

IMPACT & IMPLEMENTATION REPORT (IIR)

Issue number	IN002/15W and IN026/15		
Impacted jurisdiction(s)	<ul style="list-style-type: none"> • New South Wales–Australian Capital Territory • Queensland • South Australia • Victoria • Western Australia 		
Proponent	Joe Sanches and Mark Riley	Company	ATCO Gas and AGL
Affected gas market(s)	<ul style="list-style-type: none"> • Retail 	Consultation process (ordinary or expedited)	Ordinary
Industry consultative forum(s) used	GRCF	Date industry consultative forum(s) consultation concluded	Friday, 4 September 2020
Short description of change(s)	Add new JECs and JEC sub-codes to WA and east-coast retail gas markets		
Procedure(s) or documentation impacted	See Section 2		
Summary of the change(s)	Add new Service Order Job Enquiry Codes (JECs) to the existing JEC enumeration list and adopt the applicable new aseXML schema version that contains the modified JEC enumeration list		
IIR prepared by	Arjun Pathy	Approved by	Michelle Norris
Date IIR published	22 September 2020	Date consultation concludes	20 October 2020
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IMPACT & IMPLEMENTATION REPORT

CRITICAL EXAMINATION OF PROPOSAL

1. DESCRIPTION OF ISSUE

1.1. New Job Enquiry Codes (JEC) in West Australian (IN002/15W)

1.1.1. New JECs for Trailer Air Coupling (TAC) isolation device

ATCO Gas Australia (ATCO) is the owner and operator of the WA gas distribution network. Among the available services performed at Users' requests, ATCO disconnects (and subsequently reconnects) a small use customer as follows:

- (a) Disconnect a Delivery Point – by physically disconnecting a delivery point to prevent gas from being delivered to the delivery point.
- (b) Reconnect a Delivery Point – by physically reconnecting a delivery point to allow gas to be delivered to the delivery point.

The current method used to disconnect a Delivery Point involves the physical removal of the pressure regulator at the inlet to the meter and the fitting of two physical barriers, one at the meter control valve (MCV) and one at the meter inlet port.

Recently, ATCO successfully completed a trial of a new disconnection method, which involves the application of a Trailer Air Coupling (TAC) isolation device after the pressure regulator has been removed. This new TAC method is intended to be used after a Remove Regulator Service Order Request (for which the JEC is MRM) transaction but before a Disconnect in Street transaction (for which the JEC is DSD), subject to the meter's remaining accessible.

In order to activate this new TAC disconnection method, ACTO has proposed that the following two new JECs be added to the aseXML enumerated list and that these new JECs be prescribed in the Specification Pack as "allowable" JEC values in the WA gas retail market:

- TCI - Install Trailer Air Coupling to stop supply of gas
- TCR - Remove Trailer Air Coupling to allow gas to flow

1.1.2. New JECs (specific sub-codes) for AML (Attach meter lock), DSD (Disconnect in Street) MRM (Regulator Removal Request) and TCI (Trailing air Coupling Installation)

At a workshop held on the 30 July 2020, AGL proposed that the fourth character of existing JECs should be utilised to convey the reason why a JEC is being sent for AML (Attach meter lock), DSD (Disconnect in Street) MRM (Regulator Removal Request) and TCI (Trailing air Coupling Installation). Section 1.2.2 of this IIR provides further information on the specific characteristics of AGL's proposal.

Following this workshop, a collaborative effort was undertaken by several stakeholders to develop the technical protocols (TPs) that describe in detail how the new JEC will be applied. These draft TPs were circulated to ATCO for review. ATCO agreed that the TPs encapsulated the requirements and supported the new JECs (specific sub-codes) for AML, DSD, MRM, and TCI.

Section 1.3 of this IIR contains a full list of the new JECs (including those described in section 1.1.1) that will be prescribed in the Specification Pack as "allowable" JEC values in the WA gas retail market, should this change be approved.

For further information about this proposal in terms of issues, benefits and materiality please refer to the workshop slides (see Attachment D).



1.2. New JECs in east-coast jurisdictions (IN026/15W)

1.2.1. New JECs for Downgrade Meter (DMS) and Request for a pressure change at the meter (PRE)

During the NSW/ACT Retail Gas Project (NARGP), it was identified that the existing list of valid JECs used within the Service Order Request and Service Order Response transactions was limited. Having a limited choice of JECs means that participants often use the JEC value “OTH” (Other) and the special comment field to communicate what field work needs to be performed, as opposed to having a designated JEC for the specific use cases. Examples include:

- Meter size downgrade request
- Change the meter regulator

Because of NARGP timing constraints the GRCF decided at the time to “park” the idea of adding of new JECs until an uplift of the aseXML schema emerged. Given the ongoing package of work surrounding Gas Life Support (GLS) and the associated uplift of the aseXML schema version, AGL proposed a reinvestigation of the east coast JECs and whether the GRCF should bundle these new JEC codes into the GLS release, which is currently targeted for Q4 2021.

At a workshop held on the 30 July 2020, Retailer and Distributors generally agreed that “OTH” was overused and that adding new JECs could be beneficial.

Following the 30 July 2020 workshop, a collaborative effort was undertaken by several stakeholders to determine which new JECs would be beneficial in terms of reducing the overuse of the “OTH” JEC. It was determined that the following two new JECs be added to the aseXML enumerated list and that these new JECs be prescribed in each east-coast judications TPs as “allowable” JEC values:

- DMS - Downgrade Meter
- PRE - A request for a pressure change at the meter

For further information about this proposal in terms of issues, benefits and materiality please refer to the workshop slides (Attachment D).

1.2.2. New JECs (specific sub-codes) for AML (Attach meter lock), DSD (Disconnect in Street) and MRM (Regulator Removal Request)

At a workshop held on the 30 July 2020, AGL proposed that fourth character of existing JECs should be utilised to convey the reason why a JEC is being sent.

The current process of conveying reasons why a JEC is being sent involves adding such information a special comments field as a free-format text. The information often contains the driver behind the request (such as whether the request is driven by customer move-out or by disconnection for non-payment, for example), given the Australian Energy Regulator and Essential Services Commission require periodic reporting on this information. Extracting and examining the content of the special comments field to determine reason why a de-energisation request is problematic and labour-intensive for Retailers and Distributors.

The existing de-energisation JECs are AML, DSD and MRM. Under the proposal, these JECs will be retained, but with the following reason sub-codes (fourth character) added to indicate the reason behind the de-energisation:

- “N” – Non-payment
- “U” – Unauthorised usage
- “B” – Breach of contract



- “I” – Illegal usage
- “C” – Customer request
- “M” – Move out

For further information about this proposal in terms of issues, benefits and materiality, please refer to the slides from the 30 July 2020 workshop (Attachment D).

Following a workshop a collaborative effort was undertaken by several stakeholders to develop draft TPs, which describe in detail how the new JEC will be applied. These draft TPs were circulated to Distributors for review. All Distributors agreed that the TPs encapsulated the requirements. All Distributors except Jemena Gas Networks (JGN) expressed support for the new JECs. JGN’s support was limited to the new JEC sub-codes for AMLs, noting that it was not supportive of AMLB (breach of contract) and AMLM (move-out).

Section 1.3 of this IIR contains a full list of the new JECs (including those described in section 1.1.2) that will be prescribed in the TPs as “allowable” JEC values in east-coast gas retail market, should this change be approved.

1.3. Move JEC enumerations to a non-versioned aseXML enumerations list

The aseXML schema contains many type definitions that are constrained as enumerations (i.e. are versioned in an aseXML version number, such as ‘r38’). These versioned enumerations can only be changed as part of the full schema change process, which can lead to long delays in the ability of gas retail market transactions to adapt to new market conditions as identified by participant requests through the GRCF.

The aseXML schema also contains other types of definitions that are less constrained enumerations (non-versioned). These enumerations are contained in files called “Enumerations.xsd” or “ElectricityEnumerations.xsd” (for electricity retail market transactions). These files do not have release identifiers in their names and so can be replaced as the ‘included’ file without change to any other schema files, in particular to the “aseXML.xsd” file.

At the 17 September 2020 GRCF meeting, the GRCF decided to adopt a non-versioned enumerations list (the “GasEnumerations.xsd” file) for the new JECs in order that new JECs may be added in the future without a schema change.

Participants who operate in several jurisdictions should note that, if a specific jurisdiction decides to adopt new enumeration values in the non-versioned list, the other jurisdictions may remain on the previous version of this GasEnumerations.xsd file (in the same way that different jurisdictions may currently use different versions of the Enumerations.xsd file published). The specific jurisdiction version number of the GasEnumerations.xsd file will be described in the appropriate technical protocol document (the Gas Interface Protocol for NSW/ACT, VIC, and QLD; the Specification Pack Usage Guide for SA and WA). Any proposed amendments to the GIP or SP (i.e. to update the list of enumerations) will therefore need to adhere the existing procedure change consultation process for that jurisdiction.

1.4. Submission details and key feedback areas

Using the response template in Attachment A, AEMO is seeking feedback from participants on whether your organisation supports AEMO’s examination of the proposal and the recommendation as described in this IIR. Submission close 20 October 2020 and should be emailed to grcf@aemo.com.au.



2. REFERENCE DOCUMENTATION

2.1. Schema release documentation

Click [here](#) to view the index of Schema Releases from r28 to r38 inclusive.

2.2. Technical Protocol (TP) documentation

Attachment B provides a detailed summary of the changes to each of the TP documents.

Attachment C contains each TP document showing tracked changes between the current version and the proposed changes.

3. OVERVIEW OF CHANGES

3.1. Changes in WA

This proposal involves moving the list of JECs to a non-versioned list in the aseXML schema (i.e. "GasEnumerations.xsd") and adding several JECs to the existing list. See reference #7 (B2B Service Order Specifications - Part 1) in Attachment B for details on the additional JECs.

The TPs that are applicable for the WA gas retail market will be updated to recognise these new JECs as an "allowable" value in WA. See Attachment C for further information about the update to the TPs.

3.2. Changes in east-coast jurisdictions

This proposal involves moving the list of JECs to a non-versioned list in the aseXML schema (i.e. "GasEnumerations.xsd") and adding several JECs to the existing list. See reference #1 (Participant Build Pack 1 - Job Enquiry Codes tab)¹ in Attachment B for details on the additional JECs.

The TPs that are applicable for VIC, SA, QLD and NSW/ACT gas retail markets will be updated to recognise these new JECs as "allowable" values in these jurisdictions. See Attachment C for further information about the update to the TPs.

4. LIKELY IMPLEMENTATION EFFECTS AND REQUIREMENTS

Effect on Retailers and Distributors

It is anticipated that all Retailers and Distributors will need to make the following incremental² IT system changes:

- Modify gas gateways to send and receive transactions in the new aseXML schema version (which will be a version beyond r38) that will contain the updated JEC aseXML enumeration list, contained in the "GasEnumerations.xsd" file.
- Incorporate the new JECs into gas retail market systems.
- Complete a recertification process on all impacted transactions³. The recertification of the transaction involving the JECs will be added to the other transactions that make up the Q4 2021

¹ While the list of JECs in Ref #1 pertains to VIC, SA and QLD, it has the same JECs listed as the list in Ref #4, which pertains to NSW/ACT.

² In the east-coast jurisdictions, Retailers, Distributors, and AEMO will be making IT system changes to implement the new Gas Life Support transactions and the enhanced Customer Details Notification (CDN) transaction and the new Customer Detail Request (CDR) transaction in Q4 2021. For further details please refer to the [IN003/20](#) and [IN011/20](#) consultations. In WA Users, the Network Operator and AEMO will be making IT system changes to implement the new Customer Details Notification (CDN) transaction and the new Customer Detail Request (CDR) transaction in Q4 2021. For further details please refer to the [IN003/20W](#) consultation.

³ Click [here](#) to view the recertification process for VIC, SA, QLD and NSW/ACT. Click [here](#) to view the recertification process for WA



bundle release program of work. Further information about recertification window will be issued in Q1 2021.

Effect on AEMO

FRC Hub changes

- AEMO will need to ensure that transactions with the new aseXML schema version (which will be a version beyond r38) with a non-versioned⁴ GasEnumerations list containing the updated JECs that can pass through the FRC Hub.

AEMO will need to make the following incremental IT system changes:

- Modify AEMO's gas gateways (including those managed by CGI, AEMO's outsourced service provider for NSW/ACT, SA, and WA) so they have the capability to send and receive new aseXML schema version (which will be a version beyond r38) transactions.
- Modify the WA Low Volume Interface that is managed by CGI so that this interface service will have the capability to send and receive new aseXML schema version transactions (which will be a version beyond r38).
- Modify the pre-production/certification environment responders to support the new aseXML schema version transactions.
- Complete a recertification process on all impacted transactions.

In addition to these technical changes, AEMO will prepare a schema manifest document that summarises each schema version change and will also facilitate the coordinated release program, as it has done for prior gas retail market aseXML schema uplift changes. AEMO is targeting to have a schema manifest document before Q1 2021.

Implementation timeframes

In terms of an implementation timeframe, the optimal and most cost-effective timeline would be to bundle this change with the east coast Gas Life Support (GLS) changes (IN003/20) and with the east and west coast CustomerDetailsRequest (CDR) and CustomerDetailsNotification (CDN) transactions changes (IN011/20 and IN003/20W). The most practical option for AEMO and participants is therefore Q4 (Oct to Dec) 2021.

This change will not impact participants who fall into the Self Contracting User (SCU) registerable capacity under the National Gas Rules (NGR).

⁴ AEMO proposed at the September GRCE meeting that the GRCE adopt a non-versioned list for JEC enumerations, to which the GRCE agreed. For more information, please consult the GRCE paper circulated in advance of that meeting.



5. OVERALL COST AND BENEFITS

AEMO's incremental cost to implement the changes proposed in this IIR and the other non-gas life support initiatives will be less than \$50,000. The overall estimated cost to AEMO for the entire program of works⁵ is \$460,000.

The estimated cost for gas retail market participants to implement this change will vary for each organisation and depend on several factors, including but not limited to, the complexity of IT system changes for that organisation.

WA-specific benefits will include:

- Mitigating the risks introduced by the unauthorised Reconnection of a Delivery Point.
- Providing Retailers with another method to Disconnect a Delivery Point that can be used after an MRM but before escalating to a street level disconnection (DSD).
- Enabling use of the new locking device, which will mitigate the risk of people tampering with ATCO Gas's metering equipment.
- Reducing manual effort by the Users and Network Operator to sort SORs that have been flagged with a JEC as "DSD" with TAC (* ISOLATE/REINSTATE) in the special comments.
- Improving record keeping on what field work has been undertaken at a site.

East coast-specific benefits due to increased information will include:

- More efficient process management.
 - For example, prioritisation of disconnect and reconnection can be enhanced by both participants by differentiating the reason the request is being made by specifying the disconnection reason and reconnection reason. A Retailer or a Distributor has the ability to prioritise different service orders to meet limited resource availability without creating regulatory issues for either the Distributor or Retailer. For instance, a disconnection for debt can be prioritised ahead of a disconnection due to move out.
- Enhanced and simplified regulatory process management.
- Reduced manual effort by Distributors to sort service order requests that have been flagged as "OTH".
- Improved record keeping on what field work has been undertaken at a site.

Given the general industry support (see Section 9) for the changes and taking into account that no participants has raise significant cost implications and noting the above listed benefits, AEMO believes that the benefits outweigh the costs for both WA and for east-coast jurisdictions (i.e. the changes provide a net benefit for industry as a whole).

6. MAGNITUDE OF THE CHANGES

AEMO has deemed this change to be material because of the change to IT systems and the industry coordination effort required to uplift the aseXML schema to a schema version beyond r38. The magnitude of the materiality would increase further if the implementation does not leverage the program of works for

⁵ Includes IN003/20 (Gas Life Support changes– east coast only), IN011/20 and IN003/20W (both relate to Customer Detail Notifications and Customer Request Notification changes), IN002/15W and IN026/15 (both relate to Job Enquiry Code changes), IN009/19W (Add Meter Status code to transactions – WA only) and IN010/20W (Add new meter status codes – WA only).



the existing schema change initiatives, namely IN003/20 (Gas Life Support) and IN011/20 (CDN and CDR) for east-coast jurisdictions as well as potentially IN003/20W (WA CDN and CDR) for WA.

7. AEMO'S PRELIMINARY ASSESSMENT OF THE PROPOSAL'S COMPLIANCE WITH CLAUSE 378 OF THE RMP:

As part of the first-round consultation (PPC), AEMO put forward the following assessment regarding compliance with clause 378 of the WA RMP:

<p>Ensure that the retail gas market operates and is governed in a manner that is,</p> <ul style="list-style-type: none"> (i) open and competitive; (ii) efficient; and (iii) fair to participants and their customers 	<p>AEMO's view is that the proposed change will continue to promote competition, will promote efficiency in meter connections and disconnections, and will not disadvantage participants or their customers.</p>
<p>Ensure compliance with all applicable laws</p>	<p>AEMO's view is that the proposed changes are consistent with the applicable laws, and participants have been given an opportunity during this IIR consultation and the concluded PPC consultation to inform AEMO if they believe the proposed change is in conflict with any applicable laws.</p>
<p>Ensure effective consultation occurs and gives stakeholder's opportunities to provide feedback of the proposed changes</p>	<p>AEMO's view is that this IIR consultation and the concluded PPC consultation, in addition to the pre-consultation GMIs and discussions at the GRCF, have provided adequate opportunities for participants to provide feedback on the proposed changes.</p>

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.

8. CONSISTENCY WITH NATION GAS RULES (NGR) AND NATIONAL GAS OBJECTIVE (NGO)

As part of the first-round consultation (PPC), AEMO put forward the following assessment regarding consistency with the NGR and NGO:



Consistency with National Gas Law (NGL) and NGR	AEMO’s view is that the proposed change is consistent with the NGL and NGR. AEMO also believes that this change is consistent with the National Energy Retail Rules (NERR), the Victorian Energy Retail Code, and the Victorian Gas Distribution System Code. No participant raised any objections during the pre-consultation process to the proposal’s consistency with any of these documents, and participants have been given an opportunity during this IIR consultation and the concluded PPC consultations to inform AEMO if they believed there is such an inconsistency.
National Gas Objective	As outlined in Section 6, it is AEMO's view that this change would facilitate efficient operation of the retail gas market by providing a cost-effective solution to provide information about the nature of the job in the Service Order.
Any applicable access arrangements	AEMO’s view is that the proposed change is not in conflict with existing Access Arrangements. No participant raised any objections during the pre-consultation regarding the proposal’s consistency with any existing Access Arrangements, and participants have been given an opportunity during this IIR consultation and the concluded PPC consultation to inform AEMO if they believe the proposed change is 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.

9. CONSULTATION FORUM OUTCOMES

All participants expressed broad support for the proposal except for Synergy (for the WA changes only), Origin (for the east-coast changes), and Jemena (for specific JECs in the east coast). All other participants expressed that the changes would provide a net benefit to their organisation. As such, AEMO believes as per Section 6 that the change represents a net benefit both for the east-coast and for the WA retail gas market.

In relation to the proposed change to the Technical Protocols, Alinta and AGL raised minor editorial changes, whose adoption AEMO supported. These are described in Attached D along with AEMO’s responses to the matters noted above.

10. SUPPORTING DOCUMENTATION

Please see Attachment C for change-marked TPs.



11. SHOULD THE PROPOSED PROCEDURES BE MADE)?

AEMO recommends the changes proposed in Attachment B. This includes a number of editorial or otherwise minor changes put forward during the first-round consultation. These additional changes are described in Attachment D.

12. PROPOSED TIMELINES

Subject to all necessary approvals, AEMO proposes the following timeframe:

- Issue IIR on 22 September 2020.
- IIR feedback due 20 October 2020
- For east-coast changes, Notice of AEMO Decision issued in early November 2020.
- For WA changes, Economic Regulation Authority (ERA) submission issued early November 2020.

For east-coast changes AEMO proposes to issue a notice of effective date by the end of March 2021. The target effective date for these changes is Q4 (Oct-Dec) 2021.

For WA changes, AEMO will work with ERA on the process to set an effective date for these changes. The target effective date for these changes is Q4 (Oct-Dec) 2021.



ATTACHMENT A – IIR RESPONSE TEMPLATE

The IIR response template has been attached separately to this document. There are two sections in the template:

- Section 1 seeks feedback on AEMO’s examination of the proposed changes for WA. East coast-only participants should not complete this section.
- Section 2 seeks feedback on AEMO’s examination of the proposed changes for east-coast jurisdictions. WA-only participants should not complete this section.
- Section 3 seeks feedback on the marked-up changes to the TPs described in Attachments C. All participants should complete this section.

Anyone wishing to make a submission to this IIR consultation are to use this response template.

Submissions close Friday 20 October 2020 and should be emailed to grcf@aemo.com.au.



ATTACHMENT B – TECHNICAL PROTOCOL REFERENCE DOCUMENTATION (SEE SECTION 2)

The following table lists Technical Protocol (TP) documents that need to be amended. The table also contains a summary of the changes. Attachment C contains a draft version of the TPs showing tracked changes between the current version and the proposed changes.

Please note the jurisdictional impacts of each of the below:

Document	NSW/ACT	QLD	SA	VIC	WA
Ref #1 - Participant Build Pack 1 Table of Transaction (JEC tab)					
Ref #2 – Gas Interface Protocol - Victoria					
Ref #3 – Gas Interface Protocol - Queensland					
Ref #4 – NSW/ACT specific Participant Build Pack 5					
Ref #5 – Gas Interface Protocol – NSW/ACT					
Ref #6 – B2B Service Order Specifications – Part 2					
Ref #7 – B2B Service Order Specifications – Part 1					
Ref #8 – AEMO Specification Pack - Specification Pack Usage Guidelines					

Ref#	Title of document and any notes.	Current Ver #	Summary of the change
The document below applies to VIC, QLD and SA			
1	Participant Build Pack 1 - Table of Transactions, Table of Elements, List of Job Enquiry Codes, Address Elements and MIRN and Meter states. Marked up showing differences between current version. See attachment C.	3.5	1. In relation to the Job Enquiry Code tab, add the following new JECS to the list of “allowable” Job Enquiry Code (JECS) in the Victorian, Queensland and South Australian gas retail markets ⁶ : <ul style="list-style-type: none"> • AMLN - Attach Locks/Plugs to Meter for Non-Payment • AMLU - Attach Locks/Plugs to Meter for Unauthorised usage by a customer (ie non-identification) • AMLB - Attach Locks/Plugs to Meter for Breach of Contract by a customer. • AMLI - Attach Locks/Plugs to Meter for Illegal Usage by a customer. • AMLC - Attach Locks/Plugs to Meter at the request of a customer • AMLM - Attach Locks/Plugs to Meter at the request of a Retailer when a customer is moving out. • DMS - Downgrade Meter • DSDN - Disconnect in Street for Non-Payment • DSDU - Disconnect in Street for Unauthorised Usage • DSDB - Disconnect in Street for Breach of Contract • DSDI - Disconnect in Street for Illegal Usage • DSDA - Disconnect in Street for no access • MRMN - Meter Remove for Non Payment • MRMU - Meter Remove for Unauthorised Usage (i.e. Non Identification) • MRMB - Meter Remove for Breach of Contract • MRMI - Meter Remove for Illegal Usage • MRMC - Meter Remove at Customer Request • PRE - A request for a pressure change at the meter

⁶ The list of new allowable JEC mentioned below matches the same list for NSW/ACT (see Ref #4). The list of new allowable JECS mentioned below largely matches the same list for WA (see Ref #7); however, the WA list includes TCI, TCIN, TCIU, TCIB, TCII, and TCR, and it excludes DMS and PRE.



Ref#	Title of document and any notes.	Current Ver #	Summary of the change
			2. Amend the "Brief Description" and "Detailed description for these "JECs": <ul style="list-style-type: none"> • AML and DSD
The document below applies to Victoria			
1A	PBP3 B2B System Interface Definitions Marked up changes showing differences between current version. See attachment C.	3.6	1. Update the description for "Job Enquiry Code" field in Appendix A (Data Dictionary) to reference "GasEnumerations.xsd" as the container for the enumerations.
2	Gas Interface Protocol – Victoria Marked up changes showing differences between current version. See attachment C.	21.0	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020). 3. Add the "GasEnumerations.xsd" to the list of artefacts
The document below applies to Queensland			
3	Gas Interface Protocol – QLD Marked up changes showing differences between current version. See attachment C.	20.0	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020). 3. Add the "GasEnumerations.xsd" to the list of artefacts



Ref#	Title of document and any notes.	Current Ver #	Summary of the change
The documents below apply to NSW/ACT			
4	<p>NSW/ACT specific Participant Build Pack 5</p> <p>Marked up changes showing differences between current version. See attachment C.</p>	5.0	<p>1. In relation to the Job Enquiry Code described in table G, add the following new JECs to the list of “allowable” Job Enquiry Code (JECs) in the NSW/ACT gas retail market⁷:</p> <ul style="list-style-type: none"> • AMLN - Attach Locks/Plugs to Meter for Non-Payment • AMLU - Attach Locks/Plugs to Meter for Unauthorised usage by a customer (i.e. non-identification) • AMLB - Attach Locks/Plugs to Meter for Breach of Contract by a customer. • AMLI - Attach Locks/Plugs to Meter for Illegal Usage by a customer. • AMLC - Attach Locks/Plugs to Meter at the request of a customer • AMLM - Attach Locks/Plugs to Meter at the request of a Retailer when a customer is moving out. • DMS -Downgrade Meter • DSDN - Disconnect in Street for Non-Payment • DSDU - Disconnect in Street for Unauthorised Usage • DSDB - Disconnect in Street for Breach of Contract • DSDI - Disconnect in Street for Illegal Usage • DSDA - Disconnect in Street for no access • MRMN - Meter Remove for Non Payment • MRMU - Meter Remove for Unauthorised Usage (ie Non Identification) • MRMB - Meter Remove for Breach of Contract • MRMI - Meter Remove for Illegal Usage • MRMC - Meter Remove at Customer Request • PRE - A request for a pressure change at the meter <p>2. Amend the “Brief Description” and “Detailed description for these “JECs”: AML and DSD</p>

⁷ The list of new allowable JEC mentioned below matches the same list for VIC, SA and QLD (see Ref #1). The list of new allowable JECs mentioned below largely matches the same list for WA (see Ref #7); however, the WA list includes TCI, TCIN, TCIU, TCIB, TCII, and TCR, and it excludes DMS and PRE.



Ref#	Title of document and any notes.	Current Ver #	Summary of the change
4A	PBP5 – NSW/ACT Marked up changes showing differences between current version. See attachment C.	5.0	1. Update the description for “Job Enquiry Code” field in Appendix A (Data Dictionary) to reference “GasEnumerations.xsd” as the container for the enumerations.
5	Gas Interface Protocol – NSW/ACT Marked up changes showing differences between current version. See attachment C.	9.0	1. Update the version number for the changed artefacts mentioned above. 2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020). 3. Add the “GasEnumerations.xsd” to the list of artefacts
The documents below apply to South Australia and Western Australia			
6	B2B Service Order Specifications - Part 2 Marked up changes showing differences between current version. See attachment C.	2.3	1. Add a new note about “parent” and “child” JEC for SA. 2. Amended existing note to include a reference that TCI and TCR are not used in SA.
7	B2B Service Order Specifications - Part 1	3.3	WA 1. In relation to the Job Enquiry Code tab, add the following new JECs to the list of “allowable” Job Enquiry Code (JECs) for in the WA gas retail market ⁸ : <ul style="list-style-type: none"> • AMLN - Attach Locks/Plugs to Meter for Non-Payment • AMLU - Attach Locks/Plugs to Meter for Unauthorised usage by a customer (ie non-identification)

⁸ The list of new allowable JECs mentioned below largely matches the same list for VIC, SA QLD (see Ref #1) and NSW/ACT (see Ref #4). However, the WA list includes TCI, TCIN, TCIU, TCIB, TCII, and TCR, and it excludes DMS and PRE.



Ref#	Title of document and any notes.	Current Ver #	Summary of the change
	<p>Marked up showing differences between current version. See attachment C.</p>		<ul style="list-style-type: none"> • AMLB - Attach Locks/Plugs to Meter for Breach of Contract by a customer. • AMLI - Attach Locks/Plugs to Meter for Illegal Usage by a customer. • AMLC - Attach Locks/Plugs to Meter at the request of a customer • AMLM - Attach Locks/Plugs to Meter at the request of a Retailer when a customer is moving out. • DSDN - Disconnect in Street for Non-Payment • DSDU - Disconnect in Street for Unauthorised Usage • DSDB - Disconnect in Street for Breach of Contract • DSDI - Disconnect in Street for Illegal Usage • DSDA - Disconnect in Street for no access • MRMN - Remove regulator for Non Payment • MRMU - Remove regulator for Unauthorised Usage (i.e. Non Identification) • MRMB - Remove regulator for Breach of Contract • MRMI - Remove regulator for Illegal Usage • MRMC - Remove regulator at Customer Request • TCI - Install Trailer Air Coupling to stop supply of gas • TCIN - Install Trailer Air Coupling to stop supply of gas for non-payment • TCIU - Install Trailer Air Coupling to stop supply of gas for Unauthorised usage by a customer (i.e. non-identification) • TCIB - Install Trailer Air Coupling to stop supply of gas for Breach of Contract by a customer • TCII - Install Trailer Air Coupling to stop supply of gas for Illegal Usage by a customer • TCR - Remove Trailer Air Coupling to allow gas to flow <p>2. Amend the "Brief Description" and "Detailed description for these "JECs":</p> <ul style="list-style-type: none"> • AML and DSD



Ref#	Title of document and any notes.	Current Ver #	Summary of the change
			<p>SA</p> <p>3. In relation to the Job Enquiry Code tab, add the following new JECs to the list of “allowable” Job Enquiry Code (JECs) in the Victorian, Queensland and South Australian gas retail markets⁹:</p> <ul style="list-style-type: none"> • AMLN - Attach Locks/Plugs to Meter for Non-Payment • AMLU - Attach Locks/Plugs to Meter for Unauthorised usage by a customer (ie non-identification) • AMLB - Attach Locks/Plugs to Meter for Breach of Contract by a customer. • AMLI - Attach Locks/Plugs to Meter for Illegal Usage by a customer. • AMLC - Attach Locks/Plugs to Meter at the request of a customer • AMLM - Attach Locks/Plugs to Meter at the request of a Retailer when a customer is moving out. • DMS -Downgrade Meter • DSDN - Disconnect in Street for Non-Payment • DSDU - Disconnect in Street for Unauthorised Usage • DSDB - Disconnect in Street for Breach of Contract • DSDI - Disconnect in Street for Illegal Usage • DSDA - Disconnect in Street for no access • MRMN - Meter Remove for Non Payment • MRMU - Meter Remove for Unauthorised Usage (ie Non Identification) • MRMB - Meter Remove for Breach of Contract • MRMI - Meter Remove for Illegal Usage • MRMC - Meter Remove at Customer Request • PRE - A request for a pressure change at the meter <p>4. Amend the “Brief Description” and “Detailed description for these “JECs”:</p> <ul style="list-style-type: none"> • AML and DSD



Ref#	Title of document and any notes.	Current Ver #	Summary of the change
8	AEMO Specification Pack- Specification Pack Usage Guidelines Marked up changes showing differences between current version. See attachment C.	8.1	<ol style="list-style-type: none">1. Update the version number for the changed artefacts mentioned above.2. Update the aseXML schema version to be whatever version of the schema that contains the updated JEC enumerated list which will be a version above the current available version being R38 (as of 11 May 2020).3. Add the "GasEnumerations.xsd" to the list of artefacts
9	FRC B2B System Interface Definitions Marked up changes showing differences between current version. See attachment C.	4.6	<ol style="list-style-type: none">1. Update the description for "Job Enquiry Code" field in Appendix A (Data Dictionary) to reference "GasEnumerations.xsd" as the container for the enumerations.

⁹ The list of new allowable JEC mentioned below matches the same list for NSW/ACT (see Ref #4) and for WA (see Ref # 7). However, the WA list includes TCI, TCIN, TCIU, TCIB, TCII, and TCR, and it excludes DMS and PRE.



ATTACHMENT C – DOCUMENTATION CHANGES

Draft versions of the TPs 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.



ATTACHMENT D – WORKSHOP SLIDES

The workshop slides from the 30 July 2020 workshop have been attached separately to this document.

ATTACHMENT E – GENERAL FEEDBACK GIVEN TO PPC

Sections 1A and 1B - Comments on the General Comments on the Proposed Procedure Change

Topic	Ref #	Company	Response	AEMO Response (AEMO only)
Section 1A - General Comments on the Proposed Procedure Change for WA (IN002/15W)				
Sections 1 to 9 of the PPC sets out details of the proposal. <u>In respect of the changes proposed for WA</u> , does your organisation supports AEMO’s assessment of the proposal?	1	AGL	AGL supports the changes proposed for WA Note that the descriptions of the TCI codes in the documentation does not provide the disconnection reason text, but that an update was issued to align the definitions.	AEMO notes AGL’s support for the changes. AEMO has amended the descriptions of the TCI codes in Attachment B (Ref #7) of this IIR to align with the information issued to the GRCF by email on 24 August 2020.
If no, 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	Alinta Energy	Alinta Energy supports the proposed changes set out in the PPC to: <ul style="list-style-type: none"> Add new Job Enquiry Codes ((JECs) TCI and TCR (trailer air coupling install/remove); and Update current aseXML schema version r13 to beyond r38. <p>We generally support the proposal to add a fourth character to existing JECs for AML (attach meter lock), DSD (disconnect in street), MRM (regulator removal request) and TCI to specify a sub-code that identifies the reason for the JEC. However, it is not clear from the PPC whether the fourth character will be optional or mandatory. Alinta Energy’s WA systems do not currently support a four-character JEC and so we would support the</p>	AEMO notes Alinta Energy’s general support for the proposal. AEMO further notes that the proposed TP documents do not obligate a retailer to use the four-character version of the JEC enumeration. For instance, a retailer can continue to send only the “AML” JEC enumeration and not the “AMLD”. AEMO is proposing the inclusion of the four-character transaction sub-types such that retailers may provide additional information about a job if it is efficient to do so for their business, but the TP documents do not obligate their usage if it is not efficient for a retail business to use them.



			inclusion of a fourth character as being optional only.	It is important to note that the aseXML Element JobEnquiryCode has always been a four-character length field. Currently there is only the one 4 character JEC “MFXA” in the enumerations list but WA has chosen not to have this as an allowable field.
	3	ATCO Gas	ATCO supports the changes proposed in IN002/15W. As this proposal requires an uplift from WA’s schema r13 to a version beyond r38 for its successful implementation, ATCO’s IT systems would require an upgrade with costs estimated to be medium-high. However, ATCO believes the incorporation of this initiative into a consolidated program of works (which include gasmeterstatus and CDN/CDR initiatives for WA) would provide net benefits for the WA gas market.	AEMO notes ATCO Gas’s support for the proposal. AEMO also notes ATCO Gas’s feedback that if this change and the changes pertaining to IN003/20W, IN010/20W and IN009/19W are consolidated into a single program of works it would provide a net benefit.
	4	Origin Energy	Origin has assessed the changes proposed for the WA market. Origin supports the proposed change to include the new disconnection methods as used by the Network Operator, hence the new JEC’s (TCI and TCR). Origin acknowledges that the additional 4th character included to the AML, DSD, MRM provides visibility on the reason why the JEC is sent. However, section 6 within the PPC does not convey these benefits rather it refers only to the benefits for introducing TCI and TCR. If we assume that the benefits would be as	AEMO notes Origin Energy’s support for the new JECs in WA (i.e. TCI and TCR). Regarding the use of specific JECs and whether it is beneficial for Origin to use these, AEMO notes (as per its response to Ref #2) that the proposed TP documents do not obligate a retailer to use the four-character version of the JEC enumeration. For instance, a retailer can continue to send only the “AML” transaction and not the “AMLD”. AEMO is proposing the inclusion of the four-character the JEC enumeration sub-types such that retailers



			<p>described for the East Coast then it was quite evident from the workshop held on the 30 June 2021, the key benefit was to meet participant regulatory reporting requirements. There was very little acknowledgement from Distributors that the proposed changes were to benefit operational output or improve service.</p> <p>As noted in the workshop, these additional JEC's do not provide any direct benefits for Origin and associated benefit for customers if Distributors are not using the added fourth character to drive service levels. The change has been evaluated as Medium cost for our business.</p> <p>Origin understand AEMO will evaluate this change by weighing the net cost benefit from all participants in order to proceed.</p> <p>As these new JEC's will require a schema beyond version r38, can AEMO please confirm all associated gas changes proposed to be bundled together will be delivered November 2021 and aligned with the same schema beyond r38.</p>	<p>may provide additional information about a job if it is efficient to do so for their business, but the TP documents do not obligate their usage if it is not efficient for a retail business to use them.</p> <p>AEMO confirms that all proposed gas changes remain on track to be implemented in Q4 2021 and aligned with the same schema beyond r38. The exact date of implementation within Q4 2021 by March 2021.</p>
	5	Simply Energy	Simply Energy supports AEMO's assessment in relation New Job Enquiry Codes (JEC) in West Australian (IN002/15W).	AEMO notes Simply Energy's support for the proposal.
	6	Synergy	The PPC proposes that WA-specific benefits will include:	AEMO notes that Synergy does not support the proposal. AEMO further notes, however, that other WA retailers have universally supported the TCI and TCR



			<ol style="list-style-type: none"> 1. Mitigating the risks introduced by the unauthorised Reconnection of a Delivery Point. 2. Providing Retailers with another method to Disconnect a Delivery Point that can be used after an MRM but before escalating to a street level disconnection (DSD). 3. Enabling use of the new locking device, which will mitigate the risk of people tampering with ATCO Gas's metering equipment. 4. Reducing manual effort by the Users and Network Operator to sort SORs that have been flagged with a JEC as "DSD" with TAC (* ISOLATE/REINSTATE) in the special comments. 5. Improving record keeping on what field work has been undertaken at a site. <p>Synergy considers these matters (in particular) item 1 has not been adequately or quantitatively substantiated. In particular, the benefits for low volume retailers is not apparent. Including, how much the level of benefit realised is dependent on the volume of transaction used by the participant.</p> <p>Given the low number of disconnections requested by Synergy the costs to create and implement the new job enquiry code would not provide a positive benefit to Synergy. Therefore, based on its assessment of the likely</p>	<p>implementation and AEMO's assessment of it, and as such AEMO believes that item 1 on the list of benefits has been justified.</p>
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			cost/benefit Synergy does not support the proposed change at this stage.	
Section 1B - General Comments on the Proposed Procedure Change for east-coast jurisdictions. (IN026/15)				
<p>Sections 1 to 9 of the PPC sets out details of the proposal.</p> <p><u>In respect of the changes proposed in east-coast jurisdictions</u>, does your organisation support AEMO’s assessment of the proposal?</p> <p>If no, 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.</p>	7	AGL	<p>AGL supports implementing all the listed changes to the East Code JECs.</p> <p>AGL notes that there was some discussion on the different categories of disconnection but points out that the categories selected each match a reason called out in the NRR or Victorian Energy Code the goal of this change was to be able to separately identify disconnection reasons.</p> <p>As the opportunities to make schema changes in gas are rare, AGL supports the full list being implemented, on the basis that if an element is required in future, undertaking a schema upgrade for one element would be cost-prohibitive.</p> <p>As such, AGL would prefer to implement all elements at this time, rather than having an element missing from the suite of jobs.</p>	AEMO notes AGL’s support for the proposal and for implementation of the full list of elements.
	8	AGN	<p>AGN generally supports AEMO’s assessment of the proposal in principle, subject to the confirmation and endorsement of estimated IT implementation costs.</p> <p>Note that AGN has some concerns regarding AMLM (attach meter locks for move outs), if there is potential for this to become standard practice for retailers.</p>	<p>AEMO notes AGN’s support for the proposal, subject to the confirmation and endorsement of estimated IT costs.</p> <p>AEMO notes that the specific usage of the new transactions is for gas retail market participants to determine and will not be encoded in the TP documents. As such, it falls outside the scope of this consultation.</p>



			<p>This is not usually performed currently and would require additional DB resourcing.</p> <p>We'd like to seek an undertaking from the retailers that they wouldn't be changing their standard procedures to always attach a lock on move out, to ensure no resourcing impact on the DB's ability to meet its other obligations.</p> <p>We are also concerned about the increased risk that if a meter is locked on move out, then a future new occupant may be less likely to reconnect to gas, particularly if they only have one gas appliance.</p>	<p>Regarding AGN's concerns about retailer usage of the AMLM transaction, AEMO notes that the new transaction sub-types are purely to communicate information with the transaction (e.g. instead of sending a generic AML when the AML is for move out, the retailer sends the AMLM to communicate that additional information to the distributor). As such, the new sub-types should not cause retailers to send AMLMs where they would not currently send an AML.</p>
	9	Jemena Gas Networks	<p>Jemena is opposed to new JEC's for DSD and MRM service orders for the following reasons:</p> <ul style="list-style-type: none"> • DSD (street disconnection) – this service order type is rarely used today in NSW/ACT with <100 DSD service orders raised per annum. There is no value in creating these new JEC's which will not result in any benefits or operational efficiencies. • MRM (meter removal) – Jemena believes there is no need to create new JEC's for MRM service orders. Again, there is no value in creating these new which will not result in any benefits or operational efficiencies. 	<p>AEMO notes Jemena's partial support for the proposal, except for the DSD family, MRM family, and AMLB. AEMO further notes that other east-coast participants support the transactions.</p> <p>Given this, AEMO believes it is a net benefit to adopt these new JECs in all east-coast jurisdictions. It would be against the principles of harmonisation for NSW/ACT to use a different schema to prevent the usage of these additional JECs in NSW/ACT. Additionally, given that all east-coast gas retail market participants must perform IT work to implement JECs, AEMO does not expect that the incremental cost of implementing DSD or MRM would be high.</p>



			<p>Jemena is supportive of introducing new JEC's for AML service orders, however we do not support a JEC for:</p> <ul style="list-style-type: none"> • AMLB - Attach Locks/Plugs to Meter for Breach of Contract by a customer. Jemena sees no value in this JEC for networks and we have privacy concerns with the retailers sharing this information. 	
	10	MGN	Yes, MGN supports the assessment of the proposal with the exception of the minor details mentioned below.	AEMO notes MGN's support for the proposal.
	11	Origin Energy	Please refer comments above associated with East Coast benefits.	AEMO has provided its response to Origin Energy's east coast comments in Ref #4.
	12	Red and Lumo Energy	Red Energy and Lumo Energy (Red and Lumo) support the assessment of the proposal by AEMO. Red and Lumo believe that the proposed changes will add a range of benefits for market participants and that the changes benefits will outweigh any potential costs. Red and Lumo support the introduction of the proposed change.	AEMO notes Red / Lumo's support for the change.
	13	Simply Energy	Simply Energy supports AEMO's assessment in relation New Job Enquiry Codes (JEC) in West Australian (IN026/15) however with a suggestion to amend the following de-energisation JECs reason sub-codes (fourth character), consistent with the common terminology used in the energy markets: "N" – Non-payment	<p>AEMO notes Simply Energy's support for the change.</p> <p>AEMO notes that Simply's proposed change would de-align the gas RMP from the electricity market B2B Procedures (the electricity procedures also distinguish between "unauthorised" and "illegal" usage). Further, the GRCF agreed at the 30</p>



			<p>"I" – <u>Non-identification</u> illegal usage</p> <p>"U" – Unauthorised or <u>illegal</u> usage</p> <p>"B" – Breach of contract</p> <p>"C" – Customer request</p> <p>"M" – Move out</p>	<p>July workshop that these sub-codes correctly reflect requirements. AEMO therefore does not support Simply's proposed amendment to the sub-code descriptions.</p>
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Section 2 - Feedback on the documentation changes.

Please note as per Attachment B that the following procedures affect the following jurisdictions respectively:

Document	NSW/ACT	QLD	SA	VIC	WA
Ref # 1 - Participant Build Pack 1 Table of Transaction (JEC tab)					
Ref #2 – Gas Interface Protocol - Victoria					
Ref #3 – Gas Interface Protocol - Queensland					
Ref #4 – NSW/ACT specific Participant Build Pack 5					
Ref #5 – Gas Interface Protocol – NSW/ACT					
Ref #6 – B2B Service Order Specifications – Part 2					
Ref #7 – B2B Service Order Specifications – Part 1					
Ref #8 – AEMO Specification Pack - Specification Pack Usage Guidelines					

Ref # 1 - Participant Build Pack 1 - Table of Transactions, Table of Elements, List of Job Enquiry Codes, Address Elements and MIRN and Meter states.

Item	Participant	Row # Column # in spreadsheet	Issue / Comment	Proposed Red strikeout means delete <u>blue underline</u> means insert	text and	AEMO (AEMO only)	Response
14	MGN	Row 61 Column H	Why do we just have 10 78 as successful completion codes? I propose to use 22 (Valve/regulator/inlet) & 78 and if a meter is changed on site you would use	10 – 78 22 - 78 10-10-47		AEMO supports MGN proposal to add the job completion codes to column H will amend PBP1 table of transaction (JEC tab) document and the B2B Service	

			10-10- 47 (inadequate size) the other completion code 3 codes are not relevant for pressure changes (31, 33, 34, 37, 44, 42, 45)		Order Specifications - Part 2 document

Ref #2 – Gas Interface Protocol - Victoria

Item	Participant	Section #	Issue / Comment	Proposed text and	AEMO (AEMO only)	Response
		n/a		Red strikeout means delete blue underline means insert		

Ref #3 – Gas Interface Protocol – Queensland

Item	Participant	Section #	Issue / Comment	Proposed text and	AEMO (AEMO only)	Response
		n/a		Red strikeout means delete blue underline means insert		

Ref #4 – NSW/ACT specific Participant Build Pack 5

Item	Participant	Section #	Issue / Comment	Proposed text and	AEMO (AEMO only)	Response
15	Red and Lumo Energy	13. Appendix – G (Table of Transactions – Job Enquiry Codes)	NSW COMMENTS & For relevant Enquiry Codes, successful completion will result in the following MIRN and Meter status changes sections in the table incomplete for AML	Red strikeout means delete blue underline means insert		AEMO does not agree with the proposed change. “Same Comments as AML” and “Same as AML” are unambiguous and

				<p>separate transactions they must clearly list the comments and MIRN and Meter Status changes in each field</p> <p>NSW Comments - Distributor will use the most appropriate method to stop the flow of gas.</p> <p>successful completion will result in the following MIRN and Meter status changes. - MIRN status = Decommissioned, Meter status = Plugged. Meter physically plugged or locked,</p>	<p>therefore do provide clear contents for each field.</p>
16	Red and Lumo Energy	13. Appendix – G (Table of Transactions – Job Enquiry Codes)	NSW COMMENTS & For relevant Enquiry Codes, successful completion will result in the following MIRN and Meter status changes sections in the table incomplete for DSD	<p>The table has been listed as Same Comments as DSD for NSW Comments and Same as DSD ML relevant enquiry codes. However even though the comments match the existing responses for AML as they are separate transactions they must clearly list the comments and MIRN and Meter Status changes in each field</p> <p>NSW Comments -Distributor will have operational choice to endeavour to stop gas from flowing, via whatever means applicable up to total disconnection. If multiple delivery points (multiple MIRNs) connected to a service, expect a not complete Service Order response, advising why the job could not be completed.</p> <p>NOTE: In order to resume supply after a successful DSD, a new connection request will need to be initiated.</p> <p>successful completion will result in the following MIRN and Meter status changes. - MIRN status = Deregistered, Meter Status = No Meter.</p>	<p>AEMO does not agree with the proposed change. “Same Comments as DSD” and “Same as DSD” are unambiguous and therefore do provide clear contents for each field.</p>
17	Red and Lumo Energy	13. Appendix – G (Table of	NSW COMMENTS & For relevant Enquiry Codes, successful completion will result in the following MIRN and	<p>The table has been listed as Same Comments as DSD for NSW Comments and Same as DSD ML relevant enquiry codes. However even though the comments match the existing responses for AML as they are</p>	<p>AEMO does not agree with the proposed change. “Same Comments as MRM” and “Same as MRM” are unambiguous and</p>

		Transactions – Job Enquiry Codes)	Meter status changes sections in the table incomplete for MRM	<p>separate transactions they must clearly list the comments and MIRN and Meter Status changes in each field</p> <p>NSW Comments -MRM is accepted to remove a meter, where there is more than one meter at the MIRN.</p> <p>If there is only one meter onsite, will result in Closed Not complete, and say SDR required.</p> <p>NOTE 1: A SDR MUST accompany the MRM in this case. The matched pair of SDR/MRM must be issued on the same calendar day. Otherwise, the DB will not complete the request and send a Service Order Response with a Job Completion Code that no matched MRM/SDR was provided in the special comments.</p> <p>successful completion will result in the following MIRN and Meter status changes. -MIRN Status = Commissioned, Meter Status (for the removed meter) = No meter. Meter is physically removed from premises,.</p>	therefore do provide clear contents for each field.

Ref #5 – Gas Interface Protocol – NSW/ACT

Item	Participant	Section #	Issue / Comment	Proposed Red strikeout means delete <u>blue underline</u> means insert text and	AEMO (AEMO only)	Response
		n/a				

Ref #6 – B2B Service Order Specifications – Part 1

Item	Participant	Section #	Issue / Comment	Proposed text and	AEMO (AEMO only)	Response
				<p>Red strikeout means delete</p> <p><u>blue underline</u> means insert</p>		
18	Alinta Energy	Pages 8 and 10	Descriptor for TCI/TCR in tables incorrect	<p>Trailing<u>Trailer</u> Air Coupling Installation</p> <p>Trailing<u>Trailer</u> Air Coupling Removal</p>	AEMO will make the proposed change.	
Ref #7 – B2B Service Order Specifications - Part 2						
Item	Participant	Row # Column # in spreadsheet	Issue / Comment	Proposed text and	AEMO (AEMO only)	Response
				<p>Red strikeout means delete</p> <p><u>blue underline</u> means insert</p>		
19	AGL		<p>Noted</p> <p>The extended text for the TCI family of codes (eg Non-Payment... Illegal Usage) has not been included in the description associated with the additional codes, but an amendment was circulated.</p>	<ul style="list-style-type: none"> TCIN - Install Trailer Air Coupling to stop supply of gas <u>for Non-Payment</u> TCIU - Install Trailer Air Coupling to stop supply of gas <u>for Unauthorised usage by a customer (ie non-identification)</u> TCIB - Install Trailer Air Coupling to stop supply of gas <u>for Breach of Contract by a customer</u> TCII - Install Trailer Air Coupling to stop supply of gas <u>for Illegal Usage by a customer</u> 	AEMO was unclear about the feedback AGL provided in this section. AEMO subsequently contacted AGL. AGL confirmed, that this feedback was in relation to the text within the PPC Attachment B as it was missing the additional information associated with the new codes. AEMO has rectified this in the IIR, There is no change to the B2B Service Order Specifications - Part 2 document.	
20	ATCO	Row 3-9, 69-74 Column M, O Ref 1 - B2B Service Order Specifications	Amendments required in "WESTERN AUSTRALIA DETAILED DESCRIPTION" and "WA Comments" to include TAC as an additional disconnection method (before DSD)	<p>(In AML section)</p> <p>"To escalate use MRM to remove regulator, <u>TCl to install TAC device</u> or DSD to cut Service. NO does not care why, does not have to be for debt. NO may</p>	AEMO supports ATCO suggested change has updated the documentation accordingly	



		- Part 2 (v3.TBA) - marked up - IN010-20W		also initiate for safety reasons and provides the AML Service Order Response to the Current user" (In TCI section) "....Used to request a Trailer Air Coupling to be installed to stop the flow of gas. NO may also initiate for safety reasons and then provides the TCI Service Order Response to the Current user. The successful completion of this service order is: regulator physically removed, MIRN Status = Decommissioned. "	
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Ref #8 – AEMO Specification Pack- Specification Pack Usage Guidelines

Item	Participant	Section #	Issue / Comment	Proposed Red strikeout means delete text and blue underline means insert	AEMO (AEMO only)	Response
		n/a				