

Table 5 – Meter Data File Format Specification

ITEM	RESPONDENT	CLAUSE	HEADING	METERING COMPETITION (CURRENT SUBMISSION)	AEMO RESPONSE	ADDITIONAL SUBMISSION INFORMATION
1.	Origin	4.3	NMI data details record (200)	<i>NextScheduledReadDate</i> This field is not required for remotely read meters	AEMO needs more information to clarify what the participant is requesting	<p>Email from Origin: Our question is around the provision of an NSRD where a meter is being remotely read each day.</p> <p>Clearly where the meter is being read daily there isn't the need to have published a NSRD in the MDFF as it is not relevant. However as per the previous BMRG change request – we are not permitted to raise a PMD for missing meter data until after the NSRD – so having an NSRD for a daily read meter could create unexpected outcomes where we are prevented from requesting data that hasn't been provided.</p> <p>Our feedback is that where the site is non manually read the NSRD should not be provided. If it is to be provided then what are AEMO expecting the MDP to be including in this field?</p>

Table 6 – MSATS Procedures: CATS

ITEM	RESPONDENT	CLAUSE	HEADING	METERING COMPETITION (CURRENT SUBMISSION)	AEMO RESPONSE	ADDITIONAL SUBMISSION INFORMATION
2.	AGL	2.3	LOCAL NETWORK SERVICE PROVIDER	P28 This sections is inconsistent and does not operate smoothly in the new environment. Suggest a review of process be considered and obligations re-written.	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	<p>Email from AGL: 2.3(c) – the LNSP cannot adopt the role of MC or appoint the MPB, MPC or MDP – as the NER requires the FRMP top appoint the MC, who in turn appoints the MPB/MDP</p> <p>2.3(e) Until the MDP is appointed by the MC, the LNSP cannot provide the ADL</p> <p>2.3(m) AGL queries why the LNSP is responsible for ensuring network tariff codes are stored in MSATS as this is now the responsibility of the Meter provider</p> <p>2.3(p) the LNSP should only be responsible for updating certain participant codes which are incorrect. They are not responsible for updating participant types, such as MC, MP, MDP.</p>
3.	Origin	2.8	RETAILER OF LAST RESORT	As the <i>ROLR</i> for a ROLR Event is determined and appointed by a Regulator, the ROLR Role in MSATS is for indicative purposes only. # Is this effectively saying then there should be no validations regarding having the ROLR role correct in MSATS – this seems to be correct where there is a failed retailer event but	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	<p>Email from Origin: Our view is that there are two reasons for the ROLR role in MSATS and the lack of validation of this being correct maybe problematic.</p> <p>ROLR Event – within the AER jurisdictions that ROLR role in SMATS is only indicative during a failed</p>

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				not where it is applicable to an obligation to supply the site with an offer		<p>retailer ROLR event as the AQER will determine where customers will be transferred – however in VIC it is still required as the ROLR role will be the destination of the customer as the AER process isn't in place.</p> <p>Secondly the ROLR role is also indicative of which retailer has a requirement to make an offer to the customer if no other retailer is willing to make them an offer – so it could imply an obligation on the participant named in the role to make an offer. Therefore it wouldn't be indicative it would create an obligation.</p>
4.	United Energy	4.2	CHANGE REASON CODE	6700 series should say Current or New (if there is a meter churn we won't be the MP).	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	<p>Email from UE:</p> <p>Upon review, we don't think there is any material issue with the drafting of the procedure for CR6700 with regards to meter churn.</p> <p>There does however appear to be some inconsistency between the initiator of CR62xx (Change MDP), and CR67xx (Change MPB/MPC) which should be considered.</p> <ul style="list-style-type: none"> • CR62xx (Change MDP) can be initiated by both the FRMP and MC. • CR67XX (Change MPB/MPC) is initiated only by the MC. Is there a reason the FRMP cannot initiate this, to provide consistency? • CR63xx (Change MC) is initiated by the MC only. Is there a reason the FRMP cannot initiate this, to provide consistency? • CR68xx can be initiated by both the FRMP and MC.
5.	Red Lumo	4.2	CHANGE REASON CODE	Recommendation for the inclusion of a Change Reason Code for the update of the ENM for child NMIs within an Embedded Network.	AEMO needs more information as to what the participant is asking, and will contact the participants after publishing the draft determination to clarify. Currently the ENM is updated through the change retailer change requests and can also be update through the Change LNSP as the ENM is stored in the LNSP role id for child NMIs	<p>Email from Red Lumo:</p> <p>In relation to the response provided to MSATS: CATS procedures 4.2, this was possibly in the incorrect section, i.e. it would have been better placed for feedback to 29.1 Application [CR6100 CR6110]</p> <p>Since reviewing the proposed clean draft determination version of the MSATS: CATS procedures, this has now been addressed, i.e. LNSP and ENM role changes.</p> <p>A suggestion will be put forward within the draft determination response to include New ENM instead of just ENM</p> <p>However in relation to AEMO's response 'Currently the ENM is updated through the change retailer change requests', as per the proposed draft determination (clean) MSATS: CATS procedures the New FRMP does not have an obligation to update the LNSP role in MSATS.</p>
6.	Active Stream	4.11	STATUS CODES (NMI AND DATASTREAM)	4.11.3 Suggest it would be useful to differentiate between Datastream suffixes and register suffix to avoid confusion.	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify.	<p>Email from Active Stream:</p> <p>Change to Datastream suffix to 4.11.3.c.(iii) and d(iii) instead of just 'suffix'</p>

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7.	AGL	4.12	METERING INSTALLATION TYPE CODES	Number on meter faceplate should be put into MSATS	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	<p>Email from AGL:</p> <p>There can be discrepancies between MP asset numbers and manufacturers numbers.</p> <p>For clarity – the number on the face plate of the meter (often a manufacturer ID) should also be loaded, as this is sometimes the only number visible on an installed meter.</p>
8.	Active Stream	4.12	METERING INSTALLATION TYPE CODES	The meter number entered into MSATs must replicate what is on the faceplate of the meter	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	<p>Email from Active Stream:</p> <p>Not relevant – retract this statement.</p>
9.	Ausgrid	4.17	DATASTREAM STATUS CODE	Clause (d): Should read “.... metering data is expected”	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	
10.	AGL	8.3	INITIATION RULES	Wording of these clauses should be reviewed.	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify	<p>Email from AGL:</p> <p>1.This clause relates to change of retailer – is it a change of retailer or change of FRMP ?</p> <p>2.When reviewing the requirement to initiate a change of retailer, the initiation rule points to cl 8.4.</p> <p>3.Cl 8.4 the sequence of actions within cl 8.4 seems disjointed (eg gain consent prior to NMI discovery etc.) which must be undertaken prior to the initiation of a Change Request.</p> <p>Cl 8.4 is effectively the requirements which should be undertaken prior to initiating a change request and the information required for the change request.</p> <p>AGL queries the format / information in all these clauses and suggests that they could be broken into pre-initiation, and requirements to initiate, requirements on other parties receiving the request</p>
11.	United Energy	13.4	MPB Obligations	Remove from Table (e) MDM Contributory suffix and insert into table (c) MDM Contributory Suffix (For each register ID).	AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify.	<p>Email from UE:</p> <p>As discussed in the AEMO Workshop on Thursday, the draft CATS procedures do not enforce mandatory population of NMI Suffix in MSATS by MPs, which will result in greater difficulty in validating incoming interval data and lead to lower quality of data for billing.</p> <p>NMI Suffix is a mandatory field in the existing Meter Data File Format, but without it also being mandatory in MSATS, no validation of incoming interval datastreams on NEM12 files can be performed against the MSATS records.</p> <p>This results in either:</p> <ul style="list-style-type: none"> a) A high volume either rejection of data if strong validation is applied, and inability to generate network bills b) Increased volume of cancel/re-bills later in the process if loose validation is applied (i.e. the LNSP is forced to make assumptions about which datastream is which). <p>The NMI suffix provides the strict nomenclature which is required to make this determination (i.e. E =</p>

						<p>kWh Consumption, B = kWh Generation, Q = kVARh Import, K = kVARh Export).</p> <p>As an example, UE receives interval data with registers labelled as 1, 2, 3 & 4 in many instances for Large Type 1-4 meters. UE is unable to determine which register is consumption etc.</p> <p>The result of this is that UE is unable to confidently generate a network bill. For the ~7k Type 1-4 meters this results in significant volumes of manual reconciliation, inability to bill accurately and subsequently cancel/re-bills.</p> <p>We believe this needs to be addressed now by making the NMI Suffix (MDM Contributory Suffix) mandatory in MSATS in alignment with the MDFF to minimise poor quality data and subsequent compromising of billing and data analytics as more and more meters churn and become small Type 4 metering installations as a result of Metering Competition.</p> <p>Proposed Solution:</p> <p>It would be advantageous if the ‘Contributory Suffix’ was moved from the ‘may be supplied’ to the ‘must be supplied’ category for CATS CR Types which install or update MDM Contributory Suffix i.e. CR25xx, 300x, 305x, 308x & 309x.</p> <p>Where the Contributory Suffix is required to be subsequently updated by the MDP, it should also be mandatory to update this field in the CR4004, 4005 & 405x CATS CR types.</p> <p>Additional Clarification</p> <p>The term ‘Contributory Suffix’ is confusing - It is not really defined anywhere but there is a description of its intended purpose in the MSATS Standing data document http://www.aemo.com.au/~media/Files/Other/electricityops/0620-0029%20pdf.pdf</p> <p>If you go to the text on page 31 of that document there is a very complicated description of its purpose where it is called ‘ElectricityDataStream/Suffix’ - but critically it is the population (through the 30XX series transaction) of the CATS_Register_Identifier table with the ‘individual data stream(s) contributing to the ElectricityDataStream/Suffix value in the CATS_NMI_Data_Stream table’, that is the critical point, and it is the last bullet point on page 31 that further highlights why it should be Mandatory to populate this.</p> <ul style="list-style-type: none"> • The linkage between the RegisterID and ElectricityDataStream/Suffix can only occur if the ElectricityDataStream/Suffix data element is populated in the CATS_Register_Identifier table. As
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						<p>this data element is Optional in this table, the linkage is reliant on action by the MPB to manage and provide this data.</p> <p>In summary our recommendation is to:</p> <ul style="list-style-type: none"> a. Move "Contributory Suffix" (meaning NMI Suffix) from the "may be supplied" to the "must be supplied" category for CATS CR Types which install or update MDM Contributory Suffix i.e. CR25xx, 300x, 305x, 308x & 309x. b. Make it clear that the "Contributory Suffix" must be supplied for "Each register ID" c. Contemplate changing the name of "Contributory Suffix" to something more meaningful d. Changing the MSATS Standing data document so that it is no longer Optional but is Mandatory by changing word in the last paragraph on page 31 from "Optional" to "Mandatory" and changing the "Suffix" element in the CATS_Register_Identifier table on page 24 from "Optional" to "Mandatory"
12.	United Energy	17.4	Metering Coordinator Obligations	<p>Remove from Table (h) MDM Contributory suffix (and insert into table (f) MDM Contributory Suffix (For each register ID). The effect of this change is to make it mandatory to ensure that each unique suffix value (eg E1, B1, Q1, K1) for interval meters is properly recorded in MSATS.</p>	<p>AEMO requires more information with regards to what the participant is requesting, and will contact the participants after publishing the draft determination to clarify</p>	<p>As per above comment.</p>