

# IMPACT & IMPLEMENTATION REPORT (IIR)

## Summary Section

<b>Issue number</b>	IN009-21, IN007-20, IN006-21, IN011-18 and IN010-22		
<b>Impacted jurisdiction(s)</b>	SA, Vic, NSW/ACT and Qld.		
<b>Proponent</b>		<b>Company</b>	AEMO
<b>Affected gas market(s)</b>	Retail	<b>Consultation process (ordinary or expedited)</b>	Ordinary
<b>Industry consultative forum(s) used</b>	GRCF	<b>Date industry consultative forum(s) consultation concluded</b>	Thursday, 11 August 2022
<b>Short description of change(s)</b>	Several minor documentation changes to the Technical Protocol (TP)		
<b>Procedure(s) or documentation impacted</b>	See section 2 of this IIR.		
<b>Summary of the change(s)</b>	The changes proposed in this Impact and Implementation Report (IIR) involve aligning documentation with existing operational processes, removing documentation duplication and minor rewording of some existing TP provision to harmonise with other jurisdictions.		
<b>IIR prepared by</b>	Danny McGowan	<b>Approved by</b>	Meghan Bibby
<b>Date IIR published</b>	16 August 2022	<b>Date consultation concludes</b>	13 September 2022
<b>Email address for responses</b>	<a href="mailto:grcf@aemo.com.au">grcf@aemo.com.au</a>		
<b>Other key contact information</b>			



## IMPACT & IMPLEMENTATION REPORT

### 1. DESCRIPTION OF ISSUE

The changes proposed in this IIR mostly involve aligning the documentation with existing operational processes. The changes involve minor rewording of some sections of the east coast Technical Protocols (TP) documents. Majority of the changes were raised during the implementation phase of the November 2021 Gas Retail Business-to-Business (B2B) system changes. There are also other changes, and these include removing documentation duplication and minor rewording of some existing provisions to harmonise with other jurisdictions. None of these changes alter any IT systems or any of the existing TP obligations placed on participants or AEMO.

Section 3 of this IIR contains a brief explanation of the specific changes. Attachment B of this IIR contains an extract of the TP showing the “marked up” amendments for each of the proposed changes.

#### **Submission instruction to this second stage consultation**

Anyone wishing to make a submission for this second stage consultation phase is requested to use the response template provided in Attachment A. Submissions close 13 September 2022 and should be e-mailed to [grcf@aemo.com.au](mailto:grcf@aemo.com.au).

### 2. REFERENCE DOCUMENTATION

- FRC B2B System Interface Definitions v4.9
- B2B Service Order Specification Part 1 v2.4
- B2B Service Order Specification Part 2 v3.4
- SA/WA Interface Control Document (ICD) v5.0
- Specification Pack Usage Guide v8.4
- Participant build pack 1 - Process flow table of transactions v3.8
- Participant build pack 1 - CSV format specifications v3.6
- Participant build pack 3 - B2B System Interface Definitions v3.8
- Participant build pack 5 - NSW-ACT v7.0
- Participant build pack 6 - NSW WW and T v5.0.

### 3. OVERVIEW OF CHANGES

At the Gas Retail Consultative Forum (GRCF) prioritisation session held in October 2021, participants supported AEMO’s proposal to collate several minor amendments to the east coast TPs into a single consultation. This single consultation initiative (IN009/21) was added to the GRCF 2022 work program.

The following is a brief explanation of each change, and the precise amendments are described in attachments B of this IIR.



- IN009/21 (Minor corrections following 29 November 2021 release). During the implementation phase of the gas retail business-to-business (B2B) system changes, several minor TP documentation errors were identified. In May 2021 a GRCF workshop was held whereby the GRCF compiled a list of “workarounds” to some anomalies in the TP documents. A list of these documentation anomalies and the industry-agreed workarounds can be found [here](#). The document errors for items # 1, 2, 4, 5, 6, 7, 10 and 11 are changes proposed in this PPC that will result in aligning the documentation with existing operational processes that were originally implemented as industry-agreed workarounds.
- IN007/20 (Add further clarity to the description of the T299 (Complete MIRN Listing) file). This proposal was raised by AGL as part of South Australia (SA) Retail Market Procedure (RMP) harmonisation changes (IN006/14). AGL suggested that for consistency the obligation to provide data fields is made consistent with the Western Australian drafting.
- IN006/21 (Remove SA documentation duplication in Specification Pack (SP) and Participant Build Pack (PBP)). This proposal was raised by AEMO. It was during the design phase of the 2021 gas retail market business-to-business (B2B) system change and aseXML schema uplift project (IN18/20), that AEMO identified that some SA sections of the SP B2B Service Order Specifications (Parts 1 and 2) document are replicated in other Technical Protocol (TP) documentation such as the FRC B2B Systems Interface Definitions and the Participant Build Pack 1 Process flow Table of Transactions / Job Enquiry Code tab. This proposal was discussed at the June 2022 GRCF meeting, whereby it was noted that no material issues were raised by participants and, therefore, AEMO determined that it would bundle these minor changes with other minor TP changes.
- IN011/18 (Remove unnecessary “quotations marks” from the NSW/ACT Participant Build Pack). This proposal was raised by Red and Lumo as part of the SA RMP harmonisation changes (IN006/14). Red and Lumo suggested that the quotation at beginning and end of sentence that signifies NSW/ACT differences in Participant Build Pack 1, 2 and 3 are unnecessary as the blue coloured text already does this. Also, the “quotations marks” aren’t applied consistently.
- IN010/22 (Add the “Two Wells” farm-tap identification code in the Interface Control Document and RMP SA)<sup>1</sup>. AEMO has identified that the RMP and SA/WA Interface Control Document (ICD) are out of sync with AEMO's systems. These documents need to be updated to include the Two Wells farm tap sub-net (id# 2161) so the documentation reflects our SA systems.

See attachment B of this IIR for details about the tracked changes between the current version and the proposed changes.

**IMPORTANT:** The scope of works is limited to the 5 initiatives described in this IIR. The scope does not include WA. The scope may be expanded to pick up other minor typographical errors that are identified. A holistic review of all sections for every jurisdiction’s Technical Protocol (TP) is out of scope for this consultation.

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<sup>1</sup> It is AEMO view that adding a sub-network to Heating Degree Day (HDD) zone or adding a gas zones code to a new farm tap sub-network does not require AEMO to follow the consultation process described in Part 15B of the National Gas Rule.



#### 4. LIKELY IMPLEMENTATION EFFECTS AND REQUIREMENTS

This is a documentation change only. There should be no system or business process implication for AEMO or Participants. The effect of implementation of these changes is:

- the documentation aligns with existing operational processes;
- enhances consistency between the regulatory frameworks for all retail gas markets; and
- furthers first steps towards simplifying the TP by removing duplication.

#### 5. OVERALL COST AND BENEFITS

As part of the PPC, participants were invited to provide feedback on AEMO views on the following costs and benefits.

In terms of the order of magnitude of this change, AEMO view was it is 'non-material' as they are they are documentation only.

In relation to costs, the changes are documentation only therefore no system or business process implication for Participants, therefore zero cost.

In relation to benefits, the proposed change will result in:

- the documentation properly reflecting operational practices;
- increased consistency within the retail gas regulatory framework;
- reduced costs in terms of AEMO having to spend less time maintaining the same information in multiple documents;
- more uniform RMP across all jurisdictions will reduce the complexities normally associated with entering gas retail markets, particularly for those retailers wanting to operate in more than one jurisdiction; and
- increased readability of the RMPs.

No participants opposed the AEMO position on this costs and benefits noted above therefore AEMO view is the benefits will outweigh the costs.

#### 6. AEMO'S ASSESSMENT OF THE PROPOSAL'S COMPLIANCE WITH SECTION 135EB:

As part of the first-round consultation (PPC), AEMO put forward the following assessment regarding compliance with section 135EB of the National Gas Rules:

Consistency with National Gas Law (NGL) and NGR

AEMO's view is that the proposed change is consistent with the NGL and NGR because the proposed change that properly reflects operational practices and promotes consistency across the four east coast jurisdictions.



National Gas Objective (NGO)	As outlined in Section 6, it is AEMO's view that this change removes any costs associated with unnecessary duplication. Also having uniform TPs across all jurisdictions is in the long-term interests of consumers as it promotes clarity and consistency for gas retail market participants.
Any applicable access arrangements	AEMO's view is that the proposed change is not in conflict with existing Access Arrangements.

No participant submitted any opposing views in relation to AEMO's assessment during the first-round consultation. AEMO therefore maintains its original assessment as described above.

## 7. CONSULTATION OUTCOMES

On 25 July 2022 AEMO published on its website a PPC that put forward changes to the TP in Attachment A. Registered participants and interested stakeholders were invited to make submissions which closed on 11 August 2022.

Submissions were received from Multinet Gas Networks, AGL, Origin Energy, AGN and Red/Lumo. Most of these submissions support the changes that were presented in the PPC. Some submissions identified some drafting errors which AEMO has corrected. Some submissions contained additional suggestions which AEMO also included. Some submissions suggested further changes that AEMO deemed wasn't within the scope this suite of changes or wasn't warranted therefore AEMO decided not to make those changes. See Attachment C for further information on the feedback received and AEMOs response to any specific issues or suggestions that were raised.

## IMPACT & IMPLEMENTATION REPORT – RECOMMENDATION(S)

### 8. SHOULD THE PROPOSED PROCEDURES BE MADE?

AEMO recommends making the changes proposed in Attachment B.

### 9. PROPOSED TIMELINES

Subject to all necessary approval's AEMO is targeting to implement this change in mid October 2022.

In order to achieve this timeline, AEMO proposes the following key milestones:

- Issue Impact and Implementation Report (IIR) on 16 August 2022
- Submission on IIR close 13 September 2022
- Issue AEMO decision late September 2022



## **ATTACHMENT A – IIR RESPONSE TEMPLATE**

A response template has been attached separately to this document. Anyone wishing to make a submission to this first stage consultation are to use this response template.

Submissions close 13 September 2021 and should be emailed to [grcf@aemo.com.au](mailto:grcf@aemo.com.au).



## ATTACHMENT B - DOCUMENTATION CHANGES - RMP

Draft versions of the RMPs (extract) showing tracked changes between the current version and the proposed changes are attached separately to this document. Blue underline means addition and ~~red-strikeout~~ means delete. **Yellow shade** shows the changes made post the PPC version.

## ATTACHMENT C – FEEDBACK GIVEN TO PPC

### Section 1 - General Comments on the Proposed Procedure Change

Topic	Ref #	Participant	Response	AEMO Response
Sections 1 to 9 of the PPC sets out details of the proposal.	1	Multinet Gas Networks	.	No response was received from MGN for this section.
Does your organisation support AEMO’s assessment of the proposal (IN009-21, IN007-20, IN006-21, IN011-18 and IN010-22)?  If not, please specify areas in which your organisation disputes AEMO’s assessment (include PPC section reference number) of the proposal and include information that supports your organisation’s rationale for not supporting AEMO’s assessment.	2	AGL	AGL believes that the process followed is appropriate. AGL supports the intent of the proposal, which is simplify and standardise the documentation.	AEMO notes AGL support for this proposal.
	3	Origin Energy	Yes. Please note minor clarification point in section 2 (Participant build pack 5 - NSW-ACT).	AEMO notes Origin Energy support for this proposal and has addressed the clarification issue.
	4	AGN	IN009-21 - AGN supports this, with minor adjustments as per below. IN007-20 – AGN supports this, with minor adjustments as per below. IN006-21 - AGN supports this, with minor adjustments as per below. IN011-18 – AGN supports this. IN010-22 –AGN supports this.	AEMO notes AGN support for this proposal and has addressed the minor adjustment suggestions.

	5	Red/Lumo.	<p>IN009-21 - Red Energy and Lumo Energy (Red and Lumo) have proposed minor additions to AEMO's assessment of the proposal and otherwise support it.</p> <p>IN007-20 – Red and Lumo do not support AEMO's assessment of the proposal and suggest an alternative that better aligns with Participant Build Pack 2: Usage Guide.</p> <p>IN006-21 - Red and Lumo have proposed minor additions to AEMO's assessment of the proposal and otherwise support it.</p> <p>IN011-18 – Red and Lumo agree with AEMO's assessment of the proposal.</p> <p>IN010-22 – Red and Lumo agree with AEMO's assessment of the proposal.</p>	<p>AEMO notes Red/Lumo support for this proposal and has addressed the minor additional suggestions.</p>
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Section 2 – Comments on the changes described in Section 3 of the Proposed Procedure Change

\*\*\*Participants are to complete the relevant columns below in order to record their response.\*\*\*

IN009-21 - Minor corrections following 29 November 2021 release

Participant build pack 3 - B2B System Interface Definitions

Ref#	Participant	RMP Clause #	Issue / Comment	Proposed text <u>Red strikeout</u> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
7	Multinet Gas Networks	4.7.2 LifeSupportNotification (T80 and T81)	<p>It was stated that the Schema Elements and usage was to be identical across both fuels for the Life Support Notification transaction. GRFC agreed to refer to usage notes in electricity documentation (B2B Procedure: Customer and Site Details Notification Process) to determine when each enumeration should be used, on the expectation that these usage notes will be copied over to gas documentation in 2022.</p> <p>The 'date required' field is listed as <b>optional</b> for gas but <b>Mandatory</b>, if life support update exists for electricity</p>	<p>This element needs to be updated as per Electricity</p>	<p>In relation to the "DateRequired" element, this is not an element that was listed in the document errors overlooked during the Q4 2021 Gas Retail B2B system changes consultations (Click <a href="#">here</a> to view) therefore any proposed changes are out of scope for this consultation.</p> <p>MGN raised this same comment as part of the feedback to the Proposed Procedures Change (PPC) for the during the gas life support initiative IN003-20. See attachment F, reference # 41 of the Impact and Implementation Report (IIR) for IN003-21. Click <a href="#">here</a> to view. AEMO's response then was, "The date is an optional value. It has been defined this way because it is not required when LifeSupportStatus is "None". This is how it is defined in the electricity B2B procedures.". AEMO maintains that our original response prevails. Also, the details on how DateRequired will be applied are</p>

			<p style="text-align: center;">PARTICIPANT BUILD PACK 3 - B2B SYSTEM INTERFACE DEFINITIONS</p>		<p>already described in Appendix A (Data Dictionary) A1 aseXML elements. The column titled "Description" includes the information how the element needs to be interpreted. Click <a href="#">here</a> to view Participant build pack 3 - B2B System Interface Definitions.</p> <p>If MGN believes this is a material issue, then MGN should raise a new Gas Market Issue (GMI).</p>
8	Multinet Gas Networks	4.7.2 LifeSupportNotification (T80 and T81)	<p>LS contact information elements also state the every element is required if Life support Status is Registered,</p>	<p>LSContactName O</p>	<p>In relation to the "LSContactName" "LSPostalAddress" "LSPhoneNumber1" "LSPhoneNumber2" "LSContactEmailAddress" elements, these are not elements that are listed in the document errors overlooked during the Q4 2021 Gas Retail B2B system changes consultations (Click <a href="#">here</a> to view) therefore these proposed changes are out of scope for this consultation. If MGN believe this is</p>

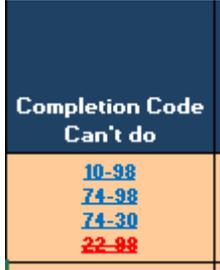


			<p><a href="#">LSContactName</a></p>	<p>Q</p>	<p>Required if LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Registered - No Medical Confirmation</li> <li>Registered - Medical Confirmation</li> </ul> <p>Must be the name of the person who is the contact for the management of Life Support requirements.</p> <p>Not required when LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Deregistered - No Medical Confirmation</li> <li>Deregistered - Customer Advice</li> <li>Deregistered - No Customer Response</li> <li>None</li> </ul>		<p>a material issue, then MGN should raise a new GMI.</p>
			<p>Doc Ref: 305133      30 September 2020-9 November 2021      Page 175 of 270</p>				
			<p><a href="#">LSPostalAddress</a></p>	<p>Q</p>	<p>Required if LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Registered - No Medical Confirmation</li> <li>Registered - Medical Confirmation</li> </ul> <p>Must be the Customer's postal address for Life Support requirements.</p> <p>Not required when LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Deregistered - No Medical Confirmation</li> <li>Deregistered - Customer Advice</li> <li>Deregistered - No Customer Response</li> <li>None</li> </ul>		
			<p><a href="#">LSPhoneNumber1</a></p>	<p>Q</p>	<p>Required if LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Registered - No Medical Confirmation</li> <li>Registered - Medical Confirmation</li> </ul> <p>Must be the phone number of the person who is the contact for the management of Life Support requirements.</p> <p>Not required when LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Deregistered - No Medical Confirmation</li> <li>Deregistered - Customer Advice</li> <li>Deregistered - No Customer Response</li> <li>None</li> </ul>		
			<p><a href="#">LSPhoneNumber2</a></p>	<p>Q</p>	<p>Required if LifeSupportStatus is</p> <ul style="list-style-type: none"> <li>Registered - No Medical Confirmation</li> <li>Registered - Medical Confirmation</li> </ul> <p>Must be the phone number of the person who is the contact for the management of Life Support requirements.</p> <p>Not required when LifeSupportStatus is</p>		

			 <p>This does not align to the electricity specifications as it make no mention of each element that they are required for any status and that only required if provided, the Gas PB3 document implies they must be supplied for every element</p>		
9	AGL		Change Supported		AEMO notes AGLs support.
10	Red/Lumo	4.7.2 LifeSupportNotifica tion (T80 and T81)	Item 1: Agreed, Item 2: Agreed, Item 10: Agreed.  Usage of Allowable Values should be published here		AEMO notes Red/Lumo agreement with the proposed changes.
11	Red/Lumo	4.7.3 LifeSupportReques t (T82 and T83)	Additional Item:  Reason for the LSR is also Mandatory and enumerated, therefore the Usage of the enumerated values should be present as <i>Allowable Values</i> .	<p><u>Allowable values:</u></p> <ul style="list-style-type: none"> <li>. <a href="#">Confirm Life Support</a></li> <li>. <a href="#">Data Quality Issue</a></li> <li>. <a href="#">No response to rejected LSN</a></li> <li>. <a href="#">Other</a></li> </ul>	AEMO does not support this additional item. The details contained in the Usage title in the column provide a reference to A1 AseXML Data Elements Participant Build Pack 3 B2B System Interface Definitions notes, which is where you can find details about the Allowable Value information. Also, the "Reason" element, this is not an element that was listed in the document errors overlooked during the Q4 2021 Gas Retail B2B system changes consultations

					(Click <a href="#">here</a> to view) and is therefore out of scope for this consultation.
12	Red/Lumo	4.2.2.1 ServiceOrderRequest	Item 5: Agreed		AEMO notes Red/Lumo agreement with the proposed changes.
FRC B2B System Interface Definitions					
13	Multinet Gas Networks		No comment		MGN no comment feedback is noted.
14	AGL		Change Supported		AEMO notes AGLs support.
15	Red/Lumo	Red/Lumo	4.7.2 LifeSupportNotification (T80 and T81)	Item 1: Agreed, Item 2: Agreed, Item 10: Agreed.  Usage of Allowable Values should be published here	AEMO notes Red/Lumo agreement with the proposed changes.
16	Red/Lumo	Red/Lumo	4.7.3 LifeSupportRequest (T82 and T83)	Additional Item:  Reason for the LSR is also Mandatory and enumerated, therefore the Usage of the enumerated values should be present as <i>Allowable Values</i> .	See AEMO response in ref # 11.
17	Red/Lumo		4.2.2.1 ServiceOrderRequest	Item 5: Agreed	AEMO notes Red/Lumo agreement with the proposed changes.
Participant build pack 5 - NSW-ACT					
18	Multinet Gas Networks		No comment		MGN no comment feedback is noted.

19	AGL		Change Supported		AEMO notes AGLs support										
20	Origin Energy	Appendix – H (Table of Transactions – Job Enquiry Codes – Job Completion	Item # 7 on the list of document anomalies It is unclear why 10-78 completion code has been removed.	Completion code - completed <a href="#">10-78</a> 22-78	It appears that AEMO has mistakenly deleted 10-78. This has now been corrected.										
21	AGN	14. Appendix H (Table of Transactions – Job Enquiry Codes – Job Completion Code Mappings)	DMS includes Completion Code Can't Do code 22-98 in error.  DMS codes should mirror those for UMS, as per the list of documentation anomalies, which does not include 22-98.	<table border="1"> <thead> <tr> <th>ENQUIRY CODE</th> <th>COMPLETION CODE COMPLETED</th> <th>COMPLETION CODE CAN'T DO</th> <th>COMPLETION CODE NO ACCESS</th> <th>COMPLETION CODE CANCEL</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>22-98</td> <td></td> <td></td> </tr> </tbody> </table>	ENQUIRY CODE	COMPLETION CODE COMPLETED	COMPLETION CODE CAN'T DO	COMPLETION CODE NO ACCESS	COMPLETION CODE CANCEL			22-98			See AEMO response in ref # 26.
ENQUIRY CODE	COMPLETION CODE COMPLETED	COMPLETION CODE CAN'T DO	COMPLETION CODE NO ACCESS	COMPLETION CODE CANCEL											
		22-98													
22	Red/Lumo	14. Appendix – H	Item 6: Agreed Item 7: Agreed		AEMO notes Red/Lumo agreement with the proposed changes.										
23	Red/Lumo	13. Appendix – G (Table of Transactions – Job Enquiry Codes)	Additional items: 1. Please standardise the font size across the table. See AML vs AMLN 2. Please insert a space in NSW Detail Description for AMLM 3. Please insert an apostrophe of ownership into customers in NSW Detail Description for DMS 4. Please amend the ALLCAPS content of the Note in NSW Detail Description for MAP, UMS and USR to standard text. 5. Please remove quotation marks from NSW Detail Description for MRMN, MRMU, MRMB, MRMI, MRMC	<p>1. AML vs AMLN</p> <p>2. AMLM Used to request attachment of Locks or Plugs (wad) to the meter which will prevent the use of gas. This is to be used when a retailer requests a site be disconnected when a customer moves out</p> <p>3. DMS To be used where a retailer requests a customer's meter to be downgraded</p> <p>4. <del>NOTE: MAY REQUIRE OTHER DISTRIBUTOR SPECIFIC FORM DEPENDING ON METER SIZE</del> <u>NOTE: May require other Distributor specific form depending on meter size</u></p> <p>5. e.g. "This is to be used when a Retailer has followed regulatory requirements and a customer has not contacted the retailer to set up an account."</p>	<p>AEMO has corrected the font size issue.</p> <p>AEMO has corrected added a "space" between the words "when" and "a".</p> <p>AEMO has added the apostrophe as suggested.</p> <p>AEMO has altered the capitalised text to standard text as suggested.</p> <p>AEMO has removed the unnecessary quotation marks as suggested.</p> <p>Please note – AEMO has not provided any examples showing the above changes because they are grammatical or style type changes.</p>										

Participant build pack 1 Process flow table of transactions					
24	Multinet Gas Networks		No comment		MGN no comment feedback is noted.
25	AGL		Change Supported		AEMO notes AGLs support.
26	AGN	Job Enquiry tab	<p>DMS includes Completion Code Can't Do code 22-98 in error.</p> <p>DMS codes should mirror those for UMS, as per the list of documentation anomalies, which does not include 22-98.</p>		<p>AEMO does not support the removal of 22-98. AEMO has used the column titled "Date tabled. Outcome, (agree/disagree/not resolved)" within the documentation errors list (Click <a href="#">here</a> to view) as the drafting instructions to prepare these changes. We noted item #6 stated mirroring UMS in DMS, but AEMO also noted outcome that stipulated that 22-98 is to be added to DMS in all jurisdictions.</p> <p>None of the other respondents to the consultation opposed the inclusion of 22-98 therefore AEMO maintains should be included as it was previously agreed.</p>
27	Red/Lumo	Process Flow Tables Ref No 80, 81, 82, 83	Item 4: Agreed Basic to be amended to Both.		AEMO notes Red/Lumo agreement with the proposed changes.
28	Red/Lumo	Job Enquiry Codes JEC = DMS	Item 6: Agreed Item 7: Agreed		AEMO notes Red/Lumo agreement with the proposed changes.

29	Red/Lumo	Job Enquiry Codes JEC = PRE	Additional Item: Please move PRE into alphabetical order, prior to RML	OTH RMLPRE PRERML RSD	AEMO has updated the document so that it is now in alphabetical order.
30	Red/Lumo	Job Enquiry Codes JEC = MRMB	Additional Item: DETAIL DESCRIPTION for JEC MRMB refers to customer contacting the customer, rather than customer contacting the retailer.	This is to be used when a retailer has followed regulatory requirements and a customer has not contacted the <b>customer</b> retailer to set up an account.	AEMO has corrected this error.
SA-WA Interface Control Document (ICD)					
31	Multinet Gas Networks		No comment		MGN no comment feedback is noted.
32	AGL		Change Supported		AEMO notes AGLs support.
33	Red/Lumo	8.1.7.2 Data Flow Definitions	Item 11: Agreed. AseXML version should be updated within transactions		AEMO notes Red/Lumo agreement with the proposed changes.

\*\*\*Participants are to complete the relevant columns below in order to record their response.\*\*\*

IN007-20 – Add further clarity to the description of the T299 (Complete MIRN Listing) file.

Participant build pack 1 - CSV format specifications

Ref	Participant	RMP Clause #	Issue / Comment	Proposed text <del>Red-strikeout</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
34	Multinet Gas Networks		No comment		MGN no comment feedback is noted.
35	AGL		Change Supported		AEMO notes AGLs support.
36	AGN	6.13	T299 complete MIRN listing requirements. The WA drafting is not completely appropriate for the east coast. A MIRN status of Decommissioned can also include situations where the meter has been removed (eg. making safe in an emergency, missing/stolen meter).	<b>The distributor must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed) or Decommissioned (<u>meter removed</u> or meter installed but delivery point is disconnected).</b>	Having reviewed the Decommission term used in the Retail Market Procedures (RMP) AEMO agrees with AGN's proposal to add "meter removed" to the Decommissioning reference. AEMO has made this change.

37	Red/Lumo	6.13 Complete MIRN Listing (T299)	<p>Red and Lumo do not support the suggestion that data must be supplied 'irrespective of whether the data field is designated as (Optional)'. If there is context for the field to be Mandatory/Optional then this should be described in the Usage column as per the Interface Definitions (2.2.3) within PARTICIPANT BUILD PACK 2: USAGE GUIDE</p> <p><i>... Every Data Element is associated with the Mandatory/Optional attribute used to indicate whether the data element must or may be present in the transaction. In some cases, the data element Usage column specifies the context in which the data element can be considered mandatory or optional.</i></p>	<p><del>The Distributor must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed) or Decommissioned (meter removed) in the encrypted format described below (see Redf [5] 3-3-1A).</del></p> <p><del>The Distributor must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed) or Decommissioned (meter installed but delivery point is disconnected). The Distributor must ensure that all data fields as per Transaction 299 that are available in their database are transferred to the Complete MIRN listing as shown in the table for T299.</del></p> <table border="1" data-bbox="1104 469 1621 762"> <thead> <tr> <th colspan="3">TRANSACTION 299</th> </tr> <tr> <th>Heading/Column designator</th> <th>Mandatory / Optional</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>MIRNChecksum</td> <td>M</td> <td>Must be present</td> </tr> <tr> <td>FlatOrUnitType</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> <tr> <td>FlatOrUnitNumber</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> <tr> <td>---</td> <td>---</td> <td>---</td> </tr> </tbody> </table>	TRANSACTION 299			Heading/Column designator	Mandatory / Optional	Comment	MIRNChecksum	M	Must be present	FlatOrUnitType	O	'M' where available in the distributor database	FlatOrUnitNumber	O	'M' where available in the distributor database	---	---	---	<p>AEMO view is the last sentence sufficiently describes the Distributors obligation to provide the data and therefore doesn't believe Red/Lumo suggestion isn't warranted.</p>
TRANSACTION 299																							
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MIRNChecksum	M	Must be present																					
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38	Multinet Gas Networks		No comment		MGN no comment feedback is noted.																		
39	AGL		Change Supported		AEMO notes AGLs support.																		
40	AGN	6.13	<p>T299 complete MIRN listing requirements.</p> <p>The WA drafting is not completely appropriate for the east coast.</p> <p>A MIRN status of Decommissioned can also include situations where the meter has been removed (eg. making safe in an emergency, missing/stolen meter).</p>	<p>The distributor must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed) or Decommissioned (meter removed or meter installed but delivery point is disconnected).</p>	See AEMO response for # 36.																		

41	Red/Lumo	Complete MIRN Listing (T299) - (For SA)	<p>Red and Lumo do not support the suggestion that data must be supplied 'irrespective of whether the data field is designated as ( optional)'. If there is context for the field to be Mandatory/Optional then this should be described in the Usage column in a similar manner to the requirement for RB_Reference_Number as described in FRC B2B SYSTEM INTERFACE DEFINITIONS below;</p> <table border="1" data-bbox="517 480 1061 1066"> <thead> <tr> <th colspan="3">Transaction: MeterDataNotification</th> </tr> <tr> <th>Heading</th> <th>Victoria &amp; SA/WA Mandatory /Optional</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>RB_Reference_Number</td> <td>O</td> <td>The element is always Required if the User initiated the service order and provided the RB_Reference Number.</td> </tr> </tbody> </table>	Transaction: MeterDataNotification			Heading	Victoria & SA/WA Mandatory /Optional	Comment	---	---	---	RB_Reference_Number	O	The element is always Required if the User initiated the service order and provided the RB_Reference Number.	<p><b>The Network Operator must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed) or Decommissioned (meter removed)</b></p> <p><b>The Network Operator must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed) or Decommissioned (meter installed but delivery point is disconnected). The Distributor must ensure that all data fields as per Transaction 299 that are available in their database are transferred to the Complete MIRN listing as shown in the table for T299.</b></p> <table border="1" data-bbox="1102 472 1621 879"> <thead> <tr> <th colspan="3">TRANSACTION 299</th> </tr> <tr> <th>Heading/Column designator</th> <th>Mandatory/ Optional</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>MIRNChecksum</td> <td>M</td> <td>Must be present</td> </tr> <tr> <td>FlatOrUnitType</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> <tr> <td>FlatOrUnitNumber</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> <tr> <td>---</td> <td>---</td> <td>---</td> </tr> <tr> <td>Address3</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> </tbody> </table>	TRANSACTION 299			Heading/Column designator	Mandatory/ Optional	Comment	MIRNChecksum	M	Must be present	FlatOrUnitType	O	'M' where available in the distributor database	FlatOrUnitNumber	O	'M' where available in the distributor database	---	---	---	Address3	O	'M' where available in the distributor database	See AEMO response in ref #37.
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42	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.																																	
43	AGL		Change Supported		AEMO notes AGLs support.																																	

44	Red/Lumo	5.11 Complete MIRN Listing (Ref 299)	<p>Red and Lumo do not support the suggestion that data must be supplied 'irrespective of whether the data field is designated as O (optional)'. If there is context for the field to be Mandatory/Optional then this should be described in the Usage column as per the Interface Definitions (2.2.3) within PARTICIPANT BUILD PACK 2: USAGE GUIDE.</p> <p>Red and Lumo also disagree with the suggestion that a MIRN may be 'Unclaimed'. There should be no Unclaimed MIRN after the reconciliation undertaken with the commencement of NARGP.</p>	<p>The Network Operator must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned (meter installed), <b>Unclaimed</b> or Decommissioned (meter removed) in the encrypted format below (see RMP Ref 5.2.2). The Network Operator must ensure that all data fields as per Transaction 299 that are available in their database are transferred to the Complete MIRN listing as shown in the table for T299.</p> <table border="1" data-bbox="1106 370 1621 778"> <thead> <tr> <th colspan="3">TRANSACTION 299</th> </tr> <tr> <th>Heading/Column designator</th> <th>Mandatory/ Optional</th> <th>Comment</th> </tr> </thead> <tbody> <tr> <td>MIRNChecksum</td> <td>M</td> <td>Must be present</td> </tr> <tr> <td>FlatOrUnitType</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> <tr> <td>FlatOrUnitNumber</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> <tr> <td>...</td> <td>...</td> <td>...</td> </tr> <tr> <td>Address3</td> <td>O</td> <td>'M' where available in the distributor database</td> </tr> </tbody> </table>	TRANSACTION 299			Heading/Column designator	Mandatory/ Optional	Comment	MIRNChecksum	M	Must be present	FlatOrUnitType	O	'M' where available in the distributor database	FlatOrUnitNumber	O	'M' where available in the distributor database	...	...	...	Address3	O	'M' where available in the distributor database	<p>See AEMO response in ref #37.</p> <p>In relation to deleting the reference to "unclaimed" because the scope of this initiative is about harmonising technical protocols, deleting an existing allowable MIRN status is not within the scope of this change, therefor AEMO does not support this change.</p>
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45	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.																					
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47	Red/Lumo		<p>Red and Lumo do not support the suggestion that data must be supplied 'irrespective of whether the data field is designated as ( optional)'. If there is context for the field to be Mandatory/Optional then this should be described in the Usage column as per the Interface Definitions. (2.2.3) within PARTICIPANT BUILD PACK 2: USAGE, GUIDE</p>	<p>The Network Operator must make available to Retailers a listing of all distribution metering supply points that have a MIRN assigned and a MIRN status of either Registered (up stand installed), Commissioned, (meter installed), or Decommissioned (meter removed) in the encrypted format below (see RMP Ref 5.2.2). The Network Operator, must ensure that all data fields as per Transaction 299 that are available in their database</p>	<p>See AEMO response in ref #37.</p>																					

			are transferred to the Complete MIRN listing as shown in the table for T299.	
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\*\*\*Participants are to complete the relevant columns below in order to record their response.\*\*\*

IN006-21 - Remove SA documentation duplication in Specification Pack (SP).					
B2B Service Order Specification Part 1					
		RMP Clause #	Issue / Comment	Proposed text <del>Red-strikeout</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only)
48	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.
49	AGL	Appendix A	Grammar – Job Completion Code 1 – missing ‘to’	In relation <u>to</u> WA	This relates to appendix A of the FRC B2B System Interface Definitions. AEMO has added the missing word “to” in the first sentences.
B2B Service Order Specification Part 2					
50	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.
51	AGL		Change Supported		AEMO notes AGLs support.
FRC B2B System Interface Definitions					
52	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.
53	AGL		Change Supported		AEMO notes AGLs support.



54	AGN	Appendix A CSV Elements Page 200	<p>The missing additional wording i.e.,” (For SA, used for Scheduled Read MDN’s)” has been added to reason code SRF incorrectly. It should be added to reason code SCH.</p> <p>PPC ‘Attachment A’ document (showing Incorrect change).</p> <p><b>CSV Data Elements</b></p> <table border="1"> <thead> <tr> <th>CSV Element Name</th> <th>Element Name</th> <th>Description</th> <th>Attribute Format</th> <th>Logical Length/Default Length</th> <th>Allowed Values</th> </tr> </thead> <tbody> <tr> <td>Reason_Sr_Code</td> <td>Meter Read Reason Code</td> <td>What type of Special Read is to be performed.</td> <td>String</td> <td>10</td> <td>SRF = Special Read (For SA, used for Scheduled Read MDN) SRH = Special Reference Read SRM = Special Account Investigation SRD = Special Disconnection SRF = Special Transfer Read SRP = Special Cycle Read SRM = Meter Installation Read (For SA, used for MCH, MCH, MCH, MRF and MRR) SRM = Meter Remove (For SA, used for MCH, MCH and MCH) SRM = Other Service Order (For SA, all other Reason Codes other than the above mentioned ones) MDV = Meter Data Verify (readout) For gas only used in Scheduled Reads (SRP) For all details of usage of Reason_Sr_Code, see the Enquiry Code (EMCA) in the Information Pack. SRM is the change code as part of a Service Order Process.</td> </tr> <tr> <td>Relate_Code</td> <td>Relate Code</td> <td></td> <td>Char</td> <td>4</td> <td></td> </tr> </tbody> </table>	CSV Element Name	Element Name	Description	Attribute Format	Logical Length/Default Length	Allowed Values	Reason_Sr_Code	Meter Read Reason Code	What type of Special Read is to be performed.	String	10	SRF = Special Read (For SA, used for Scheduled Read MDN) SRH = Special Reference Read SRM = Special Account Investigation SRD = Special Disconnection SRF = Special Transfer Read SRP = Special Cycle Read SRM = Meter Installation Read (For SA, used for MCH, MCH, MCH, MRF and MRR) SRM = Meter Remove (For SA, used for MCH, MCH and MCH) SRM = Other Service Order (For SA, all other Reason Codes other than the above mentioned ones) MDV = Meter Data Verify (readout) For gas only used in Scheduled Reads (SRP) For all details of usage of Reason_Sr_Code, see the Enquiry Code (EMCA) in the Information Pack. SRM is the change code as part of a Service Order Process.	Relate_Code	Relate Code		Char	4		<p>The below table appears in the B2B Service Order Specifications Part 1 document on page 7 showing additional wording for SCH not SRF.</p> <p>B2B Service Order Specifications, Pt 1</p> <p><b>Service Order Response Elements - South Australia</b></p> <table border="1"> <tbody> <tr> <td>NewM BasicMeter/ ScheduledReading/Day/Number</td> <td>Required for Meter Fix (Job Enquiry Code = "MFX")</td> </tr> <tr> <td>CurrentMeterRead/Current/ Index/Value</td> <td>Required whenever a validated meter read is taken as part of the Service Order completion. If supplied will result in the provision of energy data for this MERN via a MeterDataNotification transaction.</td> </tr> <tr> <td>DataOAResponse/Access</td> <td>Required for No Access response</td> </tr> <tr> <td>JobCompletionCode1</td> <td>Required if Service Order completed or attempted with No Access</td> </tr> <tr> <td>JobCompletionCode2</td> <td>Required if Service Order completed or attempted with No Access</td> </tr> <tr> <td>JobCompletionCode3</td> <td>Required whenever a meter is removed as part of the Service Order. Optional for other Service Order completion.</td> </tr> <tr> <td>Reading/Value/Zone</td> <td>Not included in SA</td> </tr> <tr> <td>Transmission/Zone</td> <td>Not included in SA</td> </tr> <tr> <td>Distribution/Tariff</td> <td>Not included in SA</td> </tr> <tr> <td>Event</td> <td>May be repeated any number of times. The Event element will identify any errors occurring in the processing of the request record.</td> </tr> </tbody> </table> <p><b>Read Reason Codes</b></p> <table border="1"> <tbody> <tr> <td>SCH = Schedule Cycle Read (replaces if no access)</td> <td>Only used for Scheduled Read MDNs</td> </tr> <tr> <td>INI = Meter Installation Read</td> <td>Used in MFX, MCH, MRF, MRR</td> </tr> <tr> <td>REM = Meter Remove</td> <td>Used in MRFM, MCH</td> </tr> <tr> <td>OSO = Other Service Order</td> <td>All other Service Order types other than above mentioned</td> </tr> <tr> <td>MDV = Meter Data Verify (residual)</td> <td>Only used for MeterDataVerify MDNs</td> </tr> </tbody> </table> <p>The following Read Reason Codes are not used in Service Order processes but only for Special Read</p>	NewM BasicMeter/ ScheduledReading/Day/Number	Required for Meter Fix (Job Enquiry Code = "MFX")	CurrentMeterRead/Current/ Index/Value	Required whenever a validated meter read is taken as part of the Service Order completion. If supplied will result in the provision of energy data for this MERN via a MeterDataNotification transaction.	DataOAResponse/Access	Required for No Access response	JobCompletionCode1	Required if Service Order completed or attempted with No Access	JobCompletionCode2	Required if Service Order completed or attempted with No Access	JobCompletionCode3	Required whenever a meter is removed as part of the Service Order. Optional for other Service Order completion.	Reading/Value/Zone	Not included in SA	Transmission/Zone	Not included in SA	Distribution/Tariff	Not included in SA	Event	May be repeated any number of times. The Event element will identify any errors occurring in the processing of the request record.	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CSV Element Name	Element Name	Description	Attribute Format	Logical Length/Default Length	Allowed Values																																																
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57	AGN	Page 7 (2. Overview of the AEMO Specification Pack).	Please correct spelling error "elemnts' as highlighted in screen image.	<p><b>Specification Pack Usage Guide – Extract only</b></p> <p><b>2. Overview of the AEMO Specification Pack</b></p> <p>The following table provides an overview of the AEMO Specification Pack. The documents are provided in a directory structure as follows:</p> <table border="1"> <thead> <tr> <th>Main Directory</th> <th>Sub-Directory</th> <th>Documents</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td rowspan="8">Specification Pack</td> <td>1. Usage Guidelines</td> <td>Specification Pack Usage Guidelines</td> <td>8.24</td> </tr> <tr> <td>2. Interface Control Document (ICD)</td> <td>Interface Control Document</td> <td>5.0</td> </tr> <tr> <td>3. B2B System Interface Definitions</td> <td>FRC B2B System Interface Definitions</td> <td>4.9.0</td> </tr> <tr> <td rowspan="2">4. Transport Layer</td> <td>FRC B2M-B2B Hub System Specifications</td> <td>3.9</td> </tr> <tr> <td>FRC B2M-B2B Hub System Architecture</td> <td>3.6</td> </tr> <tr> <td>5. CSV File Format</td> <td>FRC CSV Data Format Specification</td> <td>3.3</td> </tr> <tr> <td>6. Connectivity and Technical Certification (WA Only)</td> <td>Connectivity Testing and Technical Certification (WA Only)</td> <td>3.7</td> </tr> <tr> <td>7. Readiness Criteria (WA Only)</td> <td>Readiness Criteria (WA Only)</td> <td>2.3</td> </tr> <tr> <td>8. Service Order Specifications</td> <td>B2B Service Order Specifications Part 1 (WA only) and Part 2 (WA only) <a href="#">For SA Participant Build Pack 1 - Table of Transaction Job Enquiry Codes following Elements tab along the Job Enquiry Code 1, 2 and 3 elements.</a></td> <td>2.49 and 3.42</td> </tr> </tbody> </table>	Main Directory	Sub-Directory	Documents	Version	Specification Pack	1. Usage Guidelines	Specification Pack Usage Guidelines	8.24	2. Interface Control Document (ICD)	Interface Control Document	5.0	3. B2B System Interface Definitions	FRC B2B System Interface Definitions	4.9.0	4. Transport Layer	FRC B2M-B2B Hub System Specifications	3.9	FRC B2M-B2B Hub System Architecture	3.6	5. CSV File Format	FRC CSV Data Format Specification	3.3	6. Connectivity and Technical Certification (WA Only)	Connectivity Testing and Technical Certification (WA Only)	3.7	7. Readiness Criteria (WA Only)	Readiness Criteria (WA Only)	2.3	8. Service Order Specifications	B2B Service Order Specifications Part 1 (WA only) and Part 2 (WA only) <a href="#">For SA Participant Build Pack 1 - Table of Transaction Job Enquiry Codes following Elements tab along the Job Enquiry Code 1, 2 and 3 elements.</a>	2.49 and 3.42	AEMO has corrected the spelling of the word element.
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58	Red/Lumo	3.8. Service Order Specifications	Any reference to the Job Completion Codes (JCC) is redundant as the B2B Service Order Specification Part 2 advises that the JCC are for SA only.	<p><b>3.8. Service Order Specifications (WA only)</b></p> <p>The B2B Service Order Specifications define the detailed usage of Job Enquiry Codes and Job Completion Codes. The Service Order Specifications are in two parts:</p> <ol style="list-style-type: none"> <li>Detailed definitions of usage of data elements for different Job Enquiry Codes (Word document).</li> <li>Definitions of Job Enquiry Codes in WA are implied from their use in the Job Enquiry Codes worksheet and the associated Job Completion Codes (Excel file)</li> </ol>	AEMO does not support this change because it's not within the scope of works for this consultation as the change has Western Australia (WA) consequences and therefore a WA consultation would be required.																															
Participant build pack 1 Process flow table of transactions																																				
59	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.																															
60	AGL		Change Supported		AEMO notes AGLs support.																															
Participant build pack 3 - B2B System Interface Definitions																																				
61	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.																															

62	AGL		Change Supported		AEMO notes AGLs support.

\*\*\*Participants are to complete the relevant columns below in order to record their response.\*\*\*

IN011-18 – Remove unnecessary “quotations marks” from the NSW/ACT Participant Build Pack

Participant build pack 5 - NSW-ACT

Ref#	Participant	RMP Clause #	Issue / Comment	Proposed text <del>Red</del> means delete and <u>blue</u> means insert	AEMO Response (AEMO only)
63	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.
64	AGL		Change Supported		AEMO notes AGLs support.
Participant build pack 6 - NSW WW and T					
65	Multinet Gas Networks		No Comment		MGN no comment feedback is noted.
66	AGL		Change Supported		AEMO notes AGLs support.

\*\*\*Participants are to complete the relevant columns below in order to record their response.\*\*\*

IN010-22 – Add the “Two Wells” farm-tap identification code in the Interface Control Document

SA-WA Interface Control Document (ICD)

		RMP Clause #	Issue / Comment	Proposed text <del>Red strikeout</del> means delete and <u>blue underline</u> means insert	AEMO Response (AEMO only).
67	Multinet Gas Networks		No comment		MGN no comment feedback is noted.
68	AGL		Change Supported		AEMO notes AGLs support.
<b>Retail Market Procedures (SA)</b>					
69	Multinet Gas Networks		No comment		MGN no comment feedback is noted.
70	AGL		Change Supported		AEMO notes AGLs support.
71	Red/Lumo	1.6. Sub-networks, gas zones, gate points and HDD zones	(c) Upon receipt of notification under paragraph (b), AEMO must verify the establishment of the new sub-network, and, if satisfied with its verification, must make available to each Participant, transmission pipeline operator and shipper an updated list of sub-networks that includes the new sub-network and any new gas zones or gate points, their respective identifying codes and the HDD zone for each new gas zone. To ensure the most efficient outcomes Red and Lumo would like AEMO to confirm what actions have been taken to ensure that future updates to sub-networks or a HDD zone will be communicated appropriately.		AEMO is unable to provide any details on how the Two Wells farm tap documentation error occurred as it predates July 2009, hence, AEMO was not the market operator.  AEMO has stringent change control mechanisms that must be adhered to before IT systems and technical protocols are amended. To date, there has been on further lapses in communicating new sub-networks since AEMO acquired the market operator role in July 2009. Testimony to this is AEMO has just advised the GRCF of an emerging new subnet in SA which will be discussed at the August 2022 GRCF meeting.

