NEM B2B Issue-Change Form

ISSUE / CHANGE FORM – SUMMARY SECTION *(Template focuses on issue/change identification and impact.)*

Issue Number (IEC Secretariat to complete)	B0002/22		
Version #	0.1		
Proponent Name	Aakash Sembey	**Company**	Origin Energy
Proponent Title	B2B & B2M field & field length alignment	**Proponent Contact No**	0460003901
Proponent email	aakash.sembey@ originenergy.com.au	**Date lodged with IEC**	28 November 2022
Procedure(s) or other documents Impacted	☒ B2B Procedure Customer and Site Details Notification Process ☒ B2B Procedure Service Order Process ☐ B2B Procedure Meter Data Process ☐ B2B Procedure One Way Notification Process ☒ B2B Procedure Technical Delivery Specification ☐ NEM RoLR Processes Part B ☐ B2B Guide ☐ Other, please specify:		
Areas Impacted	(I.e. Section No.) Technical Delivery Specification Procedures Service Order Procedures Customer And Site Details Notification Process		
Short Description / Title	B2B field lengths		
Other key contact information			

VERSION #	PRESENTED TO	DATE
0.1	*B2BWG*	*14th June 2022*
0.2	*B2BWG*	*12th July 2022*

ISSUE / CHANGE – DETAILED REPORT SECTION

1. Detailed description of Issue / Change	Unwanted inconsistent fields and field lengths have been identified between the Business-to-Market (B2M) and the Business-to-Business (B2B) schemas. Due to these inconsistencies, information may not be shared, or may be truncated, impacting key industry functions. For e.g., where a customer provides Hazard details to the retailer, the retailer would then forward this information to the applicable B2B Participants (e.g., Distribution Network Service Providers (DNSP) and Metering Providers (MP)) via: • Service Order Request transactions • Customer Site and Details transactions • Site Access Notification transactions These details would then be used to update the Market Settlements and Transfer Solution (MSATS). Should MSATS/B2M allow for a maximum field length of 100 characters and B2B only allow for 80 characters, this may create a mismatch which may impact core industry functions. To eliminate this risk, it is being recommended that B2M and B2B field lengths are aligned and kept in alignment.
2. Market Impact	Potential updates to AEMO and market Participant systems and processes to reflect and allow for new fields and field lengths.
3. Requirements / Specific Proposal	Ensure consistent fields and field lengths. **Technical Delivery Specifications:** • *HouseNumberTo* and *HouseNumberToSuffix* fields to be added in the ADDRESS as per r42 B2M schema format • *LocationDescriptor* to be updated from VARCHAR(30) to VARCHAR(200) *LocationDescriptor* | VARCHAR(30) | R | Defines the location descriptor as per Australian Standard AS4590-1999. This is a catch-all field for non-standard address information. **Service Order Procedures and CSDN Procedures:** B2B field lengths to be updated as per B2M field lengths (as they appear in these Procedures)

Field	B2M Field Length	B2B Field Length
HouseNumberTo	5	Field does not exist
DP Number	20	15
Section Number	20	15
Hazard	100	80
Location Descriptor	200	160

	• To align these fields, *FormReference* and *FormNumber* fields need to be updated from VARCHAR(15) to VARCHAR(20) to ensure DP Number and Section number fields are captured. • *HazardDescription* fields need to be updated from VARCHAR(80) to VARCHAR(100).
4. Proposed Solution/s	(Must address the B2B Procedures) To align the applicable B2B fields and field lengths in the B2B schema and the Information Exchange Committee (IEC) Procedures, to the equivalent B2M schema.
5. Law/Rule and clauses enabling change	(Must address head of power in governing law/rule) NER 7.17.4(f)-(r) Changing the B2B Procedures: B2B Procedure change process
6. B2B communication benefits	(Must address B2B Principles) B2B Principles B2B Procedures should: • provide a uniform approach to B2B Communications in participating jurisdictions; • detail operational and procedural matters and technical requirements that result in efficient, effective and reliable B2B Communications; • avoid unreasonable discrimination between B2B Parties; and • protect the confidentiality of commercially sensitive information. The proposed change supports the aforementioned B2B principles by: • Providing consistency in B2M and B2B fields • Providing consistency in B2M and B2B field lengths • Requesting these changes to be included in the next planned B2B schema release to minimise the cost of implementation.
7. Market benefits for industry as a whole	(Must address National Electricity Objective and/or National Energy Retail Objective requirements) NEO: the objective of this Law is to promote efficient investment in, and efficient operation and use of, electricity services for the long term interests of consumers of electricity with respect to: (a) price, quality, safety, reliability, and security of supply of electricity; and (b) the reliability, safety and security of the national electricity system. NERO: The objective of this Law is to promote efficient investment in, and efficient operation and use of, energy services for the long term interests of consumers of energy with respect to price, quality, safety, reliability and security of supply of energy. • More efficient sharing of information between Participants • Better quality data to support key Industry functions
8. Customer benefits (consumers)	A better customer experience as retailers will be able to provide accurate and complete data to the other B2B parties, e.g., site hazard details.

9. Consequence/Impact of issue not proceeding	Critical data will continue to not be provided, or potentially truncated, to other market participants.
10. Workaround/s (if necessary)	Manual email-based information provisioning.
11. Supporting Documentation (attach if necessary)	
12. Any critical timelines to consider?	Suggest this to be bundled with the next B2B schema release
13. IEC's preliminary assessment of the proposal	(This is to be left blank)

NEM ISSUE / CHANGE – RELEVANT ATTACHMENT(S)

ATTACHMENT A

Proposed changes: {*Procedure Name*}
~~Red strikeout~~ means delete and
blue underline means insert

Technical Delivery Specifications:

3.4. ADDRESS definition

Table 4 Address field definition

LocationDescriptor	~~VARCHAR(30)~~ VARCHAR(200)	R	Defines the location descriptor as per Australian Standard AS4590-1999. This is a catch-all field for non-standard address information.
HouseNumber	NUMERIC(5) IN RANGE: 0-99999	R	Defines the house number as per Australian Standard AS4590-1999. The combination of House Number and House Number Suffix may occur up to two times.
HouseNumberSuffix	VARCHAR(1)	R	Defines the house number suffix as per Australian Standard AS4590-1999. The combination of House Number and House Number Suffix may occur up to two times. This field may only contain alphanumeric characters.
HouseNumberTo	VARCHAR(5) IN RANGE: 0-99999	R	Defines the house number as per Australian Standard AS4590-1999
HouseNumberSuffixTo	VARCHAR(1)	R	Defines the house number as per Australian Standard AS4590-1999 This field may contain alphanumeric characters

CSDN Procedures:

5.4. SiteAccessNotification Data

Table 8: Data Requirements for SiteAccessNotification

HazardDescription	~~VARCHAR(80)~~ VARCHAR(100)	M	This field repeats to allow the reporting of multiple hazards. Standard values One or more of the following standard values can be used, where applicable. • Customer Reports No Hazard • Dog • Electric Fence • Customer Caution • Electrical Safety Issue • Asbestos Fuse • Asbestos Board • Not Known To Initiator 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 SiteAccessNotification.

Service Order Procedures

4.1. ServiceOrderRequest Transaction Data

HazardDescription	~~VARCHAR(80)~~ VARCHAR(100)	M	This field repeats to allow the reporting of multiple hazards. Standard values One or more of the following standard values can be used, where applicable. • Customer Reports No Hazard • Dog • Electric Fence • Customer Caution • Electrical Safety Issue • Asbestos Fuse • Asbestos Board • Not Known To Initiator 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 SiteAccessNotification.

FormReference	~~VARCHAR(15)~~ VARCHAR(20)	Reference to the forms associated with Supply Works Request and Meter Service Works. Refer to the Service Paperwork reference table in the B2B Guide. Not Required for a "Cancel" ServiceOrderRequest.
FormNumber	~~VARCHAR(15)~~ VARCHAR(20)	Where the form listed in *FormReference* is numbered, this field is populated with the number on the form. Not Required for a "Cancel" ServiceOrderRequest.