AUSTRALIAN COMMUNICATIONS INDUSTRY FORUM

INDUSTRYGUIDELINE

UNCONDITIONED LOCAL LOOP SERVICE
IT SPECIFICATION
TRANSACTION ANALYSIS

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1. PURPOSE

The purpose of this document is to identify the functional and technical baseline requirements for the support of the ACIF C569:2001 ***Unconditioned Local Loop Service - Ordering, Provisioning and Customer Transfer*** Industry Code. This document is to be used as a vehicle for clear communications between all "Access Seekers" and "Access Providers" for ULL requirements.

2. SCOPE

The scope of this document is specific to ULL phase 1 deliverables, in terms of functionality and processing. Subsequent releases are not catered for in this document and must be taken into consideration for the next phase of ULL by updating this document to cater for the subsequent releases.

3. STATEMENTS

3.1 Assumptions

1. Validation rules for each process are not in any predefined order

3.2 Given

(1) Reject reasons not associated to particular reject codes will be aggregated to general response codes reject code. For example, an error in the date field of a record will return a reject code for invalid record format and not an individual date field reject code.

(2) To ensure that end to end transmission failure are identified ASAP, all Access Seekers will send a file to the Access Provider on every business day so as to ensure that the network infrastructure is operational. Thus, if there are no requests to send, an empty file should be initiated so as to verify that the network infrastructure is functional. The empty file should have a header, trailer and a zero record count. The following list shows the most common form of failures

a) Firewalls not allowing access

b) FTP User-ID's and or passwords have been disabled or changed

c) Lease line failures

(3) All records in the files will be processed in the order that they are received ie No sorting prior to processing.

(4) Any rejection of a subsequent transaction after the confirmation of the original Notification will not have any impact of the expiry date of the request. That is, the rejection of a ULL Extension Notification will not impact the current expiry date of the ULL Notification.

(5) All time values are present on the interface transactions are specified in local time (ie Sydney, Perth etc). There can be a maximum time zone difference between the customer site, C/CSP provisioning centres of 3 hours. To support all possible combinations of time zone issues for ULL, transactions will include a Time Zone field in the interface, this is specified as GMT difference (eg for non-daylight saving times, Sydney is +10 hours, Perth is + 8 hours). The onus is on the party receiving the transaction to apply any necessary conversion due to time zone differences.

(6) The agreed operational times will be specified in Sydney Local time.

(7) The vehicle to be utilised for the transfer of files will be FTP and there will be multiple file transfers per day. The Access Provider will initially receive up to 4 files per day from each of the Access Seekers. On receipt of the files the Access Provider will process and send any available information eg validated transactions, etc to the Access Seeker. The industry refers to this multiple FTP batching as "multiple cold batching". The file transfers receiving /sending of files will initially be as follows 7 am, 10 am, 1pm and 4pm. Files received prior to these times will not be processed until these times. Thus response transaction will commence in subsequent file transmissions. Note these indicated times would be configurable and subject to change by negotiation.

(8) The agreed operational window for batch notification and responses will also be specified in Sydney Local time

(9) The file layouts include a Record Version number field for all record types. The intent

of this is to support a number of options for future migration to new required record layouts (ie the cutover to any new version would not necessarily have to be a big bang approach). No validation is specified in this specification however if unexpected values are present then this will be raised manually, refer to operational procedures. If in the future there is a business requirement to update the file layouts then this will result in adding validation and processing rules against this field.

(10) Time Frame Calculation - The onus is on the sender to ensure the Time Zone GMT value is correct (ie allow for daylight saving). The receiver is only required to convert the local time to the required time period for the provisioning centre(s) eg 3pm local Brisbane time GMT value will be +10 all year around, 3pm Sydney time GMT value will be +10 non daylight saving and + 11 daylight saving time.

(11) In the process diagrams it should be taken that any sending of a transaction will have a waiting period and if the period is exceeded then an operational error will be triggered for manual rectification. This has been done so as to simplify the diagrams.

(12) The notion of service number or number implies the full 10 digit telephone number to which the communications wire is associated. The first 10 numeric characters within a service number field will be utilised as the service number. Digits in excess of 10 will be ignored.

(13) Where multiple records are returned for a request a Response Sequence and Response Total Number will be returned. Thus enabling the receiver to identify how many records are associated to a request and the position of a returned transaction in the over all response number returned.

(14) A ULLS Identifier must be within the "16" number range.

(15) In cases where the "Access Seeker" requests a number of communications wire's eg VULL event. The "Access Provider" will send back the equal number of confirmation/rejection advices. In short, partial allocation of Communications wire is possible eg Request 10 could imply 5 rejects and 5 confirmations. These transactions will arrive during the days process eg as soon as the details are known they will be passed back across file transmissions.

(16) The request id for a notification must be unique within Access Seeker and must be equal to or greater than one.

(17) One business day is one clear business day as defined in Telstra Unconditioned Local Loop Service Operations Manual. In order to count same day as one clear business day, file must arrive prior to 7.00am as indicated in the Operations Manual.

(18) For multiple order transactions all notification requests must have the same deployment class, assurance category and cutover date.

(19) For optional fields, such as Power Indicator, a blank value will mean there is no change to the previously advised data.

3.3 References

- ACIF C569:2001 ***Unconditioned Local Loop Service - Ordering, Provisioning and Customer Transfer*** Industry Code

4. ULL CONCEPTS

This section outlines the ULL concepts that are required for the ULL environment. These concepts describe the types of high level actions that will be required for ULL. These concepts have based on the ACIF code that identifies high level concepts.

Concepts	Concept Description
1. Acquire Communications Wire	An Access Seeker Requests from an "Access Provider" the use of a communications wire that runs into a premise
2. Transfer in use Communications Wire	The communications wire that is being used by one "Access Seeker" (losing "Access Seeker") is requested to be transferred to another "Access Seeker" (gaining "Access Seeker")
3. Handback Communications Wire	The communications wire used by an "Access Seeker" is no longer required thus the communications wire is handed back to the "Access Provider"
4. Change Of Communications Wire Use	"Access Seeker" requests that the communications wire be utilised for another product at the request of the customer. The change in use of the communications wire must be verified for compatibility to deployment rules.
5. Cancel Call Diversion	The "Access Seeker" can request call diversion for the end customer number during the acquisition of communications wire process, thus not impacting the customer. In such cases the "Access Seeker" after installation can request the call diversion to be cancelled.
6. Service Qualification Query	The "Access Provider" will require the ability to verify use of communications wire eg change of deployment, communications wire availability and compatibility prior to placing an order.
7. ULL query	"Access Seekers " will require the ability to enquire on ULL related information.

5. BUSINESS SCENARIO

This section further clarifies the concepts into valid scenarios. These scenarios are a further breakdown of the concepts and basically categories the types of action that can occur eg lower level of granularity.

Concepts	Business Scenarios
1. Acquire Communications Wire	1.1. Acquire Vacant Communications Wire
	1.2 Acquire in use Communications Wire with service number
	1.3 Acquire in use Communications Wire without service number
2. Transfer in use Communications Wire	2.1 Transfer in use Communications Wire without service number
	2.2 Transfer in use Communications Wire with service number
3. Handback Communications Wire	3. Handback Communications Wire
4. Change Of Communications Wire Use	4. Change Of Communications Wire Use
5. Cancel Call Diversion	5. Cancel Call Diversion
6. Service Qualification Query	6.1 Service Qualification Query for vacant communications wire.
	6.2 Service Qualification Query for in use communications wire.
	6.3 Service Qualification Query for change in use of an existing ULL
7. ULL query	7.1 Retrieve ULLs via address
	7.2 Retrieve ULL via service number

6. INDUSTRY BUSINESS EVENTS

This section defines for each business scenario the actual Industry Business Events that will be triggered for each of the business scenario. These Industry Events have been identified by examining the types of actions that can trigger off a unique end to end process flow within the industry. That is between the "Access Seekers" and "Access Providers".

Business Scenarios	Industry Business Event
1.1 Acquire Vacant Communications Wire	1.1 Acquire Vacant Communications Wire
1.2 Acquire in use Communications Wire with service number	1.2.1 Acquire in use Communications Wire with "Access Providers" service number via Call Diversion
	1.2.2 Acquire in use Communications Wire with "Access Seekers" service number
	1.2.3 Acquire in use Communications Wire with another "Access Seeker/ Providers" service number
1.3 Acquire in use Communications Wire without service number	1.3.1 Acquire in use Communications Wire without "Access Providers" service number
	1.3.2 Acquire in use Communications Wire without "Access Seekers" service number
	1.3.3 Acquire in use Communications Wire without another "Access Seeker/ Providers" service number
2.1 Transfer in use Communications Wire without service number	2.1.1 Transfer in use Communications Wire without "Access Providers" service number
	2.1.2 Transfer in use Communications Wire without "Access Seekers" service number
	2.1.3 Transfer in use Communications Wire without another "Access Seeker/ Providers" service number
2.2 Transfer in use Communications Wire with service number	2.2.1 Transfer in use Communications Wire with "Access Providers" service number
	2.2.2 Transfer in use Communications Wire with "Access Seekers" service number
	2.2.3 Transfer in use Communications Wire with another "Access Seeker/ Providers" service number
3. Handback Communications Wire	3.1 Handback Communications Wire existing "Access Providers" service number associated
	3.2 Handback Communications Wire existing "Access Seekers" service number associated
	3.3 Handback Communications Wire existing with another "Access Seeker/ Providers" service number associated
4. Change Of Communications Wire Use	4. Change Of Communications Wire Use
5. Cancel Call Diversion	5. Cancel Call Diversion
6.1 Service Qualification Query for vacant communications wire.	6.1 Service Qualification Query for vacant communications wire.
6.2 Service Qualification Query for in use communications wire.	6.2 Service Qualification Query for in use communications wire.
6.3 Service Qualification Query for change in use of an existing ULL	6.3 Service Qualification Query for change in use of an existing ULL
7.1 Retrieve ULLs via address	7.1 Retrieve ULLs via address
7.2 Retrieve ULL via service number	7.2 Retrieve ULL via service number

7. INDUSTRY BUSINESS EVENT DESCRIPTION

This section will briefly describe each business event. Each business event not only impacts communications wires but also the number that is associated for the given event. That is, with each event a different inter-carrier transaction must be executed for LNP processing.

Industry Business Event	Industry Business Event Description
1.1 Acquire Vacant Communications Wire	An "Access Seeker", requests from an "Access Provider" the use of their communications wire that leads into the home of an "Access Provider" Customer. The communications wire that is identified for use is vacant
1.2.1 Acquire in use Communications Wire with "Access Providers" service number via Call Diversion	An "Access Seeker", requests from an "Access Provider" the use of their communications wire and the associated number (that is owned by the "Access Provider") that leads into the home of an "Access Provider" customer. The communications wire identified and associated number (that is owned by the "Access Provider") is currently in use. The "Access Seeker" can effectively utilise the number by setting call diversion on the "Access Providers" number and direct all calls to the given number that has is being used by the end customer. After installation the "Access Seeker" has the option to port the number.
1.2.2 Acquire in use Communications Wire with "Access Seekers" service number	An "Access Seeker", requests from a "Access Provider" the use of their communications wire and associated number (that is owned by the "Access Seeker") that leads into the home of an "Access Provider" customer. The communications wire identified and associated number is currently in use.
1.2.3 Acquire in use Communications Wire with another "Access Seeker/ Providers" service number	An "Access Seeker", requests from a "Access Provider" the use of their communications wire and associated number (that is owned by another "Access Seeker/ Provider") that leads into the home of an "Access Provider" customer. The communications wire identified and associated number is currently in use.
1.3.1 Acquire in use Communications Wire without "Access Providers" service number	An "Access Seeker", requests from an "Access Provider" the use of their communications wire without the associated number (that is owned by the "Access Provider") that leads into the home of an "Access Provider" customer. The communications wire identified and associated number (that is owned by the "Access Provider") is currently in use.
1.3.2 Acquire in use Communications Wire without "Access Seekers" service number	An "Access Seeker", requests from a "Access Provider" the use of their communications wire without associated number (that is owned by the "Access seeker") that leads into the home of an "Access Provider" customer. The communications wire identified and associated number is currently in use.
1.3.3 Acquire in use Communications Wire without another "Access Seeker/ Providers" service number	An "Access Seeker", requests from a "Access Provider" the use of their communications wire without associated number (that is owned by another "Access Seeker/ Provider") that leads into the home of an "Access Provider" customer. The communications wire identified and associated number is currently in use.
2.1.1 Transfer in use Communications Wire without "Access Providers" service number	The communications wire that was utilised by an "Access Seeker" is required to be transferred to another "Access Seeker" for use without the associated number that is owned by the "Access Provider".

Industry Business Event	Industry Business Event Description
2.1.2 Transfer in use Communications Wire without "Access Seekers" service number	The communications wire that was utilised by an "Access Seeker" is required to be transferred to another "Access Seeker" for use without the associated number that is owned by the "Access Seeker".
2.1.3 Transfer in use Communications Wire without another "Access Seeker/ Providers" service number	The communications wire that was utilised by an "Access Seeker" is required to be transferred to another "Access Seeker" for use without the associated number that is owned by another "Access Seeker/Provider".
2.2.1 Transfer in use Communications Wire with "Access Providers" service number	The communications wire that was utilised by an "Access Seeker" is required to be transferred to another "Access Seeker" for use with the associated number that is owned by the "Access Provider".
2.2.2 Transfer in use Communications Wire with "Access Seekers" service number	The communications wire that was utilised by an "Access Seeker" is required to be transferred to another "Access Seeker" for use with the associated number that is owned by the "Access Seeker".
2.2.3 Transfer in use Communications Wire with another "Access Seeker/ Providers" service number	The communications wire that was utilised by an "Access Seeker" is required to be transferred to another "Access Seeker" for use with the associated number that is owned by the another "Access Seeker/Provider".
3.1 Handback Communications Wire existing "Access Providers" service number associated	The communications wire that is associated to the "Access Providers" number is no longer required and is handed back to the "Access Provider".
3.2 Handback Communications Wire existing "Access Seekers" service number associated	The communications wire that is associated to the "Access Seekers" number is no longer required and is handed back to the "Access Provider".
3.3 Handback Communications Wire existing with another "Access Seeker/ Providers" service number associated	The communications wire that is associated to another "Access Seekers/Providers" number is no longer required and is handed back to the "Access Provider".
4. Change Of Communications Wire Use	The communications wire currently in use by an "Access Seeker" is to be used for another product. The "Access Seeker" must notify the "Access Provider" of any change in use of the communications wire.
5. Cancel Call Diversion	The "Access Seeker" can request call diversion for the end customer number during the acquire communications wire process, thus not impacting the customer. In such cases the "Access Seeker" after installation can request the call diversion be cancelled.
6.1 Service Qualification Query for vacant communications wire	The "Access Seeker" asks whether a vacant communications wire is compatible with deployment rules for a given deployment class via an address
6.2 Service Qualification Query for in use communications wire	The "Access Seeker" prior to requesting an existing communications wire will require the ability to verify whether the communications wire is able to handle a product with a particular deployment type.
6.3 Service Qualification Query for change in use of an existing ULL	The "Access Seeker" prior to officially notifying the Network carrier of a change in use of a ULL will initially request an investigation on whether the change in use is viable. That is a change in deployment class.
7.1 Retrieve ULLs via address	The "Access Seeker" prior to officially notifying the "Access Provider" may wish to identify if there are any ULLs for an address
7.2 Retrieve service number via ULL	An "Access Seeker" prior to notification may wish to identify the service number that is associated to a ULL

8. INDUSTRY CONCEPTS

Industry Business Event	Industry Concepts
1.1 Acquire Vacant Communications Wire	• Determine available Communications Wire for allocation to "Access Seeker" via address • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any Fee for Service (FFS)
1.2.1 Acquire in use Communications Wire with "Access Providers" service number via Call Diversion	• Determine available Communications Wire for allocation to "Access Seeker" via service number (FNN) • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Seeker" allocates a number (FNN) to the service that the Access Provider will divert to • "Access Provider" sets call diversion on the customer's number to the given number (FNN) • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Seeker" is charged for call diversion charges • The "Access Seeker" optionally initiates LNP Port
1.2.2 Acquire in use Communications Wire with "Access Seekers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via service number (FNN) • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Seeker" utilises the previous service number (FNN) • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Provider" initiates LNP give back
1.2.3 Acquire in use Communications Wire with another "Access Seeker/ Providers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via service number (FNN) • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Seeker" utilises the other "Access Seeker"/ Providers" service number (FNN) • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Seekers" initiates LNP transfer
1.3.1 Acquire in use Communications Wire without "Access Providers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via service number (FNN) • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS

Industry Business Event	Industry Concepts
1.3.2 Acquire in use Communications Wire without "Access Seekers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via service number (FNN) • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Provider" initiates LNP give back
1.3.3 Acquire in use Communications Wire without another "Access Seeker/Provider's" service number	• Determine available Communications Wire for allocation to "Access Seeker" via service number (FNN) • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Provider" initiates LNP give back
2.1.1 Transfer in use Communications Wire without "Access Providers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via the ULLS Identifier • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Losing Access Seeker" initiates LNP give back
2.1.2 Transfer in use Communications Wire without "Access Seekers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via the ULLS Identifier • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Losing Access Seeker" initiates LNP give back
2.1.3 Transfer in use Communications Wire without another "Access Seeker/ Providers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via the ULLS Identifier • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Losing Access Seeker initiates LNP give back unless the number belongs to their range
2.2.1 Transfer in use Communications Wire with "Access Providers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via the ULLS Identifier • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Gaining Access Seeker" allocates a diversion number (FNN) • "Gaining Access Seeker" separately arranges for "Losing Access Seeker" to establish call diversion on the customer's number to the given number (FNN) • "Access Provider" allocates a ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Seekers" initiates LNP transfer

Industry Business Event	Industry Concepts
2.2.2 Transfer in use Communications Wire with "Access Seekers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via the ULLS Identifier • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Access Provider" utilises the existing ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Seekers" initiates LNP Donor Return
2.2.3 Transfer in use Communications Wire with another "Access Seeker/ Providers" service number	• Determine available Communications Wire for allocation to "Access Seeker" via the ULLS Identifier • Communications Wire must be consistent with Deployment rules • Communications Wire allocation for the identified cable pair • "Gaining Access Seeker" allocates diversion number (FNN) • "Gaining Access Seeker" separately arranges for "Losing Access Seeker" to establish call diversion on the customer number to the given number (FNN) • "Access Provider" utilises the existing ULLS Identifier • The "Access Seeker" is charged for installation and on going rental charges and any FFS • The "Access Seekers" initiates LNP transfer
3.1 Handback Communications Wire existing "Access Providers" service number associated	• The Communications Wire allocated to the "Access Seekers" ULLS Identifier is cancelled • The "Access Seeker" is Final Billed for all rental • The "Access Seeker" initiates LNP giveback
3.2 Handback Communications Wire existing "Access Seekers" service number associated	• The Communications Wire allocated to the "Access Seekers" ULLS Identifier is cancelled • The "Access Seeker" is Final Billed for all rental
3.3 Handback Communications Wire existing another "Access Seeker/ Providers" service number associated	• The Communications Wire allocated to the "Access Seekers" ULLS Identifier is cancelled • The "Access Seeker" is Final Billed for all rental • The "Access Seeker" initiates LNP giveback
4. Change Of Communications Wire Use	• The Communications Wire allocated to the "Access Seekers" ULLS Identifier is updated to include the new deployment class
5. Cancel Call Diversion	• The service number (FNN) which was associated to the Communications Wire, that was set for call diversion is cancelled.
6.1 Service Qualification Query for vacant communications wire	• The "Access Seeker" requests the determination of whether a vacant communications wire is compatible with deployment rules for a given deployment class via an address
6.2 Service Qualification Query for in use communications wire	• The "Access Seeker" requests the determination of whether an in use communications wire is compatible with deployment rules for a given deployment class via a service number (FNN)
6.3 Service Qualification Query for change in use of an existing ULL	• The "Access Seeker" requests the determination of whether an existing ULL is compatible with deployment rules for a given deployment class via a ULLS Identifier
7.1 Retrieve ULLs via address	• The "Access Seeker" prior to officially notifying the "Access Provider" may wish to identify if there are any ULLs for an address

Industry Business Event	Industry Concepts
7.2 Retrieve service number via ULL	• An "Access Seeker" prior to notification may wish to identify the service number (FNN) that is associated to a ULL

9. INDUSTRY DIALOGUE DEFINITIONS

This section will outline the dialogue required for each event and the associated Telstra order activity. This has been done so as to enable generalisation/ aggregation of dialogue types.

Industry Business Event	ULL Trxn
1.1 Acquire Vacant Communications Wire	AS: VULL
1.2.1 Acquire in use Communications Wire with "Access Providers" service number via Call Diversion	AS: DULL
1.2.2 Acquire in use Communications Wire with "Access Seekers" service number	AS: IULL
1.2.3 Acquire in use Communications Wire with another "Access Seeker/ Providers" service number	AS: IULL
1.3.1 Acquire in use Communications Wire without "Access Providers" service number	AS: IULL
1.3.2 Acquire in use Communications Wire without "Access Seekers" service number	AS: IULL
1.3.3 Acquire in use Communications Wire without another "Access Seeker/ Providers" service number	AS: IULL
2.1.1 Transfer in use Communications Wire without "Access Providers" service number	GAS: TULL
2.1.2 Transfer in use Communications Wire without "Access Seekers" service number	GAS: TULL
2.1.3 Transfer in use Communications Wire without another "Access Seeker/ Providers" service number	GAS: TULL
2.2.1 Transfer in use Communications Wire with "Access Providers" service number	GAS: TULL
2.2.2 Transfer in use Communications Wire with "Access Seekers" service number	GAS: TULL
2.2.3 Transfer in use Communications Wire with another "Access Seeker/ Providers" service number	AS: TULL
3.1 Handback Communications Wire existing "Access Providers" service number associated	AS: HULL
3.2 Handback Communications Wire existing "Access Seekers" service number associated	AS: HULL
3.3 Handback Communications Wire existing another "Access Seeker/ Providers" service number associated	AS: HULL
4. Change Of Communications Wire Use	AS: CULL
5. Cancel Call Diversion	AS: CDULL
6.1 Service Qualification Query for vacant communications wire	AS: SQVULL
6.2 Service Qualification Query for in use communications wire	AS: SQIULL
6.3 Service Qualification Query for change in use of an existing ULL	AS: SQCULL
7.1 Retrieve ULLs via address	AS: QULLA
7.2 Retrieve service number via ULL	AS: QSULL

10. INDUSTRY BUSINESS EVENT DIALOGUE TRANSACTIONS

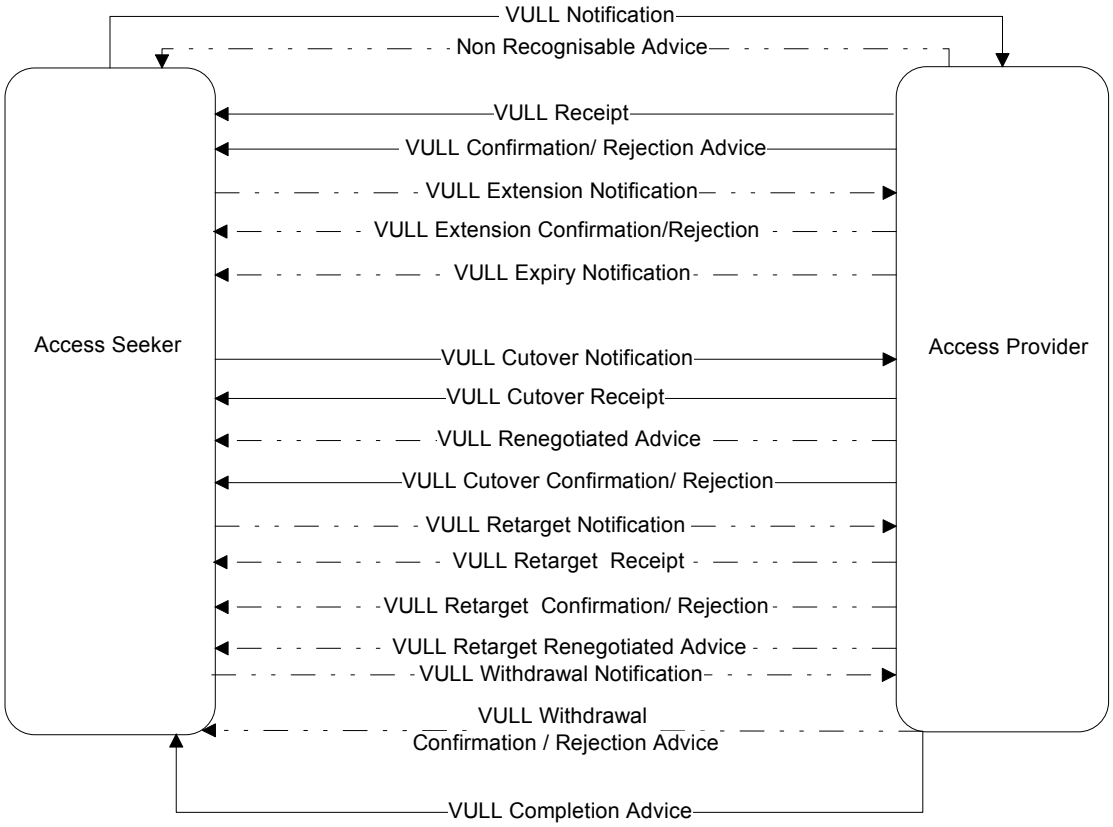
This section will map the Industry Events to the appropriate inter-carrier transactions eg dialogues, that will initiate ULL related processing. The ULL transactions have been identified based on unique attributes

ULL Trxn	ULL Trxn Description	Industry Business Event
VULL	Acquire Vacant Communications Wire	1.1 Acquire Vacant Communications Wire
DULL	Acquire In Use Communications Wire and set Call Diversion	1.2.1 Acquire in use Communications Wire with "Access Providers" service number via Call Diversion
IULL	Acquire In Use Communications Wire	1.2.2 Acquire in use Communications Wire with "Access Seekers" service number
		1.2.3 Acquire in use Communications Wire with another "Access Seeker/ Providers" service number
		1.3.1 Acquire in use Communications Wire without "Access Providers" service number
		1.3.2 Acquire in use Communications Wire without "Access Seekers" service number
		1.3.3 Acquire in use Communications Wire without another "Access Seeker/ Providers" service number
TULL	Transfer In Use Communications Wire	2.1.1 Transfer in use Communications Wire without "Access Providers" service number
		2.1.2 Transfer in use Communications Wire without "Access Seekers" service number
		2.1.3 Transfer in use Communications Wire without another "Access Seeker/ Providers" service number
		2.2.1 Transfer in use Communications Wire with "Access Providers" service number
		2.2.2 Transfer in use Communications Wire with "Access Seekers" service number
		2.2.3 Transfer in use Communications Wire with another "Access Seeker/ Providers" service number
HULL	Handback Communications Wire	3.1 Handback Communications Wire existing "Access Providers" service number associated
		3.2 Handback Communications Wire existing "Access Seekers" service number associated
		3.3 Handback Communications Wire existing another "Access Seeker/ Providers" service number associated
CULL	Change of Communications Wire Use	4. Change Of Communications Wire Use
CDULL	Cancel Call Diversion	5. Cancel Call Diversion
SQVULL	Service Qualification Vacant	6.1 Service Qualification Query for vacant communications wire
SQIULL	Service Qualification In Use	6.2 Service Qualification Query for in use communications wire
SQCULL	Service Qualification Change Use	6.3 Service Qualification Query for change in use of an existing ULL
QULLA	Retrieve ULLs via address	7.1 Retrieve ULLs via address
QSULL	Retrieve service number via ULL	7.2 Retrieve service number via ULL

11. INTER-CARRIER CONTEXT DIAGRAM

This section identifies the data flows required for each Scenario. The following internal business events can and have been grouped together based on the data items they use into logical scenarios that support all of the above events. Note the "- - - - - " implies optional data flows, while "_____" implies mandatory data flows.

11.1 Acquire Vacant Communications Wire (VULL)

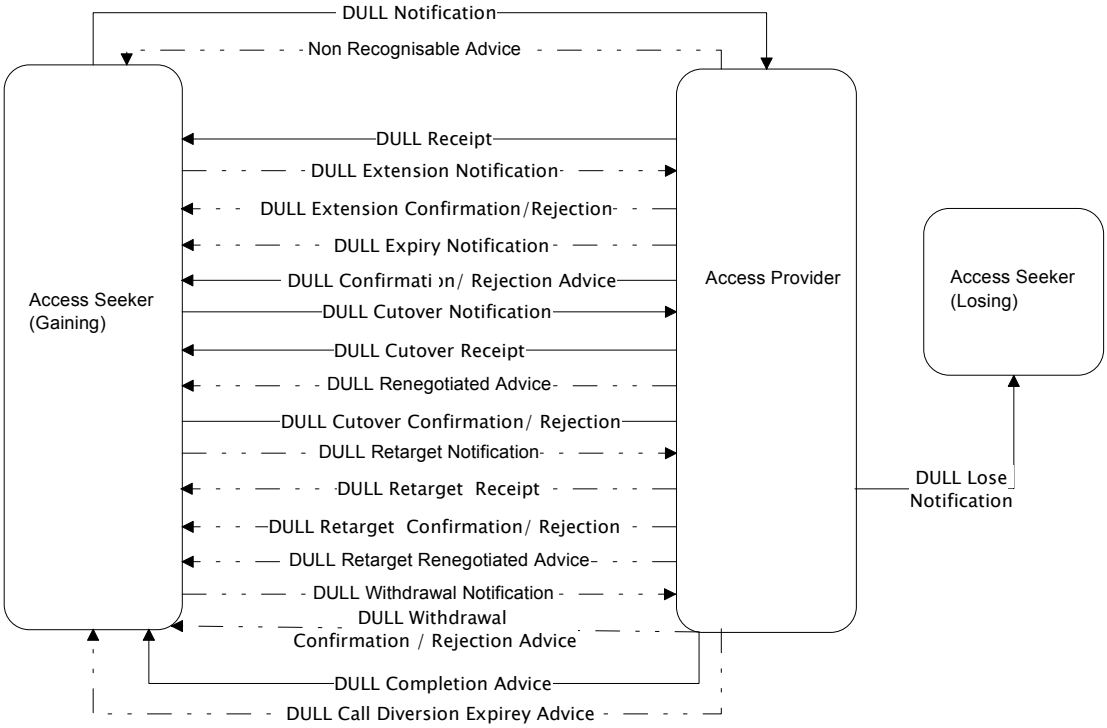


Trxn	Data Flow	Data Flow Description	Input/Output
05	VULL Notification	Gaining "Access Seeker" initiates the acquisition of a communications wire from an "Access Provider"	• Request Id, • Customer Service Address Details • Number of Services, • Deployment Class, • Power Indicator, • POI Details (ESA-Code, MDF, Cable, pair) • Access Seeker Contact Details • NBP details • CA Signed date • Assurance Category • Live Service FNN at Customer Address
10	VULL Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record

Trxn	Data Flow	Data Flow Description	Input/Output
15	VULL Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" confirming that the communications wire is available and that the request passed validations	• Request Id • Loop Trace Details • ULLS Identifier • Sequence number • POI Details (ESA-Code, MDF, Cable, pair) • SQ date/time
20	VULL Rejection Advice	"Access Provider" sends a rejection to the gaining "Access Seeker" if communications wire is not available or if the original request is invalid	• Request Id • Loop Trace Details • Sequence number • POI Details (ESA-Code, MDF, Cable, pair) • SQ date/time • Reject Code • Customer Address Details (if Live FNN provided by Access Seeker)
21	VULL Extension Notification	Gaining "Access Seeker" sends an extension notification to the "Access Provider" requesting for an extension of the expiry period	• Request Id
22	VULL Extension Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id
23	VULL Extension Rejection Advice	"Access Provider" sends rejection to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id • Reject Code
25	VULL Expiry	"Access Provider" sends an expiry notification if the cutover is not received in the appropriate time frame.	• Request Id •
30	VULL Cutover Notification	Gaining "Access Seeker" notifies the "Access Provider" of the date and time the communications wire is to be made available	• Request Id • Cutover date/time • CA Signed date • Site Contact Details (Name, Contact Number)
35	VULL Cutover Receipt	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for cutover has been received	• Request Id
40	VULL Cutover Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the cutover is invalid.	• Request Id • Reject Code
45	VULL Renegotiated Cutover Advice	"Access Provider" sends a renegotiated cutover advice to the gaining "Access Seeker for a cutover that was valid but where the "Access Provider" was unable to meet the cutover date/time.	• Request Id • Cutover date/time • ULLS Identifier • Termination Plant Details (Cable, Pair, Terminal Box)
50	VULL Cutover Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the required date and time	• Request Id • Cutover date/time • ULLS Identifier • Termination Plant Details (Cable, Pair, Terminal Box)

Trxn	Data Flow	Data Flow Description	Input/Output
55	VULL Retarget Notification	Gaining "Access Seeker" notifies the "Access Provider" of a change (or retarget) in date and time for acquisition of the communications wire.	• Request Id • Cutover date/time
60	VULL Retarget Receipt	The "Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for a retarget has been received	• Request Id
70	VULL Retarget Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the retargeted date and time.	• Request Id • Cutover date/time
65	VULL Retarget Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the communications wire cannot be made available for the given date and time or the retarget is invalid.	• Request Id • Reject Code
46	VULL Renegotiated Retarget Advice	"Access Provider" sends a renegotiated retarget advice to the gaining "Access Seeker for a retarget that was valid but where the "Access Provider" was unable to meet the retarget date/time.	• Request Id • Cutover date/time
75	VULL Withdrawal Notification	Gaining "Access Seeker" will be able to withdraw a request by initiating a withdrawal notification to the "Access Provider"	• Request Id
80	VULL Withdrawal Confirmation	"Access Provider" sends a confirmation advice to the gaining "Access Seeker". Notifying them that the withdrawal of the request for communications wire is confirmed	• Request Id
85	VULL Withdrawal Rejection	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the withdrawal of the request for communications wires is rejected.	• Request Id • Reject Code
90	VULL Completion	Gaining "Access Provider" sends on completion of the activities to cut the communications wire over to the "Access Seeker	• Request Id

11.2 Acquire In Use Communications Wire and set Call Diversion (DULL)

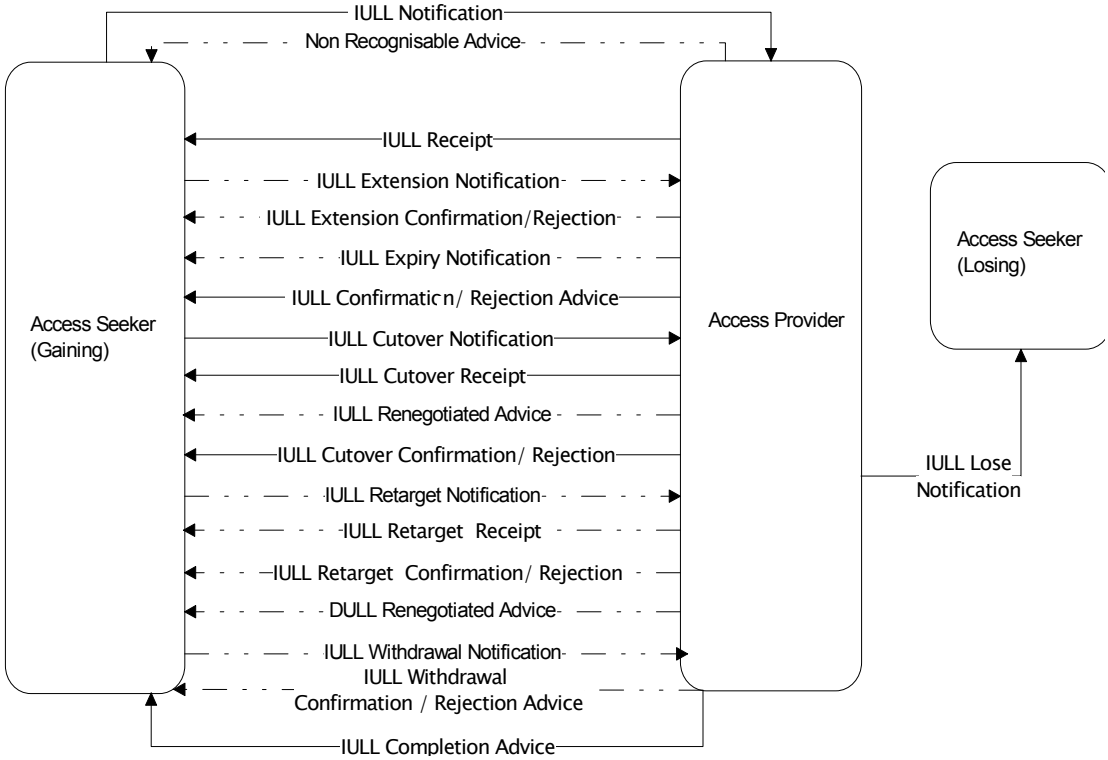


Trxn	Data Flow	Data Flow Description	Input/Output
95	DULL Notification	Gaining "Access Seeker" initiates the acquisition of a communications wire from an "Access Provider" and requires the existing number to be diverted to another number	• Request Id, • Customer Account Number • Deployment Class, • Power Indicator, • POI Details (ESA-Code, MDF, Cable, pair) • Customer Service Address Details • Access Seeker Contact Details (Name, Number) • Service number • Call Diversion Service Number • CA Signed date • Assurance Category • Call diversion Billing Profile
100	DULL Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
105	DULL Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" confirming that the communications wire is available and that the request passed validations	• Request Id • ULLS Identifier • Loop Trace Details SQ date/time

Trxn	Data Flow	Data Flow Description	Input/Output
110	DULL Rejection Advice	"Access Provider" sends a rejection to the gaining "Access Seeker" if communications wire is not available or if the original request is invalid	• Request Id • Loop Trace Details SQ date/time • Reject Code
111	DULL Extension Notification	Gaining "Access Seeker" sends an extension notification to the "Access Provider" requesting for an extension of the expiry period	• Request Id
112	DULL Extension Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id
113	DULL Extension Rejection Advice	"Access Provider" sends rejection to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id • Reject Code
115	DULL Expiry	"Access Provider" sends an expiry notification if the cutover is not received in the appropriate time frame.	• Request Id
120	DULL Cutover Notification	Gaining "Access Seeker" notifies the "Access Provider" of the date and time the communications wire is to be made available	• Request Id • Cutover date/time • CA Signed date • Site Contact Details (Name, Contact Number)
125	DULL Cutover Receipt	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for cutover has been received	• Request Id
130	DULL Cutover Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the cutover is invalid.	• Request Id • Reject Code
135	DULL Renegotiated Cutover Advice	"Access Provider" sends a renegotiated cutover advice to the gaining "Access Seeker for a cutover that was valid but where the "Access Provider" was unable to meet the cutover date/time.	• Request Id • Cutover date/time • Termination Plant Details (Cable, Pair, Terminal Box)
140	DULL Cutover Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the required date and time.	• Request Id • Cutover date/time • Termination Plant Details (Cable, Pair, Terminal Box)
145	DULL Retarget Notification	Gaining "Access Seeker" notifies the "Access Provider" of a change (or retarget) in date and time for acquisition of the communications wire.	• Request Id • Cutover date/time
150	DULL Retarget Receipt	The "Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for a retarget has been received	• Request Id

Trxn	Data Flow	Data Flow Description	Input/Output
160	DULL Retarget Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the retargeted date and time.	• Request Id • Cutover date/time
155	DULL Retarget Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the communications wire cannot be made available for the given date and time or the retarget is invalid.	• Request Id • Reject Code
136	DULL Renegotiated Retarget Advice	"Access Provider" sends a renegotiated retarget advice to the gaining "Access Seeker for a retarget that was valid but where the "Access Provider" was unable to meet the retarget date/time.	• Request Id • Cutover date/time
165	DULL Withdrawal Notification	Gaining "Access Seeker" will be able to withdraw a request by initiating a withdrawal notification to the "Access Provider"	• Request Id
170	DULL Withdrawal Confirmation	"Access Provider" sends a confirmation advice to the gaining "Access Seeker". Notifying them that the withdrawal of the request for communications wire is confirmed	• Request Id
175	DULL Withdrawal Rejection	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the withdrawal of the request for communications wires is rejected.	• Request Id • Reject Code
180	DULL Completion	Gaining "Access Provider" sends on completion of the activities to cut the communications wire over to the "Access Seeker	• Request Id
181	DULL Lose Notification	"Access Provider" on completion of the acquisition process will notify the "Losing Access Seeker"	• Request Id • Service Number • ULLS Identifier • Gaining Access Seeker
182	DULL Call Diversion expiry advice	"Access Provider" after 30 calendar days will cancel call diversion if the "Access Seeker" does not cancel call diversion or port the service number	• Request Id • Service Number • ULLS Identifier

11.3 Acquire In Use Communications Wire (IULL)

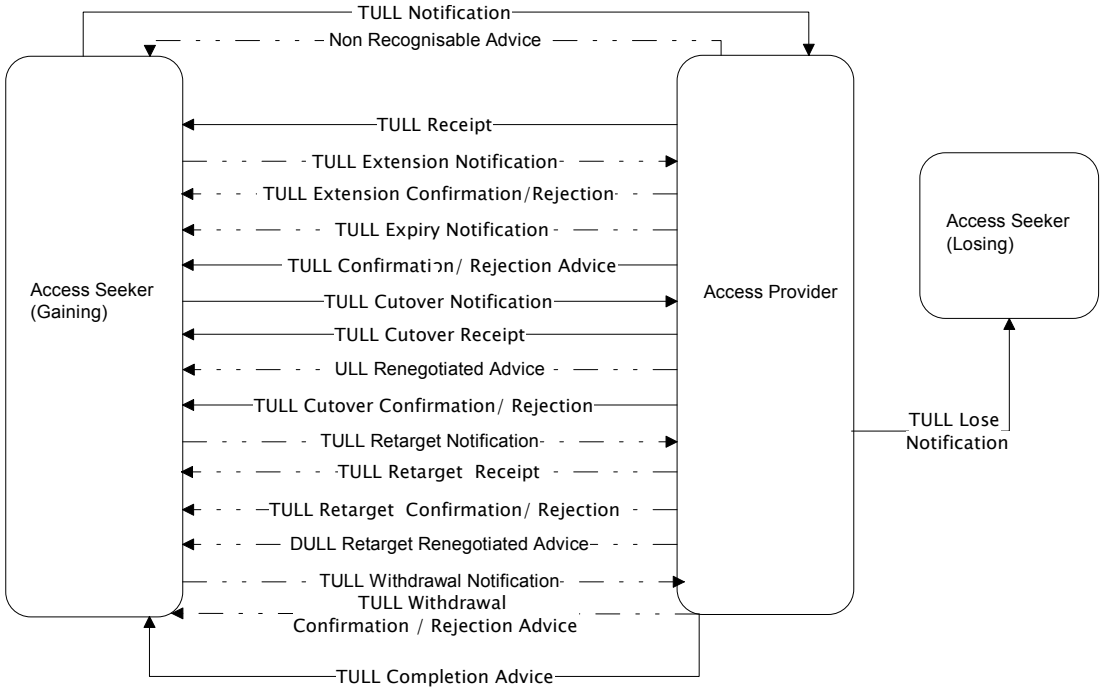


Trxn	Data Flow	Data Flow Description	Input/Output
290	IULL Notification	Gaining "Access Seeker" initiates the acquisition of a communications wire from an "Access Provider"	• Request Id, • Customer Account Number • Deployment Class, • Power Indicator, • POI Details (ESA-Code, MDF, Cable, pair) • Customer Service Address Details • Access Seeker Contact Details (Name, Number) • Service number • CA Signed date • Assurance Category
295	IULL Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
300	IULL Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" confirming that the communications wire is available and that the request passed validations	• Request Id • ULLS Identifier • Loop Trace Details SQ date/time

Trxn	Data Flow	Data Flow Description	Input/Output
305	IULL Rejection Advice	"Access Provider" sends a rejection to the gaining "Access Seeker" if communications wire is not available or if the original request is invalid	• Request Id • Loop Trace Details SQ date/time • Reject Code
306	IULL Extension Notification	Gaining "Access Seeker" sends an extension notification to the "Access Provider" requesting for an extension of the expiry period	• Request Id
307	IULL Extension Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id
308	IULL Extension Rejection Advice	"Access Provider" sends rejection to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id • Reject Code
310	IULL Expiry	"Access Provider" sends an expiry notification if the cutover is not received in the appropriate time frame.	• Request Id
315	IULL Cutover Notification	Gaining "Access Seeker" notifies the "Access Provider" of the date and time the communications wire is to be made available	• Request Id • Cutover date/time • CA Signed date • Site Contact Details (Name, Contact Number)
320	IULL Cutover Receipt	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for cutover has been received	• Request Id
325	IULL Cutover Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the cutover is invalid.	• Request Id • Reject Code
330	IULL Renegotiated Cutover Advice	"Access Provider" sends a renegotiated cutover advice to the gaining "Access Seeker for a cutover that was valid but where the "Access Provider" was unable to meet the cutover date/time.	• Request Id • Cutover date/time • Termination Plant Details (Cable, Pair, Terminal Box)
335	IULL Cutover Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the required date and time.	• Request Id • Cutover date/time • Termination Plant Details (Cable, Pair, Terminal Box)
340	IULL Retarget Notification	Gaining "Access Seeker" notifies the "Access Provider" of a change (or retarget) in date and time for acquisition of the communications wire.	• Request Id • Cutover date/time
345	IULL Retarget Receipt	The "Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for a retarget has been received	• Request Id

Trxn	Data Flow	Data Flow Description	Input/Output
355	IULL Retarget Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the retargeted date and time.	• Request Id • Cutover date/time
350	IULL Retarget Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the communications wire cannot be made available for the given date and time or the retarget is invalid.	• Request Id • Reject Code
346	IULL Renegotiated Retarget Advice	"Access Provider" sends a renegotiated retarget advice to the gaining "Access Seeker for a retarget that was valid but where the "Access Provider" was unable to meet the retarget date/time.	• Request Id • Cutover date/time
360	IULL Withdrawal Notification	Gaining "Access Seeker" will be able to withdraw a request by initiating a withdrawal notification to the "Access Provider"	• Request Id
365	IULL Withdrawal Confirmation	"Access Provider" sends a confirmation advice to the gaining "Access Seeker". Notifying them that the withdrawal of the request for communications wire is confirmed	• Request Id
370	IULL Withdrawal Rejection	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the withdrawal of the request for communications wires is rejected.	• Request Id • Reject Code
375	IULL Completion	Gaining "Access Provider" sends on completion of the activities to cut the communications wire over to the "Access Seeker	• Request Id
376	IULL Lose Notification	"Access Provider" on completion of the acquisition process will notify the "Losing Access Seeker"	• Request Id • Service Number • ULLS Identifier • Gaining Access Seeker

11.4 Transfer In Use Communications Wire (TULL)

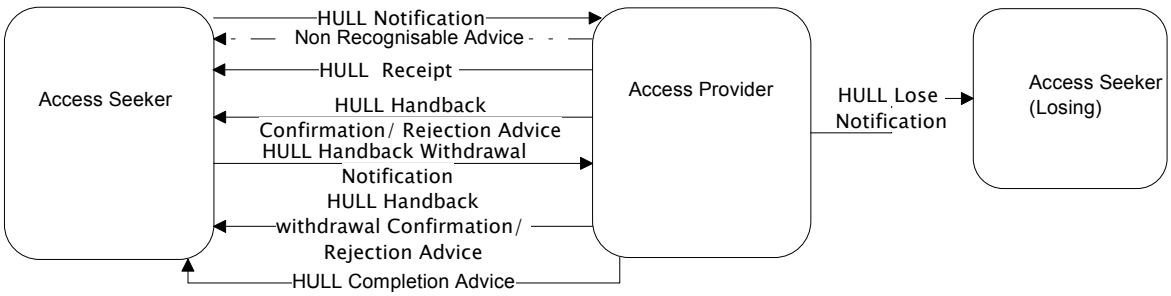


Trxn	Data Flow	Data Flow Description	Input/Output
395	TULL Notification	Gaining "Access Seeker" initiates the transfer of a communications wire from the "Access Provider"	• Request Id, • Deployment Class, • Power Indicator, • POI Details (ESA-Code, MDF, Cable, pair) • Access Seeker Contact Details (Name, Number) • ULLS Identifier • CA Signed date • Assurance Category
400	TULL Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the transfer notification for communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
405	TULL Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" confirming that the communications wire is available for transfer and that the request passed validations	• Request Id • ULLS Identifier • Loop Trace Details SQ date/time
410	TULL Rejection Advice	"Access Provider" sends a rejection to the gaining "Access Seeker" if communications wire is not available for transfer or if the original request is invalid	• Request Id • Loop Trace Details SQ date/time • Reject Code
411	TULL Extension Notification	Gaining "Access Seeker" sends an extension notification to the "Access Provider" requesting for an extension of the expiry period	• Request Id

Trxn	Data Flow	Data Flow Description	Input/Output
412	TULL Extension Confirmation Advice	"Access Provider" sends confirmation to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id
413	TULL Extension Rejection Advice	"Access Provider" sends rejection to the gaining "Access Seeker" for the extension of the expiry period.	• Request Id • Reject Code
415	TULL Expiry	"Access Provider" sends a transfer expiry notification if the cutover is not received in the appropriate time frame.	• Request Id
420	TULL Cutover Notification	Gaining "Access Seeker" notifies the "Access Provider" of the date and time the communications wire is to be transferred	• Request Id • Cutover date/time • CA Signed date • Site Contact Details (Name, Contact Number)
425	TULL Cutover Receipt	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for cutover has been received	• Request Id
430	TULL Cutover Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the cutover is invalid.	• Request Id • Reject Code
435	TULL Renegotiated Cutover Advice	"Access Provider" sends a renegotiated cutover advice to the gaining "Access Seeker" for a cutover that was valid but where the "Access Provider" was unable to meet the cutover date/time.	• Request Id • Cutover date/time • Termination Plant Details (Cable, Pair, Terminal Box)
440	TULL Cutover Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for transfer for the required date and time.	• Request Id • Cutover date/time • Termination Plant Details (Cable, Pair, Terminal Box)
445	TULL Retarget Notification	Gaining "Access Seeker" notifies the "Access Provider" of a change (or retarget) in date and time for acquisition of the communications wire.	• Request Id • Cutover date/time
450	TULL Retarget Receipt	The "Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for transfer retarget has been received	• Request Id
460	TULL Retarget Confirmation Advice	"Access Provider sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire will be available for the retargeted transfer date and time	• Request Id • Cutover date/time

Trxn	Data Flow	Data Flow Description	Input/Output
455	TULL Retarget Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the communications wire cannot be made available for transfer for given date and time or the retarget is invalid.	• Request Id • Reject Code
451	TULL Renegotiated Retarget Advice	"Access Provider" sends a renegotiated retarget advice to the gaining "Access Seeker for a retarget that was valid but where the "Access Provider" was unable to meet the retarget date/time.	• Request Id • Cutover date/time
465	TULL Withdrawal Notification	Gaining "Access Seeker" will be able to withdraw a request by initiating a withdrawal notification to the "Access Provider"	• Request Id
470	TULL Withdrawal Confirmation	"Access Provider" sends a confirmation advice to the gaining "Access Seeker". Notifying them that the withdrawal of the request for communications wire is confirmed	• Request Id
475	TULL Withdrawal Rejection	"Access Provider" sends a rejection advice to the gaining "Access Seeker" notifying them that the withdrawal of the transfer request for communications wires is rejected.	• Request Id • Reject Code
480	TULL Completion	Gaining "Access Provider" sends on completion of the transfer activities to cut the communications wire over to the "Access Seeker	• Request Id
481	TULL Lose Notification	"Access Provider" on completion of the acquisition process will notify the "Losing Access Seeker"	• Request Id • ULLS Identifier • Gaining Access Seeker

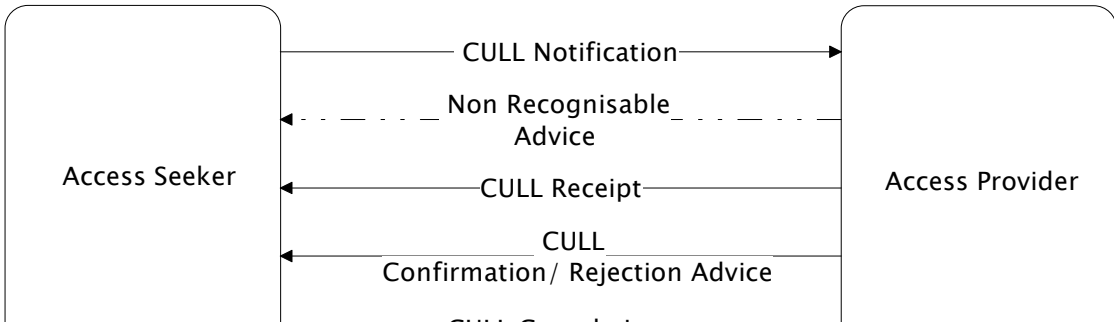
11.5 Handback Communications Wire (HULL)



Trxn No.	Data Flow	Data Flow Description	Input/Output
735	HULL Notification	Gaining "Access Seeker" sends a give back notification to the "Access Provider" that owns the communications wire eg the Communications Wire is no longer required.	• Request Id • ULLS Identifier • Disconnection Date • Handback Type
740	HULL Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for the Handback of communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
745	HULL Confirmation Advice	"Access Provider" sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire can be handed back	• Request Id
750	HULL Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" if the communications wire can not be handed back	• Request Id • Reject Code
753	HULL Withdrawal Notification	"Access Seeker" will be able to withdraw a Handback request by initiating a Handback withdrawal notification to the "Access Provider"	• Request Id
754	HULL Withdrawal Confirmation Advice	"Access Provider" sends a confirmation advice to the gaining "Access Seeker" confirming that the Handback can be withdrawn	• Request Id
755	HULL Withdrawal Rejection Advice	"Access Provider" sends a confirmation advice to the gaining "Access Seeker" confirming that the Handback cannot be withdrawn	• Request Id • Reject Code

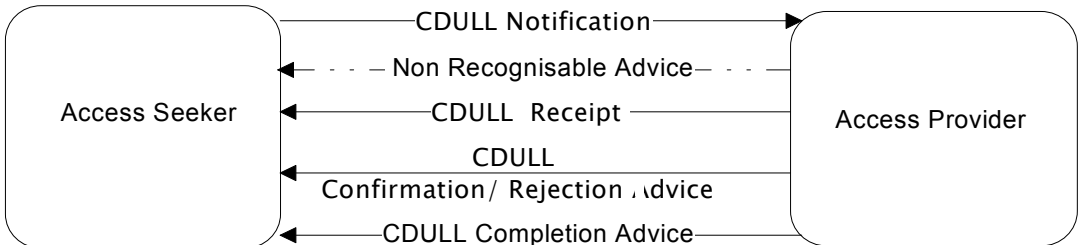
Trxn No.	Data Flow	Data Flow Description	Input/Output
751	HULL Completion	"Access Provider" sends on completion of the Handback completion advice to the "Access Seeker	• Request Id
752	HULL Lose Notification	"Access Provider" on completion of the acquisition process will notify the "Losing Access Seeker"	• Request Id • ULLS Identifier • Gaining Access Seeker

11.6 Change of Communications Wire Use (CULL)



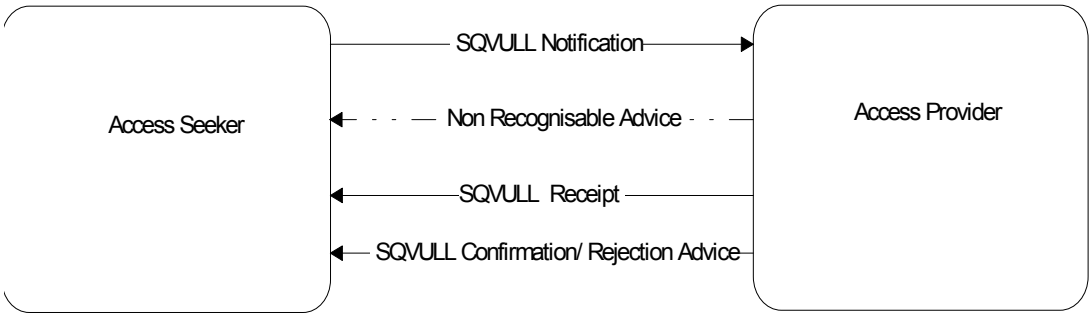
Trxn	Data Flow	Data Flow Description	Input/Output
760	CULL Notification	Gaining "Access Seeker" sends notification of a Change of use for a particular communications wire.	• Request Id • ULLS Identifier • Deployment Class • Power Indicator, • Date
765	CULL Receipt	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for the Change of use of communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
770	CULL Confirmation Advice	"Access Provider" sends a confirmation advice to the gaining "Access Seeker" confirming that the communications wire is able to support the deployment class as per deployment rules	• Request Id
775	CULL Rejection Advice	"Access Provider" sent to the gaining "Access Seeker" a rejection advice if the communications wire cannot support the deployment class as per deployment rules	• Request Id • Reject Code
780	CULL completion Advice	Gaining "Access Seeker" will send a completion advice to the "Access Provider" confirming that the communications wire has be changed to the proposed deployment class	• Request Id

11.7 Cancel Call Diversion (CDULL)



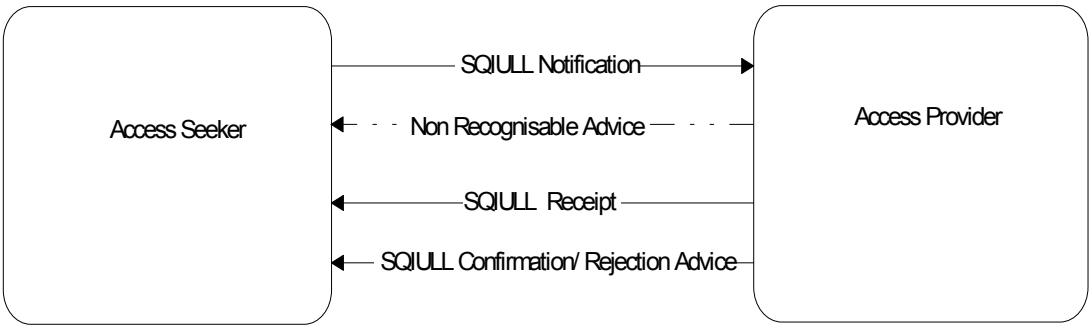
Trxn No.	Data Flow	Data Flow Description	Input/Output
785	CDULL Notification	Gaining "Access Seeker" sends notification to the "Access Provider" for cancellation of call diversion.	• Request Id • Service Number •
790	CDULL Receipt	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that cancellation notification has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record •
795	CDULL Confirmation Advice	"Access Provider" sends a confirmation advice to the gaining "Access Seeker" confirming that the cancellation will be actioned at the given date/time	• Request Id
800	CDULL Rejection Advice	"Access Provider" sends a rejection advice to the gaining "Access Seeker" confirming that the cancellation cannot be actioned at the given date/time	• Request Id • Reject Code
801	CDULL Completion Advice	"Access Provider" sends a completion advice to the gaining "Access Seeker" confirming that the switched base service, call diversion has been cancelled.	• Request Id

11.8 Service Qualification Query for vacant twisted metallic pair (SQVULL)



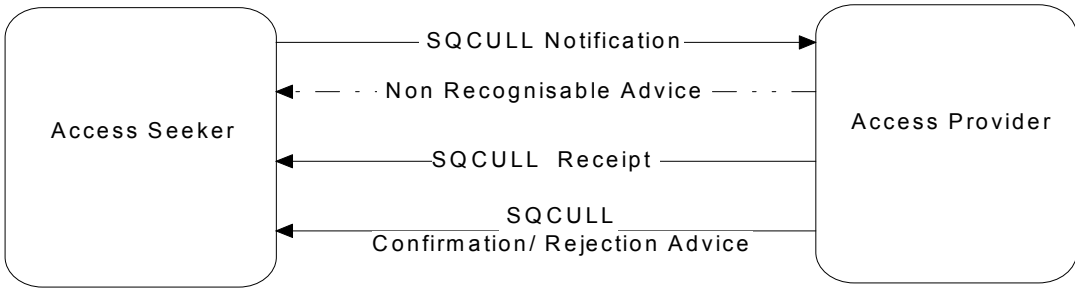
Trxn No.	Data Flow	Data Flow Description	Input/Output
810	SQVULL Notification	"Access Seeker" sends notification for query purposes to the "Access Provider" for determination of a vacant communications wire. That is compatible to deployment rules for a given deployment class.	• Request Id, • Customer Service Address Details • Number of Services, • Deployment Class, • Power Indicator, • Access Seeker Contact Details • Live Service FNN at Customer Address
815	VULL Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for communications wire has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
825	SQVULL Confirmation Advice	"Access Provider" sends a confirmation advice to the "Access Seeker" confirming that there is a communications wire available that meets deployment rules	• Request Id • Loop Trace Details • Sequence number • SQ date/time
820	SQVULL Rejection Advice	A rejection advice is sent to the "Access Seeker" rejecting the query. That is, either communications wire is not available or that the communications wire cannot be utilised for the given deployment class.	• Request Id • Loop Trace Details • Sequence number • SQ date/time • Reject Code • Customer Address Details (if Live FNN provided by Access Seeker)

11.9 Service Qualification Query for in use twisted metallic pair (SQIULL)



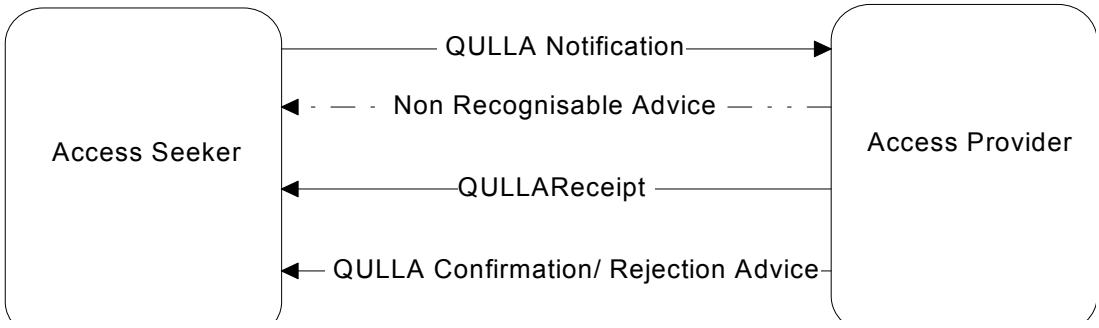
Trxn No.	Data Flow	Data Flow Description	Input/Output
830	SQIULL Notification	"Access Seeker" sends notification for query purposes to the "Access Provider" for determination of whether an in use communications wire is compatible to deployment rules for a given deployment class.	• Request Id • Service Number, • Deployment Class • Power Indicator,
835	SQIULL Receipt	"Access Provider" sends a receipt to the "Access Seeker" confirming that SQ query has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
845	SQIULL Confirmation Advice	"Access Provider" sends a confirmation advice to the "Access Seeker" confirming that the in use communications wire meets deployment rules	• Request Id • Loop Trace Details • Sequence number • SQ date/time
840	SQIULL Rejection Advice	A rejection advice is sent to the "Access Seeker" rejecting the query. That is the communications wire cannot be utilised for the given deployment class.	• Request Id • Loop Trace Details • Sequence number • SQ date/time • Reject Code

11.10 Service Qualification Query for change in use of a communications wire (SQCULL)



Trxn No.	Data Flow	Data Flow Description	Input/Output
850	SQCULL Notification	"Access Seeker" sends notification for query purposes to the "Access Provider" for determination of whether an in use ULL is compatible to deployment rules for a given deployment class.	• Request Id • ULLS Identifier, • Deployment Class • Power Indicator,
860	SQCULL Receipt	"Access Provider" sends a receipt to the "Access Seeker" confirming that SQ query has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
870	SQCULL Confirmation Advice	"Access Provider" sends a confirmation advice to the "Access Seeker" confirming that the in use ULL meets deployment rules	• Request Id • SQ date/time
865	SQCULL Rejection Advice	A rejection advice is sent to the "Access Seeker" rejecting the query. That is the ULL cannot be utilised for of the given deployment class.	• Request Id • SQ date/time • Reject Code

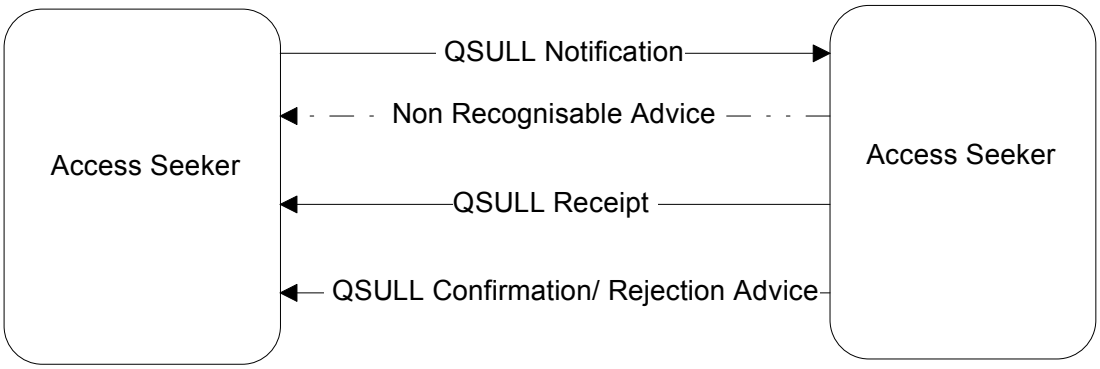
11.11 Retrieve ULLS via Address (QULLA)



Trxn No.	Data Flow	Data Flow Description	Input/Output

Trxn No.	Data Flow	Data Flow Description	Input/Output
190	QULLA Notification	"Access Seeker" sends notification for query purposes to the "Access Provider" for determination of all ULLS Identifiers associated to a customers address	• Request Id, • Customer Service Address Details
195	QULLA Receipt Advice	"Access Provider" sends a receipt to the gaining "Access Seeker" confirming that the notification for all ULLS Identifiers has been received	• Request Id
11	Non Recognisable Advice	"Access Provider" sends a transaction to the gaining "Access Seeker" if the request is non identifiable	• Duplicated record
200	QULLA Confirmation Advice	"Access Provider" sends a confirmation advice to the "Access Seeker" confirming that there are ULLS Identifiers for the given address	• Request Id, • ULLS Identifier • Sequence number • ULL Status
205	QULLA Rejection Advice	A rejection advice is sent to the "Access Seeker" rejecting the query. That is, there are no ULLS Identifiers for the given address.	• Request Id, • Reject Code

11.12 Retrieve service number via ULL (QSULL)



Trxn No.	Data Flow	Data Flow Description	Input/Output
210	QSULL Notification	"Access Seeker" sends notification for query purposes to another "Access Seeker" (that is utilising the ULL) for determination of all service numbers that are associated to the one physical ULL eg ULLS Identifier	• Request Id, • ULLS Identifier
215	QSULL Receipt Advice	"Access Seekers" (that is utilising the ULL) sends a receipt to the requesting "Access Seeker" confirming that the notification has been received	• Request Id
11	Non Recognisable Advice	"Access Seeker" (that is utilising the ULL) sends a transaction to the "Access Seeker" if the request is non identifiable	• Duplicated record
220	QSULL Confirmation Advice	"Access Seeker" (that is utilising the ULL) sends a confirmation advice to the "Access Seeker" confirming that there are service numbers associated to the one physical ULL eg ULLS Identifier	• Request Id • Reject Code
225	QSULL Rejection Advice	A rejection advice is sent to the "Access Seeker" rejecting the query. That is, there are no service numbers associated to the one physical ULL eg ULLS Identifier	• Request Id • Service number • Sequence number

12. INTER-CARRIER PROCESSING

The following section will outline the processing required for the various types of dialogues. The acquisition processes have been combined, as the data flows are similar even though the intent and data attributes are different. The differences in relation to validation will be identified separately in the processing validations

To minimise confusion on the process diagrams the late introduction of the following transactions will not be included into the process diagrams:

1. Non Recognisable Advice
2. Renegotiated Cutover Advice

It should be noted that:

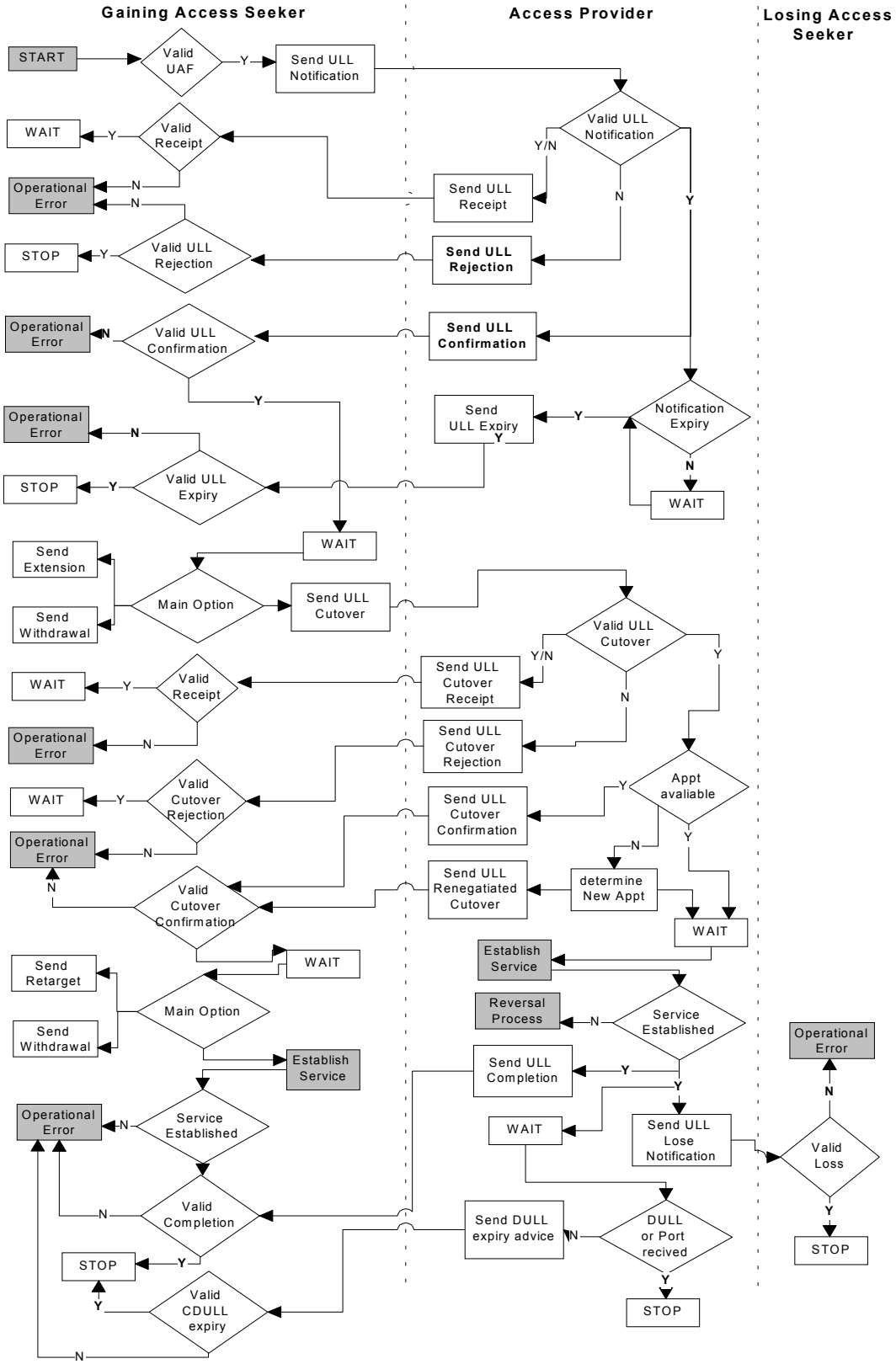
1. When validating any request and subsequent transaction is found to be unrecognisable eg invalid transaction number the "Access Provider" will send to the "Access Seeker" a Non Recognisable Advice. This advice will be a duplicate of the unrecognisable request/transaction.
2. When a cutover or retarget is sent by an "Access Seeker" to an "Access Provider", if the transaction is found to be valid but the "Access Provider" is not able to meet the cutover date/time, eg no work force available, the "Access Provider" will contact the "Access Seeker" to determine a new date/time. Once a new cutover date/time has been determined the "Access Provider" will send a Renegotiated Cutover Advice to the "Access Seeker". The Renegotiated Cutover Advice for all intents and purposes can be treated as a valid cutover advice in relation to time frames and validations.

Common validations for all transactions are as follows:

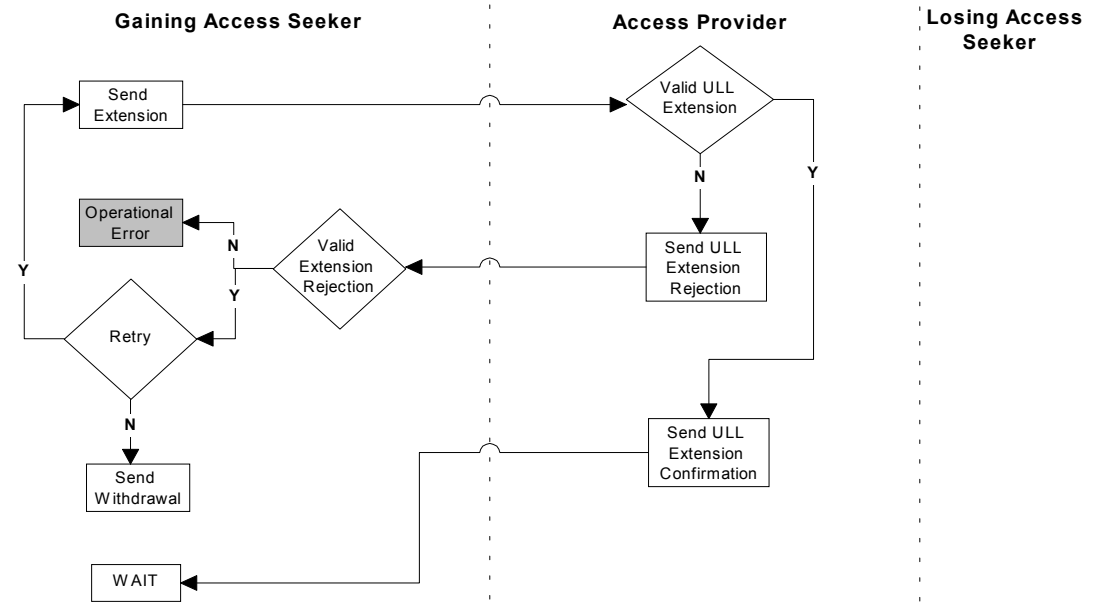
1. Unrecognisable transactions based on transaction number (undefined), or an invalid format characteristic will be sent back as an unrecognisable transaction eg transaction number (record type) 011.
2. Request id not known or an active duplicate will rejected using Reject Code 041.
3. All data fields in the transaction being blank will rejected using Reject Code 007.
4. Transactions with alphanumeric fields that contain leading blanks will be rejected using Reject Code 033.
5. A transaction of the same type and in the same file that references the same FNN service number or ULL identifier will be rejected with Reject Code 036.
6. If a transaction is invalid for that Access Seeker it will be rejected with Reject Code 057.

12.1 Acquire End to End Process (VULL, DULL, IULL, TULL)

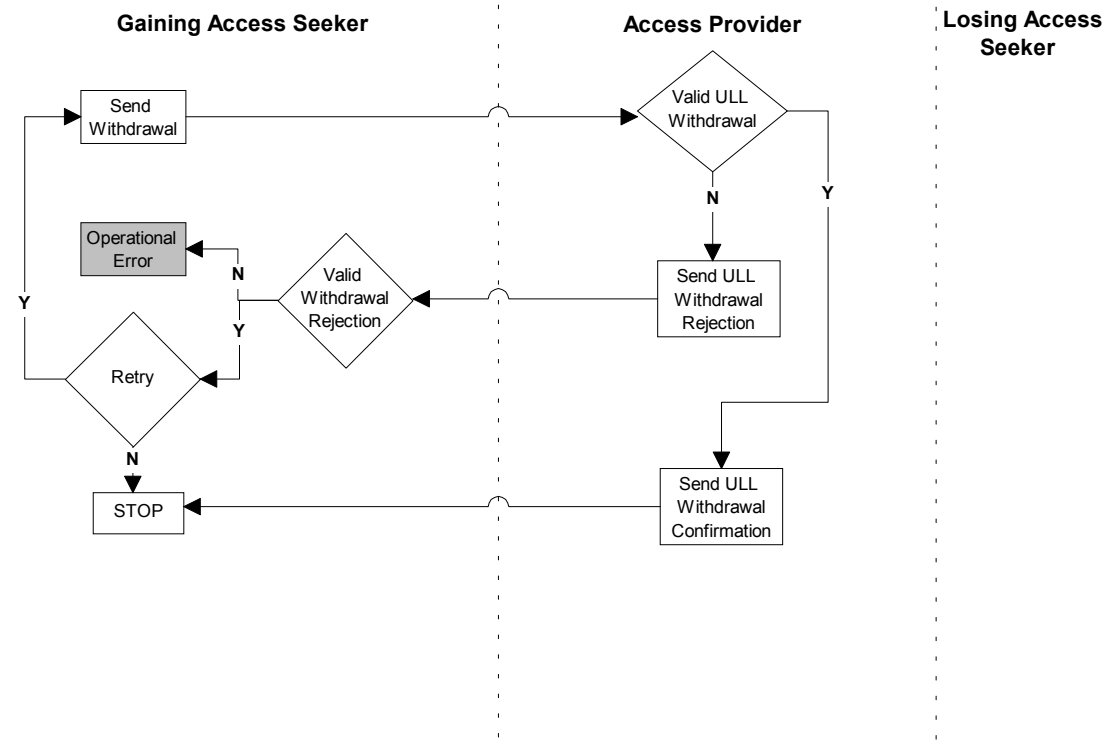
12.1.1 Process Diagram



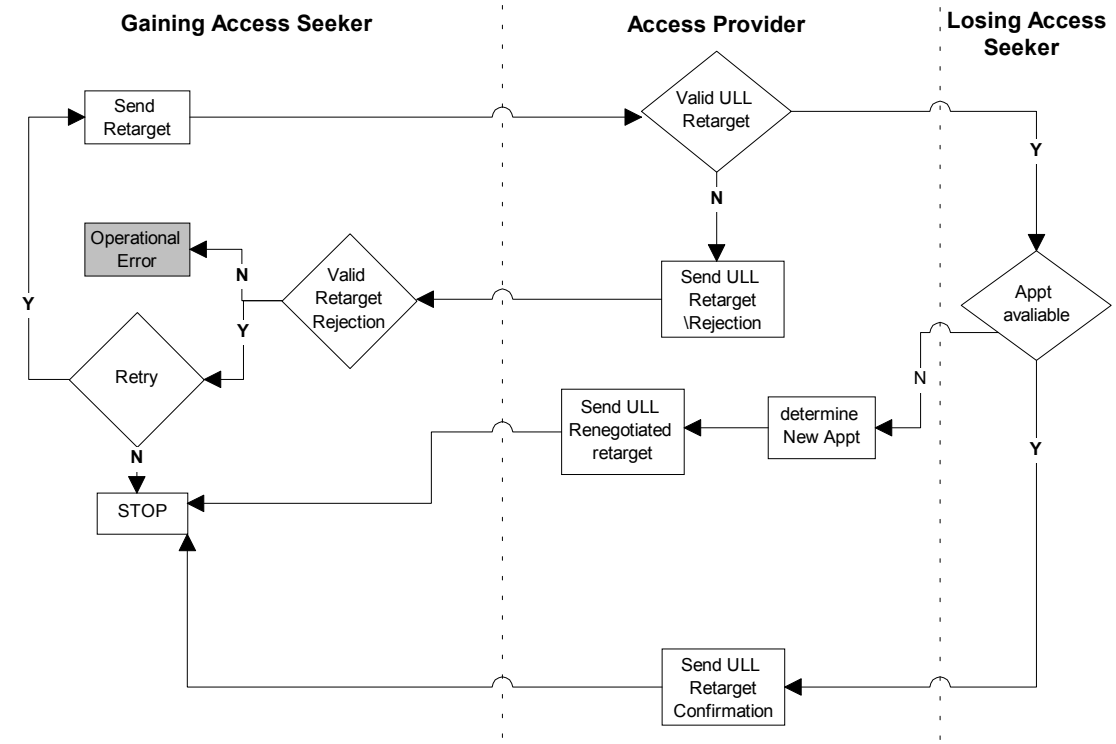
Extension



Withdrawal



Retarget



12.1.2 Process Validations

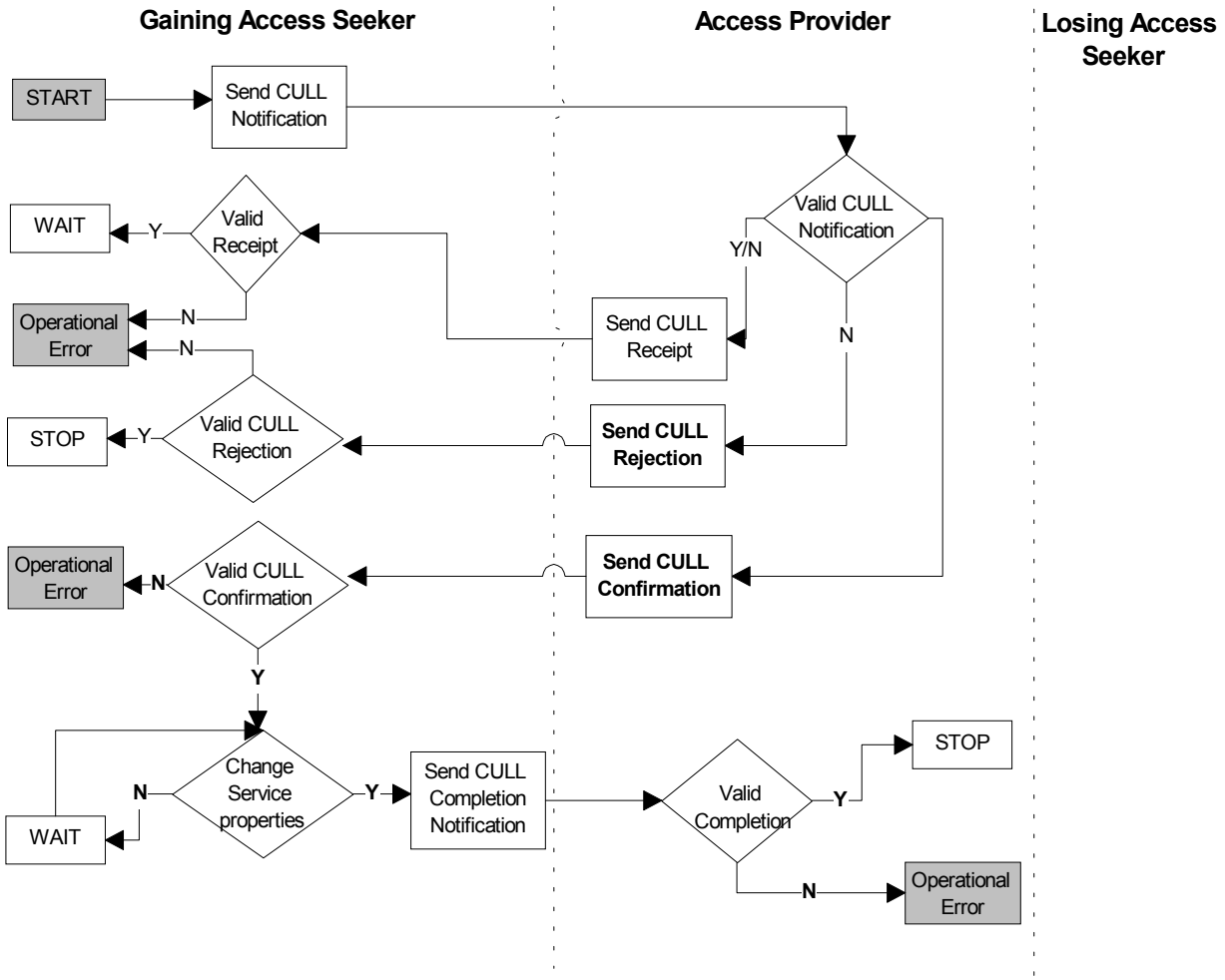
Process Name	Validations	Reject code
Valid ULL Notification Common to all events	(1) deployment class not compatible (2) invalid deployment class (3) invalid power indicator (4) POI details are invalid (5) the POI is not associated to the appropriate exchange, eg The ESA (or exchange) of the NBP is not the same as POI (6) Invalid Assurance Category (7) POI already assigned (8) incorrect number of records or mismatching data received for multi order requests (9) line conditioning equipment found (10) duplicate POI details within multi order request (11) CA date is future dated (12) the CA Signed date is greater than 30 Clear Business days from receipt of the ULL Notification (13) Circuit contains a tie cable	(1) 058 (2) 028 (3) 043 (4) 068 (5) 069 (6) 045 (7) 026 (8) 025 (9) 049 (10) 040 (11) 067 (12) 067 (13) 031
Valid DULL, IULL Notification common	(1) service number not found (2) number already ported to the gaining Access Seeker (3) the telephone number is already ported to another C/CSP (4) number is owned and utilised by the Access Provider ie test service (5) the service number is not active (6) the number associated to the Communications Wire is not a single line service (7) the telephone number and account number provided is not a valid association (8) the product associated to the telephone number is a complex product (9) the number is in the process of being ported to the C/CSP (10) the number is in the process of being ported to another C/CSP (11) the telephone number is pending disconnection (12) invalid account number (13) invalid address to service number association (14) address is in the area defined for the POI ESA	(1) 001 (2) 009 (3) 010 (4) 011 (5) 003 (6) 066 (7) 017 (8) 005 (9) 051 (10) 042 (11) 004 (12) 018 (13) 027 (14) 019
Valid TULL Notification common	(1) ULL service is already allocated to the gaining Access Seeker (2) ULL service is in the process of being allocated to the gaining Access Seeker (3) ULL service is in the process of being allocated to another the gaining Access Seeker (4) ULLS Identifier not found	(1) 014 (2) 015 (3) 016 (4) 022
Valid VULL Notification common	(1) address not found (2) No vacant pair available (3) Address is in the area defined for the POI ESA (4) No error and error on associated transaction in a multi-service VULL	(1) 023 (or 002 or 008 if Live FNN) (2) 021 (3) 019 (4) 024
Valid DULL, Notification common	(1) Invalid billing Profile	(1) 006

Process Name	Validations	Reject code
Outcome / action	• Access Provider sends a Receipt Advice to the Access Seeker within 1 business day of receipt of the ULL Notification • Access Provider sends a ULL Confirmation or Rejection Advice to the Access Seeker within 3 business day of receipt of the ULL Notification • Confirmation of the ULL Notification will commence the expiry count down and the ULL Notification will become active • The expiry date for a confirmed ULL Notification will be set to 5 business days from receipt of the ULL confirmation(inclusive) • Rejection of the ULL Notification will not make the ULL Notification active • Confirmed requests will have a ULL allocated to the "Access Seeker"	
Valid ULL Cutover	(1) a confirmed and active ULL notification does exist for the same gaining Access Seeker (2) ULL cutover date and time are within standard hours of operations, or as otherwise agreed. (3) cutover date must be greater than or equal to 5 business days and less than or equal to 10 business days from the receipt of the ULL cutover notification. (4) A valid CA Signed Date must have been received on at least one of the ULL Notification or the Cutover Notification transactions.	(1) 035 (2) 034 (3) 053 (4) 029
Outcome / action	• A ULL cutover receipt will be sent to the gaining Access Seeker within 1 business day from receipt of the ULL Cutover Notification to confirm that the ULL Cutover notification has been received • Access Provider sends ULL Cutover Rejection/ Confirmation within 2 business days of receipt of the ULL Cutover Notification • If the cutover is valid but the cutover date/time cannot be met a Renegotiated Cutover Advice will be sent to the gaining Access Seeker within 2 business days of the ULL Cutover Notification • Confirmation will imply that no further ULL Extension Notifications are to be accepted	
Valid ULL Extension	(1) a confirmed and active ULL notification does not exist for the for the same gaining Access Seeker (2) confirm that a ULL cutover notification does not exist for same gaining Access Seeker (3) ULL Extension notification does not exceed 1 confirmed attempt in total (4) the ULL extension must be received 1 clear business day prior to expiry	(1) 035 (2) 055 (3) 037 (4) 032
Outcome / action	• Access Provider sends ULL Extension Rejection/ Confirmation within 1 business day of receipt of the ULL Extension Notification • Confirmations will cause the expiry date of the ULL request to be moved forward 5 business days from receipt of the ULL Extension Notification	

Process Name	Validations	Reject code
Valid ULL Withdrawal	(1) a confirmed and active ULL notification does not exist for the same gaining Access Seeker (2) receipt of the ULL Withdrawal Notification must be 1 business day prior to expiry where there is no ULL cutover notification received (3) receipt of the ULL Withdrawal Notification must be 2 business day prior to cutover if a ULL cutover notification is received	(1) 035 (2) 032 (3) 032
Outcome / action	• Access Provider sends ULL Withdrawal Rejection/ Confirmation within 1 business day of receipt of the ULL Withdrawal Notification • Confirmations will cancel the ULL request	
Valid ULL Retarget	(1) a confirmed and active ULL notification does not exist for the same gaining Access Seeker (2) ULL cutover date and time are within standard hours of operations, or as otherwise agreed. (3) ULL Retarget Notification must be received 1 business day prior to cutover date and time (4) Retarget date must be greater than or equal to 5 business days and less or equal to than 10 business days from the receipt of the ULL Retarget notification (5) ULL Retarget Notification cannot exceed 1 successful attempt	(1) 035 (2) 034 *(3)* 032 (4) 053 (5) 037
Outcome / action	• A ULL Retarget receipt will be sent to the gaining Access Seeker within 1 business day from receipt of the ULL Retarget Notification to confirm that the ULL Retarget notification has been received • Access Provider sends ULL Retarget Rejection/ Confirmation within 2 business days of receipt of the ULL Retarget Notification • If the cutover is valid but the cutover date/time cannot be met a Renegotiated retarget Advice will be sent to the gaining Access Seeker within 2 business day of the ULL Retarget Notification • The retarget date/time will be used for cutover	
Notification Expiry	(1) Any ULL Notification that exceeds its ULL Notification expiry date will have a ULL Expiry Notification sent to the Access Seeker ie the notification will be sent one clear business day after the expiry date	
Outcome / action	Access Provider cancels the ULL Notification	
Service Established	(1) On completion of the ULL Notification the Access Provider will send a ULL Completion Advice to the Access Seeker within 1 business day of cutover	
Outcome / action	• The Access Provider sets the ULL Notification to completed	
CDULL or Port received	(1) If no CDULL (call diversion cancellation) or Port (Cat D) notification is received within 30 calendar days from call diversion establishment. The Access Provider sends to the Access Seeker a CDULL expiry notification.	
Outcome / action	• The Access Provider will cancel call diversion	

12.2 Change of Communications Wire Use End to End Process

12.2.1 Process Diagram



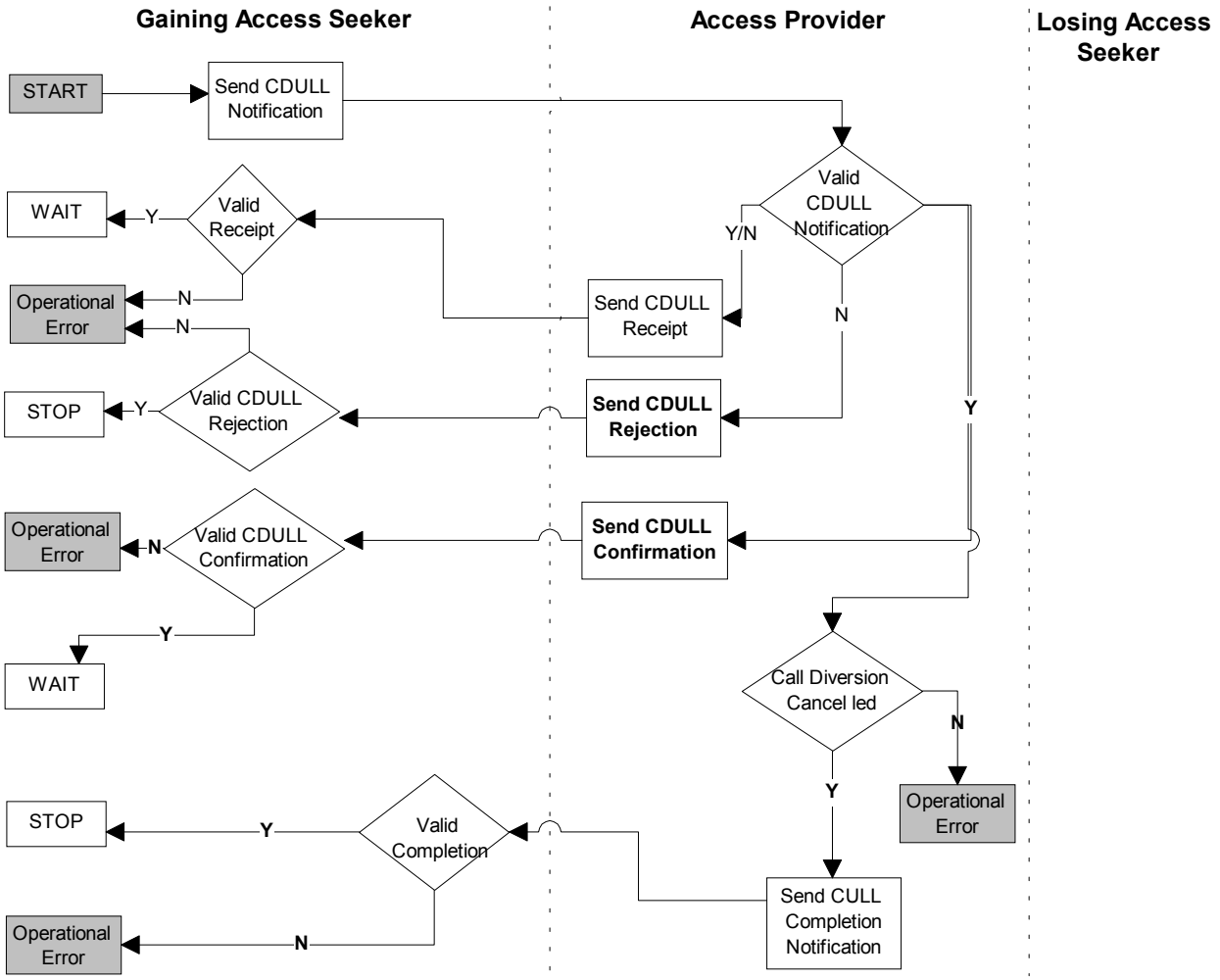
12.2.2 Process Validations

Process Name	Validations	Reject code
Valid CULL Notification	(1) deployment class not compatible (2) invalid deployment class (3) invalid power indicator (4) ULL not allocated to the requesting Access Seeker (5) ULLS Identifier not found (6) Invalid Assurance Category (7) An active TULL or Handback is in progress	(1) 058 (2) 028 (3) 043 (4) 030 (5) 022 (6) 045 (7) 048
Outcome / action	• Access Provider sends a CULL Receipt Advice to the Access Seeker within 1 business day of receipt of the CULL Notification • Access Provider sends a CULL Rejection Advice to the Access Seeker within 3 business day of receipt of the CULL Notification • Access Provider sends a CULL Confirmation Advice to the Access Seeker within 3 business day of receipt of the CULL Notification	
Valid Completion	(1) correct record format for event type (2) a confirmed and active CULL notification does not exist	(1) 020 (2) 035

Process Name	Validations	Reject code
	for the same gaining Access Seeker	
Outcome / action	• On completion of the upgrade the Access Seeker will send a CULL Completion Advice to the Access Provider • The Access Provider updates service details and deems the request completed. • Access Seekers sends a CULL completion advice to the Access Provider within 1 business day of completion of the change in deployment class	

12.3 Cancel Call Diversion End to End Process

12.3.1 Process Diagram

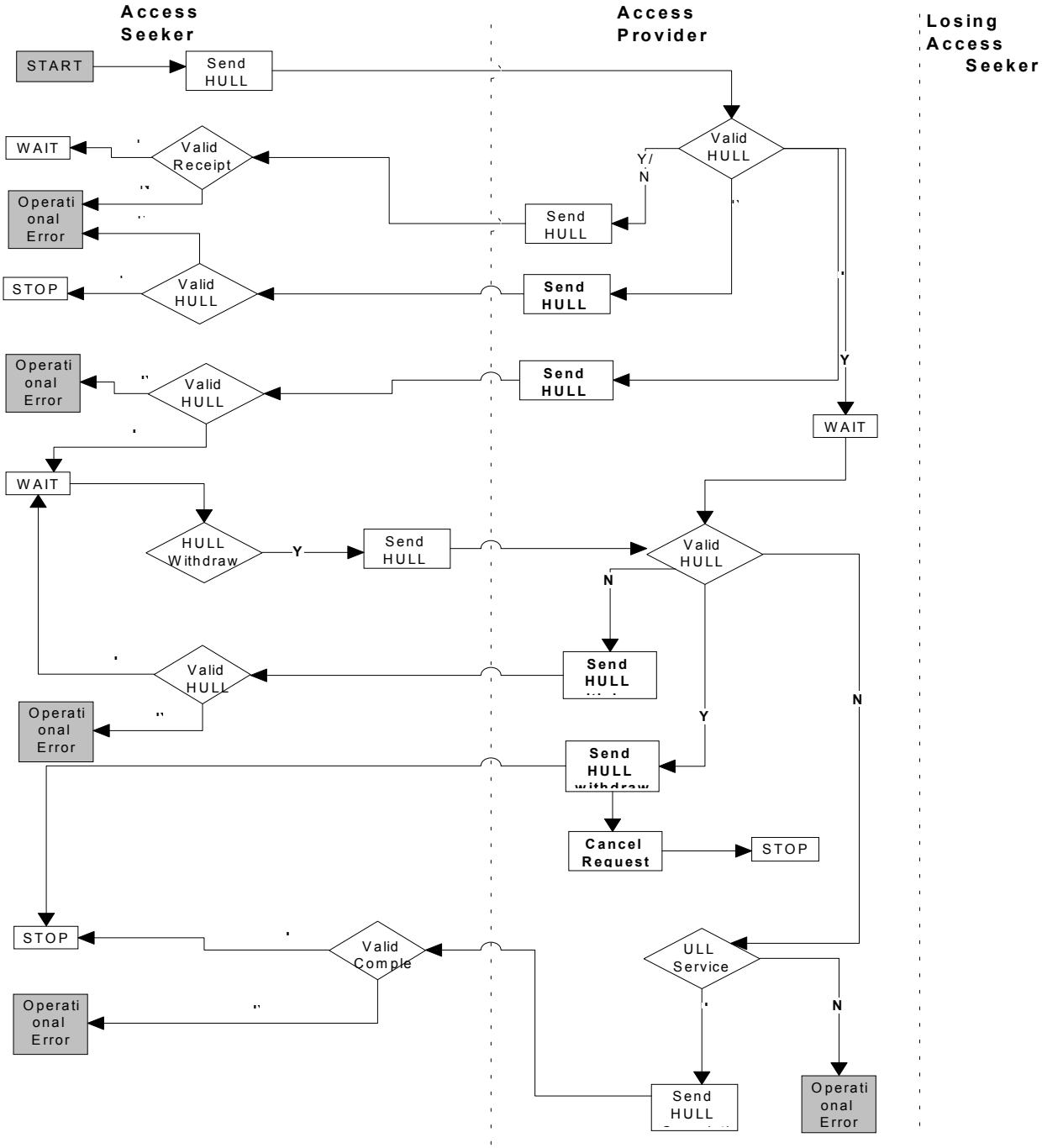


12.3.2 Process Validations

Process Name	Validations	Reject code
Valid CDULL Notification	(1) service number not found (2) number already ported to the gaining C/CSP (3) the telephone number is already ported to another C/CSP (4) the number is in the process of being ported to the C/CSP (5) the number is in the process of being ported to another C/CSP (6) the service number is not established with Call Diversion for the gaining Access Seeker (7) call diversion time expired	(1) 001 (2) 009 (3) 010 (4) 051 (5) 042 (6) 044 (7) 032
Outcome / action	• Access Provider sends a CDULL Receipt Advice to the Access Seeker within 1 business day of receipt of the CDULL Notification • Access Provider sends a CDULL Rejection Advice to the Access Seeker within 3 business day of receipt of the CDULL Notification • Access Provider sends a CDULL Confirmation Advice to the Access Seeker within 3 business day of receipt of the CDULL Notification	
Call Diversion Cancelled	(1) On completion of the call diversion cancellation the Access Seeker will send a CDULL Completion Advice to the Access Seeker within 1 business day	
Outcome / action	• The Access Provider cancels the switch based service	

12.4 Handback Communications Wire End to End Process

12.4.1 Process Diagram



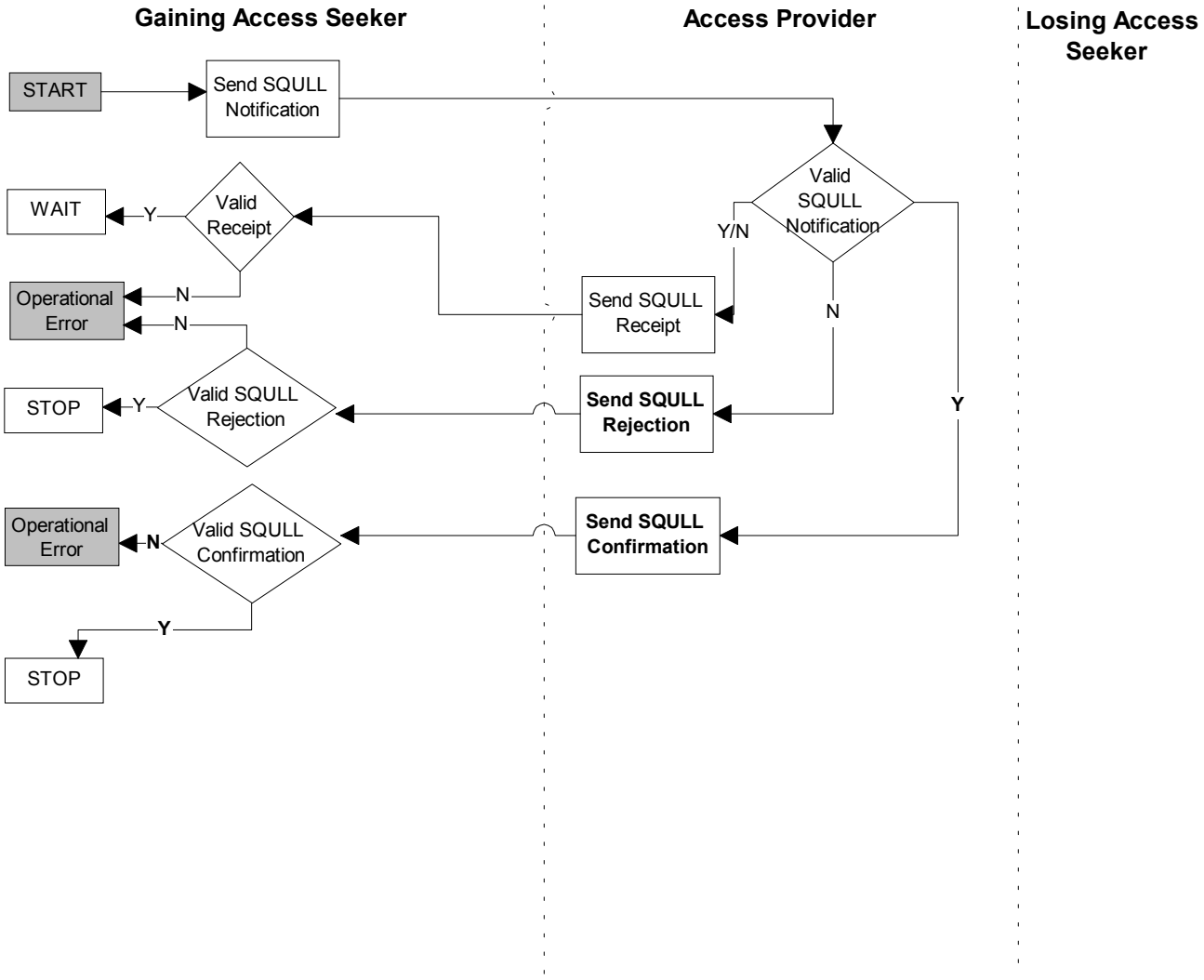
12.4.2 Process Validations

Process Name	Validations	Reject code
Valid HULL Notification	(1) ULLS Identifier not found (2) ULL not allocated to the requesting Access Seeker (3) An active TULL is in progress for this ULLS Identifier (4) An active CULL is in progress for this ULLS Identifier (5) An active VULL, IULL or DULL is in progress for this ULLS Identifier (6) An active HULL is in progress for this ULLS Identifier	(1) 022 (2) 030 (3) 048 (4) 047 (5) 015 (6) 041
Outcome / action	• Access Provider sends a HULL Receipt Advice to the Access Seeker within 1 business day of receipt of the HULL Notification • Access Provider sends a HULL Rejection Advice to the Access Seeker within 3 business day of receipt of the HULL Notification • Access Provider sends a HULL Confirmation Advice to the Access Seeker within 3 business day of receipt of the HULL Notification	
Valid HULL withdrawal received	(1) a confirmed and active pending HULL notification does not exist for the same Access Seeker (2) The HULL withdrawal notification must be received within 5 business days of HULL confirmation (3) An active TULL is in progress	(1) 035 (2) 056 (3) 048
Outcome / action	• Access Provider sends a HULL withdrawal Rejection Advice to the Access Seeker within 1 business day of receipt of the HULL withdrawal Notification • Access Provider sends a HULL withdrawal Confirmation Advice to the Access Seeker within 1 business day of receipt of the HULL withdrawal Notification	
ULL Service Cancelled	(1) On completion of the cancellation of the ULL service the Access Provider will send a HULL Completion Advice to the Access Seeker	
Outcome / action	• The Access Provider cancels the ULL either immediately if the Handback type is G (Handback) or after 5 clear business days if the Handback type is PG (Pending Handback) Note: The transaction name has been changed from Giveback to Handback to align with the code. However Handback Record Type values have been kept unchanged (from those of the Giveback transactions) to minimise impact on software.	

12.5 Service Qualification Query for communications wire (SQVULL, SQIULL, SQCULL)

As the service qualification queries are similar in dialogue processing the three types will be described in one process diagram and process validation. Where transactions are of a common type they will be referred to as a generic transaction eg SQVULL, SQIULL, SQCULL is described as SQULL.

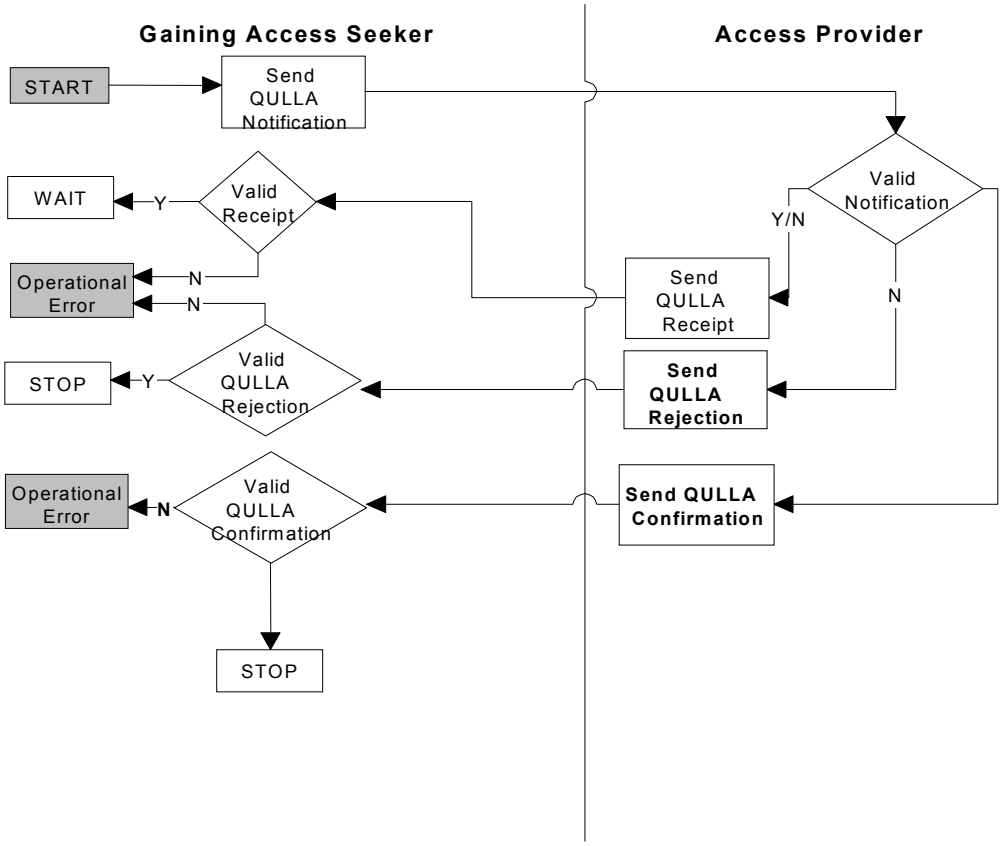
12.5.1 Process Diagram



12.5.2 Process Validations

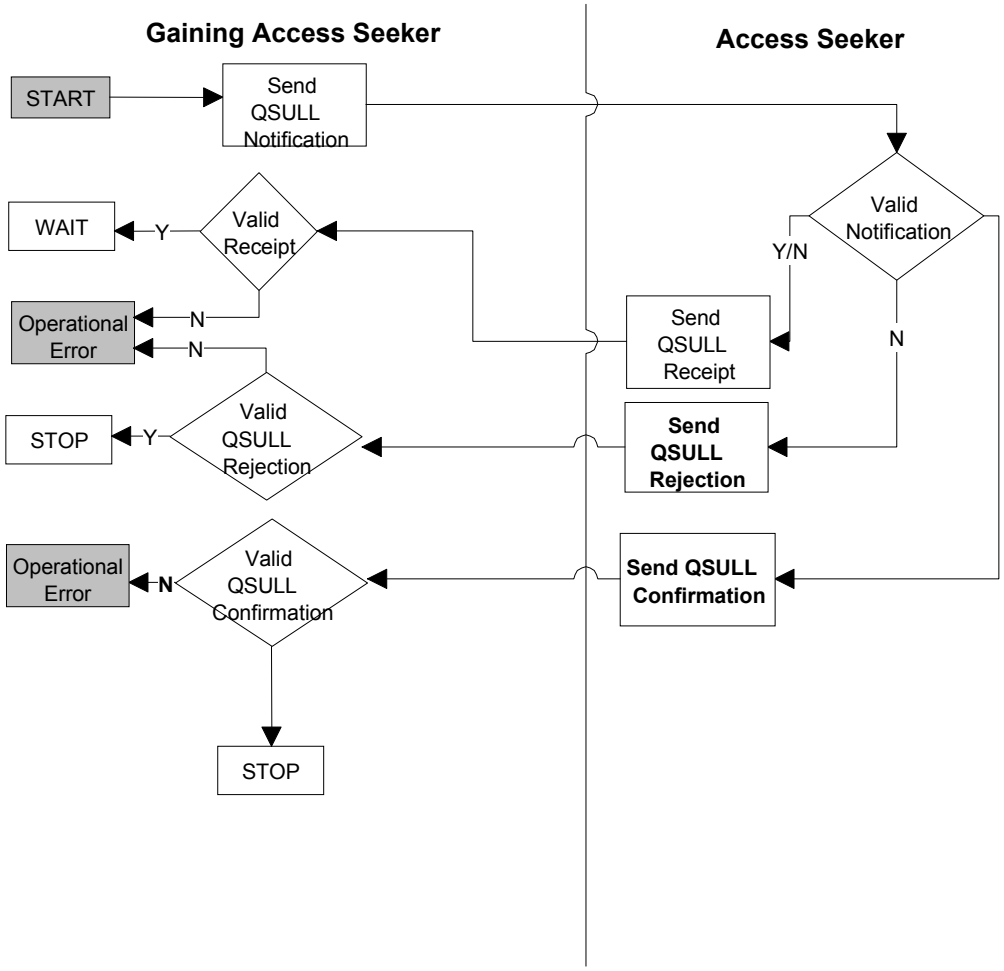
Process Name	Validations	Reject code
Valid Service Qualification quires Common to all events	(1) deployment class not compatible (2) invalid deployment class (3) invalid power indicator (4) line conditioning equipment found	(1) 058 (2) 028 (3) 043 (4) 049
Valid SQVULL,	(1) address not found (2) No vacant pair available	(1) 023 (or 002 or 008 if Live FNN) (2) 021
Valid SQIULL Notification	(1) the service number is not found (2) the service number is not active	(1) 001 (2) 003
Valid SQCULL Notification	(1) ULLS Identifier not found	(1) 022
Outcome / action	• Access Provider sends a SQULL Receipt Advice to the Access Seeker within 1 business day of receipt of the SQULL Notification • Access Provider sends a SQULL Rejection Advice to the Access Seeker within 3 business day of receipt of the SQULL Notification • Access Provider sends a SQULL Confirmation Advice to the Access Seeker within 3 business day of receipt of the HULL Notification	

12.6 Retrieve ULLS Related Data (QULLA)



Process Name	Validations	Reject code
Valid QULLA notification,	(1) address not found	(1) 023
Outcome / action	• Access Provider sends a QULLA Receipt Advice to the Access Seeker within 1 business day of receipt of the QULLA Notification • Access Provider sends a QULLA Rejection Advice to the Access Seeker within 3 business day of receipt of the QULLA Notification • Access Provider sends a QULLA Confirmation Advice to the Access Seeker within 3 business day of receipt of the QULLA Notification	

12.7 Retrieve ULLS Related Data (QSULL)



Process Name	Validations	Reject code
Valid QSULL Notification	(1) ULLS Identifier not found	(1) 022
Outcome / action	• Losing Access Seeker sends a QSULL Receipt Advice to the Gaining Access Seeker within 1 business day of receipt of the QSULL Notification • Losing Access Seeker sends a QSULL Rejection Advice to the Gaining Access Seeker within 3 business day of receipt of the QSULL Notification • Losing Access Seeker sends a QSULL Confirmation Advice to the Gaining Access Seeker within 3 business day of receipt of the QSULL Notification	

13. PHYSICAL IMPLEMENTATION OF EVENT TRANSACTIONS

The following section describes the physical record formats for each transaction (eg dialogue)

13.1 Unrecognisable transaction

Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "011"	Y
Invalid transaction details	CHAR(345)	Copy of the unrecognisable transaction	Y

13.2 Acquire Vacant Communications Wire (VULL)

13.2.1 VULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "005 "	Y
Request Id	NUM(9)	eg 000000001	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	Y
Customer Postcode	CHAR(6)	eg 3038	Y
Number of Services	NUM(3)	eg 022	Y
Deployment Class	CHAR(3)	eg "7a"	Y
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O
POI ESA Code	CHAR(6)	Eg RWOD	Y
POI MDF	CHAR(6)	Value is other than spaces	Y
POI Cable	CHAR(4)	Value is other than spaces	Y
POI Pair	CHAR(4)	Value is other than spaces	Y
Access Seeker Contact First Name	CHAR(20)	Value is other than spaces	Y
Access Seeker Contact Last Name	CHAR(30)	Value is other than spaces	Y
Access Seeker Contact Phone No	NUM(10)	Value is other than spaces	Y
Access Seeker Contact Fax No	NUM(10)		O

Attribute Name	Length	Comment	Mandatory
Access Seeker Contact Mobile No	NUM(10)		O
Network Boundary Point Details	CHAR(100)	Free format Text to further elaborate on address eg level 1 shop 4 52 Andersen St Taylors Lakes 3038	O
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Assurance Category	CHAR(8)	Values :- STANDARD BUSINESS EXPRESS	M
Request Sequence	NUM(3)	Request sequence for a request eg 01	Y
Live Service FNN at Customer Address	NUM(10)	eg: 0812345678	O

13.2.2 VULL Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "010 "	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.3 VULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "015 "	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	Y
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	Y
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	Y
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
POI ESA Code	CHAR(6)	Eg RWOD	Y
POI MDF	CHAR(6)	Value is other than spaces	Y
POI Cable	CHAR(4)	Value is other than spaces	Y
POI Pair	CHAR(4)	Value is other than spaces	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y

Attribute Name	Length	Comment	Mandatory
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	eg Format YYYYMMDD	Y
SQ Time	CHAR(4)	eg Format HHMM.	Y

13.2.4 VULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "020 "	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	O
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	O
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	O
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
POI ESA Code	CHAR(6)	Eg RWOD	Y
POI MDF	CHAR(6)	Value is other than spaces	Y
POI Cable	CHAR(4)	Value is other than spaces	Y
POI Pair	CHAR(4)	Value is other than spaces	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	O
Customer Postcode	CHAR(6)	eg 3038	O

13.2.5 VULL Extension Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "021"	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.6 VULL Extension Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "022"	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.7 VULL Extension Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "023 "	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.2.8 VULL Expiry

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "025"	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.9 VULL Cutover Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "030"	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	eg Format YYYYMMDD	Y
Cutover Time	CHAR(4)	eg Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

Attribute Name	Length	Comment	Mandatory
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Site Contact First Name	CHAR(20)		O
Site Contact Last Name	CHAR(30)		O
Site Contact Phone No	NUM(10)		O
Site Contact Mobile No	NUM(10)		O

13.2.10 VULL Cutover Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "035"	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.11 VULL Cutover Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "040"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.2.12 VULL Cutover Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "050"	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y

13.2.13 VULL Renegotiated Cutover Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "045"	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y

Attribute Name	Length	Comment	Mandatory
Termination Terminal Box	CHAR(10)	eg T725	O
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.2.14 VULL Retarget Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “055”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.2.15 VULL Retarget Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “060”	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.16 VULL Retarget Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “065”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.2.17 VULL Retarget Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “070”	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.18 VULL Retarget Renegotiation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “046”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.2.19 VULL Withdrawal Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “075”	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.20 VULL Withdrawal Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “080”	Y
Request Id	NUM(9)	eg 000000001	Y

13.2.21 VULL Withdrawal Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “085”	Y
Request Id	NUM(9)	eg 000000001	Y

Attribute Name	Length	Comment	Mandatory
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.2.22 VULL Completion

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "090"	Y
Request Id	NUM(9)	eg 000000001	Y

13.3 Acquire In Use Communications Wire and set Call Diversion (DULL)

13.3.1 DULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "095 "	Y
Request Id	NUM(9)	eg 000000001	Y
Account Number	CHAR(25)		O
Service Number	CHAR(20)	eg. 0396342223	Y
Call Diversion Service Number	CHAR(10)	eg. 0396342223	Y
Deployment Class	CHAR(3)	eg "7a	Y
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O
POI ESA Code	CHAR(6)	Eg RWOD	Y
POI MDF	CHAR(6)	Value is other than spaces	Y
POI Cable	CHAR(4)	Value is other than spaces	Y
POI Pair	CHAR(4)	Value is other than spaces	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	Y
Customer Postcode	CHAR(6)	eg 3038	Y
Access Seeker Contact First Name	CHAR(20)	Value is other than spaces	Y
Access Seeker Contact Last Name	CHAR(30)	Value is other than spaces	Y

Attribute Name	Length	Comment	Mandatory
Access Seeker Contact Phone No	NUM(10)	Value is other than spaces	Y
Access Seeker Contact Fax No	NUM(10)		O
Access Seeker Contact Mobile No	NUM(10)		O
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Assurance Category	CHAR(8)	Values :- STANDARD BUSINESS EXPRESS	M
Billing Profile	CHAR(3)	Non blank eg XYZ, etc	M

13.3.2 DULL Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "100 "	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.3 DULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "105 "	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	Y
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	Y
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	Y
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.3.4 DULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "110 "	Y
Request Id	NUM(9)	eg 000000001	Y

Attribute Name	Length	Comment	Mandatory
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	O
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	O
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	O
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Reject Code	NUM(3)	Any numeric value is a reject.	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.3.5 DULL Extension Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “111”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.6 DULL Extension Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “112”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.7 DULL Extension Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “113 ”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.3.8 DULL Expiry

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “115”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.9 DULL Cutover Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “120”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Site Contact First Name	CHAR(20)		O
Site Contact Last Name	CHAR(30)		O
Site Contact Phone No	CHAR(10)		O
Site Contact Mobile No	CHAR(10)		O

13.3.10 DULL Cutover Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “125”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.11 DULL Cutover Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “130”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.3.12 DULL Cutover Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “140”	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O

13.3.13 DULL Renegotiated Cutover Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "135"	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.3.14 DULL Retarget Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "145"	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.3.15 DULL Retarget Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "150"	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.16 DULL Retarget Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "155"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.3.17 DULL Retarget Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "160"	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.18 DULL Retarget Renegotiation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “136”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.3.19 DULL Withdrawal Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “165”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.20 DULL Withdrawal Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “170”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.21 DULL Withdrawal Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “175”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.3.22 DULL Completion

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “180”	Y
Request Id	NUM(9)	eg 000000001	Y

13.3.23 DULL Lose Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “181”	Y
Request Id	NUM(9)	eg 000000001	Y

Attribute Name	Length	Comment	Mandatory
Service Number	CHAR(20)	eg. 0396342223	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Gaining Access Seeker	CHAR(3)	eg OPT	Y

13.3.24 DULL Call Diversion Expiry Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "182"	Y
Request Id	NUM(9)	eg 000000001	Y
Service Number	CHAR(20)	eg. 0396342223	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y

13.4 Acquire In Use Communications Wire (IULL)

13.4.1 IULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "290 "	Y
Request Id	NUM(9)	eg 000000001	Y
Account Number	CHAR(25)	Other than spaces	O
Service Number	CHAR(20)	eg. 0396342223	Y
Deployment Class	CHAR(3)	eg "7a"	Y
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O
POI ESA Code	CHAR(6)	Eg RWOD	Y
POI MDF	CHAR(6)	Value is other than spaces	Y
POI Cable	CHAR(4)	Value is other than spaces	Y
POI Pair	CHAR(4)	Value is other than spaces	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	Y
Customer Postcode	CHAR(6)	eg 3038	Y
Access Seeker Contact First Name	CHAR(20)	Value is other than spaces	Y
Access Seeker Contact Last Name	CHAR(30)	Value is other than spaces	Y
Access Seeker Contact Phone No	NUM(10)	Value is other than spaces	Y
Access Seeker Contact Fax No	NUM (10)		O
Access Seeker Contact Mobile No	NUM (10)		O
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Assurance Category	CHAR(8)	Values :- STANDARD BUSINESS EXPRESS	M

13.4.2 IULL Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "295 "	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.3 IULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "300 "	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	Y
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	Y
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	Y
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.4.4 IULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "305"	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	O
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	O
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	O
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Reject Code	NUM(3)	Any numeric value is a reject.	Y

Attribute Name	Length	Comment	Mandatory
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.4.5 IULL Extension Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "306"	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.6 IULL Extension Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "307"	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.7 IULL Extension Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "308 "	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.4.8 IULL Expiry

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "310"	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.9 IULL Cutover Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "315"	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y

Attribute Name	Length	Comment	Mandatory
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Site Contact First Name	CHAR(20)		O
Site Contact Last Name	CHAR(30)		O
Site Contact Phone No	CHAR(10)		O
Site Contact Mobile No	CHAR(10)		O

13.4.10 IULL Cutover Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "320"	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.11 IULL Cutover Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “325”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.4.12 IULL Cutover Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “335”	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O

13.4.13 IULL Renegotiated Cutover Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “330”	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.4.14 IULL Retarget Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “340”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.4.15 IULL Retarget Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “345”	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.16 IULL Retarget Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “350”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.4.17 IULL Retarget Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “355”	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.18 IULL Retarget Renegotiation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “346”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.4.19 IULL Withdrawal Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “360”	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.20 IULL Withdrawal Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “365”	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.21 IULL Withdrawal Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “370”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.4.22 IULL Completion

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “375”	Y
Request Id	NUM(9)	eg 000000001	Y

13.4.23 IULL Lose Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "376"	Y
Request Id	NUM(9)	eg 000000001	Y
Service Number	CHAR(20)	eg 0396342223	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Gaining Access Seeker	CHAR(3)	eg OPT	Y

13.5 Transfer In Use Communications Wire (TULL)

13.5.1 TULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "395 "	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Deployment Class	CHAR(3)	eg "7a"	Y
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O
POI ESA Code	CHAR(6)	Eg RWOD	Y
POI MDF	CHAR(6)	Value is other than spaces	Y
POI Cable	CHAR(4)	Value is other than spaces	Y
POI Pair	CHAR(4)	Value is other than spaces	Y
Access Seeker Contact First Name	CHAR(20)	Value is other than spaces	Y
Access Seeker Contact Last Name	CHAR(30)	Value is other than spaces	Y
Access Seeker Contact Phone No	NUM (10)	Value is other than spaces	Y
Access Seeker Contact Fax No	NUM (10)		O
Access Seeker Contact Mobile No	NUM (10)		O
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Assurance Category	CHAR(8)	Values :- STANDARD BUSINESS EXPRESS	M

13.5.2 TULL Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "400"	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.3 TULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "405"	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	Y

Attribute Name	Length	Comment	Mandatory
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	Y
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	Y
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
New ULLS Identifier	CHAR(10)	eg 1600000001	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.5.4 TULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “410”	Y
Request Id	NUM(9)	eg 000000001	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	O
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	O
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	O
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Reject Code	NUM(3)	Any numeric value is a reject.	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.5.5 TULL Extension Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “411”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.6 TULL Extension Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “412”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.7 TULL Extension Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “413”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.5.8 TULL Expiry

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “415”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.9 TULL Cutover Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “420”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y
CA Signed date	CHAR(8)	Format YYYYMMDD	O
Site Contact First Name	CHAR(20)		O
Site Contact Last Name	CHAR(30)		O
Site Contact Phone No	CHAR(10)		O
Site Contact Mobile No	CHAR(10)		O

13.5.10 TULL Cutover Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “425”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.11 TULL Cutover Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "430"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.5.12 TULL Cutover Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "440"	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O

13.5.13 TULL Renegotiated Cutover Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "435"	Y
Request Id	NUM(9)	eg 000000001	Y
Termination Cable	CHAR(4)	eg 47	Y
Termination Pair	CHAR(4)	eg 12	Y
Termination Terminal Box	CHAR(10)	eg T725	O
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.5.14 TULL Retarget Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "445"	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.5.15 TULL Retarget Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “450”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.16 TULL Retarget Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “455”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.5.17 TULL Retarget Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “460”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.18 TULL Retarget Renegotiation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “451”	Y
Request Id	NUM(9)	eg 000000001	Y
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.5.19 TULL Withdrawal Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “465”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.20 TULL Withdrawal Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “470”	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.21 TULL Withdrawal Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "475"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.5.22 TULL Completion

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "480"	Y
Request Id	NUM(9)	eg 000000001	Y

13.5.23 TULL Lose Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "481"	Y
Request Id	NUM(9)	eg 000000001	Y
Old ULLS Identifier	CHAR(10)	eg 1600000001	Y
New ULLS Identifier	CHAR(10)	eg 1600000002	Y
Gaining Access Seeker	CHAR(3)	eg OPT	Y

13.6 Handback Communications Wire (HULL)

13.6.1 HULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "735"	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Disconnect Date	CHAR(8)	The date the ULL service was cancelled eg Format YYYYMMDD	Y
Handback Type	CHAR(2)	Values are "G" or "PG"	Y

13.6.2 HULL Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "740"	Y
Request Id	NUM(9)	eg 000000001	Y

13.6.3 HULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "745"	Y
Request Id	NUM(9)	eg 000000001	Y

13.6.4 HULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "750"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.6.5 HULL Withdrawal Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "753"	Y
Request Id	NUM(9)	eg 000000001	Y

13.6.6 HULL Withdrawal Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “754”	Y
Request Id	NUM(9)	eg 000000001	Y

13.6.7 HULL Withdrawal Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “755”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.6.8 HULL Completion Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “751”	Y
Request Id	NUM(9)	eg 000000001	Y

13.6.9 HULL Lose Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “752”	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Gaining Access Provider	CHAR(3)	eg TEL	Y

13.7 Change of Communications Wire Use (CULL)

13.7.1 CULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "760"	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg 1600000001	Y
Deployment Class	CHAR(3)	eg "7a" Blank will assume no change	O
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O
Assurance Category	CHAR(8)	Values :- STANDARD BUSINESS EXPRESS	O
Cutover Date	CHAR(8)	Format YYYYMMDD	Y
Cutover Time	CHAR(4)	Format HHMM.	Y
Time Zone	NUM(4)	eg 9 hrs and 30 minutes is written as 0930	Y

13.7.2 CULL Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "765"	Y
Request Id	NUM(9)	eg 000000001	Y

13.7.3 CULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "770"	Y
Request Id	NUM(9)	eg 000000001	Y

13.7.4 CULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "775"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.7.5 CULL Completion Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "780"	Y
Request Id	NUM(9)	eg 000000001	Y

13.8 Cancel Call Diversion (CDULL)

13.8.1 CDULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "785"	Y
Request Id	NUM(9)	eg 000000001	Y
Service Number	CHAR(20)	eg 0396342223	Y

13.8.2 CDULL Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "790"	Y
Request Id	NUM(9)	eg 000000001	Y

13.8.3 CDULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "795"	Y
Request Id	NUM(9)	eg 000000001	Y

13.8.4 CDULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "800"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.8.5 CDULL Completion Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "801"	Y
Request Id	NUM(9)	eg 000000001	Y

13.9 Service Qualification Query for vacant communications wire (SQVULL)

13.9.1 SQVULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "810 "	Y
Request Id	NUM(9)	eg 000000001	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	Y
Customer Postcode	CHAR(6)	eg 3038	Y
Number of Services	NUM(3)	eg 022	Y
Deployment Class	CHAR(3)	eg "7a"	Y
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O
Network Boundary Point Details	CHAR(100)	Free format Text to further elaborate on address eg level 1 shop 4 52 Andersen St Taylors Lakes 3038	O
Access Seeker Contact First Name	CHAR(20)		O
Access Seeker Contact Last Name	CHAR(30)		O
Access Seeker Contact Phone No	NUM (10)		O
Access Seeker Contact Fax No	NUM (10)		O
Access Seeker Contact Mobile No	NUM (10)		O
Live Service FNN at Customer Address	NUM(10)	eg: 0812345678	O

13.9.2 SQVULL Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "815 "	Y
Request Id	NUM(9)	eg 000000001	Y

13.9.3 SQVULL Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "825"	Y
Request Id	NUM(9)	eg 000000001	Y
Access Provider ESA Code	CHAR(6)	Eg RWOD	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	Y
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	Y
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	Y
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	eg Format YYYYMMDD	Y
SQ Time	CHAR(4)	eg Format HHMM.	Y

13.9.4 SQVULL Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "820"	Y
Request Id	NUM(9)	eg 000000001	Y
Access Provider ESA Code	CHAR(6)	Eg RWOD	O
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	O
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	O
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	O
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Reject Code	NUM(3)	Any numeric value is a reject.	Y

Attribute Name	Length	Comment	Mandatory
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	O
Customer Postcode	CHAR(6)	eg 3038	O

13.10 Service Qualification Query for in use communications wire (SQIULL)

13.10.1 SQIULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “830”	Y
Request Id	NUM(9)	eg 000000001	Y
Service Number	CHAR(20)	eg. 0393901918	Y
Deployment Class	CHAR(3)	eg “7a”	Y
Power Indicator	CHAR(2)	Values :- “H” for Hazardous power “NH” for Non Hazardous power “NP” if no power present	O

13.10.2 SQIULL Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “835”	Y
Request Id	NUM(9)	eg 000000001	Y

13.10.3 SQIULL Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "840"	Y
Request Id	NUM(9)	eg 000000001	Y
Access Provider ESA Code	CHAR(6)	Eg RWOD	O
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	O
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	O
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	O
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Reject Code	NUM(3)	Any numeric value is a reject.	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.10.4 SQIULL Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "845"	Y
Request Id	NUM(9)	eg 000000001	Y
Access Provider ESA Code	CHAR(6)	Eg RWOD	Y
Loop Trace Length	CHAR(5)	The length in meters of the cable eg 00005	Y
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable eg: 0.32	Y
Loop Trace Type	CHAR(10)	Type of cable eg PUIT, APIUT, PIQL, PIQC, PEIUT, PEIQL, PEIUQ, CPIUT, CPFUT, PIQJ, PEIQC	Y
Tap leg Length	CHAR(5)	The length in meters of the cable eg 00005	O
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.11 Service Qualification Query for change in use of an existing twisted pair (SQCULL)

13.11.1 SQCULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "850"	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg. 1600000001	Y
Deployment Class	CHAR(3)	eg "7a"	Y
Power Indicator	CHAR(2)	Values :- "H" for Hazardous power "NH" for Non Hazardous power "NP" if no power present	O

13.11.2 SQCULL Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "860"	Y
Request Id	NUM(9)	eg 000000001	Y

13.11.3 SQCULL Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "865"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.11.4 SQCULL Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "870"	Y
Request Id	NUM(9)	eg 000000001	Y
SQ Date	CHAR(8)	Format YYYYMMDD	Y
SQ Time	CHAR(4)	Format HHMM.	Y

13.12 Retrieve ULLs via Address (QULLA)

13.12.1 QULLA Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "190"	Y
Request Id	NUM(9)	eg 000000001	Y
Customer Address Information	CHAR(18)	eg BUILD NAME	O
Customer Sub Address Type	CHAR(6)	eg UNIT	O
Customer Sub Address Number	CHAR(4)	Eg A	O
Customer Street Number	CHAR(5)	eg 75	O
Customer Street Number Suffix	CHAR(3)	eg A	O
Customer Street Name	CHAR(24)	eg WOOD	O
Customer Street Type	CHAR(8)	eg ST	O
Customer Street Suffix	CHAR(6)	eg NORTH	O
Customer Locality Abbrev	CHAR(16)	eg ST ALBANS	Y
Customer Postcode	CHAR(6)	eg 3038	Y
Network Boundary Point Details	CHAR(100)	Free format Text to further elaborate on address eg level 1 shop 4 52 Andersen St Taylors Lakes 3038	O
Access Seeker Contact First Name	CHAR(20)		O
Access Seeker Contact Last Name	CHAR(30)		O
Access Seeker Contact Phone No	NUM (10)		O
Access Seeker Contact Fax No	NUM (10)		O
Access Seeker Contact Mobile No	NUM (10)		O

13.12.2 QULLA Receipt Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is 195"	Y
Request Id	NUM(9)	eg 000000001	Y

13.12.3 QULLA Confirmation Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is 200"	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg 1600000001	O
ULL Utilising Access Seeker	CHAR(3)	eg OPT	O

Attribute Name	Length	Comment	Mandatory
ULL Status	CHAR(2)	Possible values : A: Active PG: Pending Handback	O
Response Sequence	CHAR(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y

13.12.4 QULLA Rejection Advice

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is 205”	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.13 Retrieve service number via ULL (QSULL)

13.13.1 QSULL Notification

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “210”	Y
Request Id	NUM(9)	eg 000000001	Y
ULLS Identifier	CHAR(10)	eg. 1600000001	Y

13.13.2 QSULL Receipt

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “215”	Y
Request Id	NUM(9)	eg 000000001	Y

13.13.3 QSULL Confirmation

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is “01”	Y
Record Type	NUM(3)	Value is “220”	Y
Request Id	NUM(9)	eg 000000001	Y

Attribute Name	Length	Comment	Mandatory
Service Number	CHAR(20)	eg. 0393901918	Y
Response Sequence	NUM(3)	Response sequence for a request eg 01	Y
Response Total Number	NUM(3)	Response total for a request eg 05	Y

13.13.4 QSULL Rejection

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "225"	Y
Request Id	NUM(9)	eg 000000001	Y
Reject Code	NUM(3)	Any numeric value is a reject.	Y

13.14 Repeating Groups

The following attributes are repeating groups

- Loop Trace (Length, Gauge, Type, and Tap Leg Length). It should be noted that Tap leg lengths can be repeated within Loop Trace Details. Eg

Loop Trace Length	Loop Trace Gauge	Loop Trace Type	Tap leg Length
1000	0.32	**PUIT**	500
1000	0.32	**PUIT**	400
1000	0.32	**PUIT**	300

- ULLS Identifier for a request that requires multiple communications wire

Where required the whole record will be duplicated and tied back/together to the same request id.

14. FILE DETAILS

14.1 Transaction Data File

14.1.1 File Misc

- All file records are fixed length format of 350 characters for the multiple batch file. All other transactions are padded to this length
- Alphanumeric are left justified, are space padded.
- Numeric are right justified, are zero padded.
- All characters use the ASCII character set.
- Fixed length records will have a line feed for all files

14.1.2 Header

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "001"	Y
Creation Date	CHAR(8)	Format YYYYMMDD	Y
File Type	CHAR(1)	Value is daily multiple batch ('M') for files to the Access Seeker or Access Provider	Y
Creator	CHAR(3)	An industry standard code for each carrier should be used.	Y
Receiver	CHAR(3)	An industry standard code for each carrier should be used.	Y
File Sequence Number	NUM(4)	Multiple Batch File (M): Starts at an agreed number eg 0001 and increments by 1 to the agreed maximum. For situations when there is a backlog of files, the files are processed based on sequence number order	Y

14.1.3 File Trailer

Attribute Name	Length	Comment	Mandatory
Record Version	NUM(2)	Value is "01"	Y
Record Type	NUM(3)	Value is "999"	Y
Detail Record Count	NUM(7)	Value is to equal the number of records of record type 002- 998	Y

14.1.4 File naming convention

Interface	Length	Attribute Name	Format	Comment
Multiple	File-type	Record Type	CHAR(1)	Value is M
		Creator	CHAR(3)	As per industry agreed standard code for each carrier should be used.
		Receiver	CHAR(3)	As per industry agreed standard code for each carrier should be used.
		File Sequence Number	NUM(4)	Starts at an agreed number (eg 0001) and increments by 1 to 9999 when the numbering restarts at 0001. Files are processed in order.
		File Creation Date	YYYYMMDD	Standard date field

14.2 Reference Data Files

The ULL Reference Files consist of:

- Postal Locality File
- Street Suffix File
- Street Type File

14.2.1 File Misc

- Alphanumeric data is left justified within the field and space padded.
- Numeric data is right justified within the field and left zero filled.
- All characters are from the ASCII character set.
- All ULL Reference Data files will always contain a Trailer Record, as specified below.
- Files will contain a complete set of data if there have been any changes to the data.
- Files will contain no data records if there have not been any changes to the data. (In this case, there will be a Trailer Record with a Detail Record Count of zero.)

14.2.2 File naming convention

Attribute Name	Format	Comment
File Type	CHAR(3)	Value is URF
Data Type	CHAR(6)	Describes the reference data contained in the file.
File Creation Date	YYYYMMDD	Standard date field

14.2.3 File Trailer Record

Attribute Name	Format	Comment
Record Version	NUM(2)	Value is 01
Record Type	NUM(3)	Value is 999
Detail Record Count	NUM(7)	Value is equal to the number of data records in the file.

14.2.4 STREET TYPE

File Name :	URFSTTYPEYYYYMMDD	
Record Length :	28	
Attribute Name	**Type & Length**	**Comment**
CUSTOMER STREET TYPE	CHAR(8)	
STREET TYPE DESCRIPTION	CHAR(20)	

14.2.5 STREET SUFFIX

File Name :	URFSTSUFXYYYYMMDD	
Record Length :	26	
Attribute Name	**Type & Length**	**Comment**
CUSTOMER STREET SUFFIX	CHAR(6)	
SHORT_NAME	CHAR(20)	

14.2.6 POSTAL LOCALITY

File Name :	URFPSTLCLYYYYMMDD	
Record Length :	47	
Attribute Name	**Type & Length**	**Comment**
CUSTOMER LOCALITY ABBREV	CHAR(16)	
CUSTOMER POSTCODE	CHAR(6)	Although nominally a 4 character numeric field, this data will be formatted as alphanumeric data, 4 characters, left justified and space padded.
LOCALITY_NAME	CHAR(25)	

14.2.7 ULL Reference Files Transfer Process

The objectives of the ULL Reference Files Transfer Process are:

- To leverage off the existing ULL transaction system, electronic communication channel and IT platform implemented by each Access Seeker (AS) and Access Provider (AP).
- Ensure Data integrity and security of data transmission.

14.2.7.1 Transfer Process Specification

The ULL Reference Data Files shall conform to the Format and Naming Convention specified in Section 14.2 of this document.

The ULL Reference Data Files shall be plain, unzipped text files.

The ULL Reference Data Files shall be distributed to each AS over the established ULL Data Transfer Network, as described in Section 15 of the ULL IT Specification.

The ULL Reference Data Files shall be distributed to each AS every Friday between the hours of 8:00 AM and 12:00 midday. (Times are Sydney Local Time). If for any reason the Files need to be retransmitted or sent outside the specified period, the AP shall make prior arrangements with each AS to receive the additional Files at an agreed time. (This will prevent the AP overwriting a file or the AS reading a partially transferred file).

The ULL Reference Data Files shall be transferred using the Protocol (TCP/IP Standard communication protocol) and Data Transfer Method (FTP) as described in Section 15 of the ULL IT Specification.

There is no requirement to acknowledge receipt of the distributed Files other than by the FTP protocol.

All Reference Data Files will be distributed to each AS, each week.

If any File is unchanged from its last transmission then the File shall contain only the Trailer record as specified above. In this case, the Detail Record Count in the Trailer Record will be zero.

If any of the data in a File has changed, the entire file, including unchanged data, will be distributed.

Each AS should have two FTP accounts allocated to ULL Reference Data File Transfer, to achieve separation of test and production data files.

14.2.8 Data Retention

Telstra will, for potential reference purposes, retain a copy of the three most recently distributed Files of each type.

15. Technical Network Configuration

The network architecture to be utilised will leverage of existing infrastructure due to limited time frames.

15.1 Core Network Components

The current network architecture had been developed to meet pressing connectivity needs for the support of ULL and other products. The following is a high level description of the core components required to establish connectivity between the “Access Seekers” and “Access Providers”, based on current products/infrastructure.

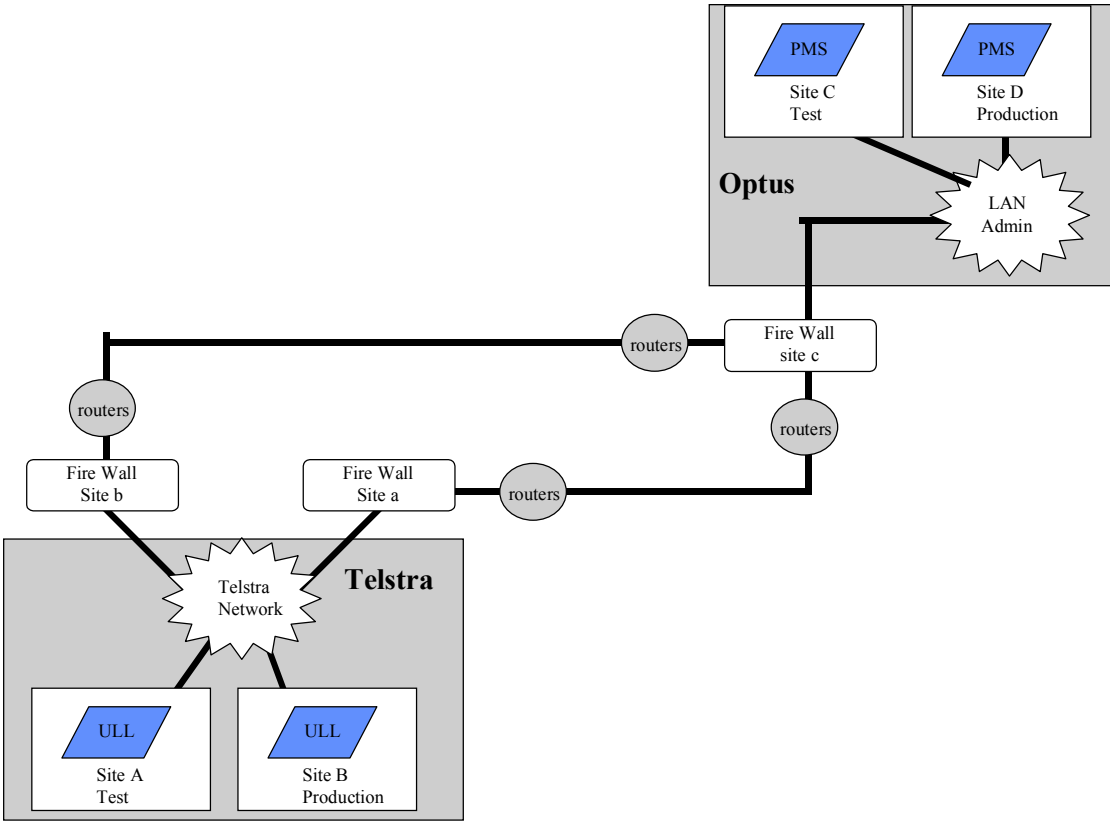
Req. No	Network Components	Description

1.	Data Transfer Network	Permanent Data line
2.	Communication link to Data Transfer Network	Permanent Data link
3.	Redundancy	To ensure continuous service a second link can be established for contingency purposes
4.	Security	1. Firewall's are utilised so as to ensure only the appropriate Access Seekers data files are accepted 2. Dedicated lines
5.	Protocol	TCP/IP Standard communication protocol
6.	Data Transfer Method	FTP (send)
7.	Routers	CISCO
8.	account	1. One Test account (HOST/FIREWALL) 2. One Production account (HOST/FIREWALL) 3. Both allow multiple logon sessions 4. Changes to passwords are a manual operational process between Access Seekers

15.2 Current Network Structure

The current network configuration is based on dedicated lines between the current C/CSP involved in wholesale type products. Current arrangements have redundancy built into the design so as to ensure that if a data link where to drop out then the other (which is a back up) would come on line so as to protect the C/CSP's daily business operations.

It must be noted that each Access Seekers must have two FTP accounts so as to separate test data files against product data files. Hence the responsibility will be on the receiving Access seeker to ensure that the test FTP account path is not the same as the production account.



APPENDIX A Reject Code Reference Table

NB The current version of this Table is available on the ACIF Website at

Reject Reason	ULL Reject Description	ULL Further Explanation
001	Service Number Not Found	Invalid Service / not present on AP systems
002	Live FNN Rejected – No Address Returned	SQ Failed on Customer Address and an address could not be found for the supplied Live FNN.
003	Inactive Service	Service has been Temporarily Disconnected Customer request
004	Pending Disconnection or Disconnected Service	Service is Disconnected or Pending Disconnection
005	Complex Service - eg ISDN, Line Hunt etc	ULL Request Rejected – Unable to Cancel Individual Complex Service
006	Invalid Billing Profile	The billing agent on the DULL is invalid
007	All fields blank	The transaction has been rejected because none of the fields contain data.
008	Live FNN Address Returned	SQ Failed on Customer Address and an address was available based on the Live FNN
009	Service Number already ported to the Gaining AS	
010	Service Number ported to Another ASD	Already Ported
011	AP Owned Telephone Number	AP Test Line, etc
012	Daily File Limitation Exceeded	
013	Not Used	
014	ULLS already allocated to Gaining AS	
015	ULLS in the process of being allocated to Gaining AS	
016	ULLS in the process of being allocated to another Gaining AS	
017	Telephone Number / Account Mismatch	
018	Account Number invalid for Access Provider	
019	ESA Details and Address mis-match	
020	Invalid record type for ULL event	
021	No Vacant Pair Available	
022	ULLS Full National Number Not Found	
023	Service Address Not Found	
024	Associated Service Validation Failure	
025	Incorrect Number of Records or Inconsistent Data received for Multi Order Request	
026	Requested POI already assigned	
027	Service Number and Address Mismatch	
028	Invalid ULL Deployment Class	

Reject Reason	ULL Reject Description	ULL Further Explanation
029	Missing CA Signed Date	
030	ULLS Not Allocated to Requesting AS	
031	Address fed by Tie Cable	The transaction has been rejected because the requested address is not fed by a service suitable for ULL.
032	Insufficient notification time frame	Notification or Cutover
033	Leading Blank(s) in an A/N field	The transaction has been rejected because one or more alpha-numeric fields contained leading blank characters.
034	Cutover outside agreed hours	
035	No ULL Request is currently active	ULL Notification is not confirmed or has expired
036	Duplicate ULL or FNN in File	Another transaction of the same type and in the same file references the same FNN or ULL service numbers.
037	Retarget/Extension Limit exceeded	Maximum Number of Retargets Reached
038	Not Used	
039	Not Used	
040	Duplicate POI Requested in Multi Order Request	
041	Duplicate Request ID or Request ID Not Known	
042	Currently Porting to Another CSP/SP	
043	Invalid Power Indicator	
044	Service Number Not Established with ULL Call Diversion for Gaining AS	
045	Invalid Assurance Category	
046	Not used	
047	Request Rejected due to active Request in progress	
048	Request Rejected due to active Transfer Request in progress	
049	Line Conditioning Equipment Found	
050	Optic Fibre to RIM	
051	Telephone Number currently being Ported to the Gaining AS	
052	Not used	
053	Cutover Date is not within the Lead Time	
054	Not used	
055	ULL Extension Received after Cutover Notification Received	
056	Invalid Handback Withdrawal Request	
057	Invalid Transaction for Access Seeker	
058	Deployment class not compatible	
059	Not used	
060	Not Used	
061	Not Used	

Reject Reason	ULL Reject Description	ULL Further Explanation
062	Not Used	
063	Not Used	
064	Not Used	
065	Not Used	
066	Not a Single Line Service	
067	Invalid ULL CA signed date	ULL CA signed date is too old
068	Invalid POI Details	
069	POI/Exchange Details Mismatch	
070	Not Used	
071	Not Used	
072	Not Used	
073	Not Used	
074	Not Used	
075	Not Used	
076	Not Used	
077	Not Used	

APPENDIX B Address Definition Guide

Address Validation Matrix

Using this Matrix
Minimum address details required are Customer Street Name, Customer Postcode, and Customer Locality Abbrev.
If data defined in a column heading is provided, the corresponding row data is mandatory for fields defined "M". For example: if Customer Sub Address Type provided, Customer Street Name, Customer Postcode, Customer Locality Abbrev must also be provided.

Legend: **M – Mandatory, O - Optional**

			If this is provided :							
ULL Attribute	Format	Minimum Entry Req. (Note 1)	Customer Sub Address Type	Customer Sub Address Number	Customer Street Number	Customer Street Number Suffix	Customer Street Type	Customer Street Suffix	Validation	Comment
Customer Street Name	CHAR(24)	M (Note 1)	M (Note 1)	M (Note 1)	M	M	M	M	If entered, must not be blank	This may include one or more names eg UPPER HEIDELBBERG, The Boulevard, Old Cape Shank. If the street name is longer than 30 characters, do not abbreviate, leave off the extra characters. When using this field for non-street name (eg Aboriginal communities) do not use the street type field. Put all information in the street name field.
Customer Postcode	CHAR(6)	M	M	M	M	M	M	M	Must be Numeric. Must be validated against Postal Locality table.	
Customer Locality Abbrev	CHAR(16)	M	M	M	M	M	M	M	Must be validated against Postal Locality table.	
Customer Street Type	CHAR(8)	O	O	O	O	O		M	If entered, must be validated against Street Type table	Only valid when a street name is present, however this is not a mandatory field as a street name may exist in its own right.
Customer Sub Address Number	CHAR(4)	O	O		O	O	O	O	If entered, must be Numeric	The number of the shop or Unit, etc include suffix if applicable
Customer Sub Address Type	CHAR(6)	O		M	O	O	O	O		Enter the sub address type if the sub address number field is to be completed eg UNIT, SHOP, LEVEL

			If this is provided :							
ULL Attribute	Format	Minimum Entry Req. (Note 1)	Customer Sub Address Type	Customer Sub Address Number	Customer Street Number	Customer Street Number Suffix	Customer Street Type	Customer Street Suffix	Validation	Comment
Customer Street Number Suffix	CHAR(3)	O	O	O	O		O	O		If a suffix exists (eg 9**A**) include the alpha character
Customer Street Suffix	CHAR(6)	O	O	O	O	O	O		If entered, must be validated against Street Suffix table	Include the suffix abbreviation in this field. An example of a street name with a suffix is DONALD ST STH.
Customer Street Number	CHAR(5)	O	O	O		M	O	O	If entered, must be Numeric, non zero, and not have leading zeroes.	If the street number incorporates two numbers (ie 12 – 14) only enter the lowest number. If street number does not exist, information should be included in the Customer Address Information field.
Customer Address Information	CHAR(18)	O (Note 2)	O (Note 2)	O (Note 2)	O	O	O	O	If entered, must not be blank	This field should contain the name of the biulding, farm complex, etc or address information that does not fit the criteria for the other address fields eg LOT, REAR OF, CARAVAN, SHOPPING CENTRE NAME, REAL PROPERTY DESCRIPTION (RPD) FARM OR PROPERTY NAME. Note if the RPD is used then Lot Information must be entered in the Sub Address details

Note 1 – Optional only if Customer Address Information is entered.
Note 2 – Mandatory if Customer Street Name is *not* entered

Validations require data from the three tables listed below.

STREET TYPE table

CUSTOMER STREET TYPE	Text	8
STREET TYPE DESCRIPTION	Text	20

STREET SUFFIX table

CUSTOMER STREET SUFFIX	Text	6
SHORT_NAME	Text	20

POSTAL LOCALITY table

CUSTOMER LOCALITY ABBREVIATION	Text	16
CUSTOMER POSTCODE	Text	6
LOCALITY_NAME	Text	25

Appendix C Address Example

Examples : OPTUS Requested

Actual Address	Additional Address Info	Sub Address Type	Sub Address Number	Street Number	Street Number Suffix	Street Name	Street Type	Street Suffix	Locality Abbrev	Postcode
1. Level 2 38 York St Sydney NSW		LEVEL	2	38		YORK	ST		SYDNEY	2000
2. Suite 504 level 5 657 Pacific Hwy St Leonards NSW	SUITE 504	LEVEL	5	657		PACIFIC	HWY		ST LEONARDS	2065
3. Unit 1 163 - 173 McEvory St Alexandria NSW		UNIT	1	163		MCEVORY	ST		ALEXANDRIA	2015
4. Unit 1 9c/32 Frederick St Oatley NSW		UNIT	1 9C	32		FREDERICK	ST		OATLEY	2223
5. 7a Excelsior Rd Mt Colah NSW				7	A	EXCELSIOR	RD		MT COLAH	2079
6. Lot 181 Tumburra St Wetherill Pk NSW	LOT 181					TUMBURRA	ST		WETHERILL PARK	2164
7. 1st floor 74 - 84 Foveau St Surry Hills NSW		LEVEL	1	74		FOVEAU	ST		SURRY HILLS	2010
8. Shop 6 Anderson St Chatswood NSW		SHOP	6			ANDERSON	ST		CHATSWOOD	2067
9. QVB shop 14 Victoria Walk George St Sydney NSW	QVB VICTORIA WALK	SHOP	14			GEORGE	ST		SYDNEY	2000
10. Shop 4008 shopping town Parramatta NSW	SHOPPING TOWN	SHOP	4008						PARRAMATTA	2150
11. Unit 2a JAA House 19 Napier Cl Deakin ACT	JAA HOUSE	UNIT	2A	19		NAPIER	CL		DEAKIN	2600

METRO EXAMPLES

CONSUMER EXAMPLES	Lot 2 Studley Rd Wantirna 3152	58 Wentworth Ave, Wooloowin 4030	22A Smith St East, Hamilton 4007	2 The Boulevard, Heathmont 3135	Unit 6, 12-14 Mill Point Rd, South Perth, 6151
Additional Information	LOT 2				
Sub Address Type					UNIT
Sub Address Number					6
Street No		58	22	2	12
Street No Suffix			A		
Street Name	STUDLEY	WENTWORTH	SMITH	THE BOULEVARD	MILL POINT
Street Type	RD	AVE	ST		RD
Street Suffix			EAST		
Locality	WANTIRNA	WOOLOOWIN	HAMILTON	HEATHMONT	SOUTH PERTH
Postcode	3152	4030	4007	3135	6151

COMMERCIAL EXAMPLES	Level 12, 468 St Kilda Rd, Melbourne 3004	Suite 10, Level 1, 54 Wells St Frankston 3199	Pacific Fair Shopping Centre, Shop 7, 8 Hooker Blv, Surfers Paradise 4217	Telstra House, Level 7, 40 Creek St, Brisbane 4000	Centrepoint Arcade Shop G11 283 Bourke St Melbourne 3000
Additional Information		SUITE 10	PACIFIC FAIR	TELSTRA HOUSE	CENTREPOINT ARC
Sub Address Type	LEVEL	LEVEL	SHOP	LEVEL	SHOP
Sub Address Number	12	1	7	7	G11
Street No	468	54	8	40	283
Street No Suffix					
Street Name	ST KILDA	WELLS	HOOKER	CREEK	BOURKE
Street Type	RD	ST	BLV	ST	ST
Street Suffix					
Locality	MELBOURNE	FRANKSTON	SURFERS PARADISE	BRISBANE	MELBOURNE
Postcode	3004	3199	4217	4000	3000

RURAL EXAMPLES*

EXAMPLES	SE Cnr of Walter Rd & Robinson Rd Kapunda 5373	Ponderosa Bourke 2030	Ponderosa Stud, Lot 4 Cartright Rd Bourke 2030	Stans Garage, Roma-Surat Rd, Roma 4455	Lot 50, RP1234, Black St, Glen Innes 2365
Additional Information	SE CNR ROBINSON RD	PONDEROSA	PONDEROSA STUD	STANS GARAGE	LOT 50,RP1234
Sub Address Type			LOT		
Sub Address Number			4		
Street No					
Street No Suffix					
Street Name	WALTER		CARTRIGHT	ROMA-SURAT	BLACK
Street Type	RD		RD	RD	ST
Street Suffix					
Locality	KAPUNDA	BOURKE	BOURKE	ROMA	GLEN INNES
Postcode	5373	2030	2030	4455	2365

EXAMPLES	Lot 2, Shed 1, Golf Course Rd St George 4487	Hillside Caravan Park, Site 101, Main St, Mansfield 3722	Part Section 1234, Hundred of Upper Wakefield, Halbury 5461	# Mandora Station, Sandfire 6723	# Beswick Station, Roper River 0852
Additional Information	LOT 2	HILLSIDE C/V PARK	PART S 1234		
Sub Address Type	SHED	SITE			
Sub Address Number	1	101			
Street No					
Street No Suffix					
Street Name	GOLF COURSE	MAIN	HD UPPER WAKEFIELD	MANDORA STN	BESWICK STN
Street Type	RD	ST			
Street Suffix					
Locality	ST GEORGE	MANSFIELD	HALBURY	SANDFIRE	ROPER RIVER
Postcode	4487	3722	5461	6723	0852

STATE BY STATE EXAMPLES OF UNUSUAL ADDRESSES

WA					
EXAMPLES	**Block 412, Unit 2, Kampong, Christmas Island 6798**	**SQ 104, Kampong, Christmas Island 6798**	**Block 346, Unit 3, Temple Crt, Settlement, Christmas Island 6798**	**House 30, West Island, Cocos Keeling Island 6799**	**Shop 3, Home Island, Cocos Keeling Island 6799**
Additional Information	B412		B346 TEMPLE CRT		
Sub Address Type	UNIT	SQ	UNIT	HOUSE	SHOP
Sub Address Number	2	104	3	30	3
Street No					
Street No Suffix					
Street Name	KAMPONG	KAMPONG	SETTLEMENT	WEST ISLAND	HOME ISLAND
Street Type					
Street Suffix					
Locality	CHRISTMAS ISLAND	CHRISTMAS ISLAND	CHRISTMAS ISLAND	COCOS (KLNG) IS	COCOS (KLNG) IS
Postcode	6798	6798	6798	6799	6799

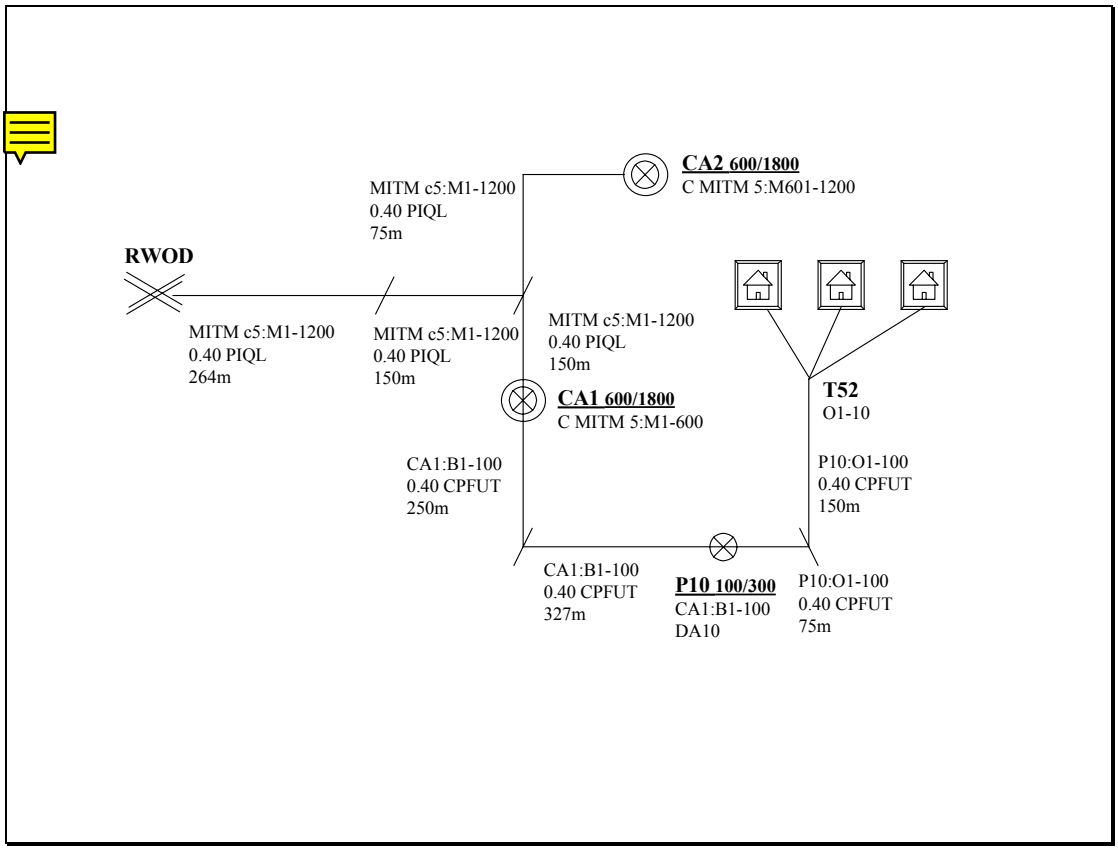
QLD			
EXAMPLES	**SPQ (single Persons Quarters) Block A, Room 5, Gordonstone Mine Site, Emerald, 4720**	**Council Office, Murray Island via Thursday Island**	**Cattle Stations**
Additional Information	B A, SPQ	COUNCIL OFFICE	Many cattle Stations only have a station name and the name of the nearest town, which could be 50km away. See Ponderosa example in Attachment C Obtain us much information as possible.
Sub Address Type	ROOM		
Sub Address Number	5		
Street No			
Street No Suffix			
Street Name	GORDONSTONE MINE SITE	MURRAY ISLAND	
Street Type			
Street Suffix			
Locality	EMERALD	THURSDAY ISLAND	
Postcode	4720	4875	

SA/NT	No street name exists		Aboriginal communities. The street name is the Aboriginal Community name & additional address is physical location. Locality is nearest town.	
EXAMPLES	**Section 456, Hundred Bowhill, Bowhill 5238**	**Section 456, Hundred Bowhill, Government Rd, Bowhill 5238**	**Lingara Community, Community Hall, Victoria River 0852**	**Part Section 201, Hundred Onkaparinga, Main rd, Mylor 5153**
Additional Information	S456	S456 HD BOWHILL	COMMUNITY HALL	PT S 201 HD ONKAPA
Sub Address Type				
Sub Address Number				
Street No				
Street No Suffix				
Street Name	HD BOWHILL	GOVERNMENT	LINGARA COMM	MAIN
Street Type		RD		RD
Street Suffix				
Locality	BOWHILL	BOWHILL	VICTORIA RIVER	MYLOR
Postcode	5238	5238	0852	5153

Appendix D Event Example

Acquire Vacant Communications Wire (VULL) – Successfully completed

This is a fabricated example for a request of 3 vacant communication wires - all 3 are accepted. For the sake of simplicity of the diagram assume the path has been duplicated 3 times eg 3 drawing overlayed. Note fields have been wrapped around so as to enable the record to be shown on a page.



VULL Notification (repeating – one per vacant wire requested. Different POI details per communication wire required)

01	05	000000397	SUITE 504	LEVEL 5	657	A
	PACIFIC					
		HWY	NORTH ST LEONARDS	2065		
		003	7a H	RWOD 000002	0005	0174
		FRED	BLOGGS	0293425317	0293427895	
	0411061518					
		LEVEL 1 SHOP 4			20000430	
	STANDARD		001			
01	05	000000397	SUITE 504	LEVEL 5	657	A
	PACIFIC					
		HWY	NORTH ST LEONARDS	2065		
		003	7a H	RWOD 000002	0005	0175
		FRED	BLOGGS	0293425317	0293427895	
	0411061518					
		LEVEL 1 SHOP 4			20000430	
	STANDARD					
		002				
01	05	000000397	SUITE 504	LEVEL 5	657	A
	PACIFIC					
		HWY	NORTH ST LEONARDS	2065		
		003	7a H	RWOD 000002	0005	0176
		FRED	BLOGGS	0293425317	0293427895	
	0411061518					
		LEVEL 1 SHOP 4			20000430	

STANDARD 003	

VULL Receipt Advice

01	10	000000397

VULL Confirmation Advice (repeating – multiple loop segments within repeating vacant wire)

01	15 008	000000397	00264	040	PIQL	(blank)	1600000001	001
		20000510		1320	0001			
01	15 008	000000397	00150	040	PIQL	(blank)	1600000001	002
		20000510		1320	0001			
01	15 008	000000397	00150	040	PIQL	00075	1600000001	003
		20000510		1320	0001			
01	15 008	000000397	00150	040	PIQL	(blank)	1600000001	004
		20000510		1320	0001			
01	15 008	000000397	00250	040	CPFUT	(blank)	1600000001	005
		20000510		1320	0001			
01	15 008	000000397	00327	040	CPFUT	(blank)	1600000001	006
		20000510		1320	0001			
01	15 008	000000397	00075	040	CPFUT	(blank)	1600000001	007
		20000510		1320	0001			
01	15 008	000000397	00150	040	CPFUT	(blank)	1600000001	008
		20000510		1320	0001			
01	15 008	000000397	00264	040	PIQL	(blank)	1600000002	001
		20000510		1320	0001			
01	15 008	000000397	00150	040	PIQL	(blank)	1600000002	002
		20000510		1320	0001			
01	15 008	000000397	00150	040	PIQL	00075	1600000002	003
		20000510		1320	0001			
01	15 008	000000397	00150	040	PIQL	(blank)	1600000002	004
		20000510		1320	0001			
01	15 008	000000397	00250	040	CPFUT	(blank)	1600000002	005
		20000510		1320	0001			
01	15 008	000000397	00327	040	CPFUT	(blank)	1600000002	006
		20000510		1320	0001			
01	15 008	000000397	00075	040	CPFUT	(blank)	1600000002	007
		20000510		1320	0001			
01	15 008	000000397	00150	040	CPFUT	(blank)	1600000002	008
		20000510		1320	0001			
01	15 008	000000397	00264	040	PIQL	(blank)	1600000003	001
		20000510		1320	0001			
01	15	000000397	00150	040	PIQL	(blank)	1600000003	002

	008							
			20000510	1320	0001			
01	15	000000397	00150	040	PIQL	00075	1600000003	003
	008							
			20000510	1320	0001			
01	15	000000397	00150	040	PIQL	(blank)	1600000003	004
	008							
			20000510	1320	0001			
01	15	000000397	00250	040	CPFUT	(blank)	1600000003	005
	008							
			20000510	1320	0001			
01	15	000000397	00327	040	CPFUT	(blank)	1600000003	006
	008							
			20000510	1320	0001			
01	15	000000397	00075	040	CPFUT	(blank)	1600000003	007
	008							
			20000510	1320	0001			
01	15	000000397	00150	040	CPFUT	(blank)	1600000003	008
	008							
			20000510	1320	0001			

VULL Extension Notification

01	21	000000397				

VULL Extension Confirmation Advice

01	22	000000397				

VULL Extension Rejection Advice

01	22	000000397	037			

VULL Cutover Notification

01	30	000000397	20000521	0800	0001	

VULL Cutover Receipt

01	35	000000397				

VULL Cutover Confirmation Advice (repeating – one per terminating pair for a communications wire)

01	50	000000397	5	0001	T52	1600000001	001
	003						
01	50	000000397	5	0002	T52	1600000002	002
	003						
01	50	000000397	5	0003	T52	1600000003	003
	003						

VULL Retarget Notification

01	55	000000397	20000521	0800	0001	

VULL Retarget Receipt

01	60	000000397				

VULL Retarget Confirmation Advice

01	70	000000397				

VULL Retarget Rejection Advice

01	65	000000397	037			

VULL Completion

01	90	000000397				

Acquire Vacant Communications Wire (VULL) – Other outcomes

Listed below are examples of potential transactions that could have occurred during the life of a request

VULL Rejection Advice (repeating – one per loop segment)

01	20	000000397	00264	040	PIQL	(blank)	058	001	008
		20000510		1320	0001				
01	20	000000397	00150	040	PIQL	(blank)	058	002	008
		20000510		1320	0001				
01	20	000000397	00150	040	PIQL	00075	058	003	008
		20000510		1320	0001				
01	20	000000397	00150	040	PIQL	(blank)	058	004	008
		20000510		1320	0001				
01	20	000000397	00250	040	CPFUT	(blank)	058	005	008
		20000510		1320	0001				
01	20	000000397	00327	040	CPFUT	(blank)	058	006	008
		20000510		1320	0001				
01	20	000000397	00075	040	CPFUT	(blank)	058	007	008
		20000510		1320	0001				
01	20	000000397	00150	040	CPFUT	(blank)	058	008	008
		20000510		1320	0001				

VULL Expiry

01	25	000000397	

VULL Cutover Rejection Advice

01	40	000000397	053

VULL Renegotiated Cutover Advice

01	45	000000397	5	0001	T52	1600000001	001	003
		20000523		1600	0001			
01	45	000000397	5	0002	T52	1600000002	002	003
		20000523		1600	0001			
01	45	000000397	5	0003	T52	1600000003	003	003
		20000523		1600	0001			

VULL Renegotiated Retarget Advice

01	46	000000397	20000523	1600	0001

VULL Withdrawal Notification

01	75	000000397	

VULL Withdrawal Confirmation Advice

01	80	000000397	

VULL Withdrawal Rejection Advice

01	85	000000397	032

Appendix E Change Control Log

Change Request Number	Change Request Description	Delivery Release	Raised by
ACU001	Re-instate the Customer Contact fields	Dec 2001	Telstra
ACU002	For the Account Number field in the DULL and IULL Notification transactions, change the requirement from Mandatory to Optional.	Dec 2001	Telstra
ACU003	Provide additional validation for all HULL transactions	Dec 2001	Telstra
ACU004	Proposed new optional field for Service Number in VULL, SQVULL.	Dec 2001	Telstra
ACU005	Change all references to 'SAF Signed Date' to read 'CA Signed Date', and relax data entry timing requirements.	Dec 2001	Telstra
ACU006	Changes to Address validation	Dec 2001	Telstra
ACU007	019 – ESA Details and address mismatch	Dec 2001	Telstra
ACU008	Documentation Corrections	Dec 2001	
ACU009	050 - Optic Fibre to RIM	Dec 2001	Telstra
ACU010	024 - Associated Service Validation Failure	Dec 2001	Telstra
ACU011	Change all references to GULL to read HULL	Dec 2001	Telstra
ACU012	Clarify section 3.12	Dec 2001	Telstra
ACU013	Include 2 new reject codes	Dec 2001	Telstra
ACU014	Add table of Record Types and Transaction Names. Change to documentation only	Dec 2001	XYZed
ACU015	Reference to business day in section 3.2 (20) to change	Dec 2001	Telstra
ACU016	For all occurrences of Power Indicator, No Power Present to be indicated by "NP" instead of blank.	Dec 2001	XYZed
ACU017	FNN Validation	Dec 2001	XYZed
ACU018	Text Corrections	Dec 2001	Telstra

Appendix F Data Dictionary

Record Type / Name Table (Note: This table consolidates the information present elsewhere in the document. There are no new Record Types in version 8.0)

Record Type	Transaction Name
005	VULL Notification
010	VULL Receipt Advice
011	Non-Recognisable Advice
015	VULL Confirmation Advice
020	VULL Rejection Advice
021	VULL Extension Notification
022	VULL Extension Confirmation Advice
023	VULL Extension Rejection Advice
025	VULL Expiry
030	VULL Cutover Notification
035	VULL Cutover Receipt
040	VULL Cutover Rejection Advice
045	VULL Renegotiated Cutover Advice
046	VULL Renegotiated Retarget Advice
050	VULL Cutover Confirmation Advice
055	VULL Retarget Notification
060	VULL Retarget Receipt
065	VULL Retarget Rejection Advice
070	VULL Retarget Confirmation Advice
075	VULL Withdrawal Notification
080	VULL Withdrawal Confirmation
085	VULL Withdrawal Rejection
090	VULL Completion
095	DULL Notification
100	DULL Receipt Advice
105	DULL Confirmation Advice
110	DULL Rejection Advice
111	DULL Extension Notification
112	DULL Extension Confirmation Advice
113	DULL Extension Rejection Advice
115	DULL Expiry
120	DULL Cutover Notification
125	DULL Cutover Receipt
130	DULL Cutover Rejection Advice
135	DULL Renegotiated Cutover Advice
136	DULL Renegotiated Retarget Advice
140	DULL Cutover Confirmation Advice
145	DULL Retarget Notification
150	DULL Retarget Receipt
155	DULL Retarget Rejection Advice
160	DULL Retarget Confirmation Advice
165	DULL Withdrawal Notification
170	DULL Withdrawal Confirmation
175	DULL Withdrawal Rejection
180	DULL Completion
181	DULL Lose Notification
182	DULL Call Diversion expiry advice
190	QULLA Notification
195	QULLA Receipt Advice
200	QULLA Confirmation Advice
205	QULLA Rejection Advice
210	QSULL Notification
215	QSULL Receipt Advice

Record Type	Transaction Name
220	QSULL Confirmation Advice
225	QSULL Rejection Advice
290	IULL Notification
295	IULL Receipt Advice
300	IULL Confirmation Advice
305	IULL Rejection Advice
306	IULL Extension Notification
307	IULL Extension Confirmation Advice
308	IULL Extension Rejection Advice
310	IULL Expiry
315	IULL Cutover Notification
320	IULL Cutover Receipt
325	IULL Cutover Rejection Advice
330	IULL Renegotiated Cutover Advice
335	IULL Cutover Confirmation Advice
340	IULL Retarget Notification
345	IULL Retarget Receipt
346	IULL Renegotiated Retarget Advice
350	IULL Retarget Rejection Advice
355	IULL Retarget Confirmation Advice
360	IULL Withdrawal Notification
365	IULL Withdrawal Confirmation
370	IULL Withdrawal Rejection
375	IULL Completion
376	IULL Lose Notification
395	TULL Notification
400	TULL Receipt Advice
405	TULL Confirmation Advice
410	TULL Rejection Advice
411	TULL Extension Notification
412	TULL Extension Confirmation Advice
413	TULL Extension Rejection Advice
415	TULL Expiry
420	TULL Cutover Notification
425	TULL Cutover Receipt
430	TULL Cutover Rejection Advice
435	TULL Renegotiated Cutover Advice
440	TULL Cutover Confirmation Advice
445	TULL Retarget Notification
450	TULL Retarget Receipt
451	TULL Renegotiated Retarget Advice
455	TULL Retarget Rejection Advice
460	TULL Retarget Confirmation Advice
465	TULL Withdrawal Notification
470	TULL Withdrawal Confirmation
475	TULL Withdrawal Rejection
480	TULL Completion
481	TULL Lose Notification
735	GULL Notification
740	HULL Receipt Advice
745	HULL Confirmation Advice
750	HULL Rejection Advice
751	HULL Completion
752	HULL Lose Notification
753	HULL Withdrawal Notification
754	HULL Withdrawal Confirmation Advice

Record Type	Transaction Name
755	HULL Withdrawal Rejection Advice
760	CULL Notification
765	CULL Receipt
770	CULL Confirmation Advice
775	CULL Rejection Advice
780	CULL completion Advice
785	CDULL Notification
790	CDULL Receipt
795	CDULL Confirmation Advice
800	CDULL Rejection Advice
801	CDULL Completion Advice
810	SQVULL Notification
815	SQVULL Receipt Advice
820	SQVULL Rejection Advice
825	SQVULL Confirmation Advice
830	SQIULL Notification
835	SQIULL Receipt
840	SQIULL Rejection Advice
845	SQIULL Confirmation Advice
850	SQCULL Notification
860	SQCULL Receipt
865	SQCULL Rejection Advice
870	SQCULL Confirmation Advice

Appendix G Record Type / Name Table

Attribute Name	Length	Description/Comment
Access Provider ESA Code	CHAR(6)	Exchange Service Area code, as provided by the Access Provider to the Access Seeker.
Access Seeker Contact Fax No	NUM(10)	The Full Fax Number of the Access Seeker contact point for handling any related ULL issues on behalf of the Access Seeker eg 0393109876
Access Seeker Contact First Name	CHAR(20)	The First Name of the Access Seeker contact point for handling any related ULL issues on behalf of the Access Seeker in Upper & Lower case.
Access Seeker Contact Last Name	CHAR(30)	The Last Name of the Access Seeker contact point for handling any related ULL issues on behalf of the Access Seeker in Upper & Lower case.
Access Seeker Contact Mobile No	NUM(10)	The Mobile Number of the Access Seeker contact point for handling any related ULL issues on behalf of the Access Seeker eg 0418799354
Access Seeker Contact Phone No	NUM(10)	The Phone Number of the Access Seeker contact point for handling any related ULL issues on behalf of the Access Seeker eg 0393108789
Account Number	CHAR(25)	The account number for which the losing carrier uses for the aggregation of services for a customer for the purposes of billing the customer. Note: Account number can be different within a batch request.
Assurance Category	CHAR(8)	Code defining the level of fault repair type and response for the ULL service.
Billing Profile	CHAR(3)	Alternative charge identification for call diversion.
CA Signed date	CHAR(8)	The Date the Customer, or their Agent, signed the Porting Authority Form. Format YYYYMMDD
Call Diversion Service Number	CHAR(10)	The service number to which calls are to be diverted once an in-use pair has been converted to a ULLS.
Creation Date	CHAR(8)	Used in the Header to identify the file date. Format YYYYMMDD
Creator	CHAR(3)	Used in the Header to identify the C/CSP that created the file. The current valid values are: Optus – OPT Telstra – TEL AAPT – APT Hutchison – HUT Primus - PRM
Customer Address Information	CHAR(18)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Locality Abbrev	CHAR(16)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Postcode	CHAR(6)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Street Name	CHAR(24)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Street Number	CHAR(5)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Street Number Suffix	CHAR(3)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Street Suffix	CHAR(6)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Street Type	CHAR(8)	See Appendix B - Address Definition Guidelines for the complete definition.
Customer Sub Address Number	CHAR(4)	See Appendix B - Address Definition Guidelines for the complete definition.

Attribute Name	Length	Description/Comment
Customer Sub Address Type	CHAR(6)	See Appendix B - Address Definition Guidelines for the complete definition.
Cutover Date	CHAR(8)	The actual date from which the ULLS is to be cutover to the Access Seeker. ie YYYYMMDD
Cutover Time	CHAR(4)	Identifies the start of the agreed local time slot eg 8.00 am and 1.00pm from which the cutover of the ULLS is to occur. This is in 24 hr format eg 1.00pm is 1300 hrs.
Deployment Class	CHAR(3)	Represents the type of product the Access Seeker intends to use on the ULL.
Detail Record Count	NUM(7)	Used in the File Trailer, to identify the number of transactions in the file.
Disconnect Date	CHAR(8)	The actual date from which the ULLS is to be cancelled. Format YYYYMMDD
File Sequence Number	NUM(4)	Used in the Header to uniquely identify the occurrence of a File transmission. This is also used to ensure the daily files are processed in the correct order. Valid values, 4 digits commencing at an agreed number eg 0001. The file sequence number will rest
File Type	CHAR(1)	Used in the Header to identify the type. The current valid values are: D – Daily file between C/CSPs H – Cat A Hot Batch file between C/CSPs C – Daily file sent by C/CSPs to Connect C/CSPs
Gaining Access Provider	CHAR(3)	Identifies the Access Provider receiving a handed-back ULL.
Gaining Access Seeker	CHAR(3)	Identifies the Access Seeker receiving a transferred ULL.
Handback Type	CHAR(2)	Specifies whether a Handback for a ULL service is notified as happening immediately, or is pending future confirmation.
Invalid transaction details	CHAR(345)	Complete copy of an unrecognisable transaction.
Live Service FNN at Customer Address	NUM(10)	Defines a Live service FNN at the Access Seeker's customer address. This can be used to provide correct address information, especially for Service Qualification.
Loop Trace Gauge	Dec(1,2)	The gauge in millimetres of the cable e.g. 0.32
Loop Trace Length	CHAR(5)	The length in metres of the cable e.g. 00005
Loop Trace Type	CHAR(10)	Type of cable e.g. PUIT, APUIT, PIQL etc.
Network Boundary Point Details	CHAR(100)	Free format text that can be used to further define an address for a ULLS.
New ULLS Identifier	CHAR(10)	The new ULL Identifier assigned to a ULL after transfer to another Access Seeker
Number of Services	NUM(3)	A count of the number of services required
Old ULLS Identifier	CHAR(10)	The ULL Identifier by which a service was known before it was transferred to another Access Seeker
POI Cable	CHAR(4)	Identifies the Access Seeker's cable at the Point of Interconnect (POI) to which a ULL will be connected.
POI ESA Code	CHAR(6)	Identifies the Exchange Service Area within which the POI resides.
POI MDF	CHAR(6)	Identifies the Main Distribution Frame (MDF) from which the ULL service will run.
POI Pair	CHAR(4)	Identifies the Pair No. in the Access Seeker's POI Cable that will be used for the ULL service.
Power Indicator	CHAR(2)	Defines the type of electrical power that will be present in the ULLS after cutover.

Attribute Name	Length	Description/Comment
Receiver	CHAR(3)	Used in the Header to identify the C/CSP the file is intended for. The current valid values are the same as for C/CSP Creator:
Record Type	NUM(3)	Used to identify the Record Type ('999' used to indicate end of file in the File Trailer)
Record Version	NUM(2)	Used to identify the version of the Record Type.
Reject Code	NUM(3)	Value "000" identifies that the request has been accepted, a numeric value other than "000" means the request has been rejected. The non "000" value is the reject Reject Code.
Request Id	NUM(9)	A number, assigned by the Access Seeker, that uniquely identifies a ULL transaction.
Request Sequence	NUM(3)	For a ULL Request that can have multiple transaction records, this identifies a specific transaction within a string of similar records for the one Request Id.
Response Sequence	NUM(3)	For a ULL transaction that can have multiple transaction records, this identifies a specific transaction (ie Confirmation or Rejection) within a string of similar records for the one Request Id.
Response Total Number	NUM(3)	Identifies the total number of response records in a multiple record response.
Service Number	CHAR(20)	A Customer Access Number that is declared portable in the Numbering Plan relating to Local Number Portability (eg: 0396342223)
Site Contact First Name	CHAR(20)	The Customer's First (Given) Name.
Site Contact Last Name	CHAR(30)	The Customer's Last (Family) Name.
Site Contact Mobile No	CHAR(10)	The Customer's Contact Mobile Number.
Site Contact Phone No	CHAR(10)	The Customer's Contact full Service Number (eg: 0296644891)
SQ Date	CHAR(8)	The date of the Service Qualification of the circuit.
SQ Time	CHAR(4)	The time of the Service Qualification of the circuit.
Tap leg Length	CHAR(5)	The length in metres of the cable e.g. 00005
Termination Cable	CHAR(4)	Identifies the cable from the last cross connect point feeding the end customer a) for mains fed customers it is the mains cable number b) for customers that are fed from a pillar it is the pillar number c) for customers fed from a cabinet (and no pillar) it is the cabinet number
Termination Pair	CHAR(4)	Identifies the pair in the terminating cable a) for mains fed customers it is the mains cable pair number b) for customers that are fed from a pillar it is the "O" pair number c) for customers fed from a cabinet (and no pillar) it is the "B" pair number
Termination Terminal Box	CHAR(10)	Identifies the terminal box (if present) at the customer's premise that is used to terminate the Termination Pair.
Time Zone	NUM(4)	Time zone specified in GMT difference (eg EST Sydney = 0010, non daylight saving for Perth = 0008)
ULL Status	CHAR(2)	Provides the current status of a ULL Service. Values are "A" (Active) or "PG" (Pending Handback).
ULL Utilising Access Seeker	CHAR(3)	Identifies the Access Seeker to whom a ULL is currently supplied.
ULLS Identifier	CHAR(10)	A unique identifier for a ULL service ie Communications Wire eg 6100000001

DOCUMENT CONTROL SHEET

Contact for Enquires and Proposed Changes

If you have any questions regarding this Document please contact your company representative or the ACIF IT Sub-WC of OCRP/WC15:

Version Control

Issue No	Issue Date	Nature of Amendment
1	12/12/2000	First version of the ACIF Specification
2	2/3/2000	Second version due to changes relating to a phase 1 implementation ➢ Removal of events to be supported ➢ Changes to language ➢ Inclusion of new transactions for events ➢ Creation of event process flows and validations
3	27/3/2000	Third version due to changes relating to a phase 1 implementation ➢ Removal of events to be supported for return, and "Aquire & Port " ➢ Inclusion of events to be supported for service qualification quires ➢ Changes to language ➢ Inclusion of new attributes for event transactions ➢ Creation of event process flows and validations for service qualification quires ➢ Inclusion of a given section
4	06/4/2000	Four version due to changes relating to the identification and specification of certain key attributes
5	13/4/2000	Changes due in progress reviews ➢ Change due to language eg MTP to Communications Wire ➢ Updating record formats ➢ Adding transactions ➢ Adding attributes
6	13/4/2000	Changes due in progress reviews ➢ Addition of customer service address ➢ Changes to hot batching ➢ Addition of a unrecognisable transaction ➢ Addition of a renegotiated cutover transaction for failed valid cutover and retarget notifications ➢ Updating record formats ➢ Change Power indicator ➢ Change NBP attributes for Customer service address for VULL inquiry
7	11/5/2000	Changes due in progress reviews in OCRP forum ➢ Addition of two transactions ➢ ULLs for an address ➢ Service numbers for a ULL ➢ Pending port status for give back ➢ Call diversion expiry advice ➢ Handback withdrawal advice ➢ Some extra validations

Issue No	Issue Date	Nature of Amendment
7.1	13/06/2000	Changes due in progress reviews in OCRP forum ➢ Addition of two transactions ➢ DULL and IULL added service address and validation ie service number to address mismatch ➢ Addition of ESA code in SQVULL and SQIULL conf/rej advices ➢ Service number increase to 20 Char ➢ Sign PA date removed from VULL ➢ Introduction of a billing profile for a DULL
7.2	29/06/2000	➢ Minor changes applied for the official August delivery
7.2.1	07/07/2000	➢ Swapped version and record type around for file headers and trailer
7.2.2	10/07/2000	➢ Aligned expiry of ULL notification to code ie from 90 to 30 calender days ➢ Clarified example for Time Zone eg hrs and 30 minutes is 0930 ➢ Clarified example for record type eg “01” is “001” ➢ Clarified limits and expiry dates ➢ Clarified record counts ➢ Clarification of one business day
7.2.3	19/07/2000	➢ Replaced Assurance Category “Premier” with Business ➢ Change examples of assurance category to upper case ➢ Amended transaction numbers in section 11 to be consistent with section 13. Transactions included VULL Retarget Confirmation Advice, VULL Retarget, Rejection Advice, DULL Retarget Confirmation Advice, DULL Retarget Rejection Advice, IULL Retarget Confirmation Advice, IULL Rejection Advice, TULL Retarget Confirmation Advice, TULL Retarget Rejection Advice, SQVULL Confirmation Advice, SQVULL Rejection Advice, SQIULL Confirmation Advice, SQIULL Rejection Advice, SQCULL Rejection Advice ➢ Changed section 11.10 abbreviation from SQIULL to SQCULL ➢ Changed examples of address reference fields to UPPER case ➢ Changed examples of deployment class reference fields to lower case

Issue No	Issue Date	Nature of Amendment
8.0	13/08/2001	➢ Reinstate Customer Contact fields in VULL, DULL, IULL, and TULL transactions. (ACU001) ➢ Change a/c number requirement from mandatory to optional in DULL and IULL notification, with new error code 018. (ACU002) ➢ Additional validation for HULL (ACU003) ➢ New (optional) field in VULL and SQULL to identify a live service at the requested address (ACU004) ➢ Made CA Signed Date an optional field in VULL, IULL, DULL and TULL notifications (ACU005) ➢ Changed SAF to CA (Customer Authority) (ACU005) ➢ Improved address validation (ACU006) ➢ Improve POI ESA to address error reporting with new error code 019. (ACU007) ➢ Clarification of Industry Concepts (ACU008) ➢ Additional error message (050) for Optic Fibre to RIM (ACU009) ➢ Additional error message (024) for a non-error reject caused by the rejection of an associated service on a multi-service VULL (ACU010) ➢ Replaced GULL transactions with HULL transactions (ACU011) ➢ Outlined the need for the same deployment class, assurance category and cutover date to be used in multiple order transactions (ACU012) ➢ Inserted Reject Code 58 - Deployment class not compatible (ACU013) ➢ Inserted Reject code 20 - Invalid record type for ULL event (ACU013) ➢ Include a table of Record Types & Transaction names (ACU014) ➢ Clarify definition of Business Day (ACU015) ➢ For all occurrences of Power Indicator, No Power present to be indicated by "NP" instead of blank (ACU016) ➢ Clarify format of FNN Service Number (ACU017) ➢ Various corrections to typos. (ACU018)
8.1	17/7/2002	➢ Inclusion of extended record formats for VULL and SQVULL rejections generated by ACU004 ➢ Inclusion of new Reject Codes 002, 007, 008, 031, 033, 036 and 057 ➢ Replacement of Section 14 to include AP to AS reference File transmission process ➢ Various corrections to typos.

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