



B2B PROCEDURE: CUSTOMER AND SITE DETAILS NOTIFICATION PROCESS

PREPARED BY: AEMO Markets
VERSION: 3.2
EFFECTIVE DATE: 01 February 2019
STATUS: Draft

Approved for distribution and use by:

APPROVED BY: Information Exchange Committee

DATE: 20 / 07 / 2018

VERSION RELEASE HISTORY

Version	Date	Author	Comments
2.0	13/11/2013	AEMO	Updates to capture QC 776 CSDN Project Changes
2.1	15/05/2014	AEMO	Update to Customer Details Reconciliation Process
2.2	21/11/2014	AEMO	Minor amendment update from previous 2.1 consultation. Updated version numbers and release date to retain version numbering with other B2B Procedures.
3.0	06/03/2017	AEMO	Update based on rules changes: <ul style="list-style-type: none"> National Electricity Amendment (Expanding Competition in Metering and Related Services) Rule 2015 No. 12; National Electricity Amendment (Embedded Networks) Rule 2015 No. 15; and National Electricity Amendment (Updating the Electricity B2B Framework) Rule 2016 No. 6.
3.1	01/12/2017	AEMO	Update based on IEC B2B Procedure Errata
3.2	20/7/2018	AEMO	Updated based on rule change: <ul style="list-style-type: none"> National Energy Retail Amendment (Strengthening protections for customers requiring life support equipment) Rule 2017 No. 3

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1. INTRODUCTION

1.1. Purpose and Scope

- (a) This B2B Procedure: Customer and Site Details Notification Process (Procedure) is *published* by AEMO in accordance with clause 7.17.3 of the NER.
- (b) This Procedure specifies the standard process and data requirements for the communication, updates and reconciliation of Customer and Site details.
- (c) This Procedure has effect only for the purposes set out in the NER and NERR. All other national and jurisdictional regulatory instruments and codes prevail over this Procedure to the extent of any inconsistency.

1.2. Definitions and Interpretation

- (a) The Retail Electricity Market Procedures – Glossary and Framework:
 - (i) is incorporated into and forms part of this Procedure; and
 - (ii) should be read with this Procedure.
- (b) In the event of any inconsistency between this Procedure and the B2B Procedure: Technical Delivery Specification unless this Procedure provides otherwise, the relevant B2B Technical Delivery Specification shall prevail to the extent of the inconsistency.
- (c) The terms Initiator and Recipient have been used throughout the document to designate the sender and receiver of each transaction. Where a specific role is called out, the transaction should only be sent and received by the designated role (e.g. Current Retailer, DNSP, MPB).
- (d) All times (related to the conduct of the work) refer to the local time for the Site (where the work requested is to be carried out). Local time is inclusive of daylight saving time changes.

1.3. Related Documents

Table 1: Related Documents

Title	Location
Retail Electricity Market Procedures – Glossary and Framework	http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering/Glossary-and-Framework
B2B Procedure Technical Delivery Specification	
B2B Procedure Service Order Process	
B2B Procedure Meter Data Process	
B2B Procedure One Way Notification Process	
B2B Guide	
Metrology Procedure: Part A	http://www.aemo.com.au/Electricity/National-Electricity-Market-NEM/Retail-and-metering

1.4. Guidance Notes

- (a) This document contains Guidance Notes that provides the reader with a reference point where an obligation for services is provided for in the NEM.
- (b) A number of timing requirements that represent common industry practice have also been included. These timings are not associated with the communication of B2B transactions, do not have a head of power and are not enforceable.
- (c) Guidance Notes are indicated by the use of [Guidance Note #] at the commencement of the clause in this procedure and highlighted in grey.
- (d) The table below lists the document or documents for reference.

Table 2: Guidance Notes

Reference	Document Name
[Guidance Note 1]	This is an accepted or common industry practice that does not reference a specific legal or jurisdictional requirement
[Guidance Note 2]	National Energy Retail Rules (NERR)
[Guidance Note 3]	Service Level Procedure Metering Data Provider Services
[Guidance Note 4]	National Electricity Rules (NER)
[Guidance Note 5]	Essential Services Commission (ESC) Electricity Distribution Code (Victoria)
[Guidance Note 6]	Service Level Procedures: Metering Provider Services
[Guidance Note 7]	Victorian Electricity Distributors Service & Installation Rules
[Guidance Note 8]	SA Power Networks Service & Installation Rules
[Guidance Note 9]	Electricity Distribution Network Code (Queensland)
[Guidance Note 10]	Metrology Procedures – Part B
[Guidance Note 11]	Electricity Distribution Code (South Australia)

2. TRANSACTION LIST AND PROCESS

2.1. Transaction List

(a) Included in this procedure are the following transactions:

- (i) CustomerDetailsNotification
- (ii) CustomerDetailsRequest
- (iii) SiteAccessNotification
- (iv) SiteAccessRequest
- (v) Life Support Notification
- (vi) Life Support Request

2.2. Process Diagrams

(a) Figures 1-5 show the entire process for the provision of Customer details, Life Support Details and Site access data, including:

- (i) Where the CustomerDetailsNotification is provided by the Recipient in response to an Initiator's CustomerDetailsRequest. On most occasions, the CustomerDetailsNotification will be provided without an associated CustomerDetailsRequest. In this case, the Initiator will provide the Recipient with the required CustomerDetailsNotification.
- (ii) Where an Initiator sends a SiteAccessRequest and a Recipient sends a SiteAccessNotification.
- (iii) Where an Initiator sends a Life Support Request and a Recipient sends a Life Support Notification.

(b) The triangles at the bottom of Figures 1-5 indicate the timing points for the process.

Figure 1: Notifications Process - Generic Notifications Process

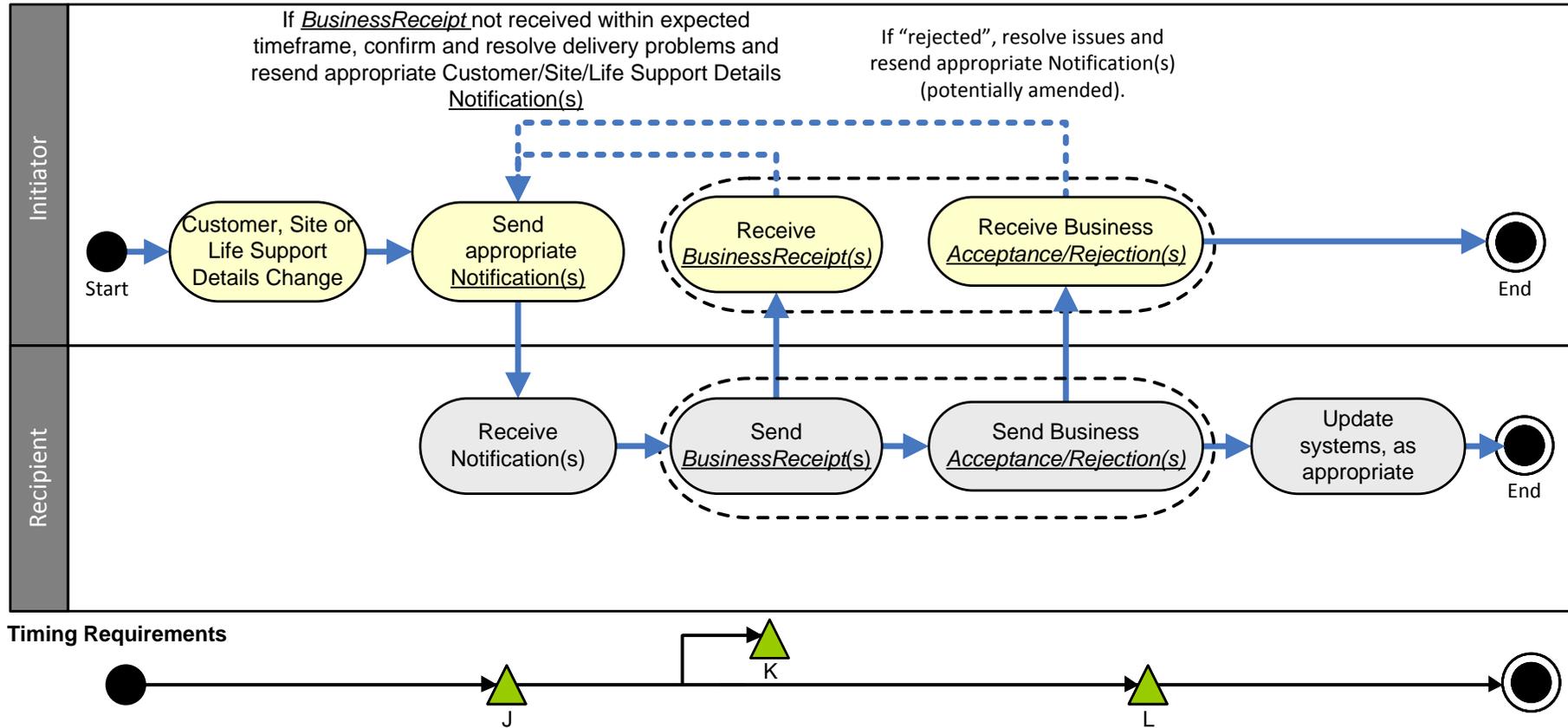


Figure 2: Overview of generic request and notification process

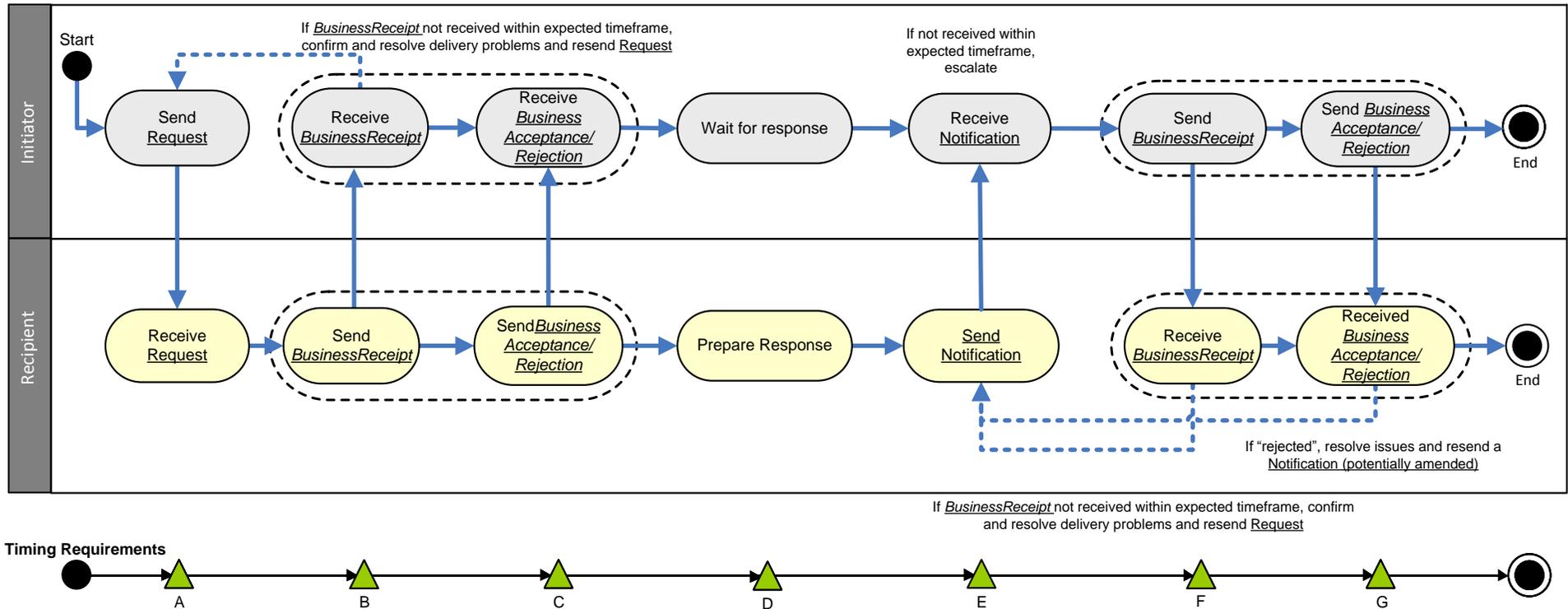


Figure 3: Overview of Customer Details Reconciliation Process

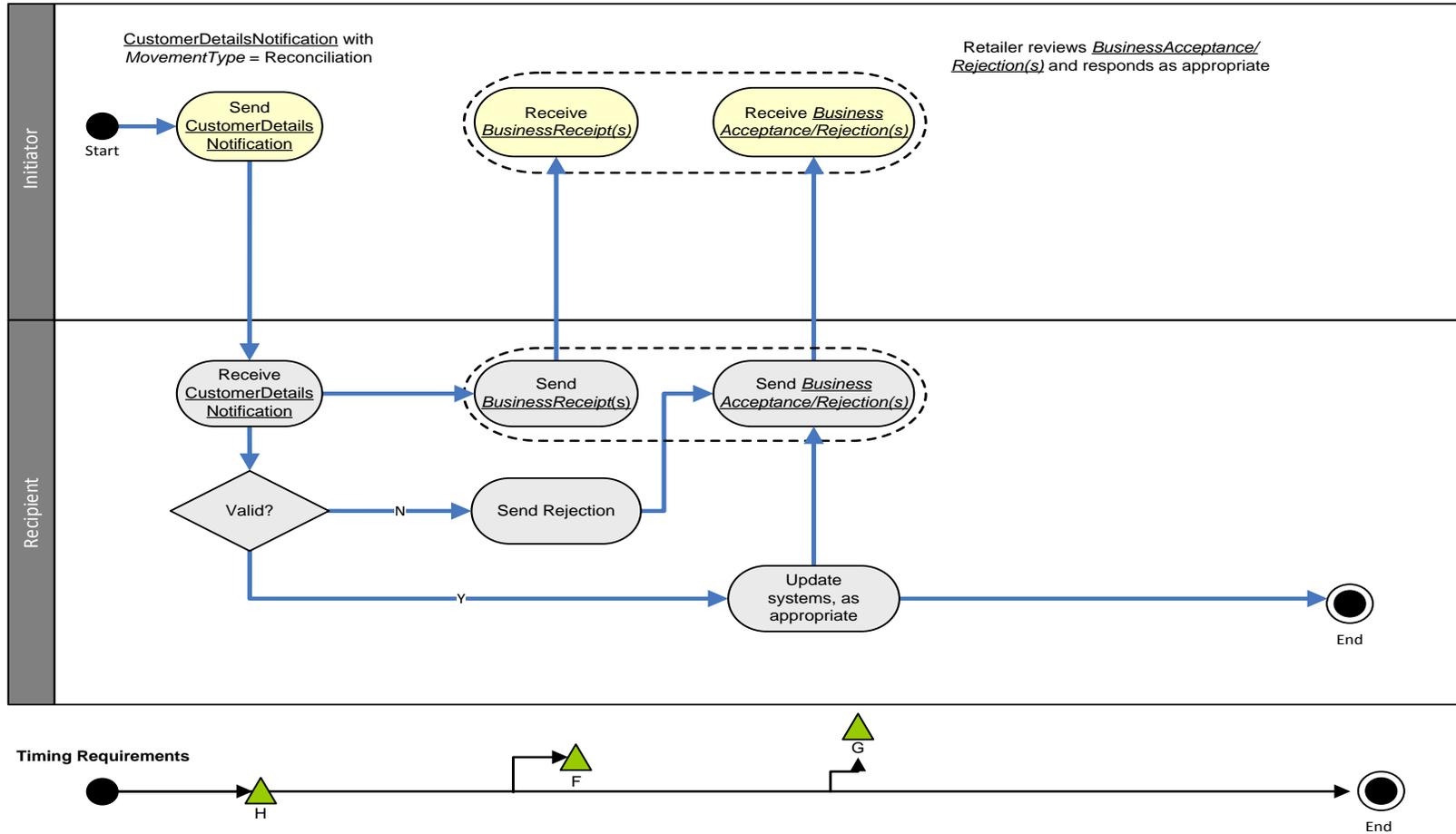
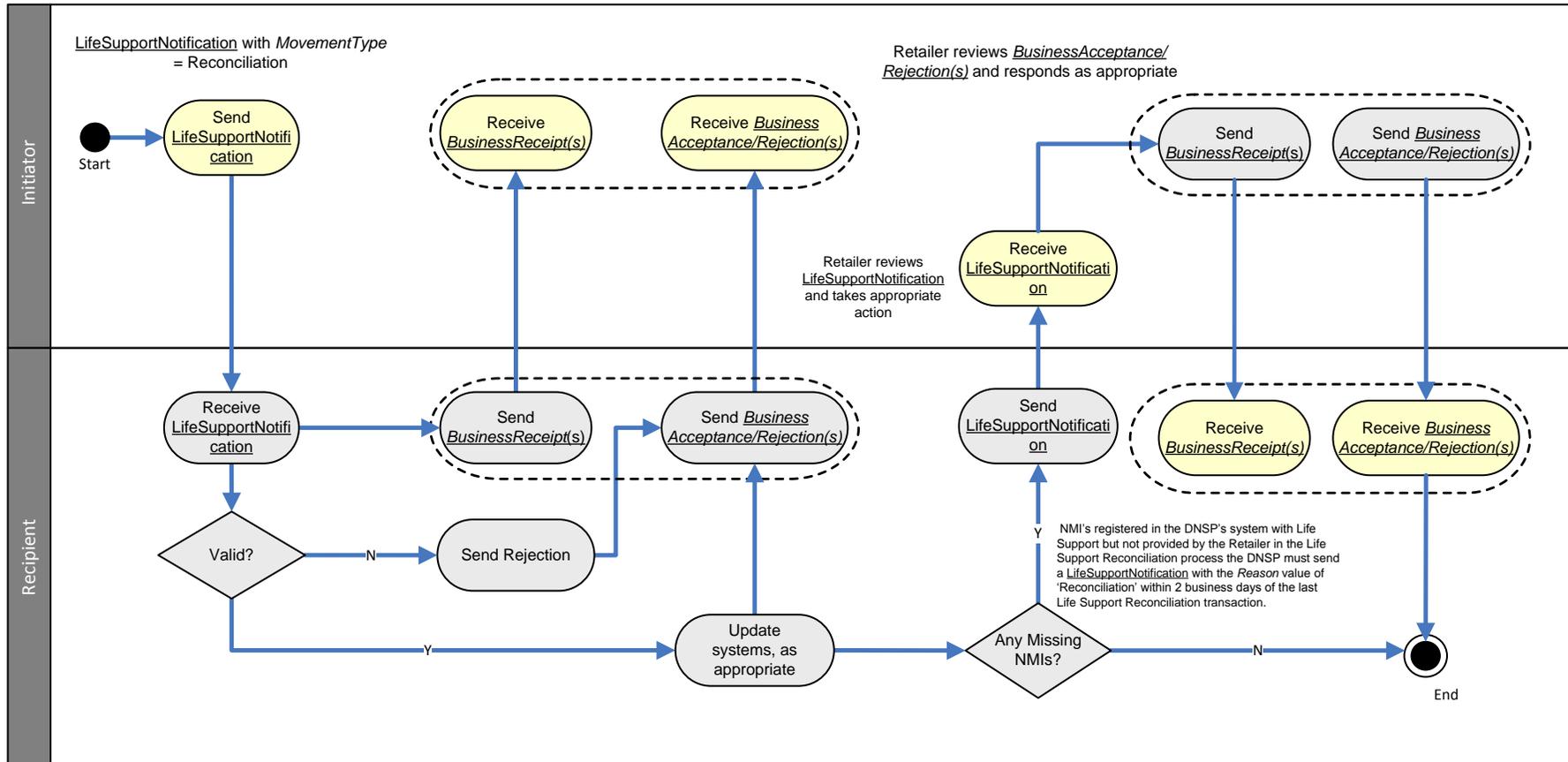
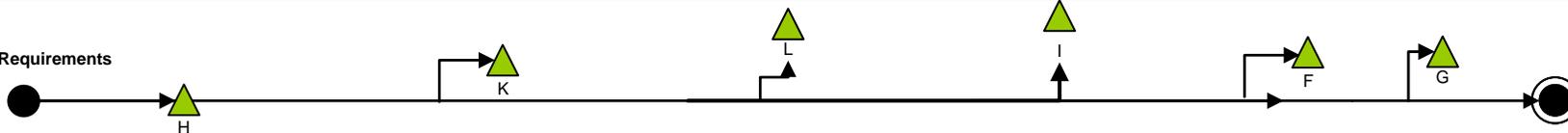


Figure 4: Overview of Life Support Reconciliation Process



Timing Requirements



3. TIMING REQUIREMENTS

3.1. Definition of Timing Points and Timing Periods

- (a) The Timing Points are shown in Figures 1-5.
- (b) For additional Timing Requirements for the Life Support Reconciliation process, refer to section 4.6.
- (c) The Timing Requirements for the BusinessReceipt and the BusinessAcceptance/Rejection for the SiteAccessNotification are identical to those for the CustomerDetailsNotification.
- (d) The Timing Requirements for the BusinessReceipt and the BusinessAcceptance/Rejection for the SiteAccessRequest are identical to those for the CustomerDetailsRequest.
- (e) The Timing Points are defined in Table 3:

Table 3: Timing Point Definitions

Timing Point	Definition
A	When an Initiator issues a <u>Request</u> to a Recipient
B	When an Initiator receives a <u>BusinessReceipt</u> for a <u>Request</u> from the Recipient.
C	When an Initiator receives a <u>BusinessAcceptance/Rejection</u> for a <u>Request</u> from the Recipient.
D	When the Request has been actioned.
E	When the Recipient sends a Notification to the Initiator
F	When the Recipient receives a <u>BusinessReceipt</u> for a Notification from the Initiator.
G	When the Recipient receives a <u>BusinessAcceptance/Rejection</u> for a Notification from the Initiator.
H	When the Initiator issues a Customer Details Reconciliation or Life Support Reconciliation to a Recipient.
I	When the Recipient issues a <u>LifeSupportNotification</u> to an Initiator about a Life Support Reconciliation under section 4.6.
J	When the Initiator sends a Notification to the Recipient.
K	When the Initiator receives a <u>BusinessReceipt</u> for a Notification from the Recipient.
L	When the Initiator receives a <u>BusinessAcceptance/Rejection</u> for a Notification from the Recipient.

- (f) The Timing Periods are defined in Table 4:

Table 4: Timing Period Definitions

Timing Period	Description of Timing Period	Usage
<u>BusinessReceipts</u> for Requests	From the sending of the <u>Request</u> by the Initiator to the receipt of the <u>BusinessReceipt</u> for the <u>Request</u> from the Recipient. Commences at Timing Point A and ends at Timing Point B.	Used by the Initiator to determine whether a <u>Request</u> has been received and can be read. If the <u>BusinessReceipt</u> has not been received before this period expires, the Initiator may escalate the non-receipt, resend the original request, or do both.
<u>BusinessAcceptance/Rejection</u> for Requests	From the sending of the <u>Request</u> by the Initiator to the receipt of the <u>BusinessAcceptance/Rejection</u> for the <u>Request</u> from the Recipient. Commences at Timing Point A and ends at Timing Point C.	Used by the Initiator to determine whether a <u>Request</u> has been accepted (and will subsequently be actioned by the Recipient). If the <u>BusinessAcceptance/Rejection</u> has not been received before this period expires, the Initiator may escalate the non-receipt.
Providing a <u>CustomerDetailsNotification</u>	From receipt of the <u>CustomerDetailsRequest</u> to the sending of the <u>CustomerDetailsNotification</u> by the Recipient. Commences at Timing Point A and ends at Timing Point E.	If the <u>CustomerDetailsNotification</u> has not been received before this period expires, the Initiator may escalate the non-receipt.

Timing Period	Description of Timing Period	Usage
Providing a <u>SiteAccessNotification</u>	From receipt of the <u>SiteAccessRequest</u> to the sending of the <u>SiteAccessNotification</u> by the Recipient. Commences at Timing Point A and ends at Timing Point E.	If the <u>SiteAccessNotification</u> has not been received before this period expires, the Initiator may escalate the non-receipt.
Providing a <u>LifeSupportNotification</u>	From receipt of the <u>LifeSupportRequest</u> to the sending of the <u>LifeSupportNotification</u> by the Recipient. Commences at Timing Point A and ends at Timing Point E.	If the <u>LifeSupportNotification</u> has not been received before this period expires, the Initiator may escalate the non-receipt.
<u>BusinessReceipts</u> for Notifications	From the sending of the Notification by the Recipient to the receipt of a <u>BusinessReceipt</u> for the Notification from the Initiator. Commences at Timing Point E and ends at Timing Point F.	Used by the Recipient to determine whether a Notification has been received and can be read. If the <u>BusinessReceipt</u> has not been received before this period expires, the Recipient may escalate the non-receipt, resend the original notification, or do both.
<u>BusinessAcceptance/Rejection</u> for Notifications	From the sending of the Notification by the Recipient to the receipt of a <u>BusinessAcceptance/Rejection</u> for the Notification from the Initiator. Commences at Timing Point E and ends at Timing Point G.	Used by the Recipient to determine whether the response has been accepted by the Initiator and the request can be closed. If the <u>BusinessAcceptance/Rejection</u> has not been received before this period expires, the Recipient may escalate the non-receipt.
<u>BusinessReceipts</u> for Notifications	From the sending of the Notification by the Initiator to the receipt of a <u>BusinessReceipt</u> for the Notification from the Recipient Commences at Timing Point J and ends at Timing Point K.	Used by the Initiator to determine whether a Notification has been received and can be read. If the <u>BusinessReceipt</u> has not been received before this period expires, the Initiator may escalate the non-receipt, resend the original notification, or do both.
<u>BusinessAcceptance/Rejection</u> for Notifications	From the sending of the Notification by the Initiator to the receipt of a <u>BusinessAcceptance/Rejection</u> for the Notification from the Recipient. Commences at Timing Point J and ends at Timing Point L.	Used by the Initiator to determine whether the response has been accepted by the Recipient and the request can be closed. If the <u>BusinessAcceptance/Rejection</u> has not been received before this period expires, the Initiator may escalate the non-receipt.
Providing a <u>LifeSupportNotification</u> as part of a Life Support Reconciliation under section 4.6.	From the initiation of the Life Support Reconciliation to when the Recipient is expected to raise any <u>LifeSupportNotifications</u> to the Initiator. Commences at Timing Point H and ends at Timing Point I.	Used by the Recipient to send a <u>LifeSupportNotifications</u> for <u>NMIs</u> with Life Support but were not provided by the Initiator in the Life Support Reconciliation.

3.2. Other Timing Requirements

- (a) [Guidance Note 1] Timing requirements for the CustomerDetailsNotification and SiteAccessNotification can be agreed between the Initiator and the Recipient.
- (b) Timing requirement for BusinessReceipts is set out in the B2B Procedure Technical Delivery Specification.
- (c) Timing requirement for BusinessAcceptance/Rejection for Notifications is set out in the B2B Procedure Technical Delivery Specification.
- (d) [Guidance Note 2] Subject to clause (a), the Retailer provides a CustomerDetailsNotification within two Business Days of receiving the CustomerDetailsRequest.
- (e) [Guidance Note 2] In the absence of a relevant request, the CustomerDetailsNotification and/or SiteAccessNotification must be provided within one business day of the relevant data being updated or changed.
- (f) [Guidance Note 1] A Current Retailer must send a CustomerDetailsNotification within five business days of the following events:
 - (i) following the completion of the CATS change of retailer process.
 - (ii) for a new connection, once the site has been energised.Refer to Timing Requirement for Sending CustomerDetailsRequests.
- (g) [Guidance Note 1] In the absence of a CustomerDetailsNotification and following receipt of the completion of the CATS Change Retailer transaction, the Initiator may send a CustomerDetailsRequest for a *NMI* after the fifth business day.
- (h) [Guidance Note 1] In the absence of a CustomerDetailsNotification and following notification of an energised *NMI*, the Initiator may send a CustomerDetailsRequest after the fifth business day.

4. BUSINESS RULES

4.1. Common Business Rules for Notifications

- (a) The Initiator must only send a single daily Notification of each type (where relevant) covering all Changes made to the *NMI*'s details that day, ensuring the most recent details are provided. This restriction does not apply to the Life Support Notification.
- (b) For the purposes of registration and deregistration or updating of life support details, Retailers and DNSP's must use the LifeSupportNotification and not CustomerDetailsNotification.
- (c) Prior to requesting and sending life support transactions it is expected that the prospective Retailer has obtained explicit informed consent from the customer.
- (d) The Initiator must provide all available information that they hold for each Notification transaction, not just information changes. Non-completion of non-Mandatory, is taken to mean that the Initiator does not have the absent information.
- (e) If the Recipient does not accept the information provided by the Initiator, they must send a BusinessAcceptance/Rejection with an appropriate *EventCode* and details of the Initiator's data being rejected.
- (f) It is within a Recipient's sole discretion as to whether they decide to update their records on the basis of the information provided by the Initiator.
- (g) A ServiceOrderRequest does not replace the need to send relevant Notifications. For example, a Re-energisation ServiceOrderRequest, which includes *Hazards*, does not replace the SiteAccessNotification that would provide the same information. The information in the

ServiceOrderRequest is treated as pertinent to the work requested only, and the SiteAccessNotification is treated as the official, enduring update.

- (h) The Initiator must only send updates where the Customer or Initiator initiated the Changes. The Initiator must not send updates based on information received from MSATS or other Participants. This prevents the cyclical transmission of information. The Retailer may send a CustomerDetailsNotification in response to receiving the LifeSupportNotification from the DNSP.
- (i) The details provided in a CustomerDetailsNotification and SiteAccessNotification must be the current details as at the date and time that the Notification was generated. The *LastModifiedDateTime* may be historical in certain situations. For Life Support changes refer to section 4.3 and 4.4.
- (j) [Guidance Note 1] The Initiator must investigate and provide an updated notification where necessary within 5 business days upon receiving a rejection of a notification transaction.

4.2. Customer Details Request

- (a) [Guidance Note 1] An Initiator sends a CustomerDetailsRequest when they reasonably believes that the information in the CustomerDetailsNotification has not been previously provided in a Notification transaction or that the information they hold is or may be incorrect.
- (b) [Guidance Note 2 and Guidance Note 4] Any authorised party entitled to the information can generate a CustomerDetailsRequest to the Current Retailer for the *NMI*.
- (c) An Initiator must only send a maximum of one CustomerDetailsRequest per *NMI* per day.
- (d) The Current Retailer must provide a CustomerDetailsNotification in response to a valid CustomerDetailsRequest.
- (e) If parties wish to obtain mass updates of information, parties must reach agreement to use this transaction.

4.3. Customer Details Notification

4.3.1. Initiating a Customer Details Notification

- (a) The Initiator of the CustomerDetailsNotification will always be the Current Retailer.
- (b) [Guidance Note 2] The Current Retailer must confirm the specific contact for the management of outages and supply issues for each *NMI* and provide this information via the CustomerDetailsNotification.
- (c) [Guidance Note 2 and 5] The Current Retailer must send the relevant Notifications to the DNSP whenever they become aware of Customer Changes.
- (d) [Guidance Note 1] The Current Retailer must send the relevant Notifications to Recipient(s) as agreed whenever they become aware of a Customer Change
- (e) [Guidance Note 2] Where the requirements for Life Support are no longer appropriate (for example an occupier no longer meets the jurisdictional requirements to be classified as a Life Support customer) a Retailer must send a CustomerDetailsNotification containing *NMI*, *LastModifiedDateTime*, a *MovementType* value of "Update" and *SensitiveLoad* value updated as per clause 4.3.2.
- (f) Current Retailers may send a CustomerDetailsNotification to other Recipients as agreed.

4.3.2. Sensitive Load Field

- (a) Where life support is required at the premise the *SensitiveLoad* field must have a value of 'Life Support'. For the registration, update and deregistration of Life Support refer to Life Support section 4.4.

- (b) Where the initiator reasonably believes there are economic, health or safety issues associated with loss of *supply* to the *NMI*, the *SensitiveLoad* field should have a value of 'Sensitive Load'.
- (c) If neither of the above conditions apply then the *SensitiveLoad* field should have a value of 'None'

4.3.3. Vacant Sites

- (a) [Guidance Note 2] If a Site is vacant, the Initiator must send a CustomerDetailsNotification containing *NMI*, *LastModifiedDateTime*, a *MovementType* value of 'Site Vacant' and *SensitiveLoad* of 'None' to the relevant Recipient who may update their records accordingly.

4.4. Life Support

4.4.1. Life Support Notification

- (a) The initiator of the LifeSupportNotification can be a Current Retailer, Prospective Retailer or a DNSP.
- (b) [Guidance Note 2] Where the DNSP or Retailer is informed by a customer that they require life support or there are changes to the life support information or requirement, they must advise the other party using the Life Support Notification with the information defined in Table 9.
- (c) [Guidance Note 2] Following a change of Retailer, where the DNSP is the registration process owner, the DNSP must send the Current Retailer a LifeSupportNotification.
- (d) [Guidance Note 2] Where the Current Retailer or DNSP has completed the deregistration process for a Life Support customer they must send the other party an updated LifeSupportNotification.
- (e) [Guidance Note 1] Where the Retailer who is not the Current Retailer has provided a LifeSupportNotification to the DNSP and life support registration is no longer required:
 - (i) The Retailer must send the DNSP an updated LifeSupportNotification and
 - (ii) The DNSP may update their records accordingly.

4.4.2. Life Support Request

- (a) [Guidance Note 2] Where a Retailer or DNSP requires a confirmation of a current life support status at a *NMI* they may send a LifeSupportRequest to the other party.
- (b) [Guidance Note 2] The Recipient of a valid LifeSupportRequest must provide a LifeSupportNotification and use best endeavours to respond within 2 business days and no later than 5 business days.
- (c) If a LifeSupportNotification is not received within 5 business days the Initiator may contact the Recipient.
- (d) The party responding to a LifeSupportRequest does not need to be the registration process owner.
- (e) An initiator must only send a maximum of one LifeSupportRequest per *NMI* per day.
- (f) If parties wish to obtain mass updates of information, parties must reach an agreement to use this transaction.

4.5. Customer Details Reconciliation

- (a) Current Retailers can agree with any party to conduct regular reconciliations and can adopt the following processes described below.
- (b) The Customer Details Reconciliation must use the CustomerDetailsNotification with *MovementType* of 'Reconciliation'.
- (c) The use of BusinessAcceptance/Rejections for the Customer Details Reconciliation will be a subset to that used for the CustomerDetailsNotification. The Recipient can only reject for reasons as specified in Table 12.
- (d) A Customer Details Reconciliation transaction does not replace the requirement for the Notification of Customer Details Changes, as described in the CustomerDetailsNotification process

4.6. Life Support Reconciliation

- (a) Current Retailers can agree with any party to conduct regular reconciliations and can adopt the following processes described below.

(b) [Guidance Note 1] Current Retailers and DNSPs must conduct a reconciliation of Life Support Details for NMIs with Life Support customers at least four times per year

- (c) Where agreed between Participants, the Life Support Reconciliation Process may be conducted more frequently.
- (d) The Current Retailer must conduct the Life Support Reconciliation with the DNSP. The Life Support Reconciliation must use the LifeSupportNotification with *Reason* of 'Reconciliation'.
- (e) The use of BusinessAcceptance/Rejections for the Life Support Reconciliation will be a subset to that used for the LifeSupportNotification. The DNSP can only reject for reasons as specified in Table 12.
- (f) The Retailer and DNSP must agree the timing of the Life Support Reconciliation.
- (g) For *NMIs* registered in the DNSP's system with Life Support but not provided by the Retailer in the Life Support Reconciliation process the DNSP must send a LifeSupportNotification with the *Reason* value of 'Reconciliation' within 2 business days of the last Life Support Reconciliation transaction being received.
- (h) If no LifeSupportNotifications with *Reason* value 'Reconciliation' have been received by the Current Retailer from the DNSP after 2 business days of sending the last Life Support Reconciliation transaction, the Life Support Reconciliation is considered to have been completed.
- (i) A Life Support Reconciliation transaction does not replace the requirement for the Notification of Life Support Changes, as described in the LifeSupportNotification process.

4.7. Site Access Request

(a) [Guidance Note 2 and Guidance Note 4] Any authorised party entitled to the information can generate a SiteAccessRequest to another related party for the *NMI*.

- (b) An Initiator must only send a maximum of one SiteAccessRequest per *NMI* per day.
- (c) The Recipient must provide a SiteAccessNotification in response to a valid SiteAccessRequest.
- (d) If parties wish to obtain mass updates of information, parties must reach agreement to use this transaction.

4.8. Site Access Notification

- (a) [Guidance Note 2] The Current Retailer must send the SiteAccessNotification to the DNSP whenever they become aware of Site Access Changes.
- (b) Parties that are not the Retailer should only send a SiteAccessNotification on receipt of a valid SiteAccessRequest.
- (c) The Recipient must not generate a new SiteAccessNotification when they update their systems as a result of an incoming SiteAccessNotification from another party.
- (d) The Recipient must provide a SiteAccessNotification in response to a valid SiteAccessRequest.
- (e) [Guidance Note 1] The Current Retailer must send a Site Access Notification to Recipient(s) other than the DNSP as agreed whenever they become aware of Site Access changes.

5. TRANSACTIONS

Key to Usage

- M = Mandatory (must be provided in all situations).
- R = required (if this information is available or has changed).
- O = Optional (may be provided).
- N = Not relevant (not to be provided).

Participants must ensure that each B2B Transaction complies with the usage, definitional and format rules detailed in Tables 5-11:

5.1. CustomerDetailsRequest Data

Table 5: Data Requirements for CustomerDetailsRequest

Field	Format	Use	Definition/Comments
<i>NMI</i>	CHAR(10)	M	<i>NMI</i>
<i>NMIChecksum</i>	CHAR(1)	O	<i>NMI</i> Checksum

Field	Format	Use	Definition/Comments
<i>Reason</i>	VARCHAR(40)	M	<p><u>Allowed values</u></p> <ul style="list-style-type: none"> • Returned Mail • Missing Customer Details • Confirm Life Support (obsolete, no longer used for CDR) • No response to rejected CDN • Transfer Complete, no CDN Received • New Connection, no CDN Received • Data Quality Issue • Other • Rec – confirm no SensitiveLoad (Reconciliation only) (obsolete, no longer used for CDR) <p><u>Notes regarding the allowed values</u></p> <p>“Returned Mail” means the DNSP/MC/MPB has received returned mail with the current <i>PostalAddress</i> held by the DNSP/ MC/MPB.</p> <p>“Missing Customer Details” means the DNSP/ MC/MPB reasonably believes the customer details have changed and the Retailer has not provided a Notification of the Changes (e.g. move-in has occurred).</p> <p>“Confirm Life Support” means the DNSP/ MC/MPB requires confirmation of whether the Connection Point has a Life Support requirement or not.</p> <p>“No response to rejected CDN” means that a DNSP/ MC/MPB has rejected a previous CDN where it was reasonably expected the Retailer would send through a new CDN with updated/corrected information, which has not yet been received.</p> <p>“Transfer Complete, no CDN Received” means a transfer has completed for the NMI and the DNSP/ MC/MPB believes a CDN has not yet been received within the allowed timeframe.</p> <p>“New Connection, no CDN Received” means a new connection has completed for the NMI and the DNSP/ MC/MPB believes a CDN has not yet been received within the allowed timeframe. The DNSP/ MC/MPB must provide which specific data they are querying in the <i>SpecialNotes</i> field.</p> <p>“Data Quality Issue” means that although the data may be technically correct, it may not be fit for purpose (e.g. phone number is 9999999). The DNSP/MC/MPB must provide which specific data they are querying in the <i>SpecialNotes</i> field.</p> <p>“Other” must only be used for scenarios not covered by the specified allowed values. The DNSP/ MC/MPB must provide the details of the reason in the <i>SpecialNotes</i> field.</p> <p>“Rec - confirm no SensitiveLoad” means the DNSP/ has a NMI is flagged for Life Support, but it was not included in the <u>CustomerDetailsReconciliation</u> transaction(s) provided by the Retailer.</p>
<i>SpecialNotes</i>	VARCHAR(240)	O/M	Any additional information the Recipient wishes to convey to the Initiator. Mandatory if Reason is “Other” or “Data Quality Issue”.

5.2. CustomerDetailsNotification Data

Table 6: Data Requirements for CustomerDetailsNotification

Field	Format	Use	Definition/Comments
<i>NMI</i>	CHAR(10)	M	<i>NMI</i> .
<i>NMIChecksum</i>	CHAR(1)	O	<i>NMI</i> Checksum.
<i>CustomerName</i>	PERSONNAME	M/N	Mandatory if <i>BusinessName</i> is blank. Must be the name of the person who is the contact for the management of outages and supply issues for each <i>connection point</i> . Refer to B2B Procedure:Technical Delivery Specification Not required where the Site is vacant.
<i>BusinessName</i>	BUSINESSNAME	M/N	Mandatory where the <i>CustomerName</i> is blank. Not required where the Site is vacant.
<i>BusinessContactName</i>	PERSONNAME	R	Must be the name of the person who is the contact for the management of outages and supply issues for each <i>connection point</i> . Only one <i>BusinessContactName</i> can be supplied. Refer to B2B Procedure:Technical Delivery Specification Not required where the Site is vacant.
<i>PostalAddress</i>	ADDRESS	M/N	Must be the Customer's postal address for outage notifications. Refer to B2B Procedure:Technical Delivery Specification Not required where the Site is vacant.
<i>DeliveryPointIdentifier</i>	NUMERIC (8)	R	The DPID for the <i>PostalAddress</i> as per <i>Australian Standard AS4590</i> . Not Required where the Site is vacant.
<i>PhoneNumber1</i>	TELEPHONE	R	Must be the phone number of the person who is the contact for the management of outages and <i>supply</i> issues for each <i>connection point</i> . Where the Initiator has obtained a telephone number for the purpose of contacting the Customer for <i>supply</i> issues, the number is to be provided in the <u>CustomerDetailsNotification</u> . Refer to B2B Procedure:Technical Delivery Specification Not required where the Site is vacant.
<i>PhoneNumber2</i>	TELEPHONE	R	Must be the phone number of the person who is the contact for the management of outages and <i>supply</i> issues for each <i>connection point</i> . Where the Initiator has obtained a telephone number for the purpose of contacting the Customer for <i>supply</i> issues, the number is to be provided in the <u>CustomerDetailsNotification</u> . Refer to B2B Procedure:Technical Delivery Specification Not required where the Site is vacant.
<i>EmailAddress</i>	VARCHAR(100)	R/N	Must be the email address of the person who is the contact for the management of outages and supply issues for each connection point. Where the Initiator has obtained an email address for the purposes of contacting the Customer for supply issues, the email address is to be provided in the <u>CustomerDetailsNotification</u> . Not required where the Site is vacant.

Field	Format	Use	Definition/Comments
<i>SensitiveLoad</i>	VARCHAR(20)	M	<p>This field indicates whether or not there are economic, health or safety issues with loss of <i>supply</i> of the <i>connection point</i>.</p> <p><u>Allowed Values</u></p> <ul style="list-style-type: none"> Life Support Sensitive Load None <p>The value 'Life Support' applies to the customer at the Connection Point, where a customer relies on the life support equipment. The <u>LifeSupportNotification</u> is to be used for registration/update and deregistration of life support.</p> <p>The value 'Sensitive Load' is used to indicate that the Initiator reasonably believes there are economic, health or safety issues with loss of supply of the Connection Point, other than Life Support ones. Where Life Support and Sensitive Load both apply to a Connection Point, the Life Support value must be provided.</p> <p>'None' also applicable if the Site is vacant.</p>
<i>MovementType</i>	VARCHAR(14)	M	<p><u>Allowed CustomerDetailsNotification Codes</u></p> <ul style="list-style-type: none"> Site Vacant Update <p><u>Allowed Customer Details Reconciliation Code</u></p> <ul style="list-style-type: none"> Reconciliation
<i>LastModifiedDateTime</i>	DATETIME	M	Date and time that the record was updated in the Initiator's system.

5.3. SiteAccessRequest Data

Table 7: Data Requirements for SiteAccessRequest

Field	Format	Use	Definition/Comments
<i>NMI</i>	CHAR(10)	M	<i>NMI</i>
<i>NMIChecksum</i>	CHAR(1)	O	NMI Checksum
<i>Reason</i>	VARCHAR(40)	M	<p>The Initiator should provide a Reason for the request in this field, Allowed Values:</p> <ul style="list-style-type: none"> New Retailer for site Records old and need to be updated No Access details on file for NMI No Hazard Details on file for NMI Site Visit Required Other
<i>SpecialNotes</i>	VARCHAR(240)	O/M	Any additional information the Initiator wishes to convey to the Recipient. Mandatory if Reason is "Other".

5.4. SiteAccessNotification Data

Table 8: Data Requirements for SiteAccessNotification

Field	Format	Use	Definition/Comments
<i>NMI</i>	CHAR(10)	M	<i>NMI</i>
<i>NMIChecksum</i>	CHAR(1)	O	<i>NMI</i> Checksum
<i>AccessDetails</i>	VARCHAR(160)	M	<p>If the Customer has supplied any special access details, the Initiator must include these. Any access requirements should be fully described, without using abbreviations.</p> <p><u>Standard values</u> "Customer reports no access requirements"; or <Description of access requirement></p> <p>This information is permanent for the Site and can only be changed by a new <u>SiteAccessNotification</u>.</p>
<i>HazardDescription</i>	VARCHAR(80)	M	<p>This field repeats to allow the reporting of multiple hazards.</p> <p><u>Standard values</u> One or more of the following standard values can be used, where applicable.</p> <ul style="list-style-type: none"> • Customer Reports No Hazard • Dog • Electric Fence • Customer Caution • Electrical Safety Issue • Asbestos Fuse • Asbestos Board • Not Known To Initiator <p>Any other hazards should be fully described, without using abbreviations. This information is permanent for the Site and can only be changed by a new <u>SiteAccessNotification</u>.</p>
<i>LastModifiedDateTime</i>	DATETIME	M	Date and time that the record was updated in the Initiator's system.
<i>EnergisationStatus</i>	VARCHAR(30)	O	<p>Describes the status at the Site. Allowable values:</p> <ul style="list-style-type: none"> • Active – <i>metering Installation</i> is energised • Not Connected – <i>Metering Installation</i> is not connected to the supply point • Denergised before meter – <i>metering Installation</i> is energised up to an isolation point prior to the <i>meter</i> • Denergised at Meter – <i>Metering Installation</i> is energised up to the <i>meter</i> • Denergised after the Meter – <i>Metering Installation</i> is energised. Denergisation is beyond the meter • Free Text

Field	Format	Use	Definition/Comments
<i>PrimaryVoltage</i>	VARCHAR(6)	R	Describes the <i>network primary voltage</i> the <i>metering installation</i> is connected to. Allowable values: <ul style="list-style-type: none"> • 230V • 400V • 11KV • 22KV • 33KV • 66KV • 132KV • Other HV
<i>Latitude</i>	NUMERIC (s2.7)	R	The angular measurement North or South of the equator in decimal degrees (to 7 decimal places). Angles South of the equator will be represented as negative values. E.g. -37.8886755
<i>Longitude</i>	NUMERIC (s3.7)	R	The angular measurement East or West of the prime meridian in decimal degrees (to 7 decimal places). Angles East of the Prime Meridian (e.g. Australia) will be represented as positive values. E.g. +145.1410361
<i>ExistingDefects</i>	VARCHAR(240)	R	Defects associated with the <i>metering point</i> .
<i>SpecialNotes</i>	VARCHAR(240)	O	Any special notes the Recipient wishes to convey to the Initiator.

5.5. LifeSupportNotification Data

Table 9: Data Requirements for LifeSupportNotification

Field	Format	Use	Definition/Comments
<i>NMI</i>	CHAR(10)	M	<i>NMI</i> .
<i>NMI Checksum</i>	CHAR(1)	O	NMI Checksum.
<i>SiteAddress</i>	ADDRESS	O	Site Address. Refer to B2B Procedure:Technical Delivery Specification
<i>Reason</i>	VARCHAR (40)	M	Allowable Values: <ul style="list-style-type: none"> • Update • Reconciliation

Field	Format	Use	Definition/Comments
<i>LifeSupportStatus</i>	VARCHAR (30)	M	<p>Allowable Values:</p> <ul style="list-style-type: none"> Registered - No Medical Confirmation Registered - Medical Confirmation with DNSP Registered – Medical Confirmation with Retailer Deregistered – No Medical Confirmation Deregistered – Customer Advice Deregistered – No Customer Response None <p>'None' means that the premises doesn't have a current Life Support requirement</p>
<i>DateRequired</i>	DATE	M/N	<p>For a registration of Life Support, this date will be either the current date or a future date.</p> <p>For a deregistration of Life Support, this will be either the current date or a retrospective date.</p> <p>For response to a Life Support Request, this will be the effective date of the Life Support registration in the participants system. Not required when <i>LifeSupportStatus</i> is None</p>
<i>LSEquipment</i>	VARCHAR(100)	R/N	<p>Allowable values:</p> <ul style="list-style-type: none"> Oxygen Concentrator Intermittent Peritoneal Dialysis Machine Kidney Dialysis Machine Chronic Positive Airways Pressure Respirator Crigler Najjar Syndrome Phototherapy Equipment Ventilator For Life Support Other <p>'Other' means an equipment that a registered medical practitioner certifies is required for a person residing at the customer's premises for life support and is not already listed above</p> <p>Not required when <i>LifeSupportStatus</i> is</p> <ul style="list-style-type: none"> Deregistered – No Medical Confirmation Deregistered – Customer Advice Deregistered – No Customer Response None

Field	Format	Use	Definition/Comments
<i>LSContactName</i>	PERSONNAME	R/N	<p>Must be the name of the person who is the contact for the management of Life Support requirements.</p> <p>Refer to B2B Procedure:Technical Delivery Specification</p> <p>Not required when <i>LifeSupportStatus</i> is</p> <ul style="list-style-type: none"> • Deregistered – No Medical Confirmation • Deregistered – Customer Advice • Deregistered – No Customer Response • None
<i>LSPostalAddress</i>	ADDRESS	R/N	<p>Must be the Customer's postal address for Life Support requirements.</p> <p>Refer to B2B Procedure:Technical Delivery Specification</p> <p>Not required when <i>LifeSupportStatus</i> is</p> <ul style="list-style-type: none"> • Deregistered – No Medical Confirmation • Deregistered – Customer Advice • Deregistered – No Customer Response • None
<i>LSPhoneNumber1</i>	TELEPHONE	R/N	<p>Must be the phone number of the person who is the contact for the management of Life Support requirements.</p> <p>Refer to B2B Procedure:Technical Delivery Specification</p> <p>Not required when <i>LifeSupportStatus</i> is</p> <ul style="list-style-type: none"> • Deregistered – No Medical Confirmation • Deregistered – Customer Advice • Deregistered – No Customer Response • None
<i>LSPhoneNumber2</i>	TELEPHONE	R/N	<p>Must be the phone number of the person who is the contact for the management of Life Support requirements.</p> <p>Refer to B2B Procedure:Technical Delivery Specification</p> <p>Not required when <i>LifeSupportStatus</i> is</p> <ul style="list-style-type: none"> • Deregistered – No Medical Confirmation • Deregistered – Customer Advice • Deregistered – No Customer Response • None

Field	Format	Use	Definition/Comments
<i>LSContaktEmailAddress</i>	VARCHAR(40)	R/N	<p>Must be the email address of the person who is the contact for the management of Life Support requirements where the initiator has obtained Explicit Informed Consent for the use of the email address.</p> <p>Not required when <i>LifeSupportStatus</i> is</p> <ul style="list-style-type: none"> • Deregistered – No Medical Confirmation • Deregistered – Customer Advice • Deregistered – No Customer Response • None
<i>PreferredContactMethod</i>	VARCHAR (20)	O	<p>Allowable values:</p> <ul style="list-style-type: none"> • Postal Address • Site Address • Email Address • Phone
<i>Special Notes</i>	VARCHAR (240)	O/M	<p>Any additional information the Initiator wishes to convey to the Recipient</p> <p>Mandatory when <i>LSEquipment</i> is Other</p>

5.6. LifeSupportRequest Data

Table 10: Data Requirements for LifeSupportRequest

Field	Format	Use	Definition/Comments
<i>NMI</i>	CHAR(10)	M	<i>NMI</i> .
<i>NMI Checksum</i>	CHAR(1)	O	NMI Checksum.

5.7. BusinessAcceptance/Rejection

Table 11: BusinessAcceptance/Rejection

Field	Structure	Use	Definition/Comments
<i>EventCode</i>	EVENTCODE	M	A code to indicate the reason for the rejection. Applicable Business Events are defined in Table 10.
<i>KeyInfo</i>	VARCHAR(10)	M	The <i>NMI</i> of the B2B Transaction being rejected.
<i>Context</i>	EVENTCONTEXT	O	The data element in the received Business Document (e.g. <i>HazardDescription</i>) that causes the Business Event.
<i>Explanation</i>	UNLIMITED VARCHAR	M/O	An explanation of the Business Event. Must be provided where the Business Event requires an <i>Explanation</i> .

5.7.1. Applicable Business Events

- Participants must use the most relevant Business Event. Where multiple *EventCodes* are applicable these may be provided.
- Where the *EventCode* is not in the aseXML reserved range (0-999), an *EventCodeDescription* must be included in the BusinessAcceptance/Rejection in accordance with the aseXML Guidelines.

Table 12: Business Events

Business Document	Business Signal	Business Event	Explanation Required	Severity	Event Code	Notes
<u>CustomerDetailsRequest</u>	<u>BusinessAcceptance/Rejection</u>	Participant is not authorised to receive the requested data	No	Error	1932	
<u>CustomerDetailsNotification</u>	<u>BusinessAcceptance/Rejection</u>	Data not fit for purpose. Details provided in <i>Explanation</i> .	Yes	Error	1970	Not applicable for <u>CustomerDetailsReconciliation</u> .
<u>SiteAccessRequest</u>	<u>BusinessAcceptance/Rejection</u>	Participant is not authorised to receive the requested data	No	Error	1932	
<u>SiteAccessNotification</u>	<u>BusinessAcceptance/Rejection</u>	Data not fit for purpose. Details provided in <i>Explanation</i> .	Yes	Error	1970	
All Notifications	<u>BusinessAcceptance/Rejection</u>	Recipient is not responsible for the supplied NMI.	Yes	Error	1923	
		Not Current FRMP	No	Error	1939	
		Data missing (mandatory fields). Details provided in <i>Explanation</i> .	Yes	Error	201	Standard aseXML.
		Invalid data. Details provided in <i>Explanation</i> .	Yes	Error	202	Standard aseXML. Not applicable for <u>CustomerDetailsReconciliation</u> .
<u>All</u>	<u>All</u>	Accept.	No	Information	0	Standard aseXML