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PN UNC Workgroup

Retrospective Updates
23rd August 2011



Objectives of the Workgroups

- Determine detailed business requirements
- Consider/review comments made during the Project Nexus consultation
- Review existing Modifications relevant to the topic area
- Workgroup deliverables;
 - Process maps
 - Business Requirements Document. Document to provide sufficient definition around business rules to:
 - Enable the proposed requirements to be incorporated in xoserve's investment decisions, and
 - Support the raising of any UNC Modification Proposals
- Monitor & align with latest SMIP position
- Focus will be on requirements for Project Nexus delivery

Approach & Workplan

- Agree scope
 - And areas for consideration
- Consider requirements from other Workgroups;
 - Settlement
 - AQ
 - Reconciliation
 - PN UNC
 - Supply Point Register
- Consider any relevant live Modifications
 - Mod 0395: Limitation on Retrospective Invoicing and Invoice Correction
- Agree future requirements
- Develop process maps and detailed business rules

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Project Nexus Consultation Responses

Ref	Requirement	Rationale	Source
9. Treatment of Retrospective Updates			
9.1	Shippers should be allowed to submit retrospective updates, in particular for the SSP market.	This will allow Shippers to correct inaccurate meter data, the impacts of which are only realised when the AQ is re-calculated.	EDF Energy
9.2	The ability to amend incorrect meter read data after the submission of a later meter read.	The inability to amend incorrect data has caused a number of issues from allocation of energy to Aqs being inaccurately calculated.	npower
		Allowing the re-submission of a read or opening read after an earlier read has been submitted, would often avoid shippers having to go down the ISD route and result in a much more streamlined process, benefiting both the Shipper community but also the Customer.	Total Gas and Power
		Improvements to data quality by ensuring that wherever possible the meter readings in the system reflect reality.	Shell Gas Direct
9.3	Allow for retrospective data to be updated.	The current systems are deficient in that they do not allow for retrospective data to be updated and in many cases requires the data to be manually manipulated to incorrect data to be accepted in xoserve systems. This is not acceptable, reduces data quality and should be rectified as part of this project.	Scottish Power

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Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
9. Treatment of Retrospective Updates (contd)			
9.4	Easier submission of data update requests.	Suppliers should be able to submit data update requests far more easily than the current systems allow. This should include the ability to update previous erroneous data.	Corona Energy
9.5	More flexible processing of meter reads.	Currently actual reads submitted cannot be replaced even if they are subsequently found to be incorrect. The benefits of having a more flexible system include a reduction in the number of invoice queries submitted, therefore reducing costs to xoserve and Shippers, also, the number of Inter-Shipper Disputes (ISD) as a result of late transfer would be reduced.	GDF Suez
9.6	Make validation rules fit business requirement.	The current validation rules need to be revised to enable users to load to replacement reads and changed meter details in scenarios where they currently unable.	Scottish and Southern Energy

Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
11. Data Management - Data Hub			
11.7	Review data updates and who is able to submit updates at any point in time	The current arrangements are sub-optimal and do not maximise the accuracy of industry data.	British Gas
13. Data Management - Exchange and Flows of Data			
13.3	Data updates from non registered shippers	Currently data is protected against updates by “the wrong shipper”, however sometimes this results in rejection of “Valid” data. These arrangements are sub optimal and do not maximise the accuracy of industry data. Whilst the need to protect the integrity of settlement remains all shippers and suppliers would benefit from refinement of these arrangements. xoserve would also benefit via reductions in resubmitted flows.	British Gas
13.10	A thorough review of data flows and data validation.	Revised RGMA file validations, enabling Users to update asset information more efficiently, particularly with regards to the supply point transfer process where data updates from the previous supplier may not have successfully updated the supply point register.	Shell Gas Direct

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Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
13. Data Management - Exchange and Flows of Data (contd)			
13.12	The process for shippers to revise standing data for sites on their portfolio should be streamlined and allow for the registered shipper to complete data changes quickly.	Currently where shippers need to revise the standing data for sites on their portfolio the process is unnecessarily complex and time consuming. Often, reconfirmation is necessary for a simple data update where the supply point is not changing ownership for example, de-aggregation, aggregation and AQ appeals. This is a cumbersome process and it currently takes 8 working days for the withdrawal plus 12 working days to re-confirm. This process should be streamlined and allow for the registered shipper to complete data changes quickly.	GDF Suez
13.18	Systemised data changes	Avoidance of manual intervention to make data changes.	Corona Energy
13.22	Direct amendment of data held in xoserve's database.	We also would like to see a process whereby the Registered User can amend data held in xoserve's database directly. Obviously there would need to be a level of control and audit trail. Details of how this could be operated would need to be developed in conjunction with the industry.	British Gas
		Access to data and the ability to change and update items is central to DNO activities. Project Nexus provides an excellent opportunity to increase the efficient operation of the data access processes by amalgamating systems, with potentially adding different access levels to perform multiple tasks.	Scotia Gas Networks

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Project Nexus Consultation Responses cont.

Ref	Requirement	Rationale	Source
13. Data Management - Exchange and Flows of Data			
13.29	The ability to update inaccurate data items for all supply points, domestic and industrial/commercial should be enhanced.	Data errors impact on a wide range of processes from Gas Safety Regulation activities (service cut offs etc) and attendance during gas emergency situations. Where the DN encounters data errors whilst performing day to day activities, the ability to amend or successfully influence the amendment of inaccurate data items should be enhanced.	Scotia Gas Networks

Agreed High Level Principles (June 2010)

- Standing data, relating to sites and to meters attached to sites
- Transactional data, such as consumptions
- Shippers will have the ability to update/amend/correct both standing and transactional data, within a set time-frame. After expiry of that time limit, probably aligned to the Reconciliation cut-off date no further amendments would be accepted.

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Areas for Further Consideration (from High Level Principles)

- The following aspects of retrospective updates were raised, but require further discussion or consideration before any conclusion can be reached.
 - Any validation of data updates to prevent/detect errors
 - Any direct linkage to financial adjustments or to other data items, such as AQ
 - The ability of Shippers to amend data for periods outside of their ownership
 - The ability of Gas Transporters to amend data
 - Amendments by parties other than the incumbent (e.g. previous/subsequent Shippers or GTs) require further consideration because of the impact on the incumbent's records, and the potential for those records to be out of line with the GT's

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Scope??

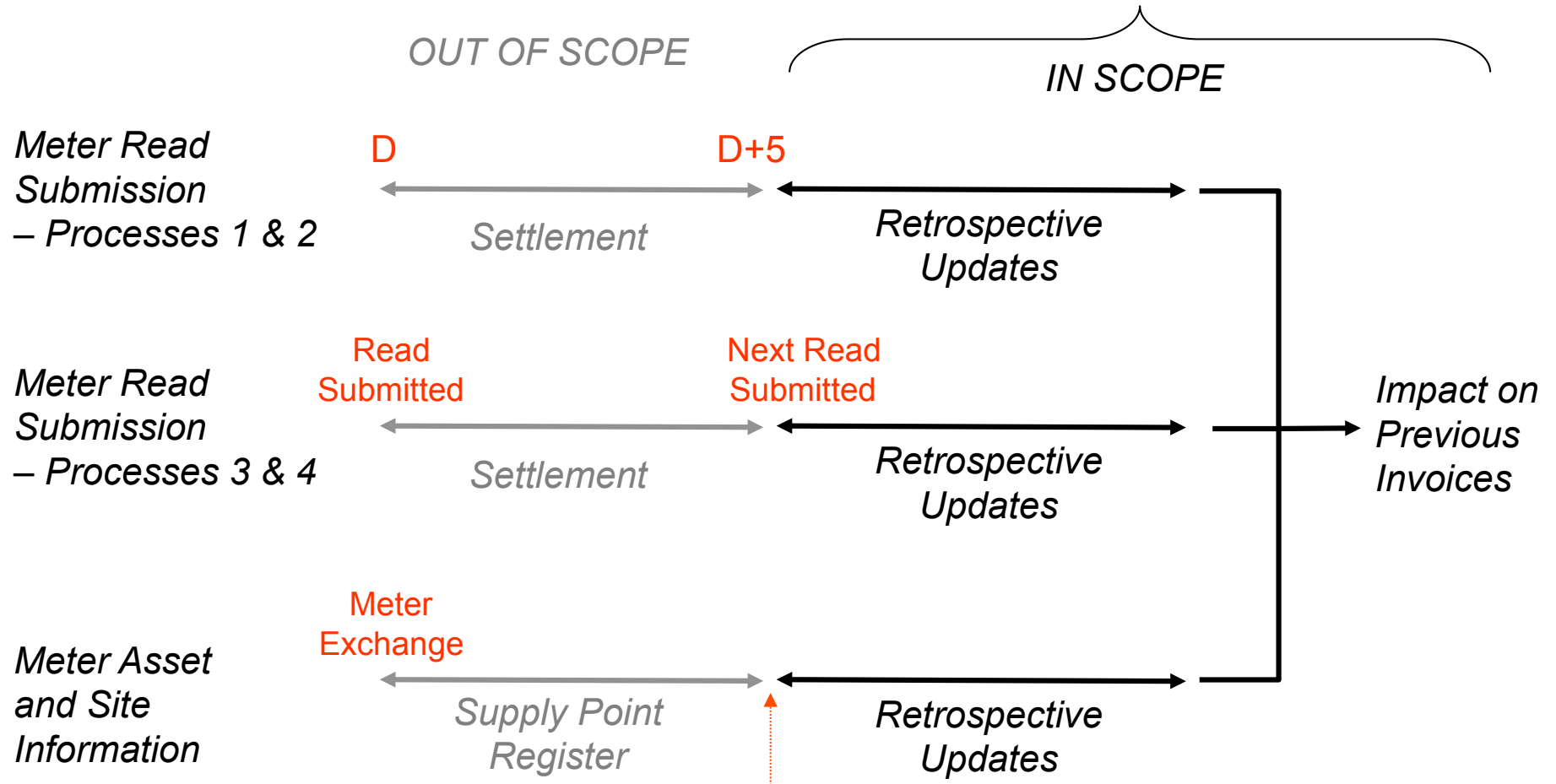
- Functions;
 - Asset data
 - Meter reads
 - identified during Settlement & Rec workgroup
 - Address data
 - Meter Point status
 - Any issues re Shipperless/un-registered sites?
- Sector;
 - Who can update,
 - How the update is carried out
 - When & timeframes

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Retrospective Updates – Suggested Scope



Next Read/
Exchange Submitted/
Shipper Transfer



What are Retrospective Updates?

- Correction of
 - standing data or
 - transactional data or
 - absence of standing or transactional data
- Standing data could be
 - Meter asset
 - Site-related
 - Ownership of site
- Nature of error
 - Could be incorrect data
 - Previously correct data, now out-of-date
 - Missing data

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Typical Types of Data Error

- Incorrect standing data
 - e.g. metric/imperial indicator
- Missing standing data
 - e.g. no meter asset attached
- Incorrect meter status
 - e.g. capped/clamped indicator
- Incorrect site data
 - e.g. postal address
- Incorrect ownership status
 - e.g. withdrawn in error
- Incorrect transaction data
 - e.g. incorrect meter read/volume
- Missing transaction data
 - e.g. missing meter exchange



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Impacts on Previous Invoices

- Retrospective correction of data may mean that previous invoice charges are incorrect
- Impact could be direct or indirect
 - E.g. incorrect meter asset data results in incorrect volumes and reconciliations
 - E.g. erroneous capped status leads to erroneous isolation and erroneous cessation of allocation



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Current Principles re Data Updates

- Data owner updates the data – only the incumbent Shipper can supply updates
- System constraints drive many current principles
 - Only the latest read can be replaced
 - Earlier consumptions can be amended by Consumption Adjustment (LSPs only)
 - Missed meter exchanges can only be loaded after the last meter read
- Any financial adjustments are not automatic – must be requested once the data has been amended

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