Communication Ref	**1513 - ML – DA**
Title	**Introduction of an Advanced Meter Reader (AMR) Service Provider (ASP) Identifier (ASP ID) and Advanced Meter Indicator (UNC Modification 487S) – Transition Arrangements – Additional information and Representations**
Date	**04/02/2016**

Dear colleague,

Communication reference **1493.2 – LH- SN - Introduction of an Advanced Meter Reader (AMR) Service Provider (ASP) Identifier (ASP ID) and Advanced Meter Indicator (UNC Modification 487S) – Transition Arrangements** detailed the transitional arrangements for modification 487S. Following the communication we received representations with regards to the change.

Attached below is the SPAA Expert group briefing note to be presented for discussion at SPAA on 10th February 2016.

Attached is a summary of the representations and responses.

These representations will be discussed and approval sought for the change at the February UKLC meeting.

If you have any questions related to this communication please contact me via uklink@xoserve.com

Regards
David

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ASP Briefing Note - For
SPAA EG D…00216.pdf

Record Presence of AMR Equipment and Service Provider

Interim, Transitional and Enduring Arrangements

Updated for discussion at February's SPAA Expert Group

1) Background

UNC modification 0487 *Introduction of an Advanced Meter Reader (AMR) Service Provider (ASP) Identifier (ASP ID) and Advanced Meter Indicator* obligates Shipper organisations to "populate and maintain the Advanced Meter Reading Service Provider (ASP) ID and Advanced Meter Indicator"[1] where this information is available. This modification was implemented on 1st April 2015.

This modification was accompanied by two associated SPAA changes – CP 14/283 *Record Presence of AMR and Provider – Transitional Change* covering the period 1st April 2015 to Project Nexus Implementation Date and 14/284 *Record Presence of AMR and Provider – Project Nexus Implementation Date Change*, to come into effect on Project Nexus Implementation Date and supersede the previous arrangements.

This paper sets out the interim and enduring arrangements. Furthermore it confirms the transitional activities required to move to the Project Nexus arrangements. Following agreement of the approach to these phases, a temporary Schedule will be provided.

2) Interim Arrangements (CP 14/283)

The interim arrangements in advance of UK Link Programme implementation involve ASP Ids being carried in the "SMSO_ID" field within the S98 Smart Data file. This is enacted by CP 14/283 which stipulates that within UK Link Interface flows, ASP organisation details will be conveyed within the "SMSO_ID" field.

As the "SMSO_ID" field will be utilised to identify both SMSOs and ASPs during the interim period, it has been agreed that ASPs will be denoted through the use of an agreed prefix as the first character within the organisational short code. It is proposed that parties utilise a '9' to ensure consistency in transactions. Such organisations will be held in UK Link Organisation Tables as SMSOs as part of this interim change only.

ASP organisations are required to register with Xoserve through the Customer Lifecycle Team and also on MDD as ASPs.

While the interim arrangements enable the identity of the ASP service provider to be identified, the presence of AMR equipment is not explicitly carried. It is considered that the presence of an AMR service provider, as denoted by the '9' prefix, is sufficient to enable parties to derive the presence of AMR equipment at site.

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[1] Solution, p3,
http://www.gasgovernance.co.uk/sites/default/files/Final%20Modification%20Report%200487V%20v2.0_0.pdf

3) Enduring UK Link Programme Arrangements (CP 14/284)

CP 14/284 sets out the enduring arrangements in which both the AMR Service Provider and presence of AMR equipment are explicitly carried. This is achieved through the creation of a new Organisation_Type of ASP within the GEA file, and the creation of a new asset class within the RGMA files.

As ASPs and SMSOs will be explicitly differentiated, the '9' prefix will no longer be required. Organisations will be required to register with Xoserve and MDD as ASP organisations utilising a full three-character short code without the prefix. The existing ASP and SMSO Ids which have been registered as part of the interim arrangements will require end-dating.

4) Transition Arrangements

(a) Proposal

The following potential transition arrangements have previously been discussed at SPAA Expert Group:

i)   Phased transition (as per briefing note 26.06.15, discussed at July's meeting).
ii)   Hard cutover at Project Nexus Implementation Date

The group have advised that a hard cutover would be preferred, with migration rules being applied during the industry agreed non-effective days.

(b) Impacts

During the agreed non-effective days, Xoserve will apply the following migration rule:

Source value: 9AB (9XX) within SMSO_ID

Transformation Value: ABC (XXX) within ASP_ID

In any instance where the "SMSO_ID" field is populated with a 9XX short code, it will be migrated over to the new service provider role "ASP_ID", and the short code replaced with its XXX counterpart. Please refer to Appendix 1 for a list of all ASP IDs registered on UK Link as of 02/02/16, along with the reserved new short codes which will be used from Project Nexus Implementation Date.

In advance of Project Nexus Implementation Date, ASPs must register the new Short Codes as ASP_ID(s) on UK Link systems. If authorised to do so on the ASP behalf, Xoserve will arrange the necessary changes to MDD on behalf of each organisation. The effective date of the new ASP_ID short codes will be the Project Nexus Implementation Date.

Commencing on the Project Nexus Implementation Date, any relevant short codes containing a '9' will be end dated as SMSO_ID(s) on both UK Link Systems and MDD. Any files submitted containing these values will be rejected using the rejection reason ORG00001.

For the avoidance of doubt, Users will not be required to submit any RGMA updates to enact the above migration. Following agreement of the solution, Xoserve will undertake the activities and users will not receive any update notifications.

A further element of the transition arrangements will be the population of the AMR equipment indicator. Users are asked to note the proposal to set the effective installation date in relation to the AMR equipment present at Project Nexus implementation date.

Organisations are reminded of their obligation to arrange an annual check read. The anniversary of the AMR effective date will be used to determine the check read date. Where a check read has not been received by this anniversary date the User will be prompted via the C72 record in the MIN file. If a User fails to provide a read in advance of the anniversary of the installation date as above, this installation date shall be used to derive the check read date.

Upon receipt of the site visit details in the O15 record in the SFN file the revised check read due date will be populated.

Users will not receive a portfolio of the revised details as a result of transition.

SPAA Expert Group are asked to note this approach.

Appendix 1

Reserved ASP ID Short Code will be effective as of Project Nexus Implementation Date.

Short code – SMSO Id	Smart Metering System Operator's Name	Org ID	Reserved short code – ASP ID
9EA	Energy Assets	10006890	EGT
9MS	Siemens PLC	10006949	SIM
9NG	National Grid Metering Limited	10006830	NTG
9SM	Smart Metering Systems Plc	10006869	SMY
9ST	Stark International Software Limited	10006809	SIS
9TA	SMS Data Management Limited	10006829	SDM
9TL	Technolog Limited	10006789	TNL
9TM	TMA Data Management Limited	10006810	TMA

Shipper	Name	Date	In Support / Not In Support	Publish	Shipper Comments	Xoserve Comments
EDF Energy	Bryan Hale	22/12/15		Y	How many SMSO values have been submitted for ASP? i.e. 9XX values?	To date, there are 8 organisations registered as ASP IDs
					How many meter points are in Xoserves system that have an associated ASP "9XX" organisation ID registered against them? I am guessing what you have answered is how many have been registered in MDD?	A total of 19,067 live MPRNs with an SMSO containing a value of '9XX'
					Having looked this up in MDD that seems there are 12 and not 8 ASP organisation IDs. Do you hold all of the above as allowable values in your system?	Out of the 12 organisations registered on MDD, the ones not registered on our systems are 9CU, 9PS and 9UN. These organisations will need to register as ASP's via our customer lifecycle team
					Who will set up the new MDD values for ASP and who will confirm what the "9" should become?	The Lifecycle team within Xoserve, will carry out the necessary changes to MDD with the organisations already having determined what their short code (9XX) will become. We reserve their ASP ID short code (XXX) as and when they register through lifecycle.
						The following '9XX' short codes are registered as allowable

					Can you confirm what the "XXX" values will be for the 12 "9XX" org IDs, especially for "9NG":-	values in our system, I've added the reserved short codes (XXX) on the final column:
					9CU — Customer Equipment 9EA — Energy Assets 9EM — Energy Metering Technology 9G4 — G4S 9NG — NGM 9PS — Pilot Systems 9SM — Smart Metering Systems 9ST — Stark Software International Limited 9TA — SMS Data Management Limited 9TL — Technolog 9TM — TMA Data Management Limited 9UN — Unknown ASP but equipment in situ	9EA — Energy Assets — EGT 9MS — Siemens PLC — SIM 9NG — National Grid Metering Limited — NTG 9SM — Smart Metering Systems Plc — SMY 9ST — Stark International Software Limited — SIS 9TA — SMS Data Management Limited — SDM 9TL — Technolog Limited — TNL 9TM — TMA Data Management Limited — TMA 9G4 — G4S Utility and Outsourcing Services (UK) Limited — GOS * Out of the 12 organisations registered on MDD, the ones not registered on our systems are 9CU, 9PS and 9UN.
Gazprom	Alison Neild	22/12/2015	In support	Y	No comments	Thank you

British Gas	Oorlagh Chapman	04/01/2016		Y	British Gas are prepared to accept 1493.2, subject to confirmation of the following: 1: a) An agreement of how Xoserve will identify the 'presence of AMR', including clarification on any dependency on implementation of MOD487.	Thank you for your comments 1: a) AMR Indicator is a field that is present in the S75 record and MRI (U06 and N90 records) file. An additional document is provided to help support your understanding – but where an SMSO Id starting with 9 is recorded this will be taken to denote presence of AMR.
					b) Prior to Nexus go-live, and for a non-Nexus MOD, BG are required to provide a list of AMT Sites to Xoserve, and then maintain that list; and	b) Prior to PNID BG are required to provide the ASP Id in the GEA file using the Role Code of SMSO Id. No separate list is expected as this will be inferred from SMSO Id.
					c) At Nexus go-live, the industry MODs relating to AMR will have resulted in all the AMR sites being communicated to Xoserve prior to Nexus go-live; and	c) A separate document has been provided to support your understanding. This document has previously been made available to SPAA Expert Group.
					d) At Nexus go-live, there is no requirement to migrate details of AMR sites from BG to Xoserve.	d) If by this statement you are seeking confirmation that there are no additional flows expected from BG to Xoserve, I can confirm that under this proposal I support that statement.

| | | | | | 2. a) An agreement of how Xoserve will inform BG and other Shippers of the list of 'presence of AMR' that are included in the Nexus Go Live e.g. a portfolio extract | 2: a) SMSO Id will have been provided by you with a '9' prefix to indicate ASP, or you will have received this on transfer in an S98 record. |
| | | | | | b) At Nexus go-live, Xoserve will have executed the transformation (transition) rules using the SMSO_ID to derive the ASP_ID on the AMR sites that Xoserve hold in their application databases. At that point, BG will have a list of AMR sites, that SHOULD correspond to the list of AMR sites that Xoserve has.

However to align data quality, BG is requesting that as part of the transformation (transition), Xoserve agree to provide a list of the AMR sites that they have identified and migrated for BG.
Looking at the bigger picture, it might be better that Xoserve provide a full portfolio extract of all the sites migrated, including the AMR sites, obviously including the corresponding data to identify AMR sites. This would allow BG to conduct a full data quality analysis, and it might even be considered a factor in agreeing the success of go-live by the Transition Working Group.

So in order to support the change, BG is requesting that Xoserve commit to providing a portfolio extract of migrated sites at go-live (transition) that will identify the AMR Sites, or at least commit to considering this in the | b) Provision of a portfolio is not considered within the scope of this change. |

					Transition Working Group.	
					4. In addition British Gas would like an assurance that the amalgamation of the installation dates (and the subsequent resetting of the installation dates post Nexus) will have no consequences for any retrospective work required.	4. It isn't particularly clear what 'amalgamation of the installation dates' is intended to convey. I assume you mean setting the installation dates as the PNID. When you refer to retrospective updates, I assume you mean updates that are prior to the processing date of the JOB or UPD file. The AMR effective date itself will not prevent you providing a JOB or UPD with an effective date prior to this date. IF a reading is provided, the JOB and UPD will not be able to effect the asset update with an effective date on or prior to the reading date.