

RGMA Market Trials - Key Messages

As at Saturday, 16th April: Changes since Friday 15th underlined

Testing

- All Core testing as previously reported is complete
- Non-Core E2E testing 93% complete - 2 steps remain (1 Prime & Sub scenario, 1 C&D store scenario) (See Slide 9 for details)
- 13 Non-Core tests cases outstanding, defects are being progressed with target resolution date w/c 18th (See Slides 6-8 for details)

Validations

- 4 (-1) High Volume validations are outstanding – fix implemented this weekend, issue not resolved for some rejection codes
 - Total occurrence of the 4 validations per month constitutes 1% of all transactions – (See Slide 10 for details)
- 32 (-20) Low Volume test cases are outstanding – fix implemented this weekend, issue not resolved for some rejection codes, defects being progressed for all rejection codes
 - Total average occurrences for all 32 validations constitute 0.1% of all transactions.

Defects

- 2 Major defects are still outstanding (both have been included on previous PNSG slides).
 - Defect 7770 – Description Notes and RGMA reference for Validation testing (to be delivered this weekend).- partially fixed this weekend, ongoing testing to resolve all defects.
 - Defect 8062 – Multiple RESPN files being issues (delivery date TBC).
- All other major defects have been resolved.

Additional Comments

- No further issues have been identified in addition to those previously submitted to PNSG.
- All outstanding test case scenarios (13 non-core) have been defined in the appendix with detail on the scenario impacted, along with the relevant file type, and a very high level impact commentary included.
- Xoserve can provide more detail next week on these if it would support participant testing.

Overall Status By Process

Change Since Friday 15th Highlighted Green

Process	MT Scenario Mapping	E2E activities Complete	Clarifications Test Case Volume	Test Cases Started	Test Cases Completed	Test Cases Remaining	Open Critical / Major Defects
Asset Install	8.1	Complete	23	23	23	0	0
Asset Removal	8.5, 11.1, 11.2	Complete	11	11	11	0	0
Asset Exchange	8.2	Complete	15	15	15	0	0
Asset Update (Billing Critical)	8.3	Complete	10	10	10	0	0
Asset Update (Non Billing Critical)	8.4	Complete	5	5	5	0	0
Non-Core Process	8.6, 23.1, 23.2, 23.3 **	93% (+7%)	91	91	78	13	0
Validations High Volume	N/A	N/A	29	29	25	4 (-1)	2
Validations Low Volume	N/A	N/A	71	71	39 (+20)	32 (-20)	
TOTAL			255	255 (100%)	206 (81%)	49 (19%)	2

** Non core also includes RGMA functionality which sits outside the defined MT scenario scope

Validations high volume >125 total instances per month across all participants

Managing Issues Carried into MT

Reported to PNSG Monday 11th

Issue Summary	Processes Impacted	MT Impacts
<p>DRS Meter Reads: When a meter and convertor activity is completed the system will send a single DRS file containing 2 reads with the same date. This behaviour differs in legacy; one read is sent with a date of D and the other with D+1</p> <p>Points to note:</p> <ul style="list-style-type: none"> • 5,587 of 24mil sites currently have a corrector installed 	<p>Asset Exchange, Install, Removal (where convertor is fitted)</p>	<p>This will impact organisations whose systems are unable to accommodate 2 reads on the same date</p> <p>NB Industry engagement via the UKLC Solution Design Group is in progress to discuss impacts</p>
<p>Response Notes mapping: (Defect 7770) For 30 (of 116) rejection code scenarios, the response notes are incorrect leading to rejection files being sent with erroneous content within this field.</p> <p>Missing RGMA reference code (i.e. location of the error in the file) impacting 31 rejection codes (including 4 high volume codes) . Rejection should include the error location, Marketflow is not producing this.</p> <p>Points to note:</p> <ul style="list-style-type: none"> • Of the 30 problematic rejection codes only 5 are high volume scenarios • An exception is still generated and rejection code mapping is unaffected • A fix is in progress for this issue 	<p>Validations</p>	<p>Systems which utilise the rejection code to process exceptions will be unaffected by this issue.</p> <p>Participants will not be provided with the full rejection details and will not be able to locate the position of the error in the file.</p> <p><u>Expected fix, test and release is due Saturday 16th April – fix did not resolve all issues, ongoing defect resolution w/c 18th.</u></p>
<p>Data Update Code (DUC) within the JOB file: If a JOB file is sent with DUC populated, the field will be ignored</p> <p>Points to note:</p> <ul style="list-style-type: none"> • The absence of DUC functionality in the JOB file does not adversely impact business process. To undertake an asset update followed by an exchange a UPD file must be sent followed by a JOB file 	<p>Asset Install, Exchange, Removal</p>	<p>A DUC value should not be passed within the JOB file.</p> <p>NB Industry engagement via the UKLC Solution Design Group is in progress to discuss impacts</p>

Managing Issues Carried into MT

New Issues

Issue Summary	Processes Impacted	MT Impacts
<ul style="list-style-type: none">• AMT Splitting & Routing (Defect 8062) – a single RESPN (record) should be issued on the response file. AMT Marketflow is generating two RESPN records on the response file when an error is found in Marketflow and an error in SAP. It should generate a single RESPN for all errors. Impacts both JRS and UPR file.	Validations	Participants will receive multiple RESPN records in response files. Expected fix, test and release TBC (post 15 th April)

The other global splitting and routing issues previously reported has been resolved.

Appendix: RGMA Outstanding Test Scenarios

- Test scenarios detailed on the following slides have open defects and **should not** be tested by participants.
 - Scenarios are particular to specific transaction and data conditions
 - Full details of the scope of the scenario, the associated data conditions (pre-requisites) and expected results are provided.
- **All other RGMA scenarios that are not detailed here can be tested by participants.**

RGMA Testing Scenarios Outstanding

Test Scenario	Associated Internal Defect ID	Files Impacted		MT Process Impacted	Impact Commentary
		In	Out		
<p>(108) Description: Test a billing critical attribute update (number of dials) with reads and RTC has been provided through UPD file . The dials has been increased from N to N+X. Read to be provided with no zeroes prefixed. Pre-requisites: Meter point status is live , asset status is live and meter and converter at site Expected results: Asset activity will happen successfully. One N95 records would be derived. RTC and the read for closing of both meter and converter. As the reading in file has more characters, then superfluous digits shall be removed from the right.</p>	8437	UPD	UPR	Updated to Billing Information	Specific scenario as detailed cannot be tested. If it is, asset update will fail and no response issued
<p>(119) Description: Test the converter install activity through JOB file, when the last read date is less than 01-OCT-1995 Pre-requisites: Meter point status is live and meter at site with last read loaded before 01 Oct 1995. Expected results: File should be rejected with appropriate rejection code</p>	6596	JOB	JRS	Meter Exchange	Specific scenario as detailed cannot be tested, if it is rejection code will not be created and no response issued
<p>(120) Description: Test the meter exchange activity through UPD file, when the last read date is less than 01-OCT-1995 Pre-requisites: Meter point status is live and meter at site with last read loaded before 01 Oct 1995. Expected results: File should be rejected with appropriate rejection code</p>	6596	UPD	UPR	Meter Exchange	Specific scenario as detailed cannot be tested, if it is rejection code will not be created and no response issued
<p>(136) Description: Test the converter removal (RMOVD) through UPD file Provide reads but no RTC for converter. Do not provide read for meter. Pre-requisites: meter and converter installed at site. Expected results: File processed and system updated. DRS(Dataset Read Notification) file should be generated with 2 N95 1)capturing the closing read and RTC of meter and converter and 2) an opening read and RTC for meter.</p>	8231	UPD	UPR DRS	Meter Removal	Specific scenario as detailed cannot be tested, system is not being updated and DRS generation failing
<p>(154) Description: Test Bypass status opening can be done as a standalone activity using UPD file, The measuring devices should not be reported (there is none at site). Pre-requisites: No devices at site and site is isolated. But a converter and meter present in the previous installation. No bypass at site. Expected results: File will be accepted and Bypass will be opened on the site . Outbound files will be triggered. DRS triggered with 2 N95 records, (final and opening reads and RTC of meter and converter)</p>	8467	UPD	UPR DRS	Bypass	Specific scenario as detailed cannot be tested, outbound files are not being generated

RGMA Testing Scenarios Outstanding

Test Scenario		Associated Internal Defect ID	Files Impacted		MT Process Impacted	Impact Commentary
			In	Out		
5	(154) Description: Test Bypass status opening can be done as a standalone activity using UPD file, The measuring devices should not be reported (there is none at site). Pre-requisites: No devices at site and site is isolated. But a converter and meter present in the previous installation. No bypass at site. Expected results: File will be accepted and Bypass will be opened on the site . Outbound files will be triggered. DRS triggered with 2 N95 records, (final and opening reads and RTC of meter and converter)	8467	UPD	UPR DRS	Bypass	Specific scenario as detailed cannot be tested, outbound files are not being generated
6	(48) Description: Test the meter activity through JOB file with transaction type code OTVST and transaction reason code CLAMP and report meter asset status is CA. No RTC provided in the read segment. Pre-requisites: The meter point status should be live , asset status should be live. Expected results: The site would be isolated , meter asset status code will be updated ,and isolation flag would be set . Reads would be loaded and DRS generated if .Outbound files should be triggered. No C&D store update should be done and hence no CDR generated.	8223	JOB	JRS DRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, DRS is not being generated
7	(49) Description: Test the meter activity through JOB file with transaction type code OTVST and transaction reason code UNCLAMP and report meter asset status is LI.RTC provided. Pre-requisites: The meter point status should be isolated , asset status should be capped / clamped. Expected results: The site would be reconnected, meter asset status code will be updated to LI ,and Stop Commodity Flag would be unset . JRS Outbound files-should be triggered. Reads would be loaded. No C&D store update should be done and hence no CDR generated.	8339	JOB	JRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, outbound file not generated
8	(57) Description: To test bypass removal along with convertor and meter report in JOB file Pre-requisites: The site should have BYPASS set . The site should meter and convertor live . Expected results: The file will be rejected and bypass will not be removed	8218	JOB	JRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, rejection not being generated
9	(59) Description: To test bypass install along with convertor and meter report in JOB file Pre-requisites: The site should not have BYPASS set . The site should meter and convertor live . Expected results: The file will be rejected and bypass will not be installed	8218	JOB	JRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, rejection not being generated

RGMA Testing Scenarios Outstanding

Test Scenario		Associated Internal Defect ID	Files Impacted		MT Process Impacted	Impact Commentary
			In	Out		
9	(59) Description: To test bypass install along with convertor and meter report in JOB file Pre-requisites: The site should not have BYPASS set . The site should meter and convertor live . Expected results: The file will be rejected and bypass will not be installed	8218	JOB	JRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, rejection not being generated
10	(79) Description: Test Bypass status removal can be done as a standalone activity using UPD file, The measuring devices should not be reported. Pre-requisites: Meter point status is live , meter and converter at site, Bypass has been open in the site , asset status is live Expected results: File will be accepted and Bypass will be removed on the site . Outbound files will be triggered. DRS triggered with 2 N95 records , (final and opening reads and RTC of meter)	8466	UPD	UPR DRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, outbound file not triggered
11	(82) Description: Test Bypass status closing can be done as a standalone activity using UPD file, The measuring devices should not be reported (there is none at site) Pre-requisites: No devices at site and site is isolated. But a converter and meter present in the previous installation. Bypass is open. Expected results: File will be accepted and Bypass will be closed on the site . Outbound files will be triggered. DRS triggered with 2 N95 records , (final and opening reads and RTC of meter and converter)	8467	UPD	UPR DRS	Outside of defined MT scenarios	Specific scenario as detailed cannot be tested, outbound file not triggered
12	(08) Description: To test two or more RGMA files are received with effective date of work on the same day through JOB file followed by a non billing activity. Pre-requisites: Expected results: The first file received Should be accepted, and the subsequent files should be rejected as there is read due to the first asset activity	8258	JOB	JRS	Validation	Specific scenario as detailed cannot be tested, files not being generated
13	(12) Description: Test two or more RGMA files are received on the same date with no appointment/read date, by a converter update through UPD file first (non billing critical but reads provided) and meter update through UPD file later (non billing update with reads) Pre-requisites: Site with Meter and Convertor update Expected results: The first file received Should be accepted, and the subsequent files should be rejected as there is read due to the first asset activity	8360	UPD	UPR	Validation	Specific scenario as detailed cannot be tested, rejection not occurring.

RGMA Testing Scenarios Outstanding

Test Scenario		Associated Internal Defect ID	Files Impacted		MT Process Impacted	Impact Commentary
			In	Out		
14	Non-Core E2E: C&D Store update values: C&D Store is defaulting pulse value updates when an update is being issued to 99	5058	JOB	JRS	C&D Update Acceptance	Cosmetic update in C&D store, no perceived impact, value in C&D store will not reflect actual value
15	E2E: Prime & Sub exchange scenario utilizing online internal screens for a Class 3 Prime scenario . Impacts internal activity (screens) specifically exchange.	8268	N/A	N/A	Outside of defined MT scenarios	Impacts Prime & Subs – cannot exchange in this scenario

RGMA High Volume Validations / Rejection Codes Outstanding

RGMA Rejection Code Details	Defects
04101 Rejection Code - Duplicate file i.e. File Identifier is not unique for a Shipper - A0186	7770
02113 Rejection Code - Hours, Minutes, Seconds not valid time, and not AM or PM - A0nnn	7770
13101 Rejection Code - A Record that is Mandatory within the transaction type is not present - X dataset missing for Y activity	7770 & 5655
04102 Rejection Code - Duplicate Transaction already received within this file - Transaction X in the incoming file is Duplicate. (Note : Where X is the position of the transaction in the file) - A0055	7770 & 6476