



Registry Amendments Implementation Group Meeting # 1

23 October 2014

Agenda

Agenda Item		Time
1.	Welcome and introduction	14:00
2.	Project overview	14:05
3.	Issues arising from SoP submissions	14:45
4.	Data cleansing approach and methodology	15:45
5.	Wrap up and next steps	16:55

2 PROJECT OVERVIEW

Project overview

Key tasks

- agreement on rule drafting;
- agreement on changes to registry functional spec;
- data cleansing;
- implementation plan;
- population of test environment;
- UAT;
- go live decision

Indicative timeline

Date	Deliverable
October 2014	<ul style="list-style-type: none">• Agreement on definitions and rule drafting for the Recommendation• Agreement on amendments to the Gas Registry – Detailed Requirements Specification in order that Jade Software can finalise pricing
November 2014	<ul style="list-style-type: none">• Agreement on scope and methodology to be applied to the data cleansing process as detailed in the Draft data cleansing scope and methodology document• First exchange of data
December 2014	<ul style="list-style-type: none">• An understanding of the magnitude and quantity of the differences to be reconciled in metering data held between the registry, retailers and meter owners
April 2015	<ul style="list-style-type: none">• Quality thresholds for data cleansing met
May 2015	<ul style="list-style-type: none">• Population of UAT system with new metering data
July 2015	<ul style="list-style-type: none">• Go-live

Governance

- Gas Industry Co
- Project manager

Group communications

RAIG email distribution list for:

- Communications on project progress/data cleansing/meetings
- Short-form consultation on any urgent issues that arise
- Notifications e.g. UAT software releases, outages

Possible use of online collaborative platform for:

- Managing an ongoing issues register
- Updating the group on progress with cleansing tasks
- Send, share and update documents & logs

Jade will also use issue management software (JIRA)

Terms of Reference

Any comments on the remaining items in the Terms of Reference?

3 ISSUES ARISING FROM SOP SUBMISSIONS

Core fields

Meter pressure

“Meter pressure means the **gauge** pressure on which the volumetric measurement is based, ~~measured as gauge, not absolute, pressure expressed in kPa. Used to convert the measured volume of gas to the volume of gas at standard pressure~~”

Register reading digits

“The number of moving dials on the meter register index that represent whole units, plus any painted or fixed digits that represent whole units”

Register multiplier

“The factor by which a quantity taken from a register reading is multiplied in order to convert to cubic metres”

TOU & Advanced meters (1)

Purpose of the TOU/advanced meter distinction:

- To identify meters with TOU capabilities to retailers, irrespective of whether or not they are used as such;
- To identify mass market meters with advanced meter capabilities (i.e. periodic data logging and telemetry);
- To identify meters with multiple registers, where GMS information needs to be communicated between retailers during a switch (and where the GTN fields will not be validated);

TOU & Advanced meters (2)

Revised definitions proposed:

TOU Meter

“A meter which has an associated datalogger to allow register readings or gas consumption to be recorded automatically at pre-determined intervals”

Advanced Meter

“A meter which has an associated datalogger to allow register readings or gas consumption to be recorded automatically at pre-determined intervals, for which daily gas consumption is not required to be submitted for allocation purposes”

TOU & Advanced meters (3)

Registry business rules:

Advanced Meter

No change to existing registry business rule:

IF Advanced Meter Owner = **None** → Advanced Meter = **No**

IF Advanced Meter Owner \neq **None** → Advanced Meter = **Yes**

TOU Meter

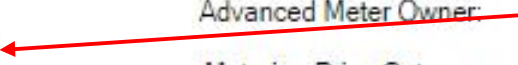
IF Logger Owner **AND** Corrector Owner = **None** → TOU Meter = **No**

IF Logger Owner **OR** Corrector Owner \neq **None** → TOU Meter = **Yes**

TOU & Advanced meters (4)

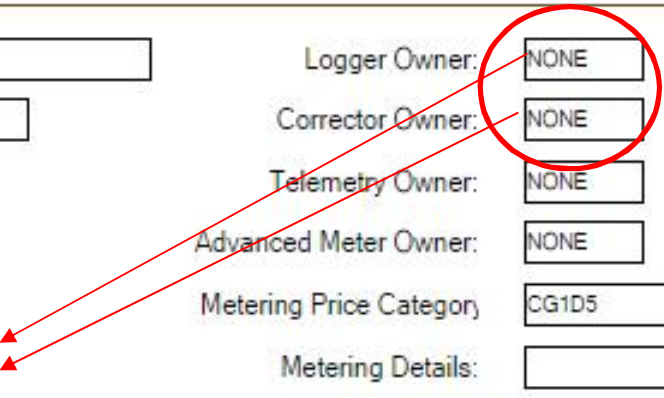
Metering

Meter Identifier:	262007	Logger Owner:	NONE	Event Date:	22/12/2009
Meter Location Code:	OUT	Corrector Owner:	NONE		
Standard Meter	<input type="checkbox"/> Y	Telemetry Owner:	NONE		
Pre-Pay Meter:	<input type="checkbox"/> N	Advanced Meter Owner:	NONE		
Advanced Meter:	<input type="checkbox"/> N	Metering Price Category	CG1D5		
		Metering Details:			



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Advanced Meter:	<input type="checkbox"/> N	Metering Price Category	CG1D5		
TOU Meter:	<input type="checkbox"/> N	Metering Details:			



File versioning

Old vs new format:

- New version of registry files includes new fields (meter pressure, register reading digits, register multiplier and TOU meter)

Feedback from SoP:

- All participants were supportive of participant level versioning, with two requesting further capability to download batch files with all ICP parameters – would individual level versioning for the LIS file be enough to achieve this?
- Two participants highlighted the need to have a limited lifetime for the versioning function – GIC agrees with this and proposes a 24 month duration of the transition function

File versioning (2)

ICP Listing

Snapshot Report

Event Detail Listing

File Audit Listing

Maintenance Breach Report

Gas Gate Table Report

Current Details Report

Switch Length Report

Switch Breach History Summary

Switch Breach History Detail

Current Switch Breach Summary

Current Switch Breach Detail

ICP Listing

☐ Include Address

Status:

Other Participant:

ICP Type Code:

Gas Gate Code:

Expected Retailer:

Role:

Profile Code:

Metering Price Cat.:

Network Price Cat.:

Loss Factor Code:

Load Shedding:

Allocation Group:

Standard Meter: ☐ Logger owner:

Prepay Meter: ☐ Corrector owner:

Advanced Meter: ☐ Telemetry owner:

Adv. Meter owner:

Start date:

End date:

Include new fields: ☒

Submit

Cancel

Audit provisions

Issues raised in SoP:

- Only material changes should have to be notified to the GIC for system change audits (rule 88.5)
- Participants must have a material interest in the audit to be given draft and final reports
- Concerns around timeframes and the definition of “baseline” audits

GTN validation

Feedback from SoP:

- Validation will require a high level of data cleansing; and
- One submitter suggested a delayed implementation of the validation check – GIC agrees that this could have value; considering a six month grace period where discrepancies would be flagged but GTNs will not bounce

Reduction in switch timeframe

Main issue raised in SoP:

- Uncertainty around how data discrepancies will be managed

Temporary disconnection status

Issues raised in SoP:

- Code used should not be one already used in the GANZ disconnection and reconnection protocol (suggestion of GTD)
- Use of the code should only be allowed for three months, before the ICP status must be returned to GAS, or the ICP disconnected. Emphasis needs to be that it is a temporary status code.

4 DATA CLEANSING APPROACH & METHODOLOGY

Scope

In Scope	To be decided	Out of Scope
<i>Population:</i>		
All non TOU ICPs (Σ =326k, Active=273k)	TOU ICPs (Σ =518; Active=453)	
<i>Participant involvement:</i>		
Retailers	Distributors	
Meter Owners		
<i>Fields:</i>		
Meter ID	Allocation group	Address ¹
Meter pressure	CCM band (load shedding category)	Meter location code
Reading digits	Gas gate code	
Meter multiplier	Logger Owner	
ICP status	Corrector Owner	
Meter type (TOU vs non TOU)		

¹Basic error checking on address fields will be carried out by GIC

Data cleansing stages

Stage	Priority	Activity	Requirement	Responsibility
1 Ownership	High	ICP – MET	Meter Owner responsibility for ICPs – check that retailers/meter owners/registry are consistent regarding which meter owner is responsible for which ICP	REG, RET, MET
	High	ICP – RET	Responsible retailer match – need this to coordinate who is checking what & who is responsible for updating/checking values	REG, RET, MET
2 Metering fields	High	New fields	Check consistency between retailer & meter owner. Check where meter pressure = network pressure	RET, MET
	High	Existing fields	Check consistency between retailer, meter owner and registry	REG, RET, MET
3 TOU vs non TOU	High	Ownership	As determined by logger/corrector ownership	RET, MET
	Medium	P-M-R match	Check all non TOU ICPs have ICP=#M=#R=1	RET, MET
	Medium	Allocation grp	Check consistency with TOU determination	REG, RET, MET
4 ICP Status	Medium	ICP status		REG, RET, MET, DIS
5 CCM band	Medium	CCM band	Expiry of designations on 1 December 2014	GIC, RET, DIS
6 Address	Medium	Gas gate	Check ICPs are reconciled against correct gas gate	GIC, RET, DIS
	Low	Address checking	High-level address cleansing e.g. wrong or misspelt region/town/suburb likely to impact search results	GIC, RET, DIS

Information flow between participants

First stage:

- Meter owners and retailers send data files to GIC reconcile. Discrepancies sent back to retailers and MOs.

Following stages - options:

- Retailers and MOs send data files directly to each other, GIC is notified periodically of status. GIC to only do reconciliation of retailer/MO data with the registry data for existing fields (preferred option); or
- GIC acts as intermediary

Monthly reports will be required to manage switches made during the data cleansing process

Information exchange

- Suitability of MM-010
- Smaller file size than Part 10 exchanges
- Ok to use email?
- Use data hub when it's up and running (and exchanging files between participants will be useful UAT for data hub)
- An appropriate mechanism to keep an issues register up to date?

Insolvent retailers arrangements: proposed content of customer information file

ICP	Postal address town	ICP status code	Meter identifier
Customer name	Postal address postcode	Access Issues	Meter location code
Phone Number Home	Postal address country	Access Additional Information	Last actual reading date
Phone Number Work	Event date	Dog code	Meter pressure
Phone Number Mobile	Customer no.	Dog Note Additional Information	Number of registers
Fax number	Customer title	Hazard Description	For each register within the meter:
Email address	Surname	Distributor code	Record type
Postal free form	First name	Maximum hourly quantity	Register multiplier
Postal address unit	Finalled date	Network price/tariff code	Number of dials
Postal address num	Gas Gate	Loss factor code	Register content code
Postal address street	Allocation group	Annualised consumption estimate	Meter reading
Postal Box/RD	Dual fuel customer	Date of last bill	Billed reading
Postal address suburb	Curtailment band	Billing type code	

Acceptance criteria

Stage	Priority	Activity	Acceptance criteria
1 Ownership	High	ICP – MET	
	High	ICP – RET	
2 Metering fields	High	New fields	
	High	Existing fields	
3 TOU vs non TOU	High	Ownership	
	Medium	P-M-R match	
	Medium	Allocation grp	
4 ICP Status	Medium	ICP status	
5 CCM band	Medium	CCM band	
6 Address	Medium	Gas gate	
	Low	Address checking	

Data cleansing approach

- Comparison of field(s) for each ICP
- Identify differences
- Identify source of error or verify with participant who has the responsibility for the field
- GIC expectation is that this exercise won't involve a significant number of site visits...
- ...but we are aware that some retailers are proactively asking meter readers to take photos of gas meters

5 WRAP UP & NEXT STEPS

Proposal for next meeting date

Wednesday 26th November

or

Thursday 27th November

- Provides ample time for initial supply of data and first look by GIC
- Shortly before the Recommendation will be sent to the Minister

Action points

GIC to finalise & circulate:

- Terms of reference
- Data cleansing scope & methodology
- Confirm content and format of data files

Retailers & meter owners to:

- Confirm email addresses for distribution list
- Confirm capability to supply monthly ICP export reports
- Supply first report to GIC for preliminary analysis