	Different	Same	An MSN remains with the same CSP, on a different Carrier's Network with the same Target Technology.	Port
(g)	**Same**	Same	Different	An MSN remains with the same CSP, on the same Carrier's Network with a different Target Technology .	Technology Transfer

4.2 Give Back of an MSN

Event	CSP	Carrier Network	Network Type	Event Description	Movement Description
(a)	**Different**	Different	Different	An MSN moves from one CSP to another on a different Carrier's Network with a different Target Technology.	Give Back
(b)	**Different**	Different	Same	An MSN moves from one CSP to another, on a different Carrier's Network with the same Target Technology.	Give Back
(c)	**Different**	Same	Same	An MSN moves from one CSP to another, on the same Carrier's Network with the same Target Technology.	Give Back
(d)	**Different**	Same	Different	An MSN moves from one CSP to another on the same Carrier's Network with a different Target Technology.	Give Back
(e)	**Same**	Different	Different	An MSN remains with the same CSP, on a different Carrier's Network with a different Target Technology.	Give Back
(f)	**Same**	Different	Same	An MSN remains with the same CSP, on a different Carrier's Network with the same Target Technology.	Give Back
(g)	**Same**	Same	Different	An MSN remains with the same CSP, on the same Carrier's Network with a different Target Technology.	Give Back

5   INDUSTRY DIALOGUE DEFINITIONS

The following table, based on the commonality of data between business events, identifies the types of Intercarrier Models that will be required to be supported for each group of similar business events.

Movement Type	Industry Dialogue Models
Port and Technology Transfer	Port
Port	Port
Port (Transfer)	Port
Technology Transfer	Technology Transfer
Reversal	Port
Give Back	Give Back

6 GIVENS

1.   The Request ID must always be associated with an MSN and must be unique for each Port, Give Back or Technology Transfer request.

2.   In cases where transactions fail a resend facility must be available following escalation.

3.   A resend is only sent when it is agreed between the two involved parties that the previously sent transaction has not been received.

4.   In the event of a failure due to systems being misaligned, all parties will need to prepare their system prior to resending the failed transaction.

5.   Disputed Rejection Advice's and Confirmation Advice's will be handled manually via operational escalation.

6.   An unrecognisable transaction is a transaction that is corrupt and is not able to be processed. The sending party is responsible for resending the transaction following operational escalation.

7.   Any reference to "rejected parties" in this Specification will be derived from the XML definitions. (GCSP, GMC, LMC, LCSP, RMC, RCSP, DMC and DCSP only)

8.   Mobile Carrier to Mobile Carrier and Mobile Carrier to Network Providers interaction will be over a Common Network using XML.

9.   Carrier to CSP interactions may choose to use the common network and XML or their existing infrastructure arrangements.

10.   The Logical Context Diagram and the associated description do not differentiate between the sending and transiting of data.

11.   The Process Flow Diagrams differentiate between the sending and transiting of data.

12.   Common Validations are always performed prior to process Validations.

13.   During the Port Cutover process, the Losing Mobile Carrier will have the ability to create a warning code to be sent to the Losing CSP for further validation however in this situation the Port Cutover Notification will not be rejected by the Losing Mobile Carrier, but sent to the LCSP for further validation.

14.   A Port Notification that is rejected during the validation process by any party will be considered to be inactive and will need to be resubmitted with a new Request ID. However, any rejections on the transit leg will be handled by operational escalation.

15.   When the Port Notification is successfully validated by the LCSP the Port Notification becomes "Confirmed and Active". As each subsequent involved party receives and successfully validates the Port Notification Confirmation Advice the Port Notification becomes "Confirmed and Active" prior to transiting.

16. Initiated transactions are validated and then sent to the next involved party. While Confirmed or Rejected transactions which are received by an involved party are validated using the appropriate common validations and then transited to the next party.

17. Losing Parties involved in Porting may themselves undertake those Validations that are performed by the subsequent party in the Port process for that transaction if an agreement exists. Where such an agreement exists, the returning transaction will reflect the involvement of both parties.

18. After receiving a transaction each party involved in Porting updates its system to reflect the appropriate status.

19. The status handling of the events follow the transaction dependency diagram.

20. The Rejecting Party is a logical attribute and is defined in the XML DTD as either the Rejecting CSP or the Rejecting MC.

21. The XML DTD in Appendix E should be read in conjunction with the Logical Context Tables in section 9 to determine the mandatory attributes for each message type.

22. Corrupt messages will be handled by Operational Escalation.

23. Time Stamps are based on GMT.

24. A Receipt Advice is an acknowledgment at the application layer.

25. Involved Parties section of the DTD identifies the Involved Parties but does not imply sequencing. Involved Parties in Receipts do not confirm the Involved Party role as they are populated prior to validation of the original message.

26. The audit trail captures the sequence of Involved Parties.

27. When an MSN has undergone a Technology Transfer on a Donor MCs Network, and when cancelled by the Customer the MSN and is returned to its original Network technology, a BTTN must be sent.

28. Reject code 052 will not apply if a bilateral agreement between the MC and CSP had been entered into to use the PIPN/MNP transactions for Transfers.

29. The sequence of validations in the Validations tables does not imply the actual sequence of those validations.

30. Where there is a Bilateral Agreement between CSPs to use the MIN/SIM for validation in lieu of the Account/Reference Number or Date of Birth the MIN/SIM number must be entered into the Account/Reference Number field.

7   OPERATIONAL TIME AND SYSTEMS AVAILABILITY

7.1   Systems Availability

Participants in MNP have obligations under **Mobile Number Portability** Industry Code (C570) to use their best endeavours to ensure the availability and performance of their systems such that they can meet their requirements under this Industry Code. This includes but is not limited to an obligation on a CSP that their systems for Porting out must be at least as available as their systems for Porting in. Where a participant's systems experience either a planned or unplanned outage, the participant is not required to provide a manual alternative other than those specified, if any, in **Mobile Number Portability Operations Manual** (G579).

7.2   Operational Time

7.2.1   During the Standard Hours of Operation, the maximum transaction times as described in Appendix A apply. Transactions received outside Standard Hours of Operation must be completed within the maximum transaction time from the re-commencement of Standard Hours of Operation. Transactions that have been received in less than the maximum transaction time for that transaction before the end of the Standard Hours of Operation must be completed within the maximum transaction time from the start of the Standard Hours of Operation of the next Business Day.

NOTE: This does not mean that the transaction cannot be completed within the same Business Day.

7.2.2   Standard Time means:

(a)   Australian Eastern Standard Time (GMT plus 10 hours); or

(b)   Eastern Daylight Saving Time (GMT plus 11 hours) if any eastern seaboard State has introduced Daylight Savings time, at that time.

7.2.3   Standard Hours of Operation means on a Business Day 8 a.m. to 8 p.m. (Standard Time), from Monday to Friday, and 10 a.m. to 6 p.m. (Standard Time) on Saturday, Easter Monday, King's Birthday and Boxing Day unless otherwise agreed between CSPs, MCs and NPs on a bilateral basis.

7.2.4   For the purposes of measuring validity of a CA/RA the date of authorisation is Day 0. The 60 calendar day period that the CA/RA is valid commences from the next calendar day after the CA/RA authorisation date.

TABLE 1

CA/RA Timeframes

Day 0	Day 1 to 60	Day 61
CA/RA authorised	Porting window *Note: Porting window expires 15 minutes before end of Standard Hours of Operation Day 60*	Port Expired *Note: Port Expiry Notices can be sent within the timeframe 15 minutes before end of Standard Hours of Operation which is at the end of Standard Hours of Operation on Day 60 or at commencement of the next Business Day*
Example of Actual date:		
1st May CA/RA authorised (Day 0)	2nd May to 30 June Porting window	1st July Port Expired (Day 61)

8   LOGICAL CONTEXT DIAGRAMS FOR EACH INDUSTRY DIALOGUE MODEL

This section identifies the data flows ie business transactions required for each Industry Dialogue Model ie business event.

8.1   Port Context Diagram
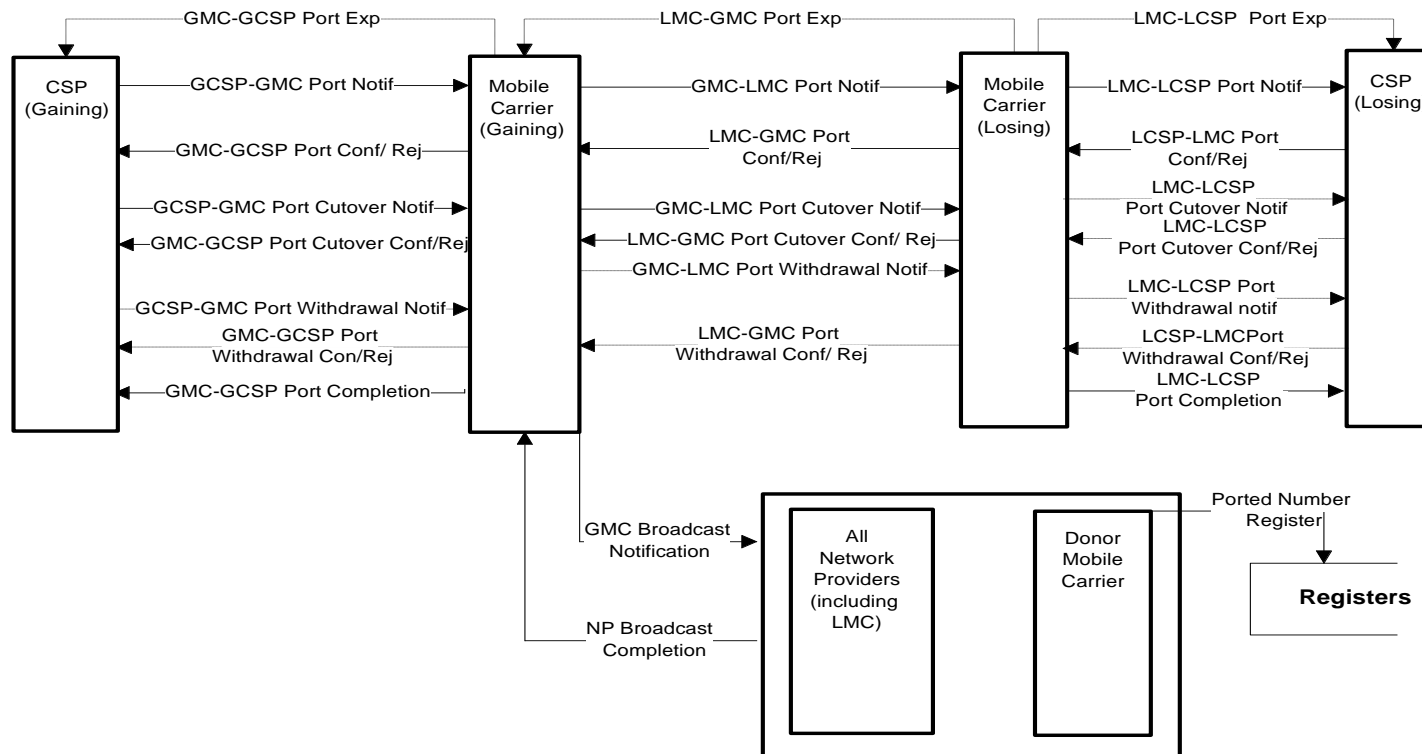
NOTE: The "- - - - - " implies data flows if a Port does not proceed, while "_____" implies mandatory data flows and all transactions require a receipt. Receipt Advice's have not been shown in the diagram to assist readability.

8.2   Port Notification

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	GCSP-GMC Port Notification	Gaining CSP initiates the Port of an MSN by sending a Port Notification to the Gaining Mobile Carrier.	• Request ID • MSN • Account/Reference Number • Date of Birth • Previous Request ID • Gaining CSP ID • CA Authorisation Date
2.	GMC-GCSP Port Notification Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Gaining CSP confirming that the Port Notification has been received	• Request ID
3.	GMC-LMC Port Notification	Gaining Mobile Carrier sends the Port Notification to the Losing Mobile Carrier	• Request ID • MSN • Account/Reference Number • Date of Birth • Previous Request ID • Gaining CSP ID • Gaining MC ID • CA Authorisation Date
4.	LMC-GMC Port Notification Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Notification has been received.	• Request ID
5.	LMC-LCSP Port Notification	Losing Mobile Carrier sends the Port Notification to the LCSP.	• Request ID • MSN • Account/Reference Number • Date of Birth • Previous Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • CA Authorisation Date
6.	LCSP-LMC Port Notification	Losing CSP sends a Receipt Advice to their Losing	• Request ID

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
	Receipt Advice	Mobile Carrier confirming that the Port Notification has been received	
7.	LCSP-LMC Port Notification Confirmation	Losing CSP sends a Port Notification Confirmation to their Losing Mobile Carrier confirming that the MSN is able to be Ported as validated by the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
8.	LMC-LCSP Port Notification Confirmation Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to their Losing CSP confirming that the Port Confirmation Advice has been received.	• Request ID
9.	LMC-GMC Port Notification Confirmation	Losing Mobile Carrier sends a Port Notification Confirmation Advice to the Gaining Mobile Carrier confirming that the MSN can be Ported as validated by both the Losing CSP and the Losing Mobile Carrier.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
10.	GMC - LMC Port Notification Confirmation Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Notification Confirmation Advice has been received.	• Request ID
11.	GMC-GCSP Port Notification Confirmation	Gaining Mobile Carrier sends a Port Notification Confirmation Advice to the Gaining CSP confirming that the MSN is able to be Ported as validated by both the Losing Mobile Carrier and Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
12.	GCSP - GMC Port Notification Confirmation Receipt Advice	Gaining CSP sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Notification Confirmation Advice has been received.	• Request ID
13.	GMC-GCSP Port Notification Rejection	Gaining Mobile Carrier sends a Port Notification Rejection to the Gaining CSP notifying that the MSN is not able to be Ported as validated and rejected by either the Gaining Mobile Carrier, Losing Mobile Carrier or Losing CSP	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
14.	GCSP - GMC Port Notification Rejection Receipt Advice	Gaining CSP sends a Receipt Advice to their Gaining Mobile Carrier confirming that the Port Rejection Advice has been received.	• Request ID
15.	LMC-GMC Port Notification Rejection	Losing Mobile Carrier sends a Port Notification Rejection Advice to the Gaining Mobile Carrier notifying that the MSN can not be Ported as validated and rejected by either Losing Mobile Carrier or Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code
16.	GMC -LMC Port Notification Rejection Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to their Losing Mobile Carrier confirming that the Port Rejection Advice has been received.	• Request ID
17.	LCSP-LMC Port Notification Rejection	Losing CSP sends a Port Notification Rejection to the Losing Mobile Carrier notifying that the MSN is not able to be Ported as validated by the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code
18.	LMC-LCSP Port Notification Rejection Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to their Losing CSP confirming that the Port Rejection Advice has been received.	• Request ID

8.3   Port Cutover Notification

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	GCSP-GMC Port Cutover Notification	Gaining CSP sends Port Cutover Notification to the Gaining Mobile Carrier.	• Request ID • Gaining CSP ID
2.	GMC-GCSP Port Cutover Notification Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Gaining CSP confirming that the Port Cutover Notification has been received.	• Request ID
3.	GMC-LMC Port Cutover Notification	Gaining Mobile Carrier sends Port Cutover Notification to the Losing Mobile Carrier.	• Request ID • Gaining CSP ID • Gaining MC ID
4.	LMC-GMC Port Cutover Notification Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Cutover Notification has been received.	• Request ID
5.	LMC-LCSP Port Cutover Notification	Losing Mobile Carrier sends Port Cutover Notification to the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Warning Code
6.	LCSP-LMC Port Cutover Notification Receipt Advice	Losing CSP sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Cutover Notification has been received.	• Request ID
7.	LCSP- LMC Port Cutover Notification Confirmation	Losing CSP sends Port Cutover Notification Confirmation Advice to the Losing Mobile Carrier.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
8.	LMC - LCSP Port Cutover Notification Confirmation Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to the Losing CSP confirming that the Port Cutover Notification Confirmation has been received.	• Request ID
9.	LMC-GMC Port Cutover Notification	Losing Mobile Carrier sends a Port Cutover Notification Confirmation advice to the Gaining Mobile Carrier	• Request ID • Gaining CSP ID

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
	Confirmation	notifying that the MSN being Ported is able to be cutover as validated by the Losing Mobile Carrier or the Losing CSP.	• Gaining MC ID • Losing MC ID • Losing CSP ID
10.	GMC-LMC Port Cutover Notification Confirmation Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Cutover Notification Confirmation has been received.	• Request ID
11.	GMC-GCSP Port Cutover Notification Confirmation	Gaining Mobile Carrier sends Port Cutover Notification Confirmation to the Gaining CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
12.	GCSP-GMC Port Cutover Notification Confirmation Receipt Advice	Gaining CSP sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Cutover Notification Confirmation has been received.	• Request ID
13.	GMC-GCSP Port Cutover Notification Rejection	Gaining Mobile Carrier sends a Port Cutover Notification Rejection advice to the Gaining CSP notifying that the MSN being Ported is not able to be cutover as validated and rejected by either the Gaining Mobile Carrier, Losing Mobile Carrier or Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code
14.	GCSP-GMC Port Cutover Notification Rejection Receipt Advice	Gaining CSP sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Cutover Notification Rejection has been received.	• Request ID
15.	LMC-GMC Port Cutover Notification Rejection	Losing Mobile Carrier sends a Port Cutover Notification Rejection advice to the Gaining Mobile Carrier notifying that the MSN being Ported is not able to be cutover as validated by the Losing Mobile Carrier or Losing CSP	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
			• Reject Code
16.	GMC-LMC Port Cutover Notification Rejection Receipt Advice	Gaining Mobile Carrier sends a Port Cutover Notification Rejection Receipt Advice to the Losing Mobile Carrier confirming that the Port Cutover Notification Rejection advice has been received.	• Request ID
17.	LCSP-LMC Port Cutover Notification Rejection	Losing CSP sends a Port Cutover Notification Rejection advice to the Losing Mobile Carrier notifying that the MSN being Ported is not able to be cutover as validated by the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code
18.	LMC-LCSP Port Cutover Notification Rejection Receipt Advice	Losing Mobile Carrier sends a Port Cutover Notification Rejection Receipt Advice to the Losing CSP confirming that the Port Cutover Notification Rejection advice has been received.	• Request ID

8.4 Broadcast Port Cutover Notification

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	GMC-NP Broadcast Port Cutover Notification	Gaining Mobile Carrier sends a Broadcast Port Cutover Notification to all Network Providers (including the Losing Mobile Carrier) to advise them to implement the Port.	• Request ID • MSN • Gaining MC ID • Target Technology
2.	NP-GMC Broadcast Port Cutover Notification Receipt Advice	Network Providers send a Broadcast Port Cutover Notification Receipt Advice to the Gaining Mobile Carrier confirming that the Broadcast Port Cutover Notification has been received.	• Request ID
3.	NP-GMC Broadcast Port Cutover Completion Advice	Network Providers must inform the Gaining Mobile Carrier that the Port Cutover has been completed by returning a Broadcast Port Cutover Completion Advice to the Gaining MC.	• Request ID • Network Provider ID
4.	GMC- NP Broadcast Port Cutover Completion Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Network Providers confirming that the Broadcast Completion has been received.	• Request ID

8.5 Port Cutover Completion Advice

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	GMC – GCSP Port Cutover Completion Advice	Gaining Mobile Carrier sends a Port Cutover Completion Advice to the GCSP to confirm that they have sent a Broadcast Notification to the Network Providers.	• Request ID • Gaining MC ID
2.	GCSP–GMC Port Cutover Completion Receipt Advice	Gaining CSP sends a Receipt Advice to their Gaining Mobile Carrier confirming that the Port Cutover Completion Advice has been received	• Request ID
3.	LMC–LCSP Port Cutover Completion Advice	Losing Mobile Carrier sends a Port Cutover Completion Advice to the Losing CSP to confirm that the Port has been completed.	• Request ID • Losing MC ID
4.	LCSP–LMC Port Cutover Completion Receipt Advice	Losing CSP sends a Receipt Advice to their Losing Mobile Carrier confirming that the Port Cutover Completion Advice has been received.	• Request ID

8.6   Port Withdrawal Notification

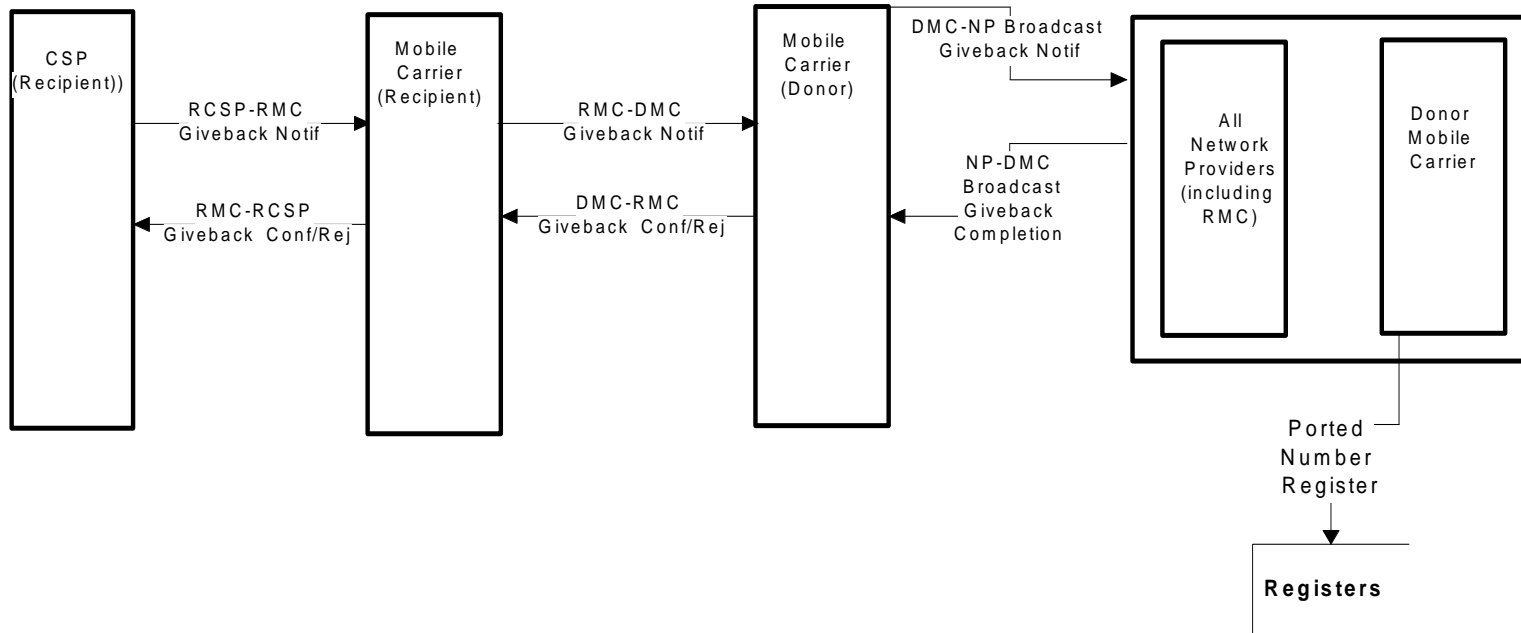| Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	GCSP-GMC Port Withdrawal Notification	Gaining CSP withdraws a Port Notification by sending a Port Withdrawal Notification to the Gaining Mobile Carrier	• Request ID • Gaining CSP ID
2.	GMC-GCSP Port Withdrawal Notification Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Gaining CSP confirming that the Port Withdrawal Notification has been received.	• Request ID
3.	GMC-LMC Port Withdrawal Notification	Gaining Mobile Carrier sends a Port Withdrawal Notification to the Losing Mobile Carrier.	• Request ID • Gaining CSP ID • Gaining MC ID
4.	LMC-GMC Port Withdrawal Notification Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Withdrawal Notification has been received.	• Request ID
5.	LMC-LCSP Port Withdrawal Notification	Losing Mobile Carrier sends a Port Withdrawal Notification to the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID
6.	LCSP-LMC Port Withdrawal Notification Receipt Advice	Losing CSP sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Withdrawal Notification has been received.	• Request ID
7.	LCSP-LMC Port Withdrawal Notification Confirmation	Losing CSP sends a Port Withdrawal Notification Confirmation Advice to the Losing Mobile Carrier confirming that the request to Port the MSN is able to be withdrawn as validated by the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
8.	LMC-LCSP Port Withdrawal Notification Confirmation Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to the Losing CSP confirming that the Port Withdrawal Notification Confirmation Advice has been received.	• Request ID
9.	LMC-GMC Port	Losing Mobile Carrier sends	• Request ID

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
	Withdrawal Notification Confirmation	a Port Withdrawal Notification Confirmation to the Gaining Mobile Carrier confirming that the request to Port the MSN is able to be withdrawn as validated by the Losing CSP and Losing Mobile Carrier.	• Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
10.	GMC-LMC Port Withdrawal Notification Confirmation Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Withdrawal Notification Confirmation Advice has been received.	• Request ID
11.	GMC-GCSP Port Withdrawal Notification Confirmation	Gaining Mobile Carrier sends a Port Withdrawal Notification Confirmation Advice to the Gaining CSP confirming that the request to Port the MSN is able to be withdrawn as validated by the Losing CSP and Losing Carrier.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID
12.	GCSP-GMC Port Withdrawal Notification Confirmation Receipt Advice	Gaining CSP sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Withdrawal Notification Confirmation Advice has been received.	• Request ID
13.	GMC-GCSP Port Withdrawal Notification Rejection	Gaining Mobile Carrier sends a Port Withdrawal Notification Rejection Advice to the Gaining CSP notifying that the request to withdraw the Port Notification has been rejected by the Gaining Mobile Carrier, Losing Mobile Carrier or Losing CSP	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code
14.	GCSP-GMC Port Withdrawal Notification Rejection Receipt Advice	Gaining CSP sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Withdrawal Notification Rejection Advice has been received.	• Request ID
15.	LMC-GMC Port Withdrawal Notification Rejection	Losing Mobile Carrier sends a Port Withdrawal Notification Rejection Advice to the Gaining Mobile Carrier notifying that the request to withdraw the	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
		Port Notification has been rejected by the Losing Mobile Carrier or Losing CSP.	• Losing CSP ID • Rejecting Party ID • Reject Code
16.	GMC-LMC Port Withdrawal Notification Rejection Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Withdrawal Notification Rejection Advice has been received.	• Request ID
17.	LCSP-LMC Port Withdrawal Notification Rejection	Losing CSP sends a Port Withdrawal Notification Rejection Advice to the Losing Mobile Carrier notifying that the request to withdraw the Port Notification has been rejected by the Losing CSP.	• Request ID • Gaining CSP ID • Gaining MC ID • Losing MC ID • Losing CSP ID • Rejecting Party ID • Reject Code
18.	LMC-LCSP Port Withdrawal Notification Rejection Receipt Advice	Losing Mobile Carrier sends a Receipt Advice to the Losing CSP confirming that the Port Withdrawal Notification Rejection Advice has been received.	• Request ID

8.7   Port Expiry Notification

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	LMC–GMC Port Expiry Notification	Losing Mobile Carrier sends a Port Expiry Notification to the Gaining Mobile Carrier if the Port Notification is active and confirmed and the Port Notification timeframe has expired (see Section 8).	• Request ID • Losing MC ID
2.	GMC–LMC Port Expiry Notification Receipt Advice	Gaining Mobile Carrier sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Expiry Notification has been received.	• Request ID
3.	GMC-GCSP Port Expiry Notification	Gaining Mobile Carrier sends a Port Expiry Notification to the Gaining CSP informing them that the Port Notification has expired	• Request ID • Losing MC ID • Gaining MC ID
4.	GCSP–GMC Port Expiry Notification Receipt Advice	Gaining CSP sends a Receipt Advice to the Gaining Mobile Carrier confirming that the Port Expiry Notification has been received.	• Request ID
5.	LMC – LCSP Port Expiry Notification	Losing Mobile Carrier sends a Port Expiry Notification to the Losing CSP informing them that the Port Notification has expired	• Request ID • Losing MC ID
6.	LCSP–LMC Port Expiry Notification Receipt Advice	Losing CSP sends a Receipt Advice to the Losing Mobile Carrier confirming that the Port Expiry Notification has been received.	• Request ID

8.8   Give Back Context Diagram

8.9   Give Back Notification

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	RCSP-RMC Give Back Notification	Recipient CSP initiates the Give Back of an MSN by sending a Give Back Notification to the Recipient Mobile Carrier after the expiry of the Quarantine period.	• Request ID • Recipient CSP ID • MSN • Cancellation Date • Give Back Reason
2.	RMC-RCSP Give Back Notification Receipt Advice	Recipient Mobile Carrier sends a Receipt Advice to the Recipient CSP confirming that the Give Back Notification has been received.	• Request ID
3.	RMC-RCSP Give Back Notification Confirmation Advice	Recipient Mobile Carrier sends a Give Back Notification Confirmation Advice to the Recipient CSP notifying that the request to Give Back the MSN has been confirmed after validation by the Recipient Mobile Carrier.	• Request ID • Recipient CSP ID • Recipient MC ID
4.	RCSP-RMC Give Back Notification Confirmation Receipt Advice	Recipient CSP sends a Receipt Advice to the Recipient Mobile Carrier confirming that the Give Back Notification Confirmation Advice has been received.	• Request ID
5.	RMC-RCSP Give Back Notification Rejection Advice	Recipient Mobile Carrier sends a Give Back Notification Rejection Advice to the Recipient CSP notifying that the request to Give Back the MSN has been rejected after validation by the Recipient Mobile Carrier.	• Request ID • Recipient CSP ID • Recipient MC ID • Rejecting Party • Reject Code
6.	RCSP-RMC Give Back Notification Rejection Receipt Advice	Recipient CSP sends a Receipt Advice to the Recipient Mobile Carrier confirming that the Give Back Notification Rejection Advice has been received.	• Request ID
7.	RMC-DMC Give Back Notification	Recipient Mobile Carrier sends the Give Back Notification to the Donor Mobile Carrier.	• Request ID • Recipient CSP ID • Recipient MC ID • MSN • Cancellation Date • Give Back Reason
8.	DMC-RMC Give Back	Donor Mobile Carrier sends a Receipt Advice to the	• Request ID

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
	Notification Receipt Advice	Recipient Mobile Carrier confirming that the Give Back Notification has been received.	
9.	DMC-RMC Give Back Notification Confirmation Advice	Donor Mobile Carrier sends a Give Back Notification Confirmation advice to the Recipient Mobile Carrier notifying that the request to Give Back the MSN has been confirmed after validation by the Donor Mobile Carrier.	• Request ID • Recipient CSP ID • Recipient MC ID • Donor MC ID
10.	RMC-DMC Give Back Notification Confirmation Receipt Advice	Recipient Mobile Carrier sends a Receipt Advice to the Donor Mobile Carrier confirming that the Give Back Notification Confirmation Advice has been received.	• Request ID
11.	DMC-RMC Give Back Notification Rejection Advice	Donor Mobile Carrier sends a Give Back Notification Rejection Advice to the Recipient Mobile Carrier notifying that the request to Give Back the MSN has been rejected after validation by the Donor Mobile Carrier.	• Request ID • Recipient CSP ID • Recipient MC ID • Donor MC ID • Rejecting Party • Reject Code
12.	RMC-DMC Give Back Notification Rejection Receipt Advice	Recipient Mobile Carrier sends a Receipt Advice to the Donor Mobile Carrier confirming that the Give Back Notification Rejection Advice has been received.	• Request ID

8.10   Broadcast Give Back Notification

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	DMC-NP Broadcast Give Back Notification	Donor Mobile Carrier sends a Broadcast Give Back Notification to all Network Providers (including the Recipient Mobile Carrier) to advise them to implement the Give Back.	• Request ID • MSN • Donor MC ID • Target Technology
2.	NP-DMC Broadcast Give Back Receipt Advice	All Network Providers send a Broadcast Give Back Receipt Advice to the Donor Mobile Carrier confirming that the Broadcast Give Back Notification has been received.	• Request ID

8.11 Broadcast Give Back Completion

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	NP-DMC Broadcast Give Back Completion	All Network Providers send a Broadcast Give Back Completion Advice to the Donor Mobile Carrier to advise that they have implemented the return of the MSN to the Donor Mobile Carrier in their Network.	• Request ID • Network Provider ID
2.	DMC-NP Broadcast Give Back Completion Receipt Advice	Donor Mobile Carrier sends a Receipt Advice to all Network Providers confirming that the Broadcast Give Back Notification has been received.	• Request ID

8.12 Technology Transfer Context Diagram
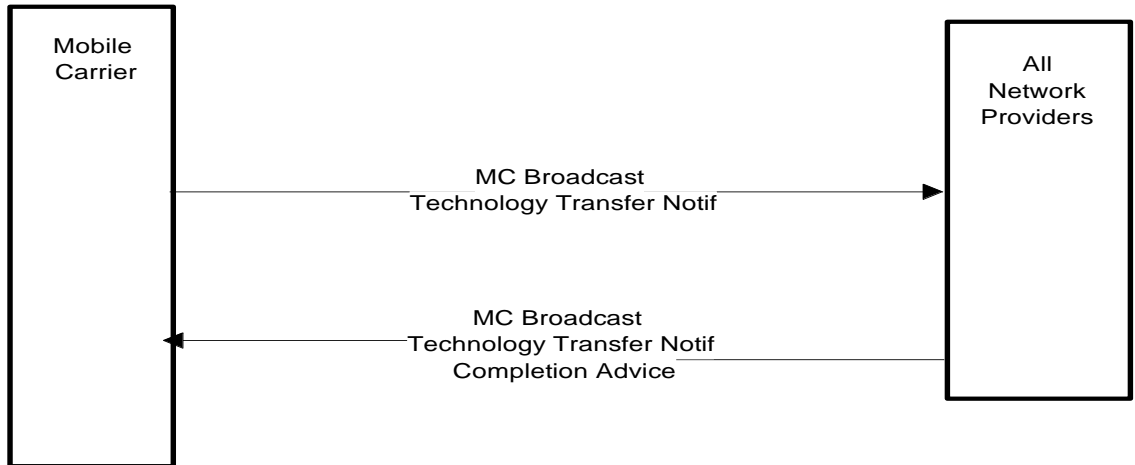
8.13   Technology Transfer Table

Doc Ref	Data Flow	Data Flow Description	Core Data Attribute Across Business Events
1.	MC-NP Broadcast Technology Transfer Notification	A Mobile Carrier sends a Broadcast Technology Transfer Notification to all Network Providers to advise them of the Technology Transfer of that MSN.	• Request ID • MSN • Mobile Carrier ID • Target Technology
2.	NP-MC Broadcast Technology Transfer Receipt Advice	All Network Providers send a Broadcast Technology Transfer Receipt Advice to the Mobile Carrier confirming that the Broadcast Technology Transfer Notification has been received.	• Request ID
3.	NP-MC Broadcast Technology Transfer Completion Advice	All Network Providers send a Broadcast Technology Transfer Completion Advice to the Mobile Carrier to advise that they have updated their systems.	• Request ID • Network Provider ID
4.	MC-NP Broadcast Technology Transfer Completion Receipt Advice	Mobile Carrier sends a Receipt Advice to all Network Providers confirming that the Broadcast Technology Transfer Notification has been received.	• Request ID

9 MNP PORTING TRANSACTION SEQUENCE DEPENDENCIES

9.1 Port Event
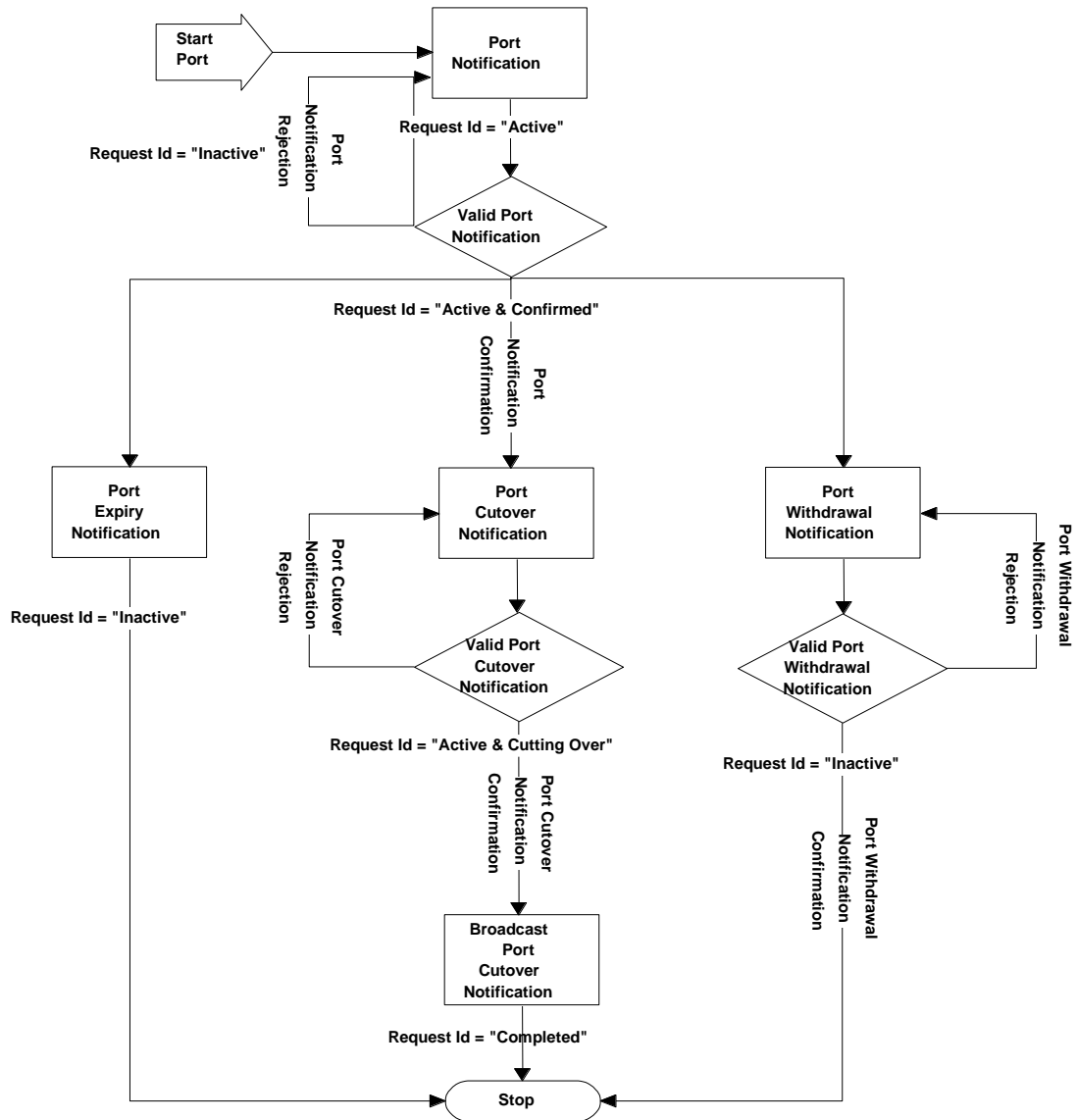
9.2   Give Back Event
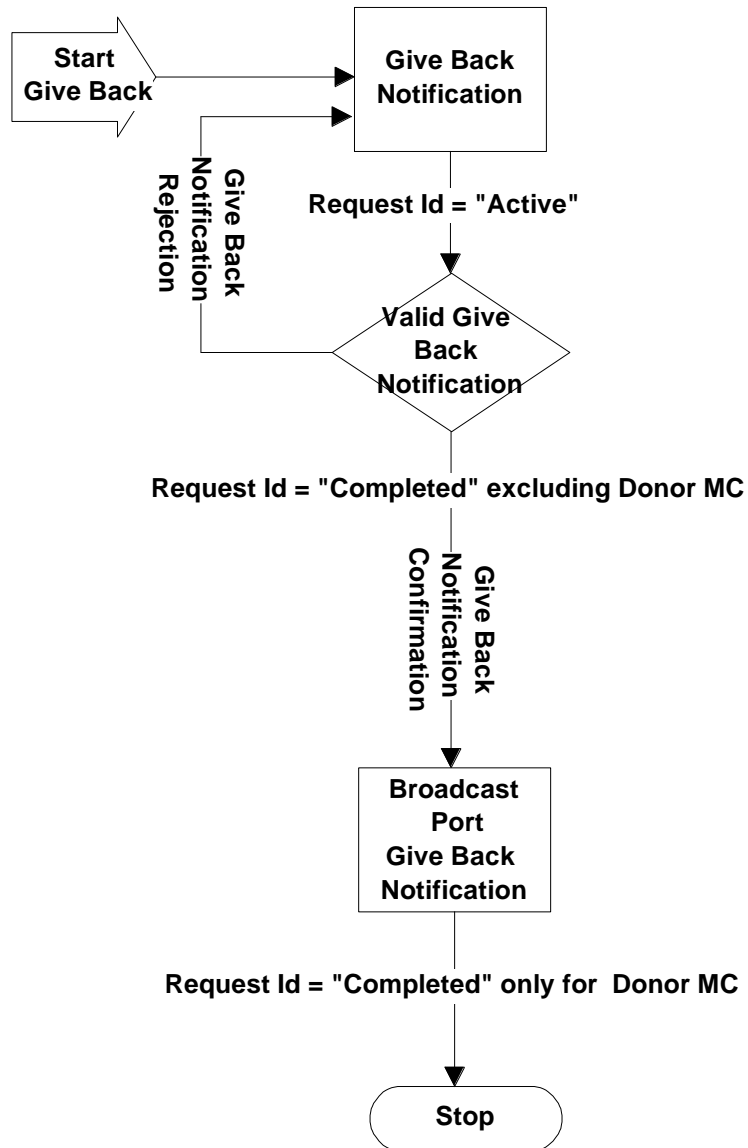
NOTE: A Give Back Notification becomes Inactive on rejection.

10 EVENT PROCESSING

10.1 Port Process Diagrams and Validations

10.1.1 Port Notification – Diagram
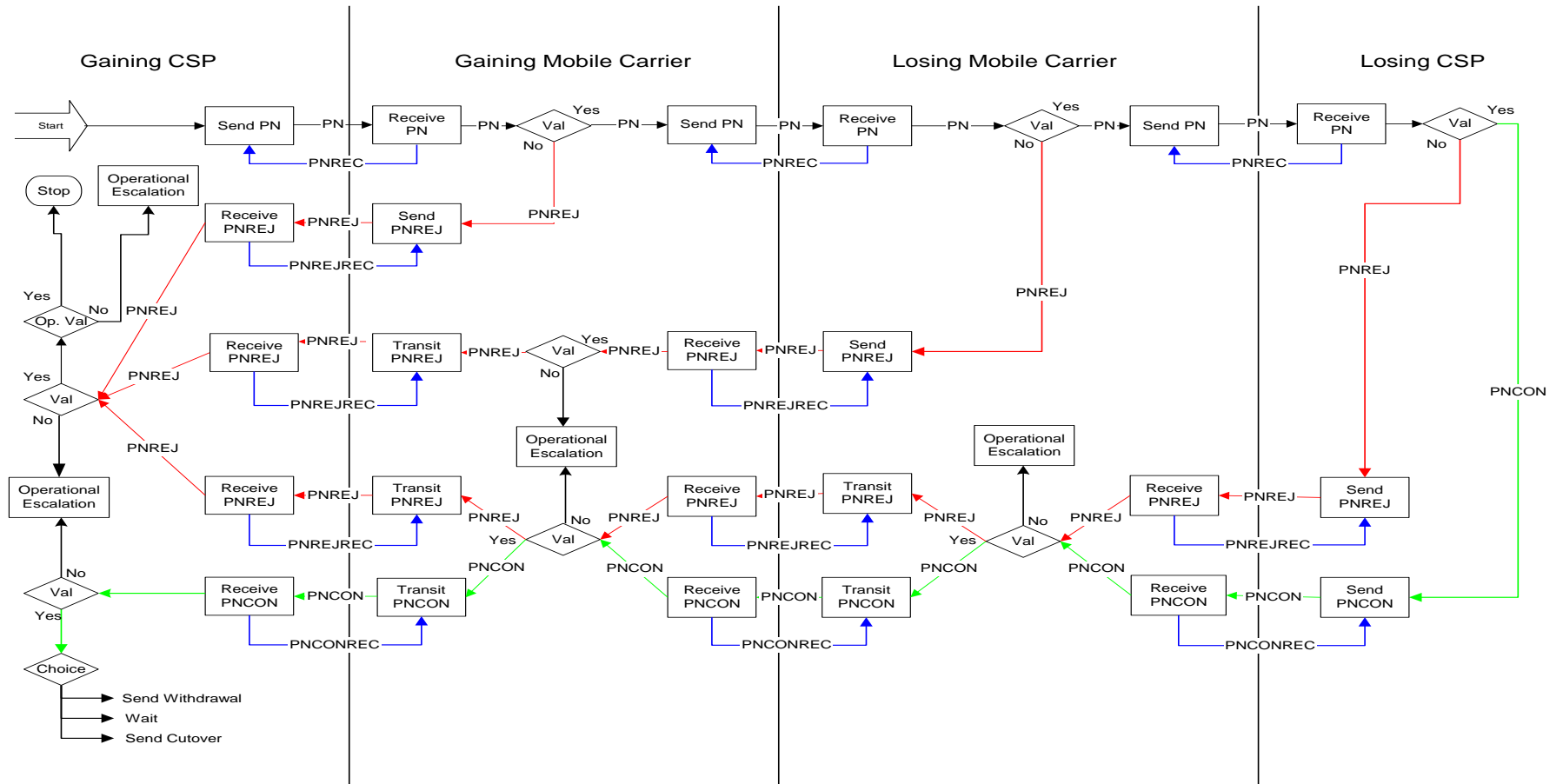
10.1.2   Port Cutover Notification – Diagram
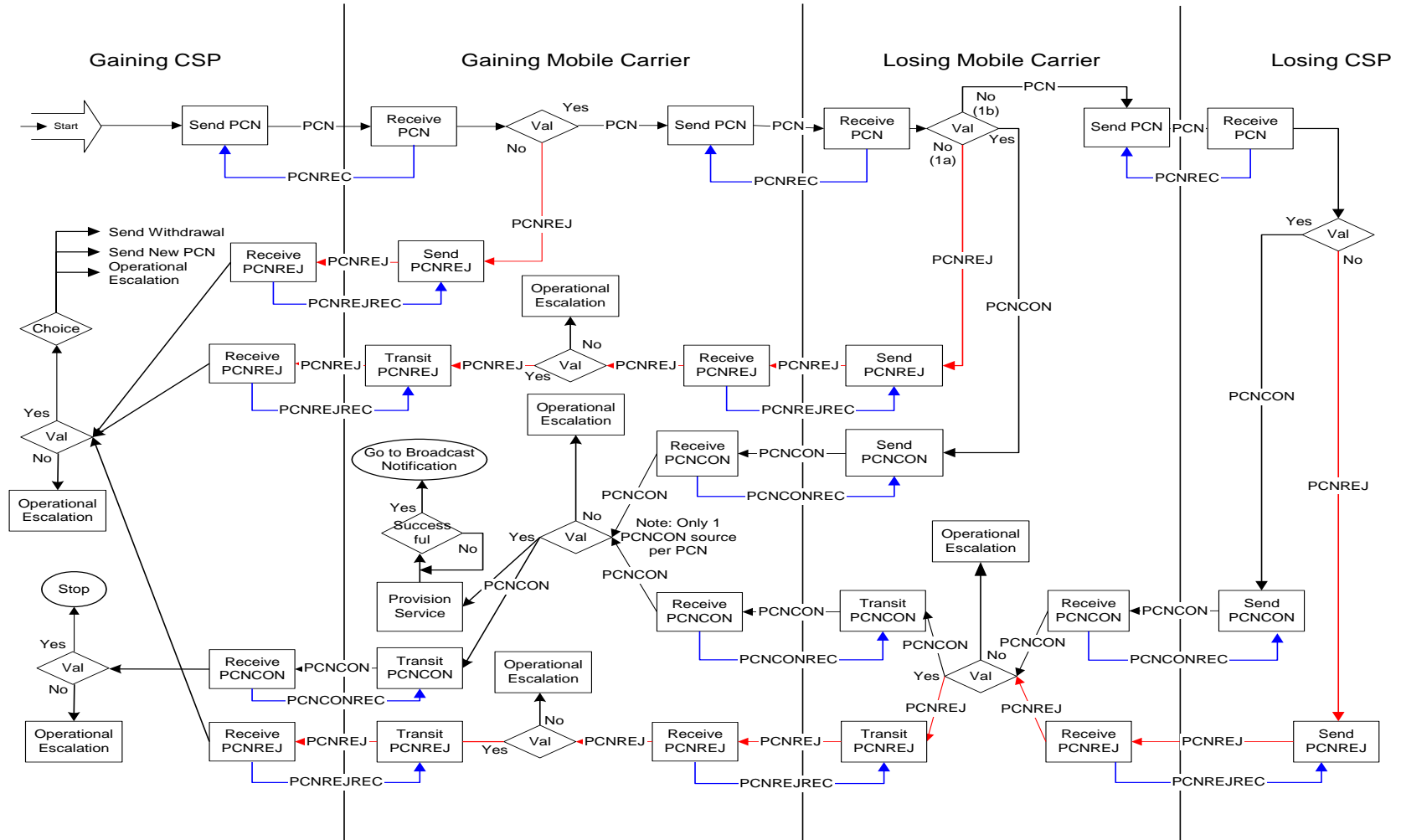
10.1.3 Broadcast Port Cutover Notification - Diagram

10.1.4　　Port Expiry Notification - Diagram

| Gaining CSP | Gaining Mobile Carrier | Losing Mobile Carrier | Losing CSP |
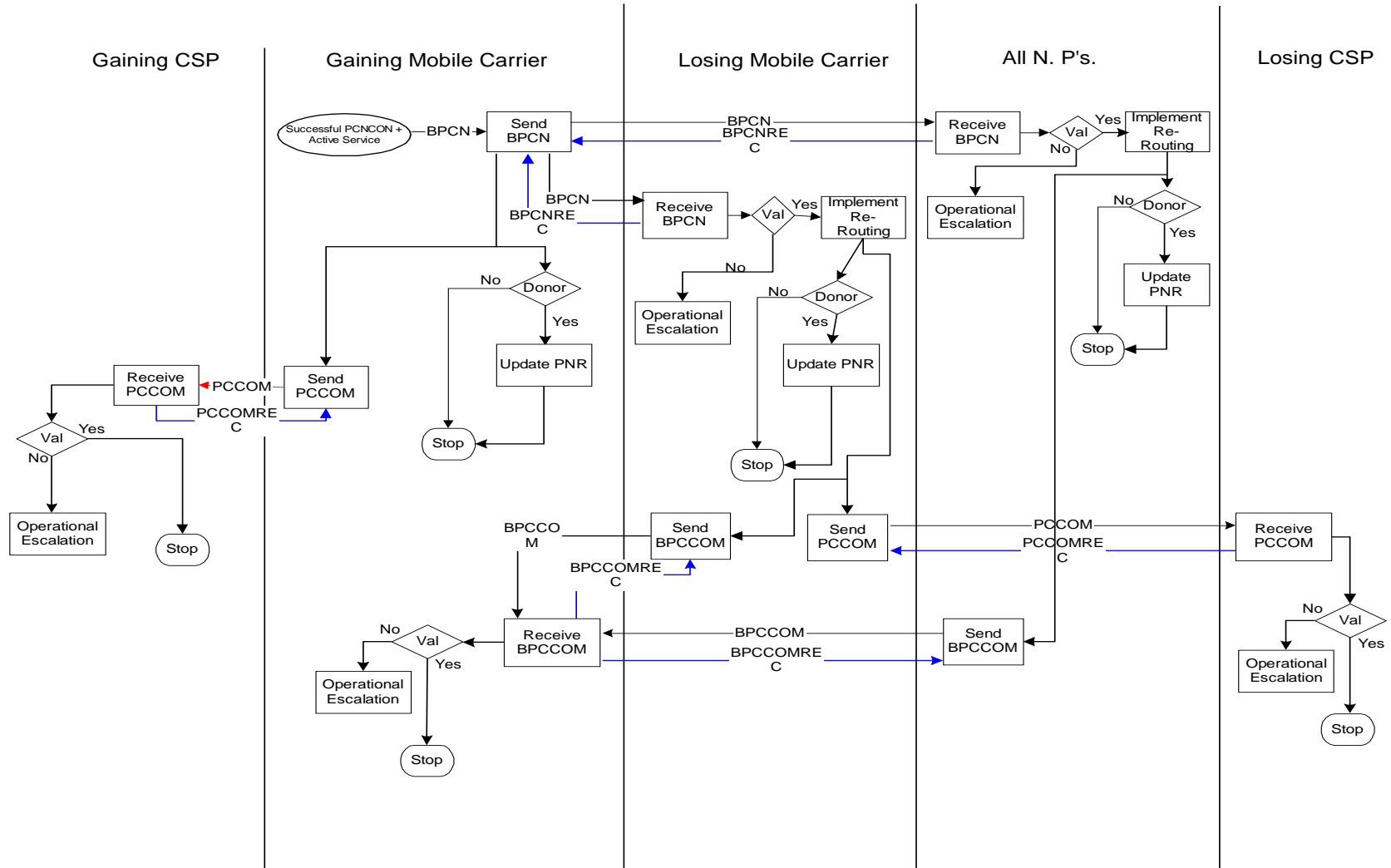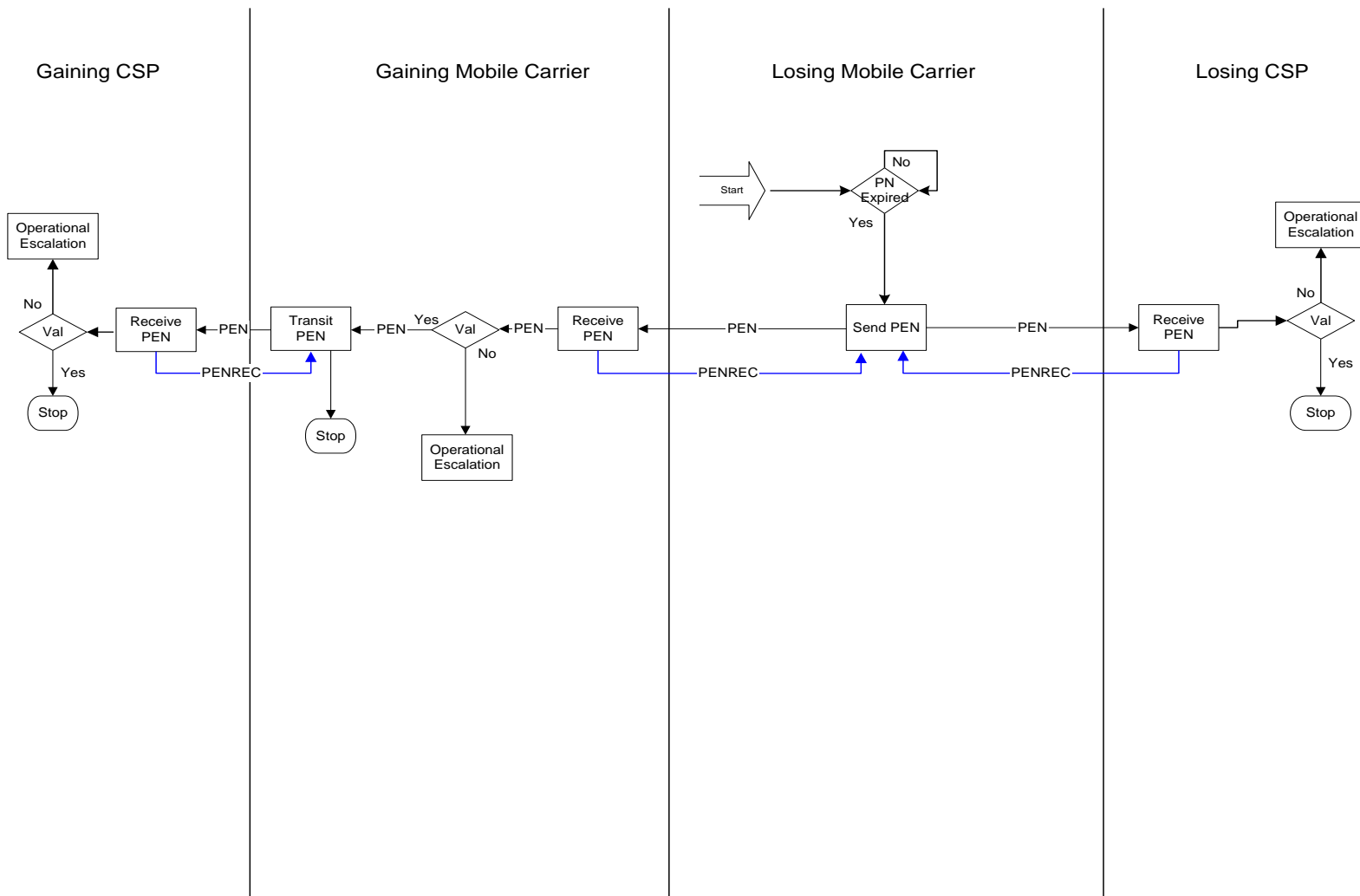
10.1.5 Port Withdrawal Notification – Diagram
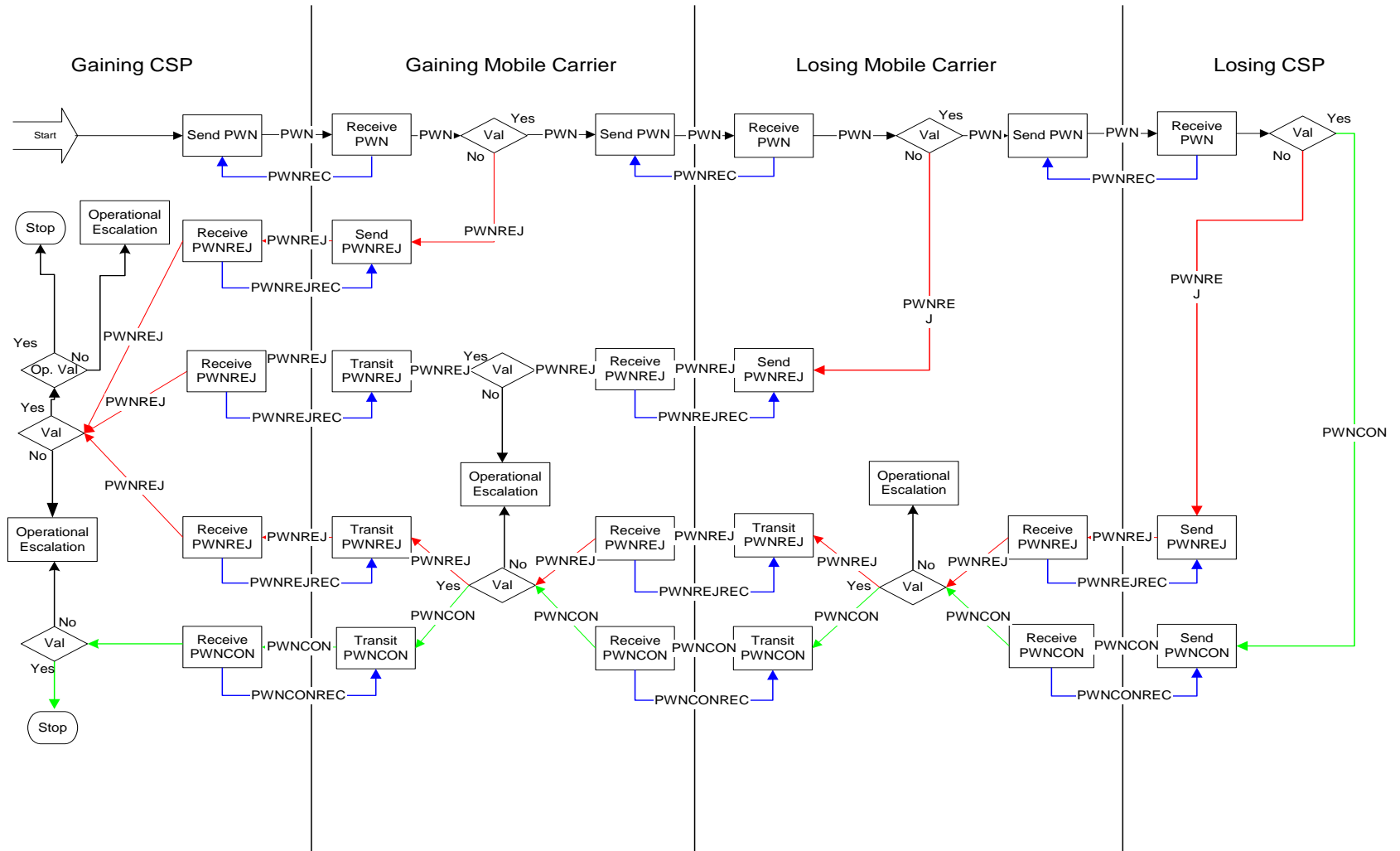
10.1.6 Common Validations –Table

	Process Name	Validations	Reject code
	Common Validations	(1) Data attributes do not conform to data definitions.	(1) 020
		(2) Request ID is not unique for a Port, Give Back or Technology Transfer request	(2) 077
		(3) Transaction out of sequence	(3) 059
		(4) Incorrect Destination Party	(4) 079

10.1.7 Port Notification – Table

	Process Name	Validations	Reject code
1.	Gaining CSP: **Sends Port Notification**	Trigger Point Event Commencement	
	Outcome / action	Gaining CSP sends a Port Notification to the Gaining Mobile Carrier	
2.	Gaining Mobile Carrier: **Receives Port Notification**	Trigger Point	
	Outcome / action	Gaining Mobile Carrier sends a Port Notification Receipt Advice to the Gaining CSP within 1 minute of receipt of the Port Notification	
3.	Gaining Mobile Carrier : **Validation**	(1) The number is not an MSN	(1) 001
		(2) The MSN has not been allocated to a Mobile Carrier	(2) 013
		(3) The Losing Mobile Carrier is the Gaining Mobile Carrier	(3) 052
		(4) See Common Validations	
	Outcome / action	1. Gaining Mobile Carrier validates the Port Notification and if found to be valid will send the Port Notification to the appropriate Losing Mobile Carrier for further Validations within 5 minutes of receipt of the Port Notification.	
		2. Gaining Mobile Carrier validates the Port Notification and if found to be invalid will send a Port Notification Rejection Advice back to the Gaining CSP within 5 minutes of receipt of the Port Notification. (Refer 23)	

	Process Name	Validations	Reject code
4.	Losing Mobile Carrier: **Receives Port Notification**	Trigger Point	
	Outcome / action	Losing Mobile Carrier sends a Port Notification Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Notification	
5.	Losing Mobile Carrier : **Validation**	(1) The MSN has not been allocated to the Losing Mobile Carrier (2) See Common Validations	(1) 013
	Outcome / action	1. Losing Mobile Carrier validates the Port Notification and if found to be valid will send the Port Notification onto the appropriate Losing CSP for further Validations within 5 minutes of receipt of the Port Notification. 2. Losing Mobile Carrier validates the Port Notification and if found to be invalid will send a Port Notification Rejection back to the Gaining Mobile Carrier within 5 minutes of receipt of the Port Notification (Refer 21)	
6.	Losing CSP: **Receives Port Notification**	Trigger Point	
	Outcome / action	Losing CSP sends a Port Notification Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Notification	
7.	Losing CSP: **Validation**	(1) The Losing CSP does not hold the MSN. (2) The Losing CSP has not issued the MSN. (3) The MSN is currently in the process of being Ported or Transferred. (4) The CA Authorisation Date is greater than 30 days prior to the receipt of the Port Notification. (5) The CA Authorisation Date is not greater than the current date (ie. receipt date) **When Previous Request ID is not provided = Port** (6) Account/reference or Date of Birth number not held (7) The MSN is not associated with the given Account/Reference number. (8) The MSN is not associated with the given Date of Birth. **Or**	(1) 016 (2) 003 (3) 008 (4) 067 (5) 067 (6) 058 (7) 017 (8) 070

	Process Name	Validations	Reject code
		When Previous Request ID is provided = Reversal	
		(9) The MSN is not associated with the given Previous Request ID that was completed.	(9) 071
		(10) Date of receipt of Reversal transaction is greater than six months from the date of the BN for that unauthorised Port	(10) 080
		(11) See Common Validations	
	Outcome / action	1. Losing CSP validates the Port Notification and if found to be valid will send the Port Notification Confirmation Advice to the Losing Mobile Carrier within 15 minutes of receipt of the Port Notification.	
		2. Losing CSP validates the Port Notification and if found to be invalid will send a Port Notification Rejection Advice to the Losing Mobile Carrier within 15 minutes of receipt of the Port Notification	
8.	Losing Mobile Carrier: **Receives Port Notification Confirmation/Rejection**	Trigger Point	
	Outcome / action	Losing Mobile Carrier sends a Port Notification Confirmation/Rejection Receipt Advice to the losing CSP within 1 minute of receipt of the Port Notification Confirmation/Rejection Advice.	
9.	Losing Mobile Carrier : **Validation**	(1) The Request ID is not active	(1) 041
		(2) See Common Validations	
	Outcome / action	1. Losing Mobile Carrier transits the Port Notification Confirmation/Rejection Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Notification Confirmation/Rejection Advice.	
		2. Confirmation of the Port Notification will commence the expiry count down.	
		3. The expiry date for a confirmed Port Notification will be set to 60 calendar days from the day following the date of Customer Authorisation.	
10.	Gaining Mobile Carrier: **Receives Port Notification Confirmation/Rejection**	Trigger Point	

	Process Name	Validations	Reject code
	Outcome / action	Gaining Mobile Carrier sends a Port Notification Confirmation/Rejection Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Notification Confirmation/Rejection Advice.	
11.	Gaining Mobile Carrier: **Validation**	(1) See Common Validations	
	Outcome / action	Gaining Mobile Carrier transits a Port Notification Confirmation/Rejection Advice to the Gaining CSP within 1 minute of receipt of the Port Notification Confirmation/Rejection Advice.	
12.	Gaining CSP: **Receives Port Notification Confirmation/Rejection**	Trigger Point	
	Outcome / action	Gaining CSP sends a Port Notification Confirmation/Rejection Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Notification Confirmation/Rejection Advice.	
13.	Gaining CSP: **Validation**	(1) See Common Validations	
	Outcome / action	1. If the Port Notification is confirmed and active the Port may proceed. 2. If the Port is rejected the Gaining CSP may submit a new Port Notification.	

10.1.8   Port Cutover Notification - Table

	Process Name	Validations	Reject code
1.	Gaining CSP: **Sends Port Cutover Notification**	Trigger Point	
	Outcome / action	Gaining CSP sends a Port Cutover Notification to the Gaining Mobile Carrier	
2.	Gaining Mobile Carrier: **Receives Port Cutover Notification**	Trigger Point	
	Outcome / action	Gaining Mobile Carrier sends a Port Cutover Notification Receipt Advice to the Gaining CSP within 1 minute of receipt of the Port Notification	
3.	Gaining Mobile Carrier : **Validation**	(1) The Request ID is not confirmed and active (2) See Common Validations	(1) 035
	Outcome / action	1. Gaining Mobile Carrier validates the Port Cutover Notification and if found to be valid will send the Port Cutover Notification to the appropriate Losing Mobile Carrier for further Validations within 5 minutes of receipt of the Port Cutover Notification. 2. Gaining Mobile Carrier validates the Port Cutover Notification and if found to be invalid will send a Port Cutover Notification Rejection to the Gaining CSP within 5 minutes of receipt of the Port Cutover Notification (Refer 25)	
4.	Losing Mobile Carrier: **Receives Port Cutover Notification**	Trigger Point	
	Outcome / action	Losing Mobile Carrier sends a Port Cutover Notification Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Cutover Notification.	
5.	Losing Mobile Carrier : **Validation**	(1) The Request ID is not confirmed and active (2) MSN not currently connected to the Losing Mobile Carrier's network (**warning code**) (3) See Common Validations	(1) 035 (2) WC1

	Process Name	Validations	Reject code
	Outcome / action	1. Losing Mobile Carrier validates the Port Cutover Notification.	
		2. If found to be valid the Losing Mobile Carrier will send a Port Cutover Notification Confirmation Advice to the Gaining Mobile Carrier within 5 minutes of receipt of the Port Cutover Notification (Refer 19)	
		3. If found to be invalid for rule (1) the Losing Mobile Carrier will send a Port Cutover Notification Rejection Advice to the Gaining Mobile Carrier within 5 minutes of receipt of the Port Cutover Notification (Refer 21)	
		4. If found to be invalid for rule (2) the Losing Mobile Carrier will send the Port Cutover Notification to the Losing CSP for further validation (Refer 13)	
6.	Losing CSP: **Receives Port Cutover Notification**	Trigger Point	
	Outcome / action	Losing CSP sends a Port Cutover Notification Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Cutover Notification.	
7.	Losing CSP : **Validation**	(1) The Request ID is not confirmed and active	(1) 035
		(2) The Losing CSP has not Issued the MSN	(2) 003
		(3) See Common Validations	
	Outcome / action	1. If found to be valid the Losing CSP will send a Port Cutover Notification Confirmation Advice back to the Losing Mobile Carrier within 15 minutes of receipt of the Port Cutover Notification.	
		2. If found to be invalid for the Losing CSP will send a Port Cutover Notification Rejection Advice to the Losing Mobile Carrier within 15 minutes of receipt of the Port Cutover Notification.	
8.	Losing Mobile Carrier: **Receives Port Cutover Notification Confirmation/Rejection**	Trigger Point	
	Outcome / action	Losing Mobile Carrier sends a Port Cutover Notification Confirmation/Rejection Receipt Advice to the Losing CSP within 1 minute of	

	Process Name	Validations	Reject code
		receipt of the Port Cutover Notification Confirmation/Rejection Advice.	
9.	Losing Mobile Carrier: **Validation**	(1) See Common Validations	
	Outcome / action	Losing Mobile Carrier transits the Port Cutover Notification Confirmation/Rejection Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Cutover Confirmation/Rejection Advice.	
10.	Gaining Mobile Carrier: **Receives Port Cutover Confirmation**	Trigger Point	
	Outcome / action	1. Gaining Mobile Carrier sends a Port Cutover Notification Confirmation Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Cutover Notification Confirmation Advice. 2. Gaining Mobile Carrier provisions the mobile service on their network. Note: Refer Broadcast Port Cutover Notification)	
11.	Gaining Mobile Carrier: **Receives Port Cutover Rejection**	Trigger Point	
	Outcome / action	Gaining Mobile Carrier sends a Port Cutover Notification Rejection Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Cutover Notification Rejection Advice.	
12.	Gaining Mobile Carrier: **Validations**	(1) See Common Validations	
	Outcome / action	Gaining Mobile Carrier transits a Port Cutover Notification Rejection Advice to the Gaining CSP within 1 minute of receipt of the Port Cutover Notification Rejection Advice	
13.	Gaining CSP: **Receives Port Cutover Confirmation**	Trigger Point	
	Outcome / action	1. Gaining CSP sends a Port Cutover Notification Confirmation Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Cutover Notification Confirmation Advice. 2. The Gaining CSP may undertake an Operational Escalation.	

	Process Name	Validations	Reject code
14.	Gaining CSP: **Receives Port Cutover Rejection**	Trigger Point	
	Outcome / action	1. Gaining CSP sends a Port Cutover Notification Rejection Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Cutover Notification Rejection Advice. 2. The Gaining CSP may Withdraw the Port Notification, send another Port Cutover Notification or undertake an Operational Escalation.	

10.1.9   Broadcast Port Cutover Notification – Table

	Process Name	Validations	Reject code
1.	Gaining Mobile Carrier : **Send Broadcast Port Cutover Notification**	Trigger point – Receipt of a Port Cutover Notification Confirmation Advice	
	Outcome / action	1. The Gaining Mobile Carrier will provision service in its Network. 2. The Gaining Mobile Carrier will send a Broadcast Port Cutover Notification to all other Network Providers within 2 hours of the receipt of the Port Cutover Notification Confirmation Advice, and up until 20 minutes prior to the end of Standard Hours of Operation. If within 20 minutes prior to the end of Standard Hours of Operation, the Gaining Mobile Carrier will send the Broadcast Port Cutover Notification at the commencement of Standard Hours of Operations the next business day. 3. Within 1 minute of sending the Broadcast Port Cutover Notification, the Gaining Mobile Carrier will send a Port Cutover Completion Advice to the GCSP.	
2.	All Network Providers : **Receive Broadcast Port Cutover Notification**	Trigger point	
	Outcome / action	All Network Providers send a Broadcast Port Cutover Notification Receipt to the Gaining Mobile Carrier within 1 minute of receipt of the Broadcast Port Cutover Notification.	
3.	All Network Providers: **Validation**	(1) Data attributes do not conform to data definitions.	(1) 020
	Outcome / action	1. All Network Providers validate the Broadcast Port Cutover Notification and if found to be valid all Network Providers will implement re-routing on their Networks. 2. All Network Providers validate the Broadcast Port Cutover Notification and if found to be invalid, the Network Providers will undertake an Operational Escalation.	
4.	All Network Providers :	Trigger point	

	Process Name	Validations	Reject code
	Implement Re-routing		
	Outcome / action	All Network Providers will establish Re-routing on their Networks and then send a Broadcast Port Cutover Notification Completion Advice back to the Gaining Mobile Carrier within 15 minutes of receipt of the Broadcast Port Cutover Notification.	
5.	Gaining Mobile Carrier : **Receives Broadcast Port Cutover Completion**	Trigger point	
	Outcome / action	1. Gaining Mobile Carrier sends a Broadcast Port Cutover Completion Receipt Advice to the Network Provider within 1 minute of receipt of the Broadcast Port Cutover Completion. 2. On receiving all Broadcast Port Cutover Completion Advice's from all the Network Providers the Port request will be considered completed and inactive.	
6.	Gaining Mobile Carrier: **Validation**	(1) See Common Validations	
	Outcome / action	1. Gaining Mobile Carrier validates the Broadcast Port Cutover Completion Advice and if found to be valid the Port request will be considered completed and inactive. 2. Gaining Mobile Carrier validates the Broadcast Port Cutover Completion Advice and if found to be invalid will undertake an Operational Escalation to the Network Provider.	
7.	Gaining CSP: **Receives Port Cutover Completion Advice**	Trigger point	
	Outcome / action	Gaining CSP will send a Port Cutover Completion Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Cutover Completion Advice.	
8.	Gaining CSP: **Validation**	(1) See Common Validations	
	Outcome / action	1. Gaining CSP validates the Port Cutover Completion Advice and if found to be	

	Process Name	Validations	Reject code
		valid the Port request will be considered completed and inactive.	
		2. Gaining CSP validates the Port Cutover Completion Advice and if found to be invalid will undertake an Operational Escalation to the Gaining Mobile Carrier.	
9.	Losing Mobile Carrier : **Send Port Cutover Completion Advice**	Trigger point	
	Outcome / action	Losing Mobile Carrier will send a Port Cutover Completion Advice to the Losing CSP within 1 minute of sending the Broadcast Port Cutover Completion Advice.	
10.	Losing CSP: **Receives Port Cutover Completion Advice**	Trigger Point	
	Outcome / action	Losing CSP sends a Port Cutover Completion Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Cutover Completion Advice.	
11.	Losing CSP: **Validation**	(1) See Common Validations	
	Outcome / action	1. Losing CSP validates the Port Cutover Completion Advice and if found to be valid the Port request will be considered completed and inactive.	
		2. Losing CSP validates the Port Cutover Completion Advice and if found to be invalid will undertake an Operational Escalation to the Losing Mobile Carrier.	
12.	**Donor: Updates Register**	Trigger point	
	Outcome / action	Once the Donor Mobile Carrier has established Re-routing the Donor Mobile Carrier will update its Ported Number Register.	

10.1.10   Port Withdrawal Notification – Table

	Process Name	Validations	Reject code
1.	Gaining CSP: **Sends Port Withdrawal Notification**	Trigger Point - Port no longer required by customer.	
	Outcome / action	Gaining CSP sends a Port Withdrawal Notification to the Gaining Mobile Carrier.	
2.	Gaining Mobile Carrier: **Receives Port Withdrawal Notification**	Trigger Point	
	Outcome / action	Gaining Mobile Carrier sends a Port Withdrawal Notification Receipt Advice to the Gaining CSP within 1 minute of receipt of the Port Withdrawal Notification.	
3.	Gaining Mobile Carrier : **Validation**	(1) Request ID not confirmed and active (2) See Common Validations	(1) 035
	Outcome / action	1. Gaining Mobile Carrier validates the Port Withdrawal Notification and if found to be valid will send the Port Withdrawal Notification onto the appropriate Losing Mobile Carrier for further Validations within 5 minutes of receipt of the Port Withdrawal Notification. 2. Gaining Mobile Carrier validates the Port Withdrawal Notification and if found to be invalid will send a Port Withdrawal Notification Rejection Advice back to the Gaining CSP within 5 minutes of receipt of the Port Withdrawal Notification. (Refer 23)	
4.	Losing Mobile Carrier: **Receives Port Withdrawal Notification**	Trigger Point	
	Outcome / action	Losing Mobile Carrier sends a Port Withdrawal Notification Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Withdrawal Notification	
5.	Losing Mobile Carrier : **Validation**	(1) Request ID not confirmed and active (2) See Common Validations	(1) 035
	Outcome / action	1. Losing Mobile Carrier validates the Port Withdrawal Notification and if found to be valid will send the Port Withdrawal Notification onto the appropriate Losing CSP for further Validations within 5	

	Process Name	Validations	Reject code
		minutes of receipt of the Port Withdrawal Notification.	
		2. Losing Mobile Carrier validates the Port Withdrawal Notification and if found to be invalid will send a Port Withdrawal Notification Rejection back to the Gaining Mobile Carrier within 5 minutes of receipt of the Port Withdrawal Notification (Refer 21)	
6.	Losing CSP: **Receives Port Withdrawal Notification**	Trigger Point	
	Outcome / action	Losing CSP sends a Port Withdrawal Notification Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Withdrawal Notification	
7.	Losing CSP : **Validation**	(1) Request ID not confirmed and active (2) See Common Validations	(1) 035
	Outcome / action	1. Losing CSP validates the Port Withdrawal Notification and if found to be invalid will send a Port Withdrawal Notification Rejection Advice to the Losing Mobile Carrier within 15 minutes of receipt of the Port Withdrawal Notification 2. Losing CSP validates the Port Withdrawal Notification and if valid will make the Port Notification inactive in their systems and send the Port Withdrawal Notification Confirmation Advice to the Losing Mobile Carrier within 15 minutes of receipt of the Port Withdrawal Notification.	
8.	Losing Mobile Carrier: **Receives Port Withdrawal Notification Confirmation/Rejection**	Trigger Point	
	Outcome / action	Losing Mobile Carrier sends a Port Withdrawal Notification Confirmation/Rejection Receipt Advice to the Losing CSP within 1 minute of receipt of the Port Withdrawal Notification Confirmation/Rejection Advice.	
9.	Losing Mobile Carrier: **Validate**	(1) See Common Validations	
	Outcome / action	1. Losing Mobile Carrier validates the Port Withdrawal Notification Confirmation/Rejection Advice and if found to be valid will update its systems and transits the Port Withdrawal	

	Process Name	Validations	Reject code
		Notification Confirmation/Rejection Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Withdrawal Notification Confirmation/Rejection Advice. 2. Losing Mobile Carrier validates the Port Withdrawal Notification Confirmation/Rejection Advice and if found to be invalid will undertake an Operational Escalation to the LCSP.	
10.	Gaining Mobile Carrier: **Receives Port Withdrawal Notification Confirmation/Rejection**	Trigger Point	
	Outcome / action	Gaining Mobile Carrier sends a Port Withdrawal Notification Confirmation/Rejection Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Withdrawal Notification Confirmation/Rejection Advice.	
11.	Gaining Mobile Carrier: **Validation**	(1) See Common Validations	
	Outcome / action	1. Gaining Mobile Carrier validates the Port Withdrawal Notification Confirmation/Rejection Advice and if found to be valid will update its systems and transits the Port Withdrawal Notification Confirmation/Rejection Advice to the Gaining CSP within 1 minute of receipt of the Port Withdrawal Notification Confirmation/Rejection Advice. 2. Gaining Mobile Carrier validates the Port Withdrawal Notification Confirmation/Rejection Advice and if found to be invalid will undertake an Operational Escalation to the Losing Mobile Carrier.	
12.	Gaining CSP: **Receives Port Withdrawal Notification Confirmation/Rejection**	Trigger Point	
	Outcome / action	Gaining CSP sends a Port Withdrawal Notification Confirmation/Rejection Receipt Advice to the Gaining Mobile Carrier within 1 minute of receipt of the Port Withdrawal Notification Confirmation/Rejection Advice.	

	Process Name	Validations	Reject code
13.	Gaining CSP: **Validation**	(1) See Common Validations	
	Outcome / action	1. Gaining CSP validates the Port Withdrawal Notification Confirmation/Rejection Advice and if found to be valid will update its systems 2. Gaining CSP validates the Port Withdrawal Notification and if found to be invalid will undertake an Operational Escalation to the Gaining Mobile Carrier.	

10.1.11   Port Expiry Notification – Table

	Process Name	Validations	Reject code
1.	Losing Mobile Carrier : **Sends Port Expiry Notification**	Trigger point	
	Outcome / action	60 Calendar days from the day following the CA Authorisation Date the Losing Mobile Carrier sends a Port Expiry Notification to the Gaining Mobile Carrier and the Losing CSP within the window 15 minutes before the end of that Business day or at the commencement of Standard Hours of Operation the next Business Day. Where that day is not a Business Day the Port Expiry Notification will be sent at the commencement of the next Business Day. Note: The day of authorisation of a CA or RA is Day 0.	
2.	Gaining Mobile Carrier : **Receives Port Expiry Notification**	Trigger point	
	Outcome / action	Gaining Mobile Carrier sends a Port Expiry Notification Receipt Advice to the Losing Mobile Carrier within 1 minute of receipt of the Port Expiry Notification.	
3.	Gaining Mobile Carrier : **Validation**	(1) See Common Validations	
	Outcome / action	1. Gaining Mobile Carrier validates the Port Expiry Notification and if found to be valid the Port request will be made inactive. 2. Gaining Mobile Carrier validates the Port Expiry Notification and if found to be valid will transit the Port Expiry Notification to the Gaining CSP. 3. Gaining Mobile Carrier validates the Port Expiry Notification and if found to be invalid will undertake an Operational Escalation to the Losing Mobile Carrier	
4.	Gaining CSP: **Receives Port Expiry Notification**	Trigger point	
	Outcome / action	Gaining CSP sends a Port Expiry Receipt to the Gaining Mobile Carrier within 1 minute of receipt of the Port Expiry Notification.	

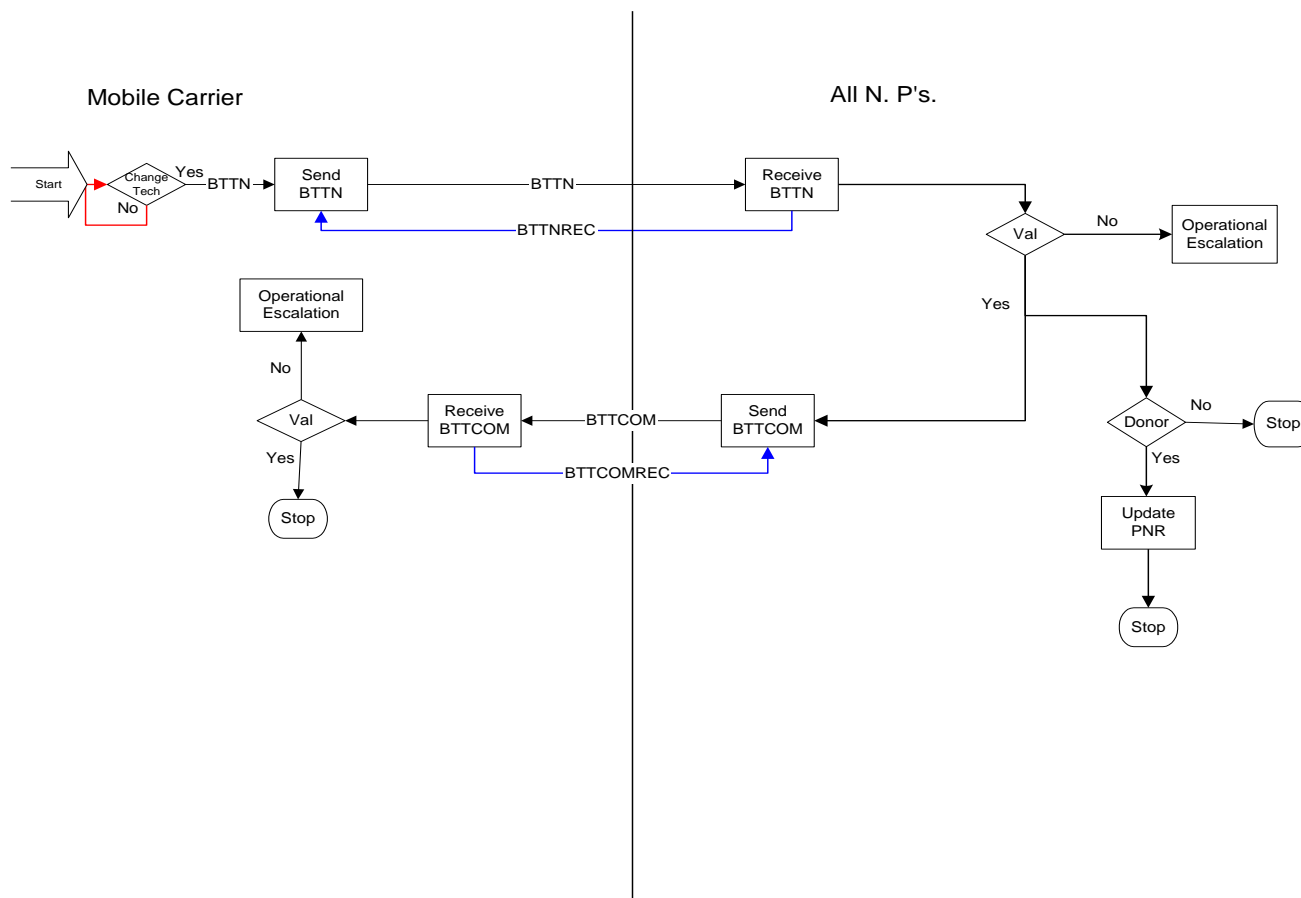|	Process Name	Validations	Reject code
5.	Gaining CSP: **Validation**	(1) See Common Validations	
	Outcome / action	1. Gaining CSP validates the Port Expiry Notification and if found to be valid the Port request will be made inactive. 2. Gaining CSP validates the Port Expiry Notification and if found to be invalid will undertake an Operational Escalation to the Gaining Mobile Carrier.	
6.	Losing CSP: **Receives Port Expiry Notification**	Trigger point	
	Outcome / action	1. Losing CSP sends an Port Expiry Notification Receipt to the Losing Mobile Carrier within 1 minute of receipt of the Expiry Notification. 2. Once an Expiry Notification is received the Port request is made inactive.	
7.	Losing CSP: **Validation**	(1) See Common Validations	
	Outcome / action	1. Losing CSP validates the Port Expiry Notification and if found to be valid the Port request will be made inactive. 2. Losing CSP validates the Port Expiry Notification and if found to be invalid will undertake an Operational Escalation to the Losing Mobile Carrier.	

10.2　Technology Transfer Process Diagrams and Validations

10.2.1　Broadcast Technology Transfer Notification - Diagram

Mobile Carrier

All N. P's.

Start

Change Tech
Yes
No

BTTN

Send BTTN

BTTN

Receive BTTN

BTTNREC

Val
No
Yes

Operational Escalation

Donor
No
Yes

Stop

Operational Escalation

No

Val

Yes

Stop

Receive BTTCOM

BTTCOM

Send BTTCOM

BTTCOMREC

Update PNR

Stop

10.2.2   Broadcast Technology Transfer Notification – Table

	Process Name	Validations	Reject code
1.	Mobile Carrier: **Sends Broadcast Technology Transfer Notification**	Trigger Point - Change of Network Type for a given MSN	
	Outcome / action	The Mobile Carrier will update its network then sends a Broadcast Technology Transfer Notification within 5 minutes from the time the MSN Network technology is changed, to all other Network Providers up until 20 minutes prior to the end of Standard Hours of Operation. If the Broadcast Technology Transfer Notification is not sent within 20 minutes prior to the end of Standard Hours of Operation, the Mobile Carrier will send the Broadcast Technology Transfer Notification at the commencement of Standard Hours of Operation the next Business Day.	
2.	All Network Providers: **Receive Broadcast Technology Transfer Notification**	Trigger point	
	Outcome / action	All Network Providers send a Broadcast Technology Transfer Notification Receipt Advice to the Mobile Carrier within 1 minute of receipt of the Broadcast Technology Transfer Notification.	
3.	All Network Providers: **Validation**	(1) Data attributes do not conform to data definitions.	(1) 020
	Outcome / action	1. All Network Providers validate the Broadcast Technology Transfer Notification and if found to be valid all Network Providers will update their systems. 2. All Network Providers validate the Broadcast Technology Transfer Notification and if found to be invalid, the Network Providers will undertake an Operational Escalation.	
4.	All Network Providers: **Update Systems**	Trigger point	
	Outcome / action	All Network Providers will update their systems to record the Technology Transfer for the given MSN and then send a Broadcast Technology Transfer Notification Completion	

	Process Name	Validations	Reject code
		Advice back to the Mobile Carrier within 15 minutes of receipt of the Broadcast Technology Transfer Notification.	
5.	Mobile Carrier: **Receives Broadcast Technology Transfer Completion**	Trigger point	
	Outcome / action	Mobile Carrier sends a Broadcast Technology Transfer Completion Receipt Advice to the Network Providers within 1 minute of receipt of the Broadcast Technology Transfer Completion Advice.	
6.	Gaining Mobile Carrier: **Validation**	(1) See Common Validations	
	Outcome / action	1. On receiving all Broadcast Technology Transfer Notification Advice's from all relevant Network Providers and if found to be valid the Technology Transfer request will be completed. 2. Mobile Carrier validates the Broadcast Technology Transfer Completion Advice and if found to be invalid will undertake an Operational Escalation to the appropriate Network Provider/s.	
7.	**Donor Updates Register**	Trigger point	
	Outcome / action	Once the Donor Mobile Carrier has updated its systems to record the Technology Transfer for the given MSN, The Donor Mobile Carrier will update its Ported Number Register.	

10.3 Give Back Diagrams and Validations

10.3.1 Give Back - Diagram
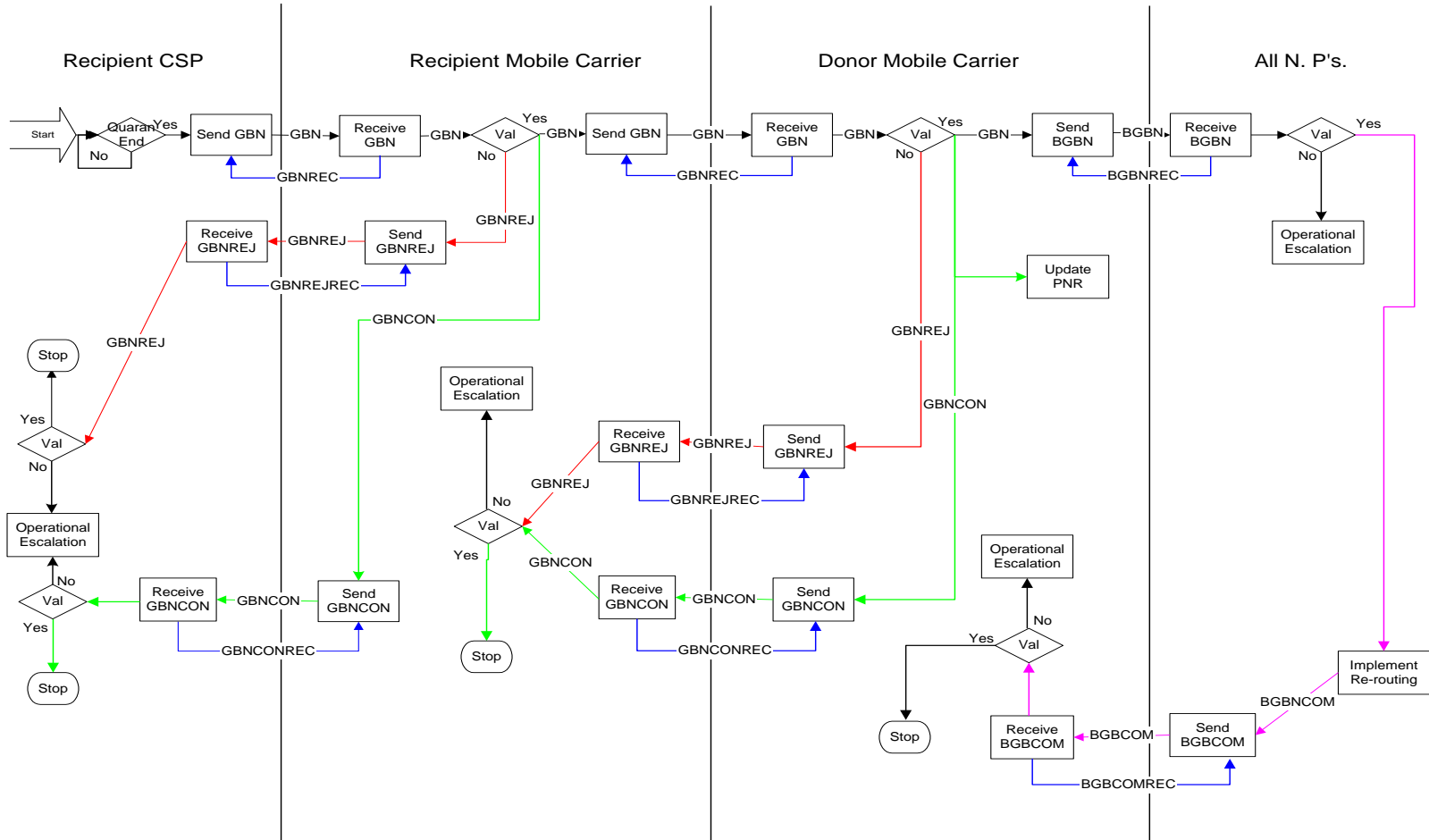
10.3.2   Give Back – Table

	Process Name	Validations	Reject code
1.	Recipient CSP: **Sends Give Back Notification**	Trigger point = minimum quarantine period ended	
	Outcome / action	Recipient CSP sends a Give Back Notification to the Recipient Mobile Carrier on the next Business Day following expiry of the relevant Quarantine period.	
2.	Recipient Mobile Carrier : **Receives Give Back Notification**	Trigger point	
	Outcome / action	Recipient Mobile Carrier sends a Give Back Receipt Advice to the Recipient CSP within 1 minute of receipt of the Give Back Notification.	
3.	Recipient Mobile Carrier: **Validation**	(1) The Recipient Mobile Carrier does not have the MSN on its network for the Recipient CSP (2) MSN active on Mobile Network (3) Recipient Mobile Carrier is Donor Mobile Carrier (4) See Common Validations	(1) 016 (2) 038 (3) 014
	Outcome / action	1. Recipient Mobile Carrier validates the Give Back Notification and if valid sends a Give Back Notification Confirmation Advice to the Recipient CSP within 5 minutes of receipt of the Give Back Notification. 2. Recipient Mobile Carrier validates the Give Back Notification and if invalid sends a Give Back Notification Rejection Advice to the Recipient CSP within 5 minutes of receipt of the Give Back Notification. 3. Recipient Mobile Carrier validates the Give Back Notification and if valid sends the Give Back Notification to the Donor Mobile Carrier for further validation within 5 minutes of receipt of the Give Back Notification.	
4.	Recipient CSP: **Receives Give Back Notification Confirmation/Rejection**	Trigger point	

	Process Name	Validations	Reject code
	Outcome / action	Recipient CSP sends a Give Back Notification Confirmation/Rejection Receipt Advice to the Recipient Mobile Carrier within 1 minute of receipt of the Give Back Notification Confirmation/Rejection Advice.	
5.	Recipient CSP: **Validation**	(1) See Common Validations	
	Outcome / action	The Recipient CSP must update their systems or undertake an Operational Escalation.	
6.	Recipient Mobile Carrier: **Sends Give Back Notification**	Trigger point	
	Outcome / action	Recipient Mobile Carrier sends a Give Back Notification to the Donor Mobile Carrier within 1 minute of receipt of the Give Back Notification.	
7.	Donor Mobile Carrier : **Receives Give Back Notification**	Trigger point	
	Outcome / action	Donor Mobile Carrier sends a Give Back Notification Receipt Advice to the Recipient Mobile Carrier within 1 minute of receipt of the Give Back Notification.	
8.	Donor Mobile Carrier : **Validation**	(1) The MSN is not within the allocated number range (2) MSN not Ported (3) See Common Validations	(1) 013 (2) 078

	Process Name	Validations	Reject code
	Outcome / action	1. Donor Mobile Carrier validates the Give Back Notification and if valid sends a Give Back Notification Confirmation Advice to the Recipient Mobile Carrier within 5 minutes of receipt of the Give Back Notification.	
		2. Donor Mobile Carrier validates the Give Back Notification and if valid updates its network then sends a Broadcast Give Back Notification to all other Network Providers within 5 minutes of receipt of the Give Back Notification up until 20 minutes prior to the end of Standard Hours of Operation. If the Broadcast Give Back Notification is not sent within 20 minutes prior to the end of Standard Hours of Operation, the Mobile Carrier will send the Broadcast Give Back Notification at the commencement of Standard Hours of Operation the next business day.	
		3. Donor Mobile Carrier validates the Give Back Notification and if invalid sends a Give Back Notification Rejection Advice to the Recipient Mobile Carrier within 5 minutes of receipt of the Give Back Notification.	
9.	Recipient Mobile Carrier: **Receives Give Back Notification Confirmation/Rejection**	Trigger point	
	Outcome / action	Recipient Mobile Carrier sends a Give Back Notification Confirmation/Rejection Receipt Advice to the Donor Mobile Carrier within 1 minute of receipt of the Give Back Notification Confirmation/Rejection Advice.	
10.	Recipient Mobile Carrier: **Validation**	(1) See Common Validations	
	Outcome / action	1. The Recipient Mobile Carrier validates the Give Back Notification Confirmation/Rejection Advice and if valid will update their systems.	
		2. The Recipient Mobile Carrier validates the Give Back Notification Confirmation/Rejection Advice and if invalid may undertake an Operational Escalation.	

	Process Name	Validations	Reject code
11.	Donor Mobile Carrier : **Send Broadcast Give Back Notification**	Trigger point – Receipt of a Give Back Notification.	
	Outcome / action	Donor Mobile Carrier sends Broadcast Give Back Notification to all Network Providers within 5 minutes of receipt of the Give Back Notification and up until 20 minutes prior to the end of Standard Hours of Operation. If within 20 minutes prior to the end of Standard Hours of Operation, the Donor Mobile Carrier will send the Broadcast Give Back Notification at the commencement of Standard Hours of Operations the next business day and updates systems.	
12.	**All Network Providers:** Receive Broadcast Give Back Notification	Trigger point	
	Outcome / action	All Network Providers send a Broadcast Give Back Notification Receipt Advice to the Donor Mobile Carrier within 1 minute of receipt of the Broadcast Give Back Notification.	
13.	All Network Providers: **Validation**	(1) Data attributes do not conform to data definitions.	(1) 020
	Outcome / action	1. All Network Providers validate the Broadcast Give Back Notification and if found to be valid the Network Providers implement re-routing on their Networks. 2. All Network Providers validate the Broadcast Give Back Notification and if found to be invalid, the Network Providers will undertake an Operational Escalation.	
14.	All Network Providers: **Implement Re-routing**	Trigger point	
	Outcome / action	All Network Providers will establish Re-routing on their Networks and then send a Broadcast Give Back Notification Completion Advice back to the Donor Mobile Carrier within 15 minutes of receipt of the Broadcast Give Back Notification.	

	Process Name	Validations	Reject code
15.	Donor Mobile Carrier: **Receives Broadcast Give Back Completion Advice**	Trigger point	
	Outcome / action	The Donor Mobile Carrier sends all Broadcast Give Back Completion Receipt Advice to the Network Providers within 1 minute of receipt of the Broadcast Give Back Completion Advice.	
16.	Donor Mobile Carrier **Validation**	(1) See Common Validations	
	Outcome / action	1. Donor Mobile Carrier validates the Broadcast Give Back Completion Advice and if found to be valid will update its register. 2. Donor Mobile Carrier validates the Broadcast Give Back Completion Advice and if found to be invalid will undertake an Operational Escalation to the Network Provider.	
17.	**Donor Updates Register**	Trigger point	
	Outcome / action	Following the Broadcast Give Back Notification the Donor Mobile Carrier updates their Ported Number Register.	

11 MESSAGE DATA DICTIONARY

1. All numeric fields are right justified and leading zero filled.

2. All character fields are left justified and leading and trailing blanks suppressed.

Attribute Name	Length /Format	Description
AccountReferenceNumber	CHAR(25)	A Customer Account/Reference Number held with the Losing CSP relating to the MSN being Ported. Either Account/Reference number or Customer Date of Birth must be supplied in a Port Notification transaction.
ATParty	NUM(4)	Message Audit trail field identifying the party issuing the message at that point in time. An ID identifying the party issuing the message. This is an industry standard 4 digit ID attached to each party- e.g. 0001-Optus; 0002-TELSTRA. A list of all Australian MC or MCSPs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
ATMessageType	CHAR(10)	Message Audit trail field describing the type of the message issued. Message type as defined in table 13.1
ATTimeStamp	NUM(17)	Message Audit trail field noting the time the message was sent to one thousandth of a second. Format: CCYYMMDDHHMMSSNNN
CAAuthorisation Date	NUM(8)	The date the Customer authorised the Gaining CSP to Port their MSN. Mandatory on all messages Date format is CCYYMMDD. Example: 20000121 for 21st January 2000.
CancellationDate	NUM(8)	The date the customer cancelled the service. Required only on Give Back messages. Date format is CCYYMMDD. Example: 20000121 for 21st January 2000.
CustomerDOB	NUM(8)	Customer Date of Birth. . Either Account/Reference number or Customer Date of Birth must be supplied in a Port Notification transaction. Date format is CCYYMMDD. Example: 20000121 for 21st January 2000.
DestinationParty	NUM(4)	An ID identifying the party to which the message is directed. This is an industry standard 4 digit ID attached to each party- e.g. 0001-Optus; 0002-TELSTRA. A list of all Australian MC or MCSPs and their respective IDs is maintained by Communications Alliance and is available on its

Attribute Name	Length /Format	Description
		web site http://www.commsalliance.com.au.
DonorMC	NUM(4)	An ID identifying the Mobile Carrier (MC) donating (giving back) the MSN. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-CWO; 0002-TELSTRA. A list of all Australian MCs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
GainingCSP	NUM(4)	An ID identifying the mobile carriage service provider (MCSP) gaining the MSN. This is an industry standard 4 digit ID attached to each MCSP- e.g.0001-Optus; 0002-TELSTRA. A list of all Australian MCSPs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
GainingMC	NUM(4)	An ID identifying the Mobile Carrier (MC) gaining the MSN. This is an industry standard 4 digit ID attached to each MCSP e.g. 0001-Optus; 0002-TELSTRA. A list of all Australian MCs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
GiveBackReasonCode	NUM(3)	A code identifying the reason for Give Back. Required only if the MessageType is "GBN" (Give Back Notification) Options are Standard (001) or Nuisance (002)
LosingCSP	NUM (4)	An ID identifying the mobile carriage service provider (MCSP) losing the MSN. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-Optus; 0002-TELSTRA. A list of all Australian MCSPs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
LosingMC	NUM (4)	An ID identifying the Mobile Carrier (MC) losing the MSN. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-CWO; 0002-TELSTRA. A list of all Australian MCs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
MessageType	CHAR(10)	The porting message type abbreviation. See port message abbreviation table. Mandatory on all messages.
MSN	NUM(10)	Mobile service (telephone) number (MSN) involved in a porting transaction. Mandatory on all messages. Example: 0412123456
NetworkProvider	NUM(4)	An ID identifying the Network Provider that participated in the Port by altering it routing tables.

Attribute Name	Length /Format	Description
PreviousRequestID	NUM(21)	An existing unique system generated numeric identifier, which is used in a Port Reversal transaction to identify the invalid Port for a given MSN. Where the Previous Request ID is provided the Account/Reference Number and Date of Birth fields must be blank. Required only if Status is "REVERSAL" and MessageType is "PN". Format: CSPIDCCYYMMDDnnnnnnnnn Example: 000120001113000000001
RecipientMC	NUM(4)	An ID identifying the current Mobile Carrier (MC) holding the MSN. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-CWO; 0002-TELSTRA. A list of all Australian MCs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
RecipientCSP	NUM(4)	An ID identifying the mobile carriage service provider (MCSP) holding the MSN. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-CWO; 0002-TELSTRA. A list of all Australian MCSPs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au
RejectingCSP	NUM(4)	An ID identifying the mobile carriage service provider (MCSP) which sent the rejection message. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-Optus; 0002-TELSTRA. A list of all Australian MCSPs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
RejectingMC	NUM(4)	An ID identifying the Mobile Carrier (MC) which sent the rejection message. This is an industry standard 4 digit ID attached to each MCSP- e.g. 0001-CWO; 0002-TELSTRA. A list of all Australian MCs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
RejectReasonCode	NUM(3)	A code identifying the reason for rejection of a port request. Required only if Status is "REJECTED" A list of all possible reject reason codes is available in Appendix B
RequestID	NUM(21)	A unique system generated numeric identifier created by the originating computer system, which is used in all porting transactions associated with a Mobile Service Number. Mandatory on all messages. Format: CSPIDCCYYMMDDnnnnnnnnn Example: 000120001113000000001

Attribute Name	Length /Format	Description
SendingParty	NUM(4)	An ID identifying the party issuing the message. This is an industry standard 4 digit ID attached to each party- e.g. 0001-Optus; 0002-TELSTRA. A list of all Australian MC or MCSPs and their respective IDs is maintained by Communications Alliance and is available on its web site- http://www.commsalliance.com.au.
TargetTechnology	NUM(3)	A code identifying the target technology for the Port. Example: 001 = GSM.
TimeStamp	NUM(17)	The time the message was sent to one thousandth of a second. Mandatory on all messages. Format: CCYYMMDDHHMMSSNNN
WarningCode	NUM(3)	A code sent from a Mobile Carrier to its CSP to undertake further validation.

12 REFERENCES

Publication	Title
Industry Codes	
C570	Mobile Number Portability
Industry Guidelines	
G579	Mobile Number Portability Operations Manual
G573.1 Appendix E	XML Messaging Formats
G573.2	Mobile Number Portability - IT Specification Part 2: Architecture and Messaging Requirements
G573.3	Mobile Number Portability - IT Specification Part 3: Common Network
Industry Documents	
Eligible Party Identification Code List (available from www.commsalliance.com.au)	

APPENDIX

A   Maximum Transaction Response Times

Transaction	Direction of Transaction	Maximum response time
Port Notification		
Port Notification	GCSP to GMC	5 Minutes
Port Notification	GMC to LMC	5 Minutes
Port Notification	LMC to LCSP	5 Minutes
Port Notification Confirmation	LCSP to LMC	15 Minute
Port Notification Confirmation transit	LMC to GMC	1 Minute
Port Notification Confirmation transit	GMC to GCSP	1 Minute
Port Notification Rejection	GMC to GCSP	5 Minutes
Port Notification Rejection	LMC to GMC	5 Minutes
Port Notification Rejection	LCSP to LMC	15 Minutes
Port Notification Rejection transit	LMC to GMC	1 Minute
Port Notification Rejection transit	GMC to GCSP	1 Minute
Port Cutover Notification		
Port Cutover Notification	GCSP to GMC	5 Minutes
Port Cutover Notification	GMC to LMC	1 Minute
Port Cutover Notification	LMC to LCSP	5 Minutes
Port Cutover Notification Rejection	GMC to GCSP	1 Minute
Port Cutover Notification Rejection	LMC to GMC	5 Minutes
Port Cutover Notification Rejection	LCSP to LMC	15 Minutes
Port Cutover Notification Rejection transit	LMC to GMC	1 Minute
Port Cutover Notification Rejection transit	GMC to GCSP	1 Minute
Port Cutover Notification Confirmation	LMC to GMC	5 Minutes
Port Cutover Notification Confirmation	LCSP to LMC	15 Minutes
Port Cutover Notification Confirmation transit	LMC to GMC	1 Minute
Port Cutover Notification Confirmation transit	GMC to LMC	1 Minute
Port Cutover Notification Confirmation transit	GMC – GCSP	1 Minute
Broadcast Port Cutover Notification	GMC to NPs	2 hours (Note: Within 2 hours of the Port Cutover Confirmation being received from the LMC)
Broadcast Port Cutover Completion Advice	NPs to GMC	15 Minutes from receipt of BN
Port Cutover Completion Advice	GMC to GCSP	1 Minute

Transaction	Direction of Transaction	Maximum response time
Port Cutover Completion Advice	LMC to LCSP	1 Minute
Technology Transfer		
Broadcast Technology Transfer Notification	GMC to NPs	Within 5 minutes of an MSN changing its Network technology
Broadcast Technology Transfer Completion Advice	NPs to GMC	15 Minutes from receipt of BTTN
Port Withdrawal Notification		
Port Withdrawal Notification	GCSP to GMC	1 hour (1 hour from receipt of Customer's instruction to cancel Port Request)
Port Withdrawal Notification	GMC to LMC	5 Minutes
Port Withdrawal Notification	LMC to LCSP	5 Minutes
Port Withdrawal Notification Rejection	GMC to GCSP	5 Minutes
Port Withdrawal Notification Rejection	LMC to GMC	5 Minutes
Port Withdrawal Notification Rejection	LCSP to LMC	15 Minutes
Port Withdrawal Notification Rejection transit	LMC to GMC	1 Minute
Port Withdrawal Notification Rejection transit	GMC to GCSP	1 Minute
Port Withdrawal Notification Confirmation	LCSP to LMC	15 Minutes
Port Withdrawal Notification Confirmation transit	LMC to GMC	1 Minute
Port Withdrawal Notification Confirmation transit	GMC to GCSP	1 Minute
Port Expiry Notification		
Port Expiry Notification	LMC – GMC	5 Minutes
Port Expiry Notification	GMC – GCSP	1 Minute
Port Expiry Notification	LMC to LCSP	5 Minutes
Give Back Notification		
Give Back Notification	RCSP to RMC	5 Minutes
Give Back Notification	RMC to DMC	5 Minutes
Give Back Notification Confirmation Advice	RMC to RCSP	5 minutes
Give Back Notification Rejection Advice	RMC - RCSP	5 minutes
Give Back Notification Confirmation Advice	DMC - RMC	5 minutes
Give Back Notification Rejection Advice	DMC to RMC	5 minutes
Broadcast Give Back Notification	DMC to NPs	5 Minutes
Broadcast Give Back Completion Advice	NPs to DMC	15 Minutes

B   Reject Codes

No.	Reject Reason	Code
1.	Not an MSN	001
2.	MSN not Issued	003
3.	Port in progress	008
4.	MSN not allocated to a Mobile Carrier	013
5.	Recipient Mobile Carrier is the Donor Mobile Carrier	014
6.	MSN not held	016
7.	MSN not associated with Account/Reference Number	017
8.	Data attributes do not conform to Data Definitions	020
9.	Request ID not confirmed and active	035
10.	MSN active on Network	038
11.	Request ID not Active	041
12.	Service is currently with the Gaining Mobile Carrier	052
13.	Account/Reference Number or Date of Birth not held	058
14.	Port Message Type out of sequence	059
15.	Invalid CA Authorisation Date	067
16.	MSN not associated with Date of Birth	070
17.	MSN not associated with Previous Request ID	071
18.	Request ID not unique	077
19.	MSN not Ported	078
20.	Incorrect Destination Party	079
21.	Port Reversal is greater than six months	080

C   Codes Sets

C1   Give Back Reason Codes

Give Back Reason Code	Explanation
001	Standard
002	MSN Cancelled due to nuisance calls

C2   Warning Codes

Warning Code	Explanation
WC1	MSN not active on LMC Network

C3   Target Technology Codes

Target Technology Code	Explanation
001	GSM and 3GSM
002	CDMA
003	UMTS (3rd generation mobile)

C4   Mobile Carriers

The Code Set for Mobile Carriers is maintained by Communications Alliance and is available on its web site - http://www.commsalliance.com.au.

C5   Mobile Carriage Service Providers

The Code Set for Mobile CSPs is maintained by Communications Alliance and is available on its web site - http://www.commsalliance.com.au.

C6   Network Providers

The Code Set for Mobile NPs is maintained by Communications Alliance and is available on its web site - http://www.commsalliance.com.au.

C7 Definition Mapping and Message Types

IT Spec Definitions and Message Types	IT Spec Acronyms and Message Type Code Set	Ops Code Definitions
Port Notification		**Port Notification**
Port Notification	PN	Port Notification
Port Notification Receipt Advice	PNREC	Port Notification Receipt Advice
Port Notification Confirmation Advice	PNCON	Port Notification Confirmation
Port Notification Confirmation Receipt Advice	PNCONREC	Port Notification Confirmation Receipt Advice
Port Notification Rejection Advice	PNREJ	Port Notification Rejection
Port Notification Rejection Receipt Advice	PNREJREC	Port Notification Rejection Receipt Advice
Port Cutover Notification		**Port Cutover Notification**
Port Cutover Notification	PCN	Port Cutover Notification
Port Cutover Notification Receipt Advice	PCNREC	Port Cutover Notification Receipt Advice
Port Cutover Notification Confirmation Advice	PCNCON	Port Cutover Confirmation
Port Cutover Notification Confirmation Receipt Advice	PCNCONREC	Port Cutover Confirmation Receipt Advice
Port Cutover Notification Rejection Advice	PCNREJ	Port Cutover Rejection
Port Cutover Notification Rejection Receipt Advice	PCNREJREC	Port Cutover Rejection Receipt Advice
Broadcast Port Cutover Notification		**Broadcast Notification**
Broadcast Port Cutover Notification	BPCN	Broadcast Notification
Broadcast Port Cutover Notification Receipt Advice	BPCNREC	Broadcast Notification Receipt Advice
Broadcast Port Cutover Completion Advice	BPCCOM	Broadcast Completion Advice
Broadcast Port Cutover Completion Receipt Advice	BPCCOMREC	Broadcast Completion Receipt Advice
Port Cutover Completion Advice	PCCOM	Port Completion Advice
Port Cutover Completion Receipt Advice	PCCOMREC	Port Completion Advice Receipt Advice

IT Spec Definitions	IT Spec Acronyms	Ops Code Definitions
Port Withdrawal Notification		**Withdrawal Notification**
Port Withdrawal Notification	PWN	Withdrawal Notification

IT Spec Definitions	IT Spec Acronyms	Ops Code Definitions
Port Withdrawal Notification Receipt Advice	PWNREC	Withdrawal Notification Receipt Advice
Port Withdrawal Notification Confirmation	PWNCON	Withdrawal Confirmation
Port Withdrawal Notification Confirmation Receipt Advice	PWNCONREC	Withdrawal Confirmation Receipt Advice
Port Withdrawal Notification Rejection	PWNREJ	Withdrawal Rejection
Port Withdrawal Notification Receipt Advice	PWNREJREC	Withdrawal Rejection Receipt Advice
Port Expiry Notification		**Expiry Notification**
Port Expiry Notification	PEN	Expiry Notification
Port Expiry Notification Receipt Advice	PENREC	Expiry Notification Receipt Advice
Give Back Notification		**Give Back Notification**
Give Back Notification	GBN	Give Back Notification
Give Back Notification Receipt Advice	GBNREC	Give Back Notification Receipt Advice
Give Back Notification Confirmation Advice	GBNCON	Give Back Confirmation Advice
Give Back Notification Confirmation Receipt Advice	GBNCONREC	Give Back Confirmation Receipt Advice
Give Back Notification Rejection Advice	GBNREJ	Give Back Rejection Advice
Give Back Notification Rejection Receipt Advice	GBNREJREC	Give Back Rejection Receipt Advice
Broadcast Give Back Notification		**Broadcast Give Back Notification**
Broadcast Give Back Notification	BGBN	Broadcast Give Back Notification
Broadcast Give Back Notification Receipt Advice	BGBNREC	Broadcast Give Back Notification Receipt Advice
Broadcast Give Back Completion Advice	BGBCOM	Give Back Completion
Broadcast Give Back Completion Receipt Advice	BGBCOMREC	Give Back Completion Receipt Advice
Broadcast Technology Transfer Notification		**N/A**
Broadcast Technology Transfer Notification	BTTN	Broadcast Technology Transfer Notification
Broadcast Technology Transfer Notification Receipt Advice	BTTNREC	Broadcast Technology Transfer Notification Receipt Advice
Broadcast Technology Transfer Completion Advice	BTTCOM	Broadcast Technology Transfer Completion Advice
Broadcast Technology Transfer	BTTCOMREC	Broadcast Technology Transfer

IT Spec Definitions	IT Spec Acronyms	Ops Code Definitions
Completion Receipt Advice		Completion Receipt Advice

D   XML Messaging Formats

This Appendix is published as a separate document: G573.1 - Appendix E

PARTICIPANTS

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

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ACMA	Non-voting	Sofie Hendrickse
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This Working Committee was chaired by Alexander R. Osborne. Craig Purdon 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.