

# Market Participant Test Kit Version 5.3

January 26, 2018

Issued by SP Services Ltd

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Previous Version Number	Previous Version Date	Summary of Changes Made to Previous Version
--	--	Created based on the Requirements specifications for the Retail Electronic Business Transaction (EBT) Requirements v1.10 system and Market Participant User Manual v1.06
1.0	January 7, 2002	<ul style="list-style-type: none"> <li>• The Test Kit now applies to Non-Market Participant Retailers as well as Market Participant Retailers</li> <li>• Participants are required to follow the test schedule and can only use the data provided in their data pack (including following the sequence of Transaction Ids given in the Information for Participant tables)</li> <li>• The requirement to register as a Participant with the MSSL has been removed from the First steps section, as – for the purposes of testing – this registration will occur when the MSSL loads their Market Participant Test data</li> <li>• A comment related to Digital Certificates has been added to the First steps section</li> <li>• Participants should now send their certification checklists to the MSSL, not the EMA</li> <li>• Based on November MSS Code</li> </ul>

Previous Version Number	Previous Version Date	Summary of Changes Made to Previous Version
continued from above	continued from above	<ul style="list-style-type: none"> <li>• Part 4 has been renamed and restructured as the Test Execution Roadmap, and supercedes the individual test scripts Testing Scripts MPT-A1_W01.doc to Testing Scripts MPT-E1_W01.doc</li> <li>• In section 4.2-Conducting the Tests it has been stipulated that testing must start between 10am and 12 noon each day in order to allow time for the MSSL to complete various manual tasks.</li> <li>• Updated the Certification Checklist: all scenarios are now required to be completed for certification within a single cycle; consumer transfers from a DMP to an MPR, consumer transfers from an MPR to a DMP, receipt of daily usage files, and initiating terminations are now required for certification</li> <li>• A column for the date and time the file exchange took place has been added to the tables in Part 5 to facilitate any future audit of the test results</li> <li>• Removed Appendix B</li> <li>• Added the definition of Market Participant Retailers to the Terminology section</li> <li>• Tidied the Scenario Detail Tables and Information for Participant tables sections</li> <li>• Changed the name of Appendix A to “Testing Schedule”, as it details the schedule for every test scenario</li> <li>• Changed the base testing month and year from October 2001 to January 2004 in the Information for Participant tables; also removed the “Date to be Sent” column as this information will be in Appendix A – Testing Schedule</li> <li>• Reworded Terminology section to be consistent with the Market Support Services Code</li> </ul>

Previous Version Number	Previous Version Date	Summary of Changes Made to Previous Version
1.1	February 6, 2002	<ul style="list-style-type: none"> <li>• Changed the base testing month and year from January 2004 to June 2002 in the Information for Participant tables and in the Appendix A – Testing Schedule</li> <li>• Changed the seconds portion of all action times from 11 to 01</li> <li>• Usage Data Feed file should be received on each day in Appendix A – Testing Schedule</li> <li>• Added the 6.17-G1 Invoice File transaction</li> <li>• Corrected failed termination scenarios A1(5) and A6(5) in the Scenario Detail Tables and Appendix A – Testing Schedule sections to reflect that Participants receive Change Complete messages and return acknowledgements</li> <li>• Corrected A6(1)'s Transaction Name in Appendix A – Testing Schedule; it is a consumer transfer request not an account closure, and therefore results in a change complete notification being sent to the new retailer, not a final bill</li> <li>• Amended the Certification Checklist regarding submitting messages with invalid action dates</li> <li>• Removed discrepancy in A3 test scenarios between the Scenarios section and the Scenario Detail Tables and Certification sections; original A3(3) and A3(4) scenarios have been deleted</li> <li>• Scenario A2(7) reworded from “invalid transfer date” to “transfer date too soon”</li> <li>• Section 4.2-Conducting the Tests has been updated to stipulate that testing must start between 11am (no longer 10am) and 12 noon each day in order to allow time for the MSSL to complete various manual tasks.</li> </ul>

Previous Version Number	Previous Version Date	Summary of Changes Made to Previous Version
1.2	March 15, 2002	<ul style="list-style-type: none"> <li>• Changed action date of transactions in B1 Account Closure (Retailer Initiated) from July 1 to June 30</li> <li>• Removed “Daily” from names of Usage and Invoice feed transactions</li> <li>• Invoice feed now only received once: on last day of testing</li> <li>• New action date request received moved in Appendix A – Testing Schedule</li> <li>• Changed the Scenario Detail Tables to reflect that no invoices are sent for individual transactions, but instead are sent as a batch in the Invoice Feed message</li> <li>• Moved E1 to Day 3 in Appendix A – Testing Schedule to ensure a full month’s meter readings are in the History Data sent to the MPR</li> <li>• Changed action dates from June 2 to June 4 in the Information for Participant tables as June 1-2 is a weekend in 2002</li> <li>• Simplified Appendix A – Testing Schedule to take place over 3 actual days instead of 5; also amended the Overview accordingly – there will now be 4 test cycles</li> <li>• Based on March 2002 MSS Code</li> <li>• A3 transactions have a Transaction Id with a EBTWebx format, not a 930xxxxxx:xxxxxx format</li> <li>• Removed transaction “C2 Voluntary Temporary Disconnection (MSSL/Consumer Initiated), cancellation unsuccessful” from Appendix A – Testing Schedule</li> <li>• Added section 4.3 detailing the procedure for raising issues with the MSSL during testing</li> </ul>
2	January 03. 2012	Major review and update details according to industry practises to date.
3	September 25, 2013	Amend retailer hotline number.
4	July 30, 2015	Updates for DRS

Previous Version Number	Previous Version Date	Summary of Changes Made to Previous Version
4.1	May 27, 2016	<p>Updates for Full Retail Competition (FRC) for Singapore Market. New EBT processes were introduced:</p> <ul style="list-style-type: none"> <li>• Requested period in Consumer History Request message structure</li> <li>• Switching from Non-market (Non Contestable) to Market (Contestable) Consumer</li> <li>• Switching from Market to Non-market consumer</li> <li>• Special Read Request</li> <li>• SRLP Usage files</li> <li>• Meter Option Change Request (AMI/SRLP) for residential consumers</li> <li>• Mass Consumer Transfer</li> <li>• DRS Consumer De-registration from DRA/EMC</li> </ul>
4.2	January 27, 2017	<p>Updates for Full Retail Competitions (FRC) considering following changes.</p> <ul style="list-style-type: none"> <li>- Enabling consumer transfer and meter option change in one business day for consumer having AMI meters</li> <li>- Consumer Self-read option for consumer transfer process for consumers under SRLP Metering Option</li> <li>- Enabling Non market to market consumer transfer to be performed earlier then original action date for early remediated AMI meters</li> </ul>
5.0	March 01, 2017	<p>Following changes have been incorporated in document.</p> <ul style="list-style-type: none"> <li>- Updated SPgroup logo</li> <li>- Changed of email address from mssl@singaporepower.com.sg to retailerhelp@spgroup.com.sg. Changed of contact number from 6488 0255 to 6570 5156</li> </ul>
5.1	March 23, 2017	<p>Contact number updated from 6570 5156 to 6916 7228</p>

Previous Version Number	Previous Version Date	Summary of Changes Made to Previous Version
5.2	August 23, 2017	<p>Updates to incorporate internal as well as external review feedback comments</p> <p>Amendments have been incorporated in following sections.</p> <ul style="list-style-type: none"> <li>- Section 2.1 - Addition of test scenarios for Mass consumer Transfer, Adjusted Usage Feed, SRLP Adjusted Usage Feed</li> <li>- Section 5 -               <ol style="list-style-type: none"> <li>1) Addition of scenario detail table for Mass consumer Transfer, Adjusted Usage Feed, SRLP Adjusted Usage Feed, Special Read request</li> <li>2) Amendment in message sequencing of non market to market transfer, meter option change</li> <li>3) Amendment in scenario text for Meter option change</li> </ol> </li> <li>- Section 6 - Addition of test scenarios for Mass consumer Transfer, Adjusted Usage Feed, SRLP Adjusted Usage Feed, special read request</li> <li>- Section 7 - Amendment in Certification Checklist</li> <li>- Renamed scenario cross reference of normal Invoice feed of DRA to M1 in Sections 8.5, 8.6, 8.7 and 8.8</li> </ul>
5.3	January 26, 2018	<p>Document has been updated with following amendments</p> <ul style="list-style-type: none"> <li>- For Market to Non Market request Billing option must be RCB (Section 6.8)</li> <li>- Recipient ID for Market to Non Market request should be 9300000017 (Section 6.8)</li> <li>- For Non Market to Market requests EBS account numbers should be used for Termination Notification (Section 6.25)</li> <li>- Updates in certification checklist for Objection Notification removal</li> </ul>

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# 1 Introduction

## 1.1 Overview

This document details the steps to be performed, the data to be used, and the schedule to be followed by Participants undertaking Market Participant testing.

The overview or introduction summarises what each section contains, and provides a sequence of “first steps” for Participants to execute before starting their testing. For information a terminology guide and a brief note covering the scope of this document are also provided.

Testing will be performed in four cycles; each of five days in duration. There will be a two day break and the weekend at the end of each cycle, allowing time for Participants to fix program bugs, reconfigure their systems etc., between each cycle (see figure 1 below).

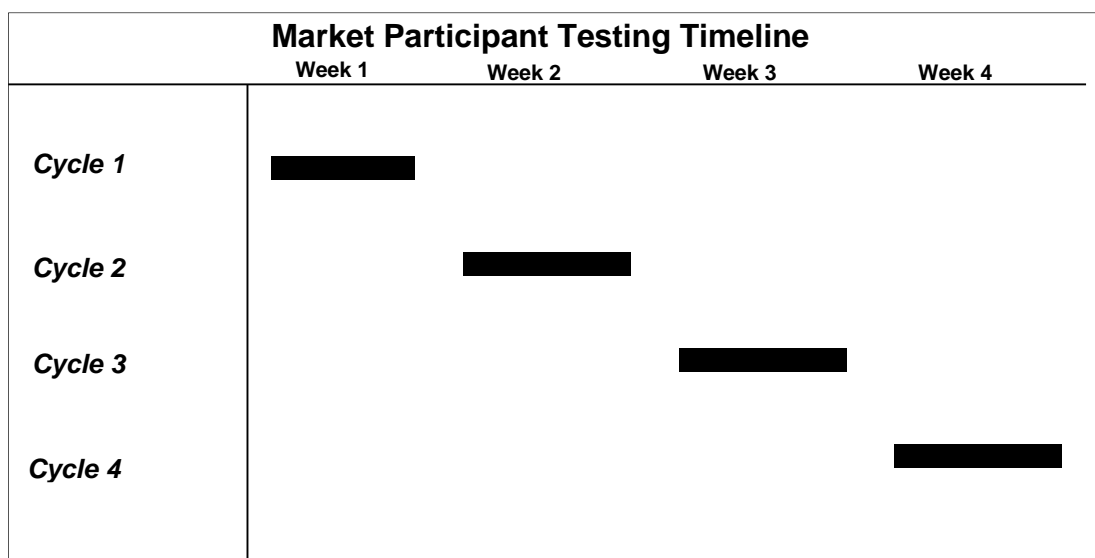


Figure 1

Participants may (at their own discretion): (i) decide to test in none, one, or all of the cycles; and (ii) continue testing within the cycle for as long as they deem appropriate. Testing in a given cycle must always start on day one.

For example, a Participant may start testing on day one of cycle 2 and on day two encounter a critical problem. Testing is halted and the remainder of cycle 2 and the following two-day ‘rest’ period is used to rectify the issue. The Participant recommences on day one of cycle 3, and completes testing successfully at the end of cycle 3.

Two additional weeks are factored in for buffering as per section 6.6 of the Market Participant Kit.

## 1.2 Structure of the Document

Part 2 contains brief descriptions of the testing transaction types, the high-level business transactions that can be performed via the retail Electronic Business Transaction system

(EBT). An example of a business transaction is transferring a consumer from receiving supply from the MSSSL to receiving supply from a Market Participant Retailer (MPR).

Each of the transactions has been separated into one or more scenarios; these are briefly described in part 2. Scenarios cover a particular sequence of events that may take place within a transaction.

For example, a billing option change request can be used: (i) to change a consumer from being billed under a retailer consolidated billing scheme to being billed under a split billing scheme; or (ii) to change a consumer from being billed under a split billing scheme to being billed under a retailer consolidated billing scheme. These are different scenarios of the same transaction.

Scenarios are the level at which the transaction types are tested, although they may be further subdivided into sub-scenarios, i.e. when testing a billing option change transaction type, separate tests must be performed to test the retailer consolidated to split scenario and the split to retailer consolidated scenario.

Part 3 specifies the test compliance requirements for each scenario; the requirements define the conditions Participants must meet in order to “Pass” a test.

Part 4 defines how an individual test should be conducted by Participants, and explains how parts 5 and 6 should be read and used for this purpose. Each column of Part 5’s table is described, and an example of how to approach testing a specific scenario is provided.

Part 5 lists each scenario in a table containing the scenario’s name and the sequence of file exchanges that form a valid test. Part 5 must be used as a checklist by Participants when performing their testing.

Part 6 also lists all the scenarios in tabular form; for each scenario the table contains a guide to the data that must be present in the fields of the XML files sent by Participants. For example, a normal consumer transfer from the MSSSL to a new retailer (where the Participant is playing the role of the new retailer) requires the Participant to send a consumer transfer XML file to the MSSSL. Apart from acknowledgements (which are not detailed in the table) the consumer transfer file is the only file a Participant sends under this scenario.

The data in Part 6 is generic, i.e. not specific to a particular retailer. The exact data to be used by a particular retailer is contained in a separate spreadsheet. Note that Participants have to use the data in their spreadsheet and may encounter errors if other values are used. For example, if the Participant wishes to temporarily disconnect a consumer, then that consumer must exist in the MSSSL system. If an arbitrary Consumer ID is used there is no guarantee that that consumer exists in the test system.

Part 7 contains the certification checklist. The checklist should be used to record the final outcomes of the tests performed (using Part 5). Upon completion of testing it should be signed by an officer of the Participant and sent to the MSSSL. Successful completion of all the items on the checklist will result in the Participant being certified.

A certified Participant is registered to connect and exchange messages with the MSSSL’s EBT system in the New Electricity Market. Certification and registration do not imply that a Participant’s systems and processes are free of errors.

Appendix A is the test schedule, a listing of the files sent and/or received by Participants on each day of a testing cycle.

## 1.3 First steps

Before starting testing the following prerequisites must be satisfied by the Participant's environment:

- The systems architecture reflects one of the Participant options described in Section 4.1 (Systems Architecture) of the Market Participant Kit
- A dial-up or dedicated connection for communication between the Participant system and EBT is available
- The system date is set to the date specified by the MSSL Test Administrator
- A Digital Certificate must be installed to enable secure communication.

## 1.4 Audience

This Kit is produced by SP Services, and is issued to Participants in the New Energy Market.

## 1.5 Terminology

There are a number of terms that have specific meanings within the context of the EBT system. Some of these are defined in the relevant sections of the Electricity Act 2006, or the MSS Code. Others are included here for reference.

Term	Meaning
Acknowledgements	Sent by either EBT or a Participant to confirm the receipt of a message. Errors encountered with the message sent by a Participant will be included in the Acknowledgement to that message sent by EBT.
Digital Certificate	<p>A de-facto standard means of ensuring integrity, privacy, authentication and non-reputability in the exchange of electronic messages. This method uses Public Key Infrastructure techniques to encrypt message content before and during transmission.</p> <p>Participants will require a valid certificate issued by a certification authority trusted by the MSSL. Instructions on how to get a digital certificate are available from the MSSL.</p>
Direct Market Participant (DMP)	An end-user consumer that chooses to access the wholesale market directly by becoming a member of the pool and abiding by the market rules. These consumers will be billed for energy by the MC and will be billed for grid charges by the MSSL. (As defined in Requirements specifications for the Retail Electronic Business Transaction (EBT) Requirements v1.10)

<b>Term</b>	<b>Meaning</b>
Electronic Business Transaction (EBT)	A set of steps that must be followed for communication between a participant and the MSSL for services specified in Section 9 of the MSS Code.
Energy Market Company	The entity charged with operating the competitive wholesale electricity market and settling with all wholesale market participants.
Market Participant Consumer (MPC)	An end-user consumer that takes supply from a market participant retailer. (As defined in Requirements specifications for the Retail Electronic Business Transaction (EBT) Requirements v1.10)
Market Participant Retailer (MPR)	A Retail Electricity Licensee that is a market participant.
Non Market Participant Retailer (NMPR)	A competitive supply company that chooses to access the wholesale market through the MSSL.
Notices and Notifications	Messages that request or provide information relevant to a "Request". In this context, the notice is subordinate to the request. Exceptions to this subordination are the Billing and Usage data notices issued by EBT to Participants; these notices are generated as batches to provide invoicing and usage data.
Request	A message that is sent by a Participant to EBT in order to initiate an Electronic Business Transaction.
Service Transaction Requests	Used in the MSS Code to refer to the following Electronic Business Transactions – consumer transfers, account closures and temporary disconnections, changing consumers' billing option, consumer history requests, and terminating transactions.
Static Residential Load Profile (SRLP)	A mechanism to convert consumption quantity measured over a period of time (i.e. from a kWh meter) into consumption quantities per half-hour interval using sample load profile data for residential customers.

## 1.6 Scope

The tests specified in this document only cover the scenarios for MPRs and NMPRs. Note that although only MPRs are mentioned in the document, for the purposes of Market Participant testing the terms MPR and NMPR are interchangeable.

## 2 Testing Transaction Types

The following are the transaction types related to Market Participant Retailers:

- Consumer Transfer Requests for transferring consumers from the MSSL to an MPR
- Consumer Transfer Requests for transferring consumers from an MPR to another MPR
- Consumer Transfer Requests for transferring consumers from an MPR to the MSSL (MSSL/Retailer/Consumer Initiated)
- Consumer Transfer Requests for transferring consumers from a DMP to an MPR
- Consumer Transfer Requests for transferring consumers from an MPR to a DMP
- Account Closure Requests
- Voluntary Temporary Disconnection Requests
- Billing Option Change Requests from retailer consolidated to split billing
- Billing Option Change Requests from split billing to retailer consolidated
- Consumer History Requests
- Usage Data dispatches
- Invoice Data dispatches
- Transaction terminations
- Consumer Transfer Requests for transferring non-market consumers to an MPR (Retailer Initiated)
- Consumer Transfer Requests for transferring consumers from the MPR to Non-Market (Retailer Initiated)
- Mass Consumer Transfer Requests by MPR
- Special Read Requests
- Meter Option Change Requests (SRLP/AMI) for Residential Consumers
- SRLP Usage data dispatches

### 2.1 Scenarios

Each of the transaction types will need to be tested to ensure that the Participant's system functions correctly, i.e. it must exchange files with EBT in the prescribed manner. Within each transaction type there may be a number of scenarios to be tested, these scenarios are as follows:

No	Scenarios	Cross Reference
1.	Normal Consumer Transfer Request for transferring a consumer from the MSSL to an MPR	A1 (1)
2.	Consumer Transfer Request for transferring a consumer from the MSSL to an MPR with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	A1 (2)

No	Scenarios	Cross Reference
3.	Consumer Transfer Request for transferring a consumer from the MSSL to an MPR with invalid transfer date (current system date)	A1 (3)
4.	Consumer Transfer Request for transferring a consumer from the MSSL to an MPR where the request is cancelled	A1 (4)
5.	Consumer Transfer Request for transferring a consumer from the MSSL to an MPR where there is an unsuccessful attempt to cancel the request	A1 (5)
6.	Normal Consumer Transfer Request for transferring a consumer from the MSSL to an MPR with Consumer self read flag provided	A1 (6)
7.	Normal Consumer Transfer Request for transferring a consumer from an MPR to another MPR	A2 (1)
8.	Consumer Transfer Request for transferring a consumer from an MPR to another MPR where the request is cancelled by the new MPR	A2 (2)
9.	Consumer Transfer Request for transferring a consumer from an MPR to another MPR where there is an unsuccessful attempt to cancel the request by the new MPR	A2 (3)
10.	Consumer Transfer Request for transferring a consumer from an MPR to another MPR with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	A2 (4)
11.	Normal Consumer Transfer Request for transferring a consumer from an MPR to another MPR with Consumer self read flag provided	A2 (6)
12.	Normal Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (consumer initiated)	A3 (1)
13.	Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (consumer initiated) where the request is cancelled	A3 (2)
14.	Normal Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (retailer initiated)	A4 (1)
15.	Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (retailer initiated) where the request is cancelled	A4 (2)
16.	Consumer Transfer Request for transferring a consumer from the an MPR to the MSSL (retailer initiated) where there is an unsuccessful attempt to cancel the request	A4 (3)
17.	Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (retailer initiated) with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	A4 (4)
18.	Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (retailer initiated) with invalid transfer date (current system date)	A4 (5)



No	Scenarios	Cross Reference
19.	Normal Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (retailer initiated) with Consumer self read flag provided	A4 (6)
20.	Normal Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (MSSL initiated)	A5 (1)
21.	Normal Consumer Transfer Request for transferring a consumer from a DMP to an MPR	A6 (1)
22.	Consumer Transfer Request for transferring a consumer from a DMP to an MPR with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	A6 (2)
23.	Consumer Transfer Request for transferring a consumer from a DMP to an MPR with invalid transfer date (current system date)	A6 (3)
24.	Consumer Transfer Request for transferring a consumer from a DMP to an MPR where the request is cancelled	A6 (4)
25.	Consumer Transfer Request for transferring a consumer from a DMP to an MPR where there is an unsuccessful attempt to cancel the request	A6 (5)
26.	Normal Consumer Transfer Request for transferring a consumer from an MPR to a DMP (playing the role of the current MPR)	A7 (1)
27.	Normal Consumer Transfer Request for transferring a consumer from an MPR to the Non-Market (retailer initiated)	A8 (1)
28.	Consumer Transfer Request for transferring a consumer from an MPR to the Non-Market (retailer initiated) where the request is cancelled	A8 (2)
29.	Consumer Transfer Request for transferring a consumer from the an MPR to the Non-Market (retailer initiated) where there is an unsuccessful attempt to cancel the request	A8 (3)
30.	Consumer Transfer Request for transferring a consumer from an MPR to the Non-Market (retailer initiated) with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	A8 (4)
31.	Consumer Transfer Request for transferring a consumer from an MPR to the Non-Market (retailer initiated) with invalid transfer date (current system date)	A8 (5)
32.	Normal Consumer Transfer Request for transferring a consumer from an MPR to the Non-Market (retailer initiated) with Consumer self read flag provided	A8 (6)
33.	Mass Consumer Transfer Request initiated by the MPR for transferring consumers from the MSSL to an MPR	A9 (1)
34.	Mass Consumer Transfer Request initiated by the MPR for transferring consumers from the MSSL to an MPR having Consumer Self Read flag provided	A9 (2)
35.	Mass Consumer Transfer Request initiated by the MPR for transferring consumers from an MPR to another MPR	A9 (3)
36.	Mass Consumer Transfer Request initiated by the MPR for transferring consumers from an MPR to another MPR having Consumer Self Read flag provided	A9 (4)

No	Scenarios	Cross Reference
37.	Mass Consumer Transfer Request initiated by the MPR for transferring consumers from an MPR to MSSL	A9 (5)
38.	Mass Consumer Transfer Request initiated by the MPR for transferring consumers from an MPR to MSSL having Consumer Self Read flag provided	A9 (6)

(**Note:** for the above Consumer Transfer transactions the Participant-under-test performs the role of the new retailer unless otherwise specified)

No	Scenarios	Cross Reference
39.	Normal Account Closure Request	B1
40.	Account Closure Request where the request is cancelled	B1
41.	Account Closure Request where there is an unsuccessful attempt to cancel the request	B1
42.	Account Closure Request where there is a Change in Account Closure date initiated by MSSL	B1
43.	Account Closure Request where Account Closure date has passed and New Action Date is required from MPR	B1
44.	Normal Account Closure Request initiated by the MSSL or by a consumer	B2
45.	Account Closure Request initiated by the MSSL or by a consumer where the request is cancelled	B2

No	Scenarios	Cross Reference
46.	Normal Voluntary Temporary Disconnection Request initiated by the retailer	C1
47.	Voluntary Temporary Disconnection Request initiated by the retailer where the request is cancelled	C1
48.	Voluntary Temporary Disconnection Request initiated by the retailer where there is an unsuccessful attempt to cancel the request	C1
49.	Normal Voluntary Temporary Disconnection Request initiated by the MSSSL or by a consumer	C2
50.	Voluntary Temporary Disconnection Request initiated by the MSSSL or by a consumer where the request is cancelled	C2
51.	Normal Involuntary Temporary Disconnection Request	C3

No	Scenarios	Cross Reference
52.	Normal Billing Option Change Request from retailer consolidated to split billing	D1
53.	Billing Option Change Request from retailer consolidated to split billing where the request is cancelled	D1
54.	Billing Option Change Request from retailer consolidated to split billing where there is an unsuccessful attempt to cancel the request	D1
55.	Normal Billing Option Change Request from retailer consolidated to split billing for Residential Consumer	D1
56.	Normal Billing Option Change Request from split billing to retailer consolidated	D2
57.	Billing Option Change Request from split billing to retailer consolidated where the request is cancelled	D2
58.	Billing Option Change Request from split billing to retailer consolidated where there is an unsuccessful attempt to cancel the request	D2
59.	Normal Billing Option Change Request from split billing to retailer consolidated for Residential Consumer	D2

No	Scenarios	Cross Reference
60.	Normal Consumer History Request	E1 (1)
61.	Normal Consumer History Request for Residential Consumer	E1 (2)

No	Scenarios	Cross Reference
62.	Normal Usage Feed	F1
63.	Adjusted Usage Feed	F2

No	Scenarios	Cross Reference
64.	SRLP Usage Feed	F3
65.	SRLP Adjusted Usage Feed	F4

No	Scenarios	Cross Reference
63.	Normal Invoice Feed	G1

No	Scenarios	Cross Reference
64.	Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with SRLP Meter Option	J1 (1)
65.	Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with AMI Meter Option	J1 (2)
66.	Consumer Transfer Request initiated by MPR for transferring a consumer from the Non-market to an MPR with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	J1 (3)
67.	Consumer Transfer Request initiated by MPR for transferring a consumer from the Non-market to an MPR with invalid transfer date (current system date)	J1 (4)
68.	Consumer Transfer Request for transferring a consumer from the Non-market to an MPR where the request is cancelled by MPR via the termination process	J1 (5)
69.	Consumer Transfer Request for transferring a consumer from the Non-market to an MPR where the request is terminated via the MSSSL	J1 (6)
70.	Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with SRLP Meter Option having Consumer Self Read flag provided	J1 (7)
71.	Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with AMI Meter Option having early remediation of AMI meter	J1 (8)
72.	Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with AMI Meter Option having late remediation of AMI meter	J1 (9)

No	Scenarios	Cross Reference
72.	Normal Special Read Request initiated by the MPR for SRLP consumer	K1 (1)
73.	Normal Special Read Request initiated by the MPR for consumer having AMI meter installed	K1 (2)
74.	Special Read Request initiated by the MPR for C & I consumer	K1 (3)

No	Scenarios	Cross Reference
75.	Normal Meter Option Change request initiated by the MPR for AMI to SRLP	L1 (1)
76.	Normal Meter Option Change request initiated by the MPR for SRLP to AMI	L1 (2)
77.	Meter Option Change request initiated by the MPR where the request is cancelled by MPR via the termination Process	L1 (3)
78.	Meter Option Change request initiated by the MPR for C & I consumer	L1 (4)

### 3 Test Compliance Requirements

The following compliance requirements must be met for all scenarios:

- Files must be exchanged as expected and in the prescribed format
- Any errors EBT encounters (e.g. from an incomplete Participant message) will result in an error message being sent by the MSSL to the Participant system; the Participant system must handle these messages and action them accordingly
- If any file received from the MSSL fails Participant system validation or causes an error to the Participant system the MSSL should be informed immediately
- Any scenario-specific requirements.

### 4 Test Execution Roadmap

#### 4.1 Test coordination

Participant shall send their readiness confirmation via email not less than 2 business days in advance of the expected test commencement date to [retailerhelp@spgroup.com.sg](mailto:retailerhelp@spgroup.com.sg). The integration and interfacing testing, under the advice of the technical team, must be completed before the functional test script can proceed. MSSL test administrator will work with the testing participant on the execution of the functional scripts.

## 4.2 Conducting the Tests

The process for conducting the tests is as follows:

- 1) Use Appendix A – Testing Schedule to determine which files should be sent or received on that particular testing day. Refer to the “Expected Exchange of messages” field of the Scenario Detail Tables; in conjunction with the “Pass (P) / Fail (F) / Partial Fail (PF)” and “Reasons/Comments” fields this section constitutes the test script.

Note that:

- a) Testing for each day will be advised by the MSSL testing administrator, this is to allow time for performing any manual steps required, and for the various transactions to progress through the MSSL systems
  - b) For the following example it is assumed that the test scenario is a normal billing option change request to change a consumer from retailer consolidated to split billing (D1). The request is being executed on day 1 of cycle 1.
- 2) Enter the data for the transaction into your EBT-interfacing system, using the appropriate transaction in Section 6 – Information for Participant tables as a guide to which fields are required.

*Example:*

*Refer to section 6.13-D1 Billing Option Change (retailer consolidated to split) in the Information for Participant table*

- Message Type = the string “Billing Option Change”
- Sending Party ID = 930xxxxxxx (will be defined in your data pack)
- Receiving Party ID = 9300000016
- Transaction ID = 930xxxxxxx:000033
- Sending Party Type = “SE”
- Consumer Account Number = 93xxxxxxx (will be defined in your data pack)
- Consumer Name = (will be defined in your data pack)
- Billing Option = “SB”
- Action Date = “yyyyMMddhhmmss” (will be defined in your data pack)
- User Id = automatically assigned by your system

When a field is blank there is no requirement to enter the indicated information for that transaction type.

- 3) Submit the message to the MSSL.
- 4) Record the date and time the file transfer took place in the “TimeStamp” column.
- 5) If the scenario was completed as defined above then it is considered to have ‘passed’, otherwise it has ‘failed’.
- 6) The reason for the failure must be identified, e.g. because the Participant system sent a malformed XML file to EBT.
- 7) If EBT caused the failure the Participant should notify the MSSL with the details of the error immediately so that the MSSL can verify and respond.

## 4.3 Raising Issues

Participants who discover an issue which is deemed to have occurred because of a fault with the MSSL's EBT system should carry out the following procedure:

- 1) Understand and analyse the issue as much as possible to help diagnose its actual cause. At the very least obtain the:
  - Test scenario number
  - Transaction Id
  - Consumer Account number
  - Text of the XML messages sent to and received from the MSSL that led to the issue.
- 2) Do not halt execution of other test scenarios unless the issue also affects them.
- 3) Contact the test coordinator (MSSL Ops staff) directly to the MSSL test administrator to report the issue and discuss the results of your preliminary analysis.
- 4) If unable to call direct, then describe the issue (including the information specified in 1 above) in an email and send to [retailerhelp@spgroup.com.sg](mailto:retailerhelp@spgroup.com.sg).
- 5) MSSL will take the information provided (and your preliminary analysis) and investigate the issue in detail. This analysis will lead to one of three outcomes:
  - i) MSSL takes action to resolve issue
  - ii) MSSL explains why this issue has been observed, thereby assisting the retailer to resolve the problem with their systems
  - iii) MSSL raise the issue as a defect with their software provider.

## 4.4 Scenario Detail Definitions

The Scenario Detail tables in Part 5 provide a detailed breakdown of each test scenario and its requirements. The definitions of the fields are:

Field	Definition
Scenario No.	The test scenario's unique identifier
Transaction Type	As defined above
Scenarios	As defined above
Information for Participant	Link to a table detailing the information that a Participant needs to enter into their system in order for each scenario to be tested. The table is based on the message formats provided in section 4 of the Market Participant User Manual.
Expected Exchange of messages	The sequence of file transfers that should take place if the scenario executes correctly
Pass/Fail/Partial Fail (P/F/PF)	The results for each test (to be completed by the Participant tester)
Reasons/Comments	Any comments related to the test results (to be completed by the Participant tester)
TimeStamp	The system date and time that the file transfer took place

## 5 Scenario Detail Tables

Note that for Consumer Transfer transactions the Participant-under-test plays the role of the new retailer unless otherwise specified.

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A1 (1)	Consumer Transfer Request MSSL-MPR	Normal Consumer Transfer Request	See section A1 Consumer Transfer Request (MSSL to MPR)  Consumer Transfer Request A1 (1)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Change Complete Notification from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A1 (2)	Consumer Transfer Request MSSL-MPR	Consumer Transfer Request with invalid transfer date (Upper boundary)	Consumer Transfer Request A1 (2)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF		
A1 (3)	Consumer Transfer Request MSSL-MPR	Consumer Transfer Request with invalid transfer date (Lower boundary)	Consumer Transfer Request A1 (3)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date is too soon</i> )	1) P F PF 2) P F PF		



No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A1 (4)	Consumer Transfer Request MSSL-MPR	Successful cancellation of Consumer Transfer Request	Consumer Transfer Request A1 (4)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A1 (5)	Consumer Transfer Request MSSL-MPR	Unsuccessful cancellation of Consumer Transfer Request	Consumer Transfer Request A1 (5)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR ( <i>action date of the original request is too soon</i> ) 5) Change Complete Notification from MSSL to MPR 6) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A1 (6)	Consumer Transfer Request MSSL-MPR	Normal Consumer Transfer Request with Self Read flag provided	See section A1 Consumer Transfer Request (MSSL to MPR)  Consumer Transfer Request A1 (6)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Change Complete Notification from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A2 (1)	Consumer Transfer Request MPR-MPR	Normal Consumer Transfer Request	See section A2 Consumer Transfer Request (MPR to MPR)  Consumer Transfer Request A2 (1)	1) Consumer Transfer Request from new MPR to MSSL 2) Validation Acknowledgement from MSSL to new MPR 3) Change Complete Notification from MSSL to new MPR 4) Inbound Transaction Acknowledgement from new MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A2 (2)	Consumer Transfer Request MPR-MPR	Successful cancellation of Consumer Transfer Request	Consumer Transfer Request A2 (4)	1) Consumer Transfer Request from new MPR to MSSL 2) Validation Acknowledgement from MSSL to new MPR 3) Termination Notice from new MPR to MSSL 4) Validation Acknowledgement from MSSL to new MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A2 (3)	Consumer Transfer Request MPR-MPR	Unsuccessful cancellation of Consumer Transfer Request	Consumer Transfer Request A2 (5)	1) Consumer Transfer Request from new MPR to MSSL 2) Validation Acknowledgement from MSSL to new MPR 3) Termination Notice from new MPR to MSSL 4) Validation Acknowledgement from MSSL to new MPR ( <i>action date of the original request is too soon</i> ) 5) Change Complete Notification from MSSL to new MPR 6) Inbound Transaction Acknowledgement from new MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A2 (4)	Consumer Transfer Request MPR-MPR	Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	Consumer Transfer Request A2 (6)	1) Consumer Transfer Request from new MPR to MSSL 2) Validation Acknowledgement from MSSL to new MPR ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF		
A2 (6)	Consumer Transfer Request MPR-MPR	Normal Consumer Transfer Request with Consumer Self Read flag provided	See section A2 Consumer Transfer Request (MPR to MPR)  Consumer Transfer Request A2 (6)	1) Consumer Transfer Request from new MPR to MSSL 2) Validation Acknowledgement from MSSL to new MPR 3) Change Complete Notification from MSSL to new MPR 4) Inbound Transaction Acknowledgement from new MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A3 (1)	Consumer Transfer Request MPR-MSSL (Consumer Initiated)	Normal Consumer Transfer Request	See section A3 Consumer Transfer Request (MPR to MSSL) (Consumer Initiated)  Consumer Transfer Request A3 (1)	1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF		
A3 (2)	Consumer Transfer Request MPR-MSSL (Consumer Initiated)	Cancellation of Consumer Transfer Request by MSSL	None	1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL 3) Termination Notification from MSSL to MPR 4) Termination Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A4 (1)	Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Normal Consumer Transfer Request	See section A4 Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)  Consumer Transfer Request A4 (1)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
A4 (2)	Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Successful cancellation of Consumer Transfer Request	Consumer Transfer Request A4 (2)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgment from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A4 (3)	Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Unsuccessful cancellation of Consumer Transfer Request	Consumer Transfer Request A4 (3)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR ( <i>action date of the original request is too soon</i> )	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A4 (4)	Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	Consumer Transfer Request A4 (4)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date too far in the future</i> )	1) P F PF 2) P F PF		
A4 (5)	Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> )	Consumer Transfer Request A4 (5)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date too soon</i> )	1) P F PF 2) P F PF		
A4 (6)	Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Normal Consumer Transfer Request with Consumer Self Read flag provided	See section A4 Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)  Consumer Transfer Request A4 (6)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A5 (1)	Consumer Transfer Request MPR-MSSL (MSSL Initiated)	Normal Consumer Transfer Request	See section A5 Consumer Transfer Request (MPR to MSSL) (MSSL Initiated)	No messages will be received. Final bills for the MPR's consumers will appear in the Invoice batch sent in transaction G1			



No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A6 (1)	Consumer Transfer Request DMP-MPR	Normal Consumer Transfer Request	See section A6 Consumer Transfer Request (DMP to MPR)  Consumer Transfer Request A6 (1)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Change Complete Notification from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A6 (2)	Consumer Transfer Request DMP-MPR	Consumer Transfer Request with invalid transfer date (Upper boundary)	Consumer Transfer Request A6 (2)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date too far in the future</i> )	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A6 (3)	Consumer Transfer Request DMP-MPR	Consumer Transfer Request with invalid transfer date (Lower boundary)	Consumer Transfer Request A6 (3)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date to early</i> )	1) P F PF 2) P F PF		
A6 (4)	Consumer Transfer Request DMP-MPR	Successful cancellation of Consumer Transfer Request	Consumer Transfer Request A6 (4)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A6 (5)	Consumer Transfer Request DMP-MPR	Unsuccessful cancellation of Consumer Transfer Request	Consumer Transfer Request A6 (5)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR ( <i>action date of original request too soon</i> ) 5) Change Complete Notification from MSSL to MPR 6) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A7 (1)	Consumer Transfer Request MPR-DMP (playing role of current MPR)	Normal Consumer Transfer Request	See section A7 Consumer Transfer Request (MPR to DMP)  Consumer Transfer Request A7 (1)	1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A8 (1)	Consumer Transfer Request MPR-Non Market (Retailer Initiated)	Normal Consumer Transfer Request	See section A8 Consumer Transfer Request (MPR to Non Market) (Retailer Initiated)  Consumer Transfer Request A8 (1)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
A8 (2)	Consumer Transfer Request MPR- Non Market (Retailer Initiated)	Successful cancellation of Consumer Transfer Request	Consumer Transfer Request A8 (2)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgment from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A8 (3)	Consumer Transfer Request MPR- Non Market (Retailer Initiated)	Unsuccessful cancellation of Consumer Transfer Request	Consumer Transfer Request A8 (3)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR ( <i>action date of the original request is too soon</i> )	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
A8 (4)	Consumer Transfer Request MPR- Non Market (Retailer Initiated)	Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	Consumer Transfer Request A8 (4)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date too far in the future</i> )	1) P F PF 2) P F PF		
A8 (5)	Consumer Transfer Request MPR- Non Market (Retailer Initiated)	Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> )	Consumer Transfer Request A8 (5)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date too soon</i> )	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A8 (6)	Consumer Transfer Request MPR-Non Market (Retailer Initiated)	Normal Consumer Transfer Request with Consumer Self Read flag provided	See section A8 Consumer Transfer Request (MPR to Non Market) (Retailer Initiated)  Consumer Transfer Request A8 (6)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
A9(1)	Mass Consumer Transfer Request MSSL-MPR (Retailer Initiated)	Mass Consumer Transfer Request	Consumer Transfer Request A9 (1)	1) Mass Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
A9(2)	Mass Consumer Transfer Request MSSL-MPR (Retailer Initiated)	Mass Consumer Transfer Request having Consumer Self read flag provided	Consumer Transfer Request A9 (2)	1) Mass Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
A9(3)	Mass Consumer Transfer Request	Mass Consumer Transfer Request	Consumer Transfer Request A9 (3)	1) Mass Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
	MPR-MPR (Retailer Initiated)						
A9(4)	Mass Consumer Transfer Request MPR-MPR (Retailer Initiated)	Mass Consumer Transfer Request having Consumer Self read flag provided	Consumer Transfer Request A9 (4)	1) Mass Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
A9(5)	Mass Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Mass Consumer Transfer Request	Consumer Transfer Request A9 (5)	1) Mass Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
A9(6)	Mass Consumer Transfer Request MPR-MSSL (Retailer Initiated)	Mass Consumer Transfer Request having Consumer Self read flag provided	Consumer Transfer Request A9 (6)	1) Mass Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
B1	Account Closure (Retailer Initiated)	<p>Normal</p> <p>Cancellation successful</p> <p>Cancellation unsuccessful</p> <p>Change of Account Closure date</p> <p>Account Closure date passed</p>	See section B1 Account Closure	<p><u>Normal:</u></p> <p>1) AC Request from MPR to MSSL</p> <p>2) Validation Acknowledgment from MSSL to MPR</p> <p><u>Cancellation (Successful):</u></p> <p>1) AC Request from MPR to MSSL</p> <p>2) Validation Acknowledgment from MSSL to MPR</p> <p>3) Termination Notice from MPR to MSSL</p> <p>4) Validation Acknowledgment from MSSL to MPR</p> <p><u>Cancellation (Unsuccessful):</u></p> <p>1) AC Request from MPR to MSSL</p> <p>2) Validation Acknowledgment from MSSL to MPR</p> <p>3) Termination Notice from MPR to MSSL</p> <p>4) Validation Acknowledgment from MSSL to MPR (<i>Specifying the reason for the failure, the attribute that failed and the value of the error</i>)</p> <p><u>Change of Account Closure date</u></p> <p>1) AC Request from MPR to MSSL</p> <p>2) Validation Acknowledgment from MSSL to MPR</p> <p>3) MSSL initiates Change of Account Closure Date. Change Pending Notification from MSSL to MPR</p>	<p><u>Normal:</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p><u>Cancellation (Successful):</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p> <p>4) P F PF</p> <p><u>Cancellation (Unsuccessful):</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p> <p>4) P F PF</p> <p><u>Change of Account Closure date:</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p>		



No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
				4) Inbound Transaction Acknowledgement from MPR to MSSL  <u>Account Closure date passed</u> 1) AC Request from MPR to MSSL 2) Validation Acknowledgment from MSSL to MPR 3) New Action Date Required from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL 5) New Action Date Notice from MPR to MSSL 6) Validation Acknowledgement from MSSL to MPR	4) P F PF  <u>Account Closure date passed:</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
B2	Account Closure (MSSL/ Consumer Initiated)	Normal  Cancellation successful	See section B2 Account Closure (MSSL/Consumer	<u>Normal:</u> 1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL  <u>Cancellation (Successful):</u> 1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL 3) Termination Notification from MSSL to MPR 4) Termination Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF  <u>Cancellation (Successful):</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
C1	Voluntary Temporary Disconnection (Retailer Initiated)	Normal Cancellation successful Cancellation unsuccessful	See section C1 Voluntary Temporary Disconnection (Retailer Initiated)	<u>Normal:</u> 1) TD Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR  <u>Cancellation (Successful):</u> 1) TD Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgment from MSSL to MPR  <u>Cancellation (Unsuccessful):</u> 1) TD Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgment from MSSL to MPR ( <i>Specifying the reason for the failure, the attribute that failed and the value of the error</i> )	<u>Normal:</u> 1) P F PF 2) P F PF  <u>Cancellation (Successful):</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF  <u>Cancellation (Unsuccessful):</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
C2	Voluntary Temporary Disconnection (MSSL/ Consumer Initiated)	Normal  Cancellation successful	See section C2 Voluntary Temporary Disconnection (MSSL/Consumer Initiated)	<u>Normal:</u> 1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL  <u>Cancellation (Successful):</u> 1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL 3) Termination Notification from MSSL to MPR 4) Termination Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF  <u>Cancellation (Successful):</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
C3	Involuntary Temporary Disconnection (MSSL Initiated)	Normal	See section C3 Involuntary Temporary Disconnection (MSSL Initiated)	<u>Normal:</u> 1) Change Pending Notification from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
D1	BOC from retailer consolidated to split billing	<p>Normal</p> <p>Cancellation successful</p> <p>Cancellation unsuccessful</p> <p>For Residential Consumers</p>	See section D1 Billing Option Change	<p><u>Normal:</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR</p> <p><u>Cancellation (Successful):</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR</p> <p>3) Termination Notice from MPR to MSSL</p> <p>4) Validation Transaction Acknowledgement from MSSL to MPR</p> <p><u>Cancellation (Unsuccessful):</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR</p> <p>3) Termination Notice from MPR to MSSL</p> <p>4) Validation Transaction Acknowledgement from MSSL to MPR (<i>Specifying the reason for the failure</i>)</p> <p><u>For Residential consumer:</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR (<i>Specifying the reason for failure</i>)</p>	<p><u>Normal:</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p><u>Cancellation (Successful):</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p> <p>4) P F PF</p> <p><u>Cancellation (Unsuccessful):</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p> <p>4) P F PF</p> <p>For Residential consumer :</p> <p>1) P F PF</p> <p>2) P F PF</p>		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
D2	BOC from split billing to retailer consolidated	<p>Normal</p> <p>Cancellation successful</p> <p>Cancellation unsuccessful</p> <p>For Residential Consumers</p>	See section D2 Billing Option Change	<p><u>Normal:</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR</p> <p><u>Cancellation (Successful):</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR</p> <p>3) Termination Notice from MPR to MSSL</p> <p>4) Validation Transaction Acknowledgement from MSSL to MPR</p> <p><u>Cancellation (Unsuccessful):</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR</p> <p>3) Termination Notice from MPR to MSSL</p> <p>4) Validation Transaction Acknowledgement file from MSSL to MPR (<i>Specifying the reason for the failure</i>)</p> <p><u>For Residential consumer:</u></p> <p>1) BOC Request from MPR to MSSL</p> <p>2) Validation Acknowledgement from MSSL to MPR (<i>Specifying the reason for failure</i>)</p>	<p><u>Normal:</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p><u>Cancellation (Successful):</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p> <p>4) P F PF</p> <p><u>Cancellation (Unsuccessful):</u></p> <p>1) P F PF</p> <p>2) P F PF</p> <p>3) P F PF</p> <p>4) P F PF</p> <p>For Residential consumer :</p> <p>1) P F PF</p> <p>2) P F PF</p>		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
E1 (1)	Consumer History Request	Normal	See section E1 Consumer History	<u>Normal:</u> 1) CH Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Consumer History Data from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF		
E1 (2)	Consumer History Request	Residential consumer	See section E1 Consumer History	<u>Normal:</u> 1) CH Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>Specifying the reason for failure</i> )	<u>Normal:</u> 1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
F1	Usage Feed	Normal	See section F1 Usage File	<u>Normal:</u> 1) Usage from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF		
F2	Adjusted Usage Feed	Normal	See section F2 Adjusted Usage File	<u>Normal:</u> 1) SRLP Adjusted Usage from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF		
F3	SRLP Usage Feed	Normal	See section F3 SRLP Usage File	<u>Normal:</u> 1) SRLP Usage from MSSL to MPR	<u>Normal:</u> 1) P F PF		



No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
				2) Inbound Transaction Acknowledgement from MPR to MSSL	2) P F PF		
F4	SRLP Adjusted Usage Feed	Normal	See section F4 SRLP Adjusted Usage File	<u>Normal:</u> 1) SRLP Adjusted Usage from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF		
G1	Invoice Feed	Normal	See section G1 Invoice File	<u>Normal:</u> 1) Invoice batch from MSSL to MPR 2) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
J1 (1)	Consumer Transfer Request Non Market to MPR (Retailer Initiated)	Normal Consumer Transfer Request NCC to CC with SRLP Meter Option	See section J1 for Consumer Transfer Request (Non Market to MPR) Consumer Transfer Request J1 (1)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF		
J1 (2)	Consumer Transfer Request	Normal Consumer Transfer Request	See section J1 for Consumer Transfer Request	1) Consumer Transfer Request from MPR to MSSL	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
	Non Market to MPR with AMI (Retailer Initiated)	NCC to CC with AMI Meter Option	(Non Market to MPR) Consumer Transfer Request J1 (2)	2) Validation Acknowledgement from MSSL to MPR			
J1 (3)	Consumer Transfer Request Non Market to MPR with AMI (Retailer Initiated)	Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	See section J1 for Consumer Transfer Request (Non Market to MPR) Consumer Transfer Request J1 (3)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF		
J1 (4)	Consumer Transfer Request Non Market to MPR with AMI (Retailer Initiated)	Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> )	Consumer Transfer Request J1 (4)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>action date is too soon</i> )	1) P F PF 2) P F PF		
J1 (5)	Consumer Transfer Request Non Market to MPR with AMI (Retailer Initiated)	Successful cancellation of Consumer Transfer Request	Consumer Transfer Request J1 (5)	1) Consumer Transfer Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
J1 (6)	Consumer Transfer Request Non Market to MPR with AMI (Retailer Initiated)	Successful cancellation of Consumer Transfer Request via MSSSL	Consumer Transfer Request J1 (6)	1) Consumer Transfer Request from MPR to MSSSL 2) Validation Acknowledgement from MSSSL to MPR 3) Transaction Termination Notification from MSSSL to MPR 4) Termination Transaction Acknowledgement from MPR to MSSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
J1 (7)	Consumer Transfer Request Non Market to MPR (Retailer Initiated)	Normal Consumer Transfer Request NCC to CC with SRLP Meter Option having Self Read flag provided	Consumer Transfer Request J1 (7)	1) Consumer Transfer Request from MPR to MSSSL 2) Validation Acknowledgement from MSSSL to MPR	1) P F PF 2) P F PF		
J1 (8)	Non Market to MPR with AMI (Retailer Initiated)	Early Remediated AMI meter scenario	Consumer Transfer Request J1 (8)	1) Consumer Transfer Request from MPR to MSSSL 2) Validation Acknowledgement from MSSSL to MPR 3) New Action Date Notice from MPR to MSSSL 4) Validation Acknowledgement from MSSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
J1 (8)	Non Market to MPR with AMI	Early Remediated AMI	Consumer Transfer Request J1 (8)	1) Consumer Transfer Request from MPR to MSSSL	1) P F PF 2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
	(Retailer Initiated)	meter scenario		2) Validation Acknowledgement from MSSL to MPR 3) New Action Date Required from MSSL to MPR 4) New Action Date Notice from MPR to MSSL 5) Validation Acknowledgement from MSSL to MPR	3) P F PF 4) P F PF 5) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
K1 (1)	Special Read Request (Retailer Initiated)	Special Read Request for consumer on SRLP Meter Option	See section K1	<u>Normal:</u> 1) Special Read Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Read details response from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	<u>Normal:</u> 1) P F PF 2) P F PF 3) P F PF 4) P F PF		
K1 (2)	Special Read Request (Retailer Initiated)	Special Read Request for Consumer on AMI Meter option	See section K1	<u>Normal:</u> 1) Special Read Request from MPR to MSSL 2) <u>Validation Acknowledgement from MSSL to MPR ( SRR only applicable for SRLP consumers )</u>	<u>Normal:</u> 1) P F PF 2) P F PF		
K1 (3)	Special Read Request	Special Read	See section K1	<u>Normal:</u>	<u>Normal:</u> 1) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
	(Retailer Initiated)	Request for C & I Consumer		1) Special Read Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>SRR only applicable for SRLP consumers</i> )	2) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
L1 (1)	Meter Option Change Request (Retailer Initiated)	Meter Option Change Request for AMI to SRLP	See section L1	1) Meter Option Change Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Change Complete Notification from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
L1 (2)	Meter Option Change Request (Retailer Initiated)	Meter Option Change Request for SRLP to AMI	See section L1	1) Meter Option Change Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Change Complete Notification from MSSL to MPR 4) Inbound Transaction Acknowledgement from MPR to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
L1 (3)	Meter Option Change Request (Retailer Initiated)	Successful cancellation of Meter option Change Request	See section L1	1) Meter Option Change Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR 3) Termination Notice from MPR to MSSL 4) Validation Acknowledgement from MSSL to MPR	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
L1 (4)	Meter Option Change Request (Retailer Initiated)	Meter Option Change Request for C & I consumer	See section L1	1) Meter Option Change Request from MPR to MSSL 2) Validation Acknowledgement from MSSL to MPR ( <i>MOC only applicable for Residential consumers</i> )	1) P F PF 2) P F PF		

## 6 Information for Participant tables

The values provided under the Action Date field served as a guideline on the format of the date time stamp. The exact value will be determined by the test administrator during the execution.

### 6.1 A1 Consumer Transfer Request (MSSL to MPR)

The following table identifies the messages required, and their fields and values when an MPR submits a request to transfer consumers from the MSSL to themselves. The MPR submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read Flag	User ID
A1 (1) a	Consumer Transfer	930XXX XXXX	9300000016	930XXXXXX X:000001	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMM ddhhm mss		Generated by your system
A1 (2) a	Consumer Transfer	930XXX XXXX	9300000016	930XXXXXX X:000002	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyMM ddhhm mss		Generated by your system
A1 (3) a	Consumer Transfer	930XXX XXXX	9300000016	930XXXXXX X:000003	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMM ddhhm mss		Generated by your system
A1 (4) a	Consumer Transfer	930XXX XXXX	9300000016	930XXXXXX X:000004	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMM ddhhm mss		Generated by your system
A1 (4) b	Termination Notification	930XXX XXXX	9300000016	930XXXXXX X:000004	SE	N/A	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	Generated by your system
A1 (5) a	Consumer Transfer	930XXX XXXX	9300000016	930XXXXXX X:000005	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMM ddhhm mss		Generated by your system

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read Flag	User ID
A1 (5) b	Termination Notification	930XXX XXXX	9300000016	930XXXXXX X:000005	SE	N/A	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	Generated by your system
A1 (6) a	Consumer Transfer	930XXX XXXX	9300000016	930XXXXXX X:000001	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMM ddhmmss	X	Generated by your system



## 6.2 A2 Consumer Transfer Request (MPR to MPR)

The following table identifies the messages required, and their fields and values when an MPR either submits a request to transfer consumers from another MPR to themselves, or when they receive a change notification informing them they are going to lose one of their consumers. The MPR submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read Flag	User ID
A2 (1) a	Consumer Transfer	930XXXXX XX	9300000 016	930XXXXX XX:000006	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh mmss		Generated by your system
A2 (2) a	Consumer Transfer	930XXXXX XX	9300000 016	930XXXXX XX:000009	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh mmss		Generated by your system
A2 (2) b	Termination Notice	930XXXXX XX	9300000 016	930XXXXX XX:000009	SE	N/A	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	Generated by your system
A2 (3) a	Consumer Transfer	930XXXXX XX	9300000 016	930XXXXX XX:000010	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh mmss		Generated by your system
A2 (3) b	Termination Notice	930XXXXX XX	9300000 016	930XXXXX XX:000010	SE	N/A	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	Generated by your system
A2 (4) a	Consumer Transfer	930XXXXX XX	9300000 016	930XXXXX XX:000011	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh mmss		Generated by your system
A2 (5) a	Consumer Transfer	930XXXXX XX	9300000 016	930XXXXX XX:000012	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh mmss		Generated by your system
A2 (5) b	New Action Date Notice	930XXXXX XX	9300000 016	930XXXXX XX:000012	SE	N/A	N/A	N/A	N/A	N/A	yyyyMMddh mmss	N/A	Generated by your system
A2 (6) a	Consumer Transfer	930XXXXX XX	9300000 016	930XXXXX XX:000006	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh mmss	X	Generated by your system

### 6.3 A3 Consumer Transfer Request (MPR to MSSL) (Consumer Initiated)

The following table identifies the messages required, and their fields and values when the MSSL submits a request to transfer consumers from an MPR to themselves. The consumers initiate the transfer requests.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

## 6.4 A4 Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)

The following table identifies the messages required, and their fields and values when an MPR submits a request to transfer consumers from themselves to the MSSL. The MPR initiates the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read Flag	User ID
A4 (1)a	Consumer Transfer	930XXXXX XX	9300000016	930XXXXXXXXX :000015	SE	93xxxxxxx x	93xxxxxxx x	consumer 93xxxxxxx x	100000	SB	yyyyMMddh hhmss		Generated by your system
A4 (2)a	Consumer Transfer	930XXXXX XX	9300000016	930XXXXXXXXX :000016	SE	93xxxxxxx x	93xxxxxxx x	consumer 93xxxxxxx x	100000	SB	yyyyMMddh hhmss		Generated by your system
A4 (2)b	Termination Notice	930XXXXX XX	9300000016	930XXXXXXXXX :000016	SE	N/A	93xxxxxxx x	consumer 93xxxxxxx x	N/A	N/A	N/A	N/A	Generated by your system
A4 (3)a	Consumer Transfer	930XXXXX XX	9300000016	930XXXXXXXXX :000017	SE	93xxxxxxx x	93xxxxxxx x	consumer 93xxxxxxx x	100000	SB	yyyyMMddh hhmss		Generated by your system
A4 (3)b	Termination Notice	930XXXXX XX	9300000016	930XXXXXXXXX :000017	SE	N/A	93xxxxxxx x	consumer 93xxxxxxx x	N/A	N/A	N/A	N/A	Generated by your system
A4 (4)a	Consumer Transfer	930XXXXX XX	9300000016	930XXXXXXXXX :000018	SE	93xxxxxxx x	93xxxxxxx x	consumer 93xxxxxxx x	100000	SB	yyyyMMddh hhmss		Generated by your system
A4 (5)a	Consumer Transfer	930XXXXX XX	9300000016	930XXXXXXXXX :000019	SE	93xxxxxxx x	93xxxxxxx x	consumer 93xxxxxxx x	100000	SB	yyyyMMddh hhmss		Generated by your system
A4 (6)a	Consumer Transfer	930XXXXX XX	9300000016	930XXXXXXXXX :000015	SE	93xxxxxxx x	93xxxxxxx x	consumer 93xxxxxxx x	100000	SB	yyyyMMddh hhmss	X	Generated by your system

## 6.5 A5 Consumer Transfer Request (MPR to MSSL) (MSSL Initiated)

The following table identifies the messages required, and their fields and values when the MSSL submits a request to transfer consumers from an MPR to themselves; this is done when a retailer has defaulted on its obligations to the MSSL.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

## 6.6 A6 Consumer Transfer Request (DMP to MPR)

The following table identifies the messages required, and their fields and values when an MPR submits a request to transfer consumers taking supply directly from the market as DMPs to themselves. The MPR submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer self Read Flag	User ID
A6 (1) a	Consumer Transfer	930XXX XXXX X	930000 0016	930XXXXXXXX: 000020	SE	93xxxxxx xx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhh mmss		Generated by your system
A6 (2) a	Consumer Transfer	930XXX XXXX X	930000 0016	930XXXXXXXX: 000021	SE	93xxxxxx xx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhh mmss		Generated by your system
A6 (3) a	Consumer Transfer	930XXX XXXX X	930000 0016	930XXXXXXXX: 000022	SE	93xxxxxx xx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhh mmss		Generated by your system
A6 (4) a	Consumer Transfer	930XXX XXXX X	930000 0016	930XXXXXXXX: 000023	SE	93xxxxxx xx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhh mmss		Generated by your system
A6 (4) b	Termination Notice	930XXX XXXX X	930000 0016	930XXXXXXXX: 000023	SE	N/A	93xxxxxxxx	consumer 93xxxxxxxx x	N/A	N/A	N/A	N/A	Generated by your system
A6 (5) a	Consumer Transfer	930XXX XXXX X	930000 0016	930XXXXXXXX: 000024	SE	93xxxxxx xx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhh mmss		Generated by your system
A6 (5) b	Termination Notice	930XXX XXXX X	930000 0016	930XXXXXXXX: 000024	SE	N/A	93xxxxxxxx	consumer 93xxxxxxxx x	N/A	N/A	N/A	N/A	Generated by your system
A6 (6) a	Consumer Transfer	930XXX XXXX X	930000 0016	930XXXXXXXX: 000020	SE	93xxxxxx xx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhh mmss	X	Generated by your system

## 6.7 A7 Consumer Transfer Request (MPR to DMP)

The following table identifies the messages required, and their fields and values when a consumer is transferred from being supplied via an MPR to taking supply directly from the market as a DMP.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

## 6.8 A8 Consumer Transfer Request (MPR to Non-Market Retailer initiated)

The following table identifies the messages required, and their fields and values when a consumer is transferred from being supplied via an MPR to taking supply directly from the Non-market.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number (Contestable)	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read Flag	User ID
A8 (1)	Consumer Transfer	930XXXXX XX	93000 00016	930XXXXX XX:000015	SE	930000001 7	93xxxxxxxx	consumer 93xxxxx xxx	100000	RCB	yyyyMMddh hmmss		Generated by your system
A8 (2)	Termination Notice	930XXXXX XX	93000 00016	930XXXXX XX:000016	SE	N/A	93xxxxxxxx	consumer 93xxxxx xxx	100000	N/A	N/A	N/A	Generated by your system
A8 (3)	Termination Notice	930XXXXX XX	93000 00016	930XXXXX XX:000016	SE	N/A	93xxxxxxxx	consumer 93xxxxx xxx	N/A	N/A	N/A	N/A	Generated by your system

A8 (4)	Consumer Transfer	930XXXXX XX	93000 00016	930XXXXX XX:000018	SE	930000001 7	93xxxxxxxx	consumer 93xxxxx xxx	100000	RCB	yyyyMMddh hmmss		Generated by your system
A8 (5)	Consumer Transfer	930XXXXX XX	93000 00016	930XXXXX XX:000019	SE	930000001 7	93xxxxxxxx	consumer 93xxxxx xxx	100000	RCB	yyyyMMddh hmmss		Generated by your system
A8 (6)	Consumer Transfer	930XXXXX XX	93000 00016	930XXXXX XX:000015	SE	930000001 7	93xxxxxxxx	consumer 93xxxxx xxx	100000	RCB	yyyyMMddh hmmss	X	Generated by your system

## 6.9 A9 Mass Consumer Transfer Request (MSSL to MPR)

The following table identifies the messages required, and their fields and values when an MPR submits a request to transfer consumers from the MSSL to themselves. The MPR submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Serf Read Flag	User ID
A9 (1)	Consumer Transfer	930XXX XXXX	93000 00016	930XXXXXXXX :000001	SE	93xxxxxxx x	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh hmmss		Generated by your system
A9 (2)	Consumer Transfer	930XXX XXXX	93000 00016	930XXXXXXXX :000001	SE	93xxxxxxx x	93xxxxxxxx	consumer 93xxxxxxxx	100000	SB	yyyyMMddh hmmss	X	Generated by your system

## 6.10 A9 Mass Consumer Transfer Request (MPR to MPR)

The following table identifies the messages required, and their fields and values when an MPR either submits a request to transfer consumers from another MPR to themselves, or when they receive a change notification informing them they are going to lose one of their consumers. The MPR submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read	User ID
A9 (3)	Consumer Transfer	930XX XXXX X	93000 00016	930XX XXXX X:000 001	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhhmmss		Generated by your system
A9 (4)	Consumer Transfer	930XX XXXX X	93000 00016	930XX XXXX X:000 001	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhhmmss	X	Generated by your system



## 6.11 A9 Mass Consumer Transfer Request (MPR to MSSL)

The following table identifies the messages required, and their fields and values when an MPR either submits a request to transfer consumers from themselves to MSSL, or when they receive a change notification informing them they are going to lose one of their consumers. The MPR submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	New Supplier ID	Consumer Account Number	Consumer Name	Premises Postcode	Billing Option	Action Date	Consumer Self Read	User ID
A9 (5)	Consumer Transfer	930XX XXXX X	93000 00016	930XX XXXX X:000 001	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhhmmss		Generated by your system
A9 (6)	Consumer Transfer	930XX XXXX X	93000 00016	930XX XXXX X:000 001	SE	93xxxxxxxx	93xxxxxxxx	consumer 93xxxxxxxx x	100000	SB	yyyyMMddhhmmss	X	Generated by your system

## 6.12B1 Account Closure (Retailer Initiated)

The following table identifies the messages required, and their fields and values when an MPR submits a request on behalf of a consumer to close the consumer's account.

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Post Code	Action Date	User ID
B1 (1) a	Account Closure	930XXX XXXX	9300000016	930XXXXXXXXX :000027	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Post Code	Action Date	User ID
B1 (2) a	Account Closure	930XXX XXXX	9300000016	930XXXXXXXXX :000028	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
B1 (2) b	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000028	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
B1 (3) a	Account Closure	930XXX XXXX	9300000016	930XXXXXXXXX :000029	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
B1 (3) b	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000029	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
B1 (4) a	Account Closure	930XXX XXXX	9300000016	930XXXXXXXXX :000030	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
B1 (5) a	New Action Date Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000031	SE	N/A	N/A	N/A	yyyyMMddhhmmss	Generated by your system

## 6.13B2 Account Closure (MSSL/Consumer Initiated)

The following table identifies the messages required, and their fields and values when the MSSL closes a consumers account at its own discretion, or when a consumer submits a request to the MSSL to close their account on their behalf.

Trans action	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

## 6.14C1 Voluntary Temporary Disconnection (Retailer Initiated)

The following table identifies the messages required, and their fields and values when an MPR submits a request on behalf of a consumer to temporarily disconnect that consumer.

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Post Code	Action Date	User ID
C1 (1) a	Temporary Disconnection	930XXX XXXX	9300000016	930XXXXXXXX :000030	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
C1 (2) a	Temporary Disconnection	930XXX XXXX	9300000016	930XXXXXXXX :000031	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
C1 (2) b	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXX :000031	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
C1 (3) a	Temporary Disconnection	930XXX XXXX	9300000016	930XXXXXXXX :000032	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
C1 (3) b	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXX :000032	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system

## 6.15 C2 Voluntary Temporary Disconnection (MSSL/Consumer Initiated)

The following table identifies the messages required, and their fields and values when the MSSL executes a temporary disconnection of a consumer at its own discretion, or when a consumer submits a request to the MSSL to temporarily disconnect them on their behalf.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

## 6.16 C3 Involuntary Temporary Disconnection (MSSL Initiated)

The following table identifies the messages required, and their fields and values when the MSSL executes an involuntary temporary disconnection of a consumer at its own discretion.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

## 6.17 D1 Billing Option Change (retailer consolidated to split)

The following table identifies the messages required, and their fields and values when an MPR submits a request to change a consumer's billing option from retailer consolidated billing to split billing.

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Billing Option	Action Date	User ID
D1 (1) a	Billing Option Change	930XXX XXXX	9300000016	930XXXXXXXXX :000033	SE	93xxxxxxxx	consumer 93xxxxxxxx	SB	yyyyMMddhhmmss	Generated by your system
D1 (2) a	Billing Option Change	930XXX XXXX	9300000016	930XXXXXXXXX :000034	SE	93xxxxxxxx	consumer 93xxxxxxxx	SB	yyyyMMddhhmmss	Generated by your system
D1 (2) b	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000034	SE	93xxxxxxxx	N/A	N/A	N/A	Generated by your system
D1 (3) a	Billing Option Change	930XXX XXXX	9300000016	930XXXXXXXXX :000035	SE	93xxxxxxxx	consumer 93xxxxxxxx	SB	yyyyMMddhhmmss	Generated by your system
D1 (3) b	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000035	SE	93xxxxxxxx	N/A	N/A	N/A	Generated by your system
D1 (4) a	Billing Option Change	930XXX XXXX	9300000016	930XXXXXXXXX :000033	SE	93xxxxxxxx	consumer 93xxxxxxxx	SB	yyyyMMddhhmmss	Generated by your system

## 6.18 D2 Billing Option Change (split to retailer consolidated)

The following table identifies the messages required, and their fields and values when an MPR submits a request to change a consumer's billing option from split billing to retailer consolidated billing.

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Billing Option	Action Date	User ID
D2 (1) a	Billing Option Change	930XXX XXXX	93000000 16	930XXXXXX X:000036	SE	93xxxxxxxx	consumer 93xxxxxxxx	RCB	yyyyMMddhhmmss	Generated by your system
D2 (2) a	Billing Option Change	930XXX XXXX	93000000 16	930XXXXXX X:000037	SE	93xxxxxxxx	consumer 93xxxxxxxx	RCB	yyyyMMddhhmmss	Generated by your system
D2 (2) b	Termination Notice	930XXX XXXX	93000000 16	930XXXXXX X:000037	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
D2 (3) a	Billing Option Change	930XXX XXXX	93000000 16	930XXXXXX X:000038	SE	93xxxxxxxx	consumer 93xxxxxxxx	RCB	yyyyMMddhhmmss	Generated by your system
D2 (3) b	Termination Notice	930XXX XXXX	93000000 16	930XXXXXX X:000038	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
D2 (4) a	Billing Option Change	930XXX XXXX	93000000 16	930XXXXXX X:000036	SE	93xxxxxxxx	consumer 93xxxxxxxx	RCB	yyyyMMddhhmmss	Generated by your system

## 6.19 E1 Consumer History

The following table identifies the messages required, and the message's fields and values when an MPR submits a request to receive a consumer's usage data.

Trans	Fields											
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Delivery Method	Intended Recipient	User ID	Period From	Period To
E1 (1) a	Consumer History	930XXX XXXX	9300000016	930XXXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	E	930XXXXXXXX X	Generated by your system	yyyyMMdd	yyyyMMdd
E1 (2) a	Consumer History	930XXX XXXX	9300000016	930XXXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	E	930XXXXXXXX X	Generated by your system	yyyyMMdd	yyyyMMdd

## 6.20 F1 Usage File

The following table identifies the messages required, and the message's fields and values when the MSSL sends a usage feed file to an MPR.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge the message received from the MSSL.

## 6.21 F2 Adjusted Usage File

The following table identifies the messages required, and the message's fields and values when the MSSL sends a usage feed file to an MPR.



Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge the message received from the MSSL.

## 6.22 F3 SRLP Usage File

The following table identifies the messages required, and the message's fields and values when the MSSL sends SRLP usage feed file to an MPR.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge the message received from the MSSL.

## 6.23 F4 SRLP Adjusted Usage File

The following table identifies the messages required, and the message's fields and values when the MSSL sends SRLP adjusted usage feed file to an MPR.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge the message received from the MSSL.

## 6.24 G1 Invoice File

The following table identifies the messages required, and the message's fields and values when the MSSL sends an invoice batch file to an MPR.

Transaction	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge the message received from the MSSL.

## 6.25 J1 Consumer Transfer Request (Non-Market to MPR) Retailer Initiated

The following table identifies the message required, and the message's fields and values when the MPR sends a NCC to CC transfer request to MSSL

Trans	Fields													
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	EBS Account Number	Consumer Name	Postcode	New Supplier Id	Action date	Billing Option	User Id	Sending Party Type	Meter Option	Consumer Self Read Flag

J1 (1)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	SRLP	
J1 (2)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	AMI	
J1 (3)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	AMI	
J1 (4)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	AMI	
J1 (5) (a)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	AMI	
J1 (5) (b)	Termination Notification	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	N/A	93xxxxxxx x	N/A	N/A	Generated by your system	SE	N/A	N/A
J1 (6)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	SRLP	
J1 (7)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	SRLP	X
J1 (8) (a)	NCC to CC	930XXX XXXX	9300000 016	930XXXXXX X:000039	8XXXXXXXX X	consumer 93xxxxxxxx	100000	93xxxxxxx x	yyyyMM ddhhm mss	SB	Generated by your system	SE	AMI	
J1 (8) (b)	New Action Date Notice	930XXX XXXX	9300000 016	930XXXXXX X:000031	SE	N/A	N/A	N/A	yyyyMM ddhhm mss	Generate d by your system				

## 6.26 K1 Special Read Request

The following table identifies the message required, and the message's fields and values when the MPR sends a Special Read request to MSSL

Trans	Fields															
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Account Number	Consumer Name	Post Code	Sending Party Type	User Id	Meter Id	Reading Date	Register ID	Meter Reading	Unit of Measure	Reading Remarks	Reason for Failure
K1 (1)a	Special read Request	930XX XXXX X	930000001 6	930XXX XXXX:0 00039	93XXXXX XXX	consumer 93xxxxxx xx	100000	SE	Generated by your system	N/A	N/A	N/A	N/A	N/A	N/A	N/A
K1 (1)b	Special read Details	930XX XXXX X	930000001 6	930XXX XXXX:0 00039	93XXXXX XXX	N/A	N/A	N/A	N/A	XXXXX XXXXX	yyyyMM ddhhm mss	XX	XXXXXX XX	Kwh	Remarks generated by system	Reason for failure by system
K1 (2)	Special read Request	930XX XXXX X	930000001 6	930XXX XXXX:0 00039	93XXXXX XXX	consumer 93xxxxxx xx	100000	SE	Generated by your system	N/A	N/A	N/A	N/A	N/A	N/A	N/A
K1 (3)	Special read Request	930XX XXXX X	930000001 6	930XXX XXXX:0 00039	93XXXXX XXX	consumer 93xxxxxx xx	100000	SE	Generated by your system	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## 6.27 L1 Meter Option Change Request

The following table identifies the message required, and the message's fields and values when the MPR sends a Meter Option Change Request to MSSL

Trans	Fields								
	Message Type	Sending Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Post Code	Meter Option	User ID
L1 (1)	Meter Option Change	930XXX XXXX	930XXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	930XXXXX XX	SRLP	Generated by your system
L1 (2)	Meter Option Change	930XXX XXXX	930XXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	930XXXXX XX	AMI	Generated by your system
L1 (3) (a)	Meter Option Change	930XXX XXXX	930XXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	930XXXXX XX	AMI	Generated by your system
L1 (3) (b)	Termination Notice	930XXX XXXX	930XXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
L1 (4)	Meter Option Change	930XXX XXXX	930XXXXXXXX :000039	SE	93xxxxxxxx	consumer 93xxxxxxxx	930XXXXX XX	AMI/SRLP	Generated by your system

## 7 Certification

To be certified, a Participant must complete all of the defined tests using the data and schedule assigned (except as noted below). They may perform these tests during any one of the three test cycles. In order for a test script to be passed each item in the “Expected Output” section of the script must be “P”. Participants are required to complete and submit to the MSSL the checklist on the following page; entering “P” for pass, or “F” for fail in each box.

### **Exception**

Some Participant’s systems will not allow messages to be sent containing invalid action dates. In this case Participants should enter “SC” (system controlled) in the checklist box.

## Certification Checklist

The following tests were performed according to instructions and data as defined in the Market Participant Test Kit.

<b>Test Name</b>	<b>Pass / Fail / SC</b>
A1 (1) Normal Consumer Transfer Request (MSSL to MPR)	
A1 (2) Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> ) (MSSL to MPR)	
A1 (3) Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> ) (MSSL to MPR)	
A1 (4) Successful cancellation of Consumer Transfer Request (MSSL to MPR)	
A1 (5) Unsuccessful cancellation of Consumer Transfer Request (MSSL to MPR)	
A1 (6) Normal Consumer Transfer Request for transferring a consumer from the MSSL to an MPR with Consumer self read flag provided	
A2 (1) Normal Consumer Transfer Request (MPR to MPR)	
A2 (2) Consumer Transfer Request for transferring a consumer from an MPR to another MPR where the request is cancelled by the new MPR	
A2 (3) Consumer Transfer Request for transferring a consumer from an MPR to another MPR where there is an unsuccessful attempt to cancel the request by the new MPR	
A2 (4) Successful cancellation of Consumer Transfer Request (MPR to MPR)	
A2 (6) Normal Consumer Transfer Request for transferring a consumer from an MPR to another MPR with Consumer self read flag provided	
A3 (1) Normal Consumer Transfer Request (MPR to MSSL) (Consumer Initiated)	
A3 (2) Cancellation of Consumer Transfer Request by MSSL (MPR to MSSL) (Consumer Initiated)	
A4 (1) Normal Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)	
A4 (2) Successful cancellation of Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)	
A4 (3) Unsuccessful cancellation of Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)	

<b>Test Name</b>	
	<b>Pass / Fail / SC</b>
A4 (4) Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> ) (MPR to MSSL) (Retailer Initiated)	
A4 (5) Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> ) (MPR to MSSL) (Retailer Initiated)	
A4 (6) Normal Consumer Transfer Request for transferring a consumer from an MPR to the MSSL (retailer initiated) with Consumer self read flag provided	
A5 (1) Normal Consumer Transfer Request (MPR to MSSL) (MSSL Initiated)	
A6 (1) Normal Consumer Transfer Request DMP-MPR	
A6 (2) DMP-MPR Consumer Transfer Request with invalid transfer date (Upper boundary)	
A6 (3) DMP-MPR Consumer Transfer Request with invalid transfer date (Lower boundary)	
A6 (4) DMP-MPR Successful cancellation of Consumer Transfer Request	
A6 (5) DMP-MPR Unsuccessful cancellation of Consumer Transfer Request	
A7 (1) Consumer Transfer Request MPR-DMP (playing role of current MPR)	
A8 (1) Normal Consumer Transfer Request MPR-Non Market (Retailer Initiated)	
A8 (2) Successful cancellation of Consumer Transfer Request MPR-Non Market (Retailer Initiated)	
A8 (3) Unsuccessful cancellation of Consumer Transfer Request MPR-Non Market (Retailer Initiated)	
A8 (4) Consumer Transfer Request MPR-Non Market (Retailer Initiated) with invalid transfer date (Upper boundary)	
A8 (5) Consumer Transfer Request MPR-Non Market (Retailer Initiated) with invalid transfer date (Lower boundary)	
A8 (6) Normal Consumer Transfer Request for transferring a consumer from an MPR to the Non-Market (retailer initiated) with Consumer self read flag provided	
A9 (1) Mass Consumer Transfer Request MSSL-MPR (Retailer Initiated)	
A9 (2) Mass Consumer Transfer Request initiated by the MPR for transferring consumers from the MSSL to an MPR having Consumer Self Read flag provided	
A9 (3) Mass Consumer Transfer Request MPR-MPR (Retailer Initiated)	



<b>Test Name</b>	
	<b>Pass / Fail / SC</b>
A9 (4) Mass Consumer Transfer Request initiated by the MPR for transferring consumers from an MPR to another MPR having Consumer Self Read flag provided	
A9 (5) Mass Consumer Transfer Request MPR to MSSL (Retailer Initiated)	
A9 (6) Mass Consumer Transfer Request initiated by the MPR for transferring consumers from an MPR to MSSL having Consumer Self Read flag provided	
B1 Account Closure (Retailer Initiated), Normal, Cancellation successful, Cancellation unsuccessful, Change of Account Closure date and Action Date passed	
B2 Account Closure (MSSL/Consumer Initiated), Normal, Cancellation successful	
C1 Voluntary Temporary Disconnection (Retailer Initiated), Normal, Cancellation successful, Cancellation unsuccessful	
C2 Voluntary Temporary Disconnection (MSSL/Consumer Initiated), Normal, Cancellation successful	
C3 Involuntary Temporary Disconnection (MSSL Initiated), Normal, Cancellation successful, Cancellation unsuccessful	
D1 Billing Option Change (retailer consolidated to split), Normal, Cancellation successful, Cancellation unsuccessful, Residential consumer	
D2 Billing Option Change (split to retailer consolidated), Normal, Cancellation successful, Cancellation unsuccessful, Residential consumer	

E1 (1) Normal Consumer History Request	
E1 (2) Consumer History Request for Residential Consumer	
F1 Normal Usage Feed from MSSL	
F2 Normal Adjusted Usage Feed from MSSL	
F3 SRLP Usage Feed from MSSL	
F4 SRLP Adjusted Usage Feed from MSSL	
G1 Normal Invoice Feed from MSSL	
J1 (1) Normal Consumer Transfer Request Non Market to MPR with SRLP Meter Option	
J1 (2) Normal Consumer Transfer Request Non market to MPR with AMI Meter Option	
J1 (3) Consumer Transfer Request Non Market to MPR with invalid transfer date ( <i>Upper boundary</i> )	
J1 (4) Consumer Transfer Request Non Market to MPR with invalid transfer date ( <i>Lower boundary</i> )	
J1 (5) Successful cancellation of Consumer Transfer Request Non Market to MPR	
J1 (6) Consumer Transfer Request for transferring a consumer from the Non-market to an MPR where the request is terminated via the MSSL	
J1 (7) Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with SRLP Meter Option having Consumer Self Read flag provided	
J1 (8) Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with AMI Meter Option having early remediation of AMI meter	
J1 (9) Consumer Transfer Request initiated by the MPR for transferring a consumer from the Non-market to an MPR with AMI Meter Option having late remediation of AMI meter	
K1 (1) Special Read Request for consumer having SRLP Meter option (Retailer Initiated)	
K1 (2) Special Read Request for consumer having AMI Meter option (Retailer Initiated)	
K1 (3) Special Read Request initiated by the MPR for C & I consumer	
L1 (1) Meter Option Change Request for AMI to SRLP (Retailer Initiated)	
L1 (2) Meter Option Change Request for SRLP to AMI (Retailer Initiated)	
L1 (3) Successful cancellation of Meter option Change Request (Retailer Initiated)	
L1 (4) Normal Meter Option Change request initiated by the MPR for C & I consumer	

Company: \_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## 8 Demand Response Scheme

### 8.1 Overview

Demand response can be broadly defined as the change in electricity usage in response to market conditions particularly during periods of high wholesale market price. An effective demand response programme improves the overall efficiency of the market by allowing consumers to respond to real-time market pricing signals. In addition, demand response can lower peak electricity demand, thereby bringing about benefits such as reducing the need to start up less efficient power plants during peak periods and promoting efficient long-run investments for system expansion. For consumers, demand response provides an additional option for them to participate in the electricity market, with appropriate incentives to better manage their electricity usage in response to the market conditions.

This section covers the testing for Demand Response Scheme (DRS) only. For information on existing process, refer to the previous sections of this document. Information that is common to the existing EBT system and DRS are listed in the table below.

Topic	Section in document
Overview	Section 1.1
Structure of document	Section 1.2
First steps	Section 1.3
Audience	Section 1.4
Test Compliance Requirements	Section 3
Test Execution Roadmap	Section 4

### 8.2 Terminology

There are a number of terms that have specific meanings within the context of DRS. These terms are listed below for reference.

Term	Meaning
Demand Response Aggregator (DRA)	A company who is able to aggregate the demand of multiple consumers into a larger tranche.
DRS Consumer	An end-user consumer that takes part in the Demand Response Scheme under a DRA.
Direct DRA (DDRA)	An end-user consumer that chooses to participate in the Demand Response Scheme directly as a licensed load provider.
Load Registered Facility (LRF)	Any facility that draws energy from the transmission system.

## 8.3 Scope

The tests specified in this section only cover the scenarios for DRAs and DDRAs.

## 8.4 Testing Transaction Types

The following are the transaction types related to the DRAs:

- Demand Response Registration for a new DRS consumer
- Demand Response Transfer Requests for transferring DRS consumers from a DRA to another DRA
- Demand Response Transfer Requests for transferring DRS consumers to another LRF under the same DRA
- Demand Response Transfer Requests for transferring DRS consumers from a DDRA to a DRA
- Demand Response Transfer Requests for transferring DRS consumers from a DRA to a DDRA
- Usage data dispatches
- Invoice data dispatches
- Transaction terminations
- Demand Response Deregistration for a DRS consumer

## 8.5 Scenarios

No	Scenarios	Cross Reference
1.	Normal Demand Response Registration Request for a new DRS consumer	H1 (1)
2.	Demand Response Registration Request for a new DRS consumer with invalid registration date (after 23:59:59 on the ninetieth calendar day after current system date)	H1 (2)
3.	Demand Response Registration Request for a new DRS consumer with invalid registration date (current system date)	H1 (3)
4.	Demand Response Registration Request for a new DRS consumer where the request is cancelled	H1 (4)
5.	Demand Response Registration Request for a new DRS consumer without 'AMI' meter installed on Premise	H1(5)
6.	Normal Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA	H2 (1)
7.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA (playing role of current DRA) with a valid objection and no termination from current DRA	H2 (2)
8.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA (playing role of current DRA) with a valid objection and termination from current DRA	H2 (3)

No	Scenarios	Cross Reference
9.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA where the request is cancelled by the new DRA	H2 (4)
10.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA (playing role of current DRA) where the request is cancelled by the new DRA	H2 (5)
11.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA where there is an unsuccessful attempt to cancel the request by the new DRA	H2 (6)
12.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	H2 (7)
13.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to another DRA with transfer date too soon	H2 (8)
14.	Normal Demand Response Transfer Request for transferring a DRS consumer to another LRF under the same DRA	H3 (1)
15.	Demand Response Transfer Request for transferring a DRS consumer to another LRF under the same DRA where the request is cancelled by the DRA	H3 (2)
16.	Demand Response Transfer Request for transferring a DRS consumer to another LRF under the same DRA where there is an unsuccessful attempt to cancel the request by the DRA	H3 (3)
17.	Demand Response Transfer Request for transferring a DRS consumer to another LRF under the same DRA with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	H3 (4)
18.	Demand Response Transfer Request for transferring a DRS consumer to another LRF under the same DRA with invalid transfer date (current system date)	H3 (5)
19.	Normal Demand Response Transfer Request for transferring a DRS consumer from a DDRA to a DRA	H4 (1)
20.	Demand Response Transfer Request for transferring a DRS consumer from a DDRA to a DRA with invalid transfer date (after 23:59:59 on the ninetieth calendar day after current system date)	H4 (2)
21.	Demand Response Transfer Request for transferring a DRS consumer from a DDRA to a DRA with invalid transfer date (current system date)	H4 (3)
22.	Demand Response Transfer Request for transferring a DRS consumer from a DDRA to a DRA where the request is cancelled by the DRA	H4 (4)

No	Scenarios	Cross Reference
23.	Demand Response Transfer Request for transferring a DRS consumer from a DDRA to a DRA where there is an unsuccessful attempt to cancel the request by the DRA	H4 (5)
24.	Normal Demand Response Transfer Request for transferring a DRS consumer from a DRA to a DDRA (playing role of current DRA)	H5 (1)
25.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to a DDRA (playing role of current DRA) with a valid objection and no termination from the current DRA	H5 (2)
26.	Demand Response Transfer Request for transferring a DRS consumer from a DRA to a DDRA (playing role of current DRA) with a valid objection and termination from the current DRA	H5 (3)
27.	Normal Demand Response De-Registration Request	H6 (1)
28.	Demand Response De-Registration Request with invalid Action date (Upper boundary)	H6 (2)
29.	Demand Response De-Registration Request with invalid action date (Lower boundary)	H6 (3)
30.	Successful cancellation of Demand Response De- Registration Request	H6 (4)
31.	Un-Successful cancellation of Demand Response De-Registration Request	H6 (5)
32.	Demand Response De-Registration where there is a Change in action date initiated by MSSSL	H6 (6)
33.	Demand Response De-Registration where action date has passed and New Action Date is required from MPR	H6 (7)
34.	Demand Response De-Registration Request initiated by the MSSSL or by a consumer	H7 (1)
35.	Demand Response De-Registration initiated by the MSSSL or by a consumer where the request is cancelled	H7 (2)

No	Scenarios	Cross Reference
36.	Normal Usage Feed	I1

No	Scenarios	Cross Reference
37.	Normal Invoice Feed	M1

## 8.6 Scenario Detail Tables

Note that for Consumer Transfer transactions the Participant-under-test plays the role of the new retailer unless otherwise specified.

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H1 (1)	Demand Response Registration Request	Normal Demand Response Registration Request	See section H1 Demand Response Registration Request  Demand Response Registration Request H1 (1)	1) Demand Response Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Change Complete Notification from MSSL to DRA 4) Inbound Transaction Acknowledgement from DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
H1 (2)	Demand Response Registration Request	Demand Response Registration Request with invalid transfer date ( <i>Upper boundary</i> )	Demand Response Registration Request H1 (2)	1) Demand Response Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF		



No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H1 (3)	Demand Response Registration Request	Demand Response Registration Request with invalid transfer date ( <i>Lower boundary</i> )	Demand Response Registration Request H1 (3)	1) Demand Response Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA ( <i>action date is too soon</i> )	1) P F PF 2) P F PF		
H1 (4)	Demand Response Registration Request	Successful cancellation of Demand Response Registration Request	Demand Response Registration Request H1 (4)	1) Demand Response Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Termination Notice from DRA to MSSL 4) Validation Acknowledgement from MSSL to DRA	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
H1(5)	Demand Response Registration Request	Demand Response Registration Request for a new DRS consumer without 'AMI' meter installed on Premise	Demand Response Registration Request H1 (5)	1) Demand Response Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA ( <i>Only consumers with AMI meters can opt for DR scheme</i> )	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H2 (1)	Demand Response Transfer Request (DRA-DRA)	Normal Demand Response Transfer Request	See section H2 Demand Response Transfer Request (DRA to DRA)  Demand Response Transfer Request H2 (1)	<ol style="list-style-type: none"> <li>1) Demand Response Transfer Request from DRA to MSSL</li> <li>2) Validation Acknowledgement from MSSL to new DRA</li> <li>3) Change Complete Notification from MSSL to new DRA</li> <li>4) Inbound Transaction Acknowledgement from new DRA to MSSL</li> </ol>	<ol style="list-style-type: none"> <li>1) P F PF</li> <li>2) P F PF</li> <li>3) P F PF</li> <li>4) P F PF</li> </ol>		
H2 (2)	Demand Response Transfer Request (DRA-DRA) (playing role of current DRA)	Demand Response Transfer Request with valid objection and no termination from current DRA  (Demand Response Transfer Request is not terminated)	Demand Response Transfer Request H2 (2)	<ol style="list-style-type: none"> <li>1) Change Pending Notification from MSSL to DRA</li> <li>2) Inbound Transaction Acknowledgement from DRA to MSSL</li> <li>3) Objection Notice from DRA to MSSL</li> <li>4) Validation Acknowledgement from MSSL to DRA</li> </ol>	<ol style="list-style-type: none"> <li>1) P F PF</li> <li>2) P F PF</li> <li>3) P F PF</li> <li>4) P F PF</li> </ol>		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H2 (3)	Demand Response Transfer Request (DRA-DRA) (playing role of current DRA)	Demand Response Transfer Request with valid objection and termination from current DRA  (Demand Response Transfer Request is terminated)	Demand Response Transfer Request H2 (3)	<ol style="list-style-type: none"> <li>1) Change Pending Notification from MSSL to DRA</li> <li>2) Inbound Transaction Acknowledgement from DRA to MSSL</li> <li>3) Objection Notice from DRA to MSSL</li> <li>4) Validation Acknowledgement from MSSL to DRA</li> <li>5) Termination Notice from DRA to MSSL</li> <li>6) Validation Acknowledgement from MSSL to DRA</li> </ol>	<ol style="list-style-type: none"> <li>1) P F PF</li> <li>2) P F PF</li> <li>3) P F PF</li> <li>4) P F PF</li> <li>5) P F PF</li> <li>6) P F PF</li> </ol>		
H2 (4)	Demand Response Transfer Request (DRA-DRA)	Successful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H2 (4)	<ol style="list-style-type: none"> <li>1) Demand Response Transfer Request from new DRA to MSSL</li> <li>2) Validation Acknowledgement from MSSL to new DRA</li> <li>3) Termination Notice from new DRA to MSSL</li> <li>4) Validation Acknowledgement from MSSL to new DRA</li> </ol>	<ol style="list-style-type: none"> <li>1) P F PF</li> <li>2) P F PF</li> <li>3) P F PF</li> <li>4) P F PF</li> </ol>		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H2 (5)	Demand Response Transfer Request (DRA-DRA) (playing role of current DRA)	Successful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H2 (5)	1) Change Pending Notification from MSSL to DRA 2) Inbound Transaction Acknowledgement from DRA to MSSL 3) Transaction Termination Notification from MSSL to DRA 4) Termination Transaction Acknowledgement from DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
H2 (6)	Demand Response Transfer Request (DRA-DRA)	Unsuccessful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H2 (6)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA 3) Termination Notice from new DRA to MSSL 4) Validation Acknowledgement from MSSL to new DRA ( <i>action date of the original request is too soon</i> ) 5) Change Complete Notification from MSSL to new DRA 6) Inbound Transaction Acknowledgement from new DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H2 (7)	Demand Response Transfer Request (DRA-DRA)	Demand Response Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	Demand Response Transfer Request H2 (7)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF		
H2 (8)	Demand Response Transfer Request (DRA-DRA)	Demand Response Transfer Request with transfer date too soon	Demand Response Transfer Request H2 (8)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA 3) New Action Date Required Notification from MSSL to new DRA 4) Inbound Transaction Acknowledgement from new DRA to MSSL 5) New Action Date Notice from new DRA to MSSL 6) Validation acknowledgement from MSSL to new DRA 7) Change Complete Notification from MSSL to new DRA 8) Inbound Transaction Acknowledgement from new DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF 7) P F PF 8) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H3 (1)	Demand Response Transfer Request (LRF Transfer within DRA)	Normal Demand Response Transfer Request	See section H3 Demand Response Transfer Request (LRF Transfer within DRA)  Demand Response Transfer Request H3 (1)	1) Demand Response Transfer Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Change Complete Notification from MSSL to DRA 4) Inbound Transaction Acknowledgement from DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF		
H3 (2)	Demand Response Transfer Request (LRF Transfer within DRA)	Successful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H3 (2)	1) Demand Response Transfer Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Termination Notice from DRA to MSSL 4) Validation Acknowledgement from MSSL to DRA	1) P F PF 2) P F PF 3) P F PF 4) P F PF		

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
H3 (3)	Demand Response Transfer Request (LRF Transfer within DRA)	Unsuccessful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H3 (3)	1) Demand Response Transfer Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Termination Notice from DRA to MSSL 4) Validation Acknowledgement from MSSL to DRA ( <i>action date of the original request is too soon</i> ) 5) Change Complete Notification from MSSL to DRA 6) Inbound Transaction Acknowledgement from DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF		
H3 (4)	Demand Response Transfer Request (LRF Transfer within DRA)	Demand Response Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	Demand Response Transfer Request H3 (4)	1) Demand Response Transfer Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF		
H3 (5)	Demand Response Transfer Request (LRF Transfer within DRA)	Demand Response Transfer Request with invalid transfer date ( <i>Lower boundary</i> )	Demand Response Transfer Request H3 (5)	1) Demand Response Transfer Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA ( <i>action date is too soon</i> )	1) P F PF 2) P F PF		

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No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments
H4 (1)	Demand Response Transfer Request (DDRA-DRA)	Normal Demand Response Transfer Request	See section H4 Demand Response Transfer Request (DDRA-DRA)  Demand Response Transfer Request H4 (1)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA 3) Change Complete Notification from MSSL to new DRA 4) Inbound Transaction Acknowledgement from new DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF	
H4 (2)	Demand Response Transfer Request (DDRA-DRA)	Demand Response Transfer Request with invalid transfer date ( <i>Upper boundary</i> )	Demand Response Transfer Request H4 (2)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA ( <i>action date is too far in the future</i> )	1) P F PF 2) P F PF	
H4 (3)	Demand Response Transfer Request (DDRA-DRA)	Demand Response Transfer Request with invalid transfer date ( <i>Lower boundary</i> )	Demand Response Transfer Request H4 (3)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA ( <i>action date is too soon</i> )	1) P F PF 2) P F PF	



No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments
H4 (4)	Demand Response Transfer Request (DDRA-DRA)	Successful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H4 (4)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA 3) Termination Notice from new DRA to MSSL 4) Validation Acknowledgement from MSSL to new DRA	1) P F PF 2) P F PF 3) P F PF 4) P F PF	
H4 (5)	Demand Response Transfer Request (DDRA-DRA)	Unsuccessful cancellation of Demand Response Transfer Request	Demand Response Transfer Request H4 (5)	1) Demand Response Transfer Request from new DRA to MSSL 2) Validation Acknowledgement from MSSL to new DRA 3) Termination Notice from new DRA to MSSL 4) Validation Acknowledgement from MSSL to new DRA ( <i>action date of the original request is too soon</i> ) 5) Change Complete Notification from MSSL to new DRA 6) Inbound Transaction Acknowledgement from new DRA to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF	

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments
H5 (1)	Demand Response Transfer Request (DRA-DDRA) (playing role of current DRA)	Normal Demand Response Transfer Request	See section H5 Demand Response Transfer Request (DRA-DDRA)  Demand Response Transfer Request H5 (1)	1) Change Pending Notification from MSSSL to DRA 2) Inbound Transaction Acknowledgement from DRA to MSSSL	1) P F PF 2) P F PF	
H5 (2)	Demand Response Transfer Request (DRA-DDRA) (playing role of current DRA)	Demand Response Transfer Request with valid objection and no termination from current DRA  (Demand Response Transfer Request is not terminated)	Demand Response Transfer Request H5 (2)	1) Change Pending Notification from MSSSL to DRA 2) Inbound Transaction Acknowledgement from DRA to MSSSL 3) Objection Notice from DRA to MSSSL 4) Validation Acknowledgement from MSSSL to DRA	1) P F PF 2) P F PF 3) P F PF 4) P F PF	

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments
H5 (3)	Demand Response Transfer Request (DRA-DDRA) (playing role of current DRA)	Demand Response Transfer Request with valid objection and termination from current DRA  (Demand Response Transfer Request is terminated)	Demand Response Transfer Request H5 (3)	<ol style="list-style-type: none"> <li>1) Change Pending Notification from MSSL to DRA</li> <li>2) Inbound Transaction Acknowledgement from DRA to MSSL</li> <li>3) Objection Notice from DRA to MSSL</li> <li>4) Validation Acknowledgement from MSSL to DRA</li> <li>5) Termination Notice from DRA to MSSL</li> <li>6) Validation Acknowledgement from MSSL to DRA</li> </ol>	<ol style="list-style-type: none"> <li>1) P F PF</li> <li>2) P F PF</li> <li>3) P F PF</li> <li>4) P F PF</li> <li>5) P F PF</li> <li>6) P F PF</li> </ol>	
H6 (1)	Demand Response De-Registration Request	Normal Demand Response De-Registration Request	<p>See section H6 Demand Response Registration Request</p> <p>Demand Response Registration Request H6 (1)</p>	<ol style="list-style-type: none"> <li>1) Demand Response De-Registration Request from DRA to MSSL</li> <li>2) Validation Acknowledgement from MSSL to DRA</li> <li>3) Change Complete Notification from MSSL to DRA</li> <li>4) Inbound Transaction Acknowledgement from DRA to MSSL</li> </ol>	<ol style="list-style-type: none"> <li>1) P F PF</li> <li>2) P F PF</li> <li>3) P F PF</li> <li>4) P F PF</li> </ol>	

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments
H6 (2)	Demand Response De-Registration Request	Demand Response De-Registration Request with invalid Action date (Upper boundary)	Demand Response Registration Request H6 (2)	1) Demand Response De-Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA (action date is too far in the future)	1) P F PF 2) P F PF	
H6 (3)	Demand Response De-Registration Request	Demand Response De-Registration Request with invalid action date (Lower boundary)	Demand Response Registration Request H6 (3)	1) Demand Response De-Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA (action date is too soon)	1) P F PF 2) P F PF	
H6 (4)	Demand Response De-Registration Request	Successful cancellation of Demand Response De-Registration Request	Demand Response Registration Request H6 (4)	1) Demand Response De-Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Termination Notice from DRA to MSSL 4) Validation Acknowledgement from MSSL to DRA	1) P F PF 2) P F PF 3) P F PF 4) P F PF	
H6 (5)	Demand Response De-Registration Request	Un-Successful cancellation of Demand Response De-Registration Request	Demand De Registration Request H6 (5)	1) Demand Response De-Registration Request from DRA to MSSL 2) Validation Acknowledgement from MSSL to DRA 3) Termination Notice from DRA to MSSL 4) Validation Acknowledgement from MSSL to DRA	1) P F PF 2) P F PF 3) P F PF 4) P F PF	

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No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments
H6 (6)	Demand Response De-Registration Request	Change in action date initiated by MSSL	Demand De Response Registration Request H6 (6)	1) Demand Response De-Registration Request from DRA / EMC to MSSL 2) Validation Acknowledgment from MSSL to DRA / MSSL 3) MSSL initiates Change of action Date. Change Pending Notification from MSSL to DRA / MSSL	1) P F PF 2) P F PF 3) P F PF	
H6 (7)	Demand Response De-Registration Request	Action date has passed and New Action Date is required from DRA	Demand De Response Registration Request H6 (7)	1) Demand Response De-Registration Request from DRA / EMC to MSSL 2) Validation Acknowledgment from MSSL to DRA / EMC 3) New Action Date Required from MSSL to DRA / EMC 4) Inbound Transaction Acknowledgement from DRA / EMC to MSSL 5) New Action Date Notice from DRA / EMC to MSSL 6) Validation Acknowledgement from MSSL to DRA / EMC	1) P F PF 2) P F PF 3) P F PF 4) P F PF 5) P F PF 6) P F PF	
H7 (1)	Demand Response De-Registration Request	Request initiated by the MSSL or by a consumer	Demand De Response Registration Request H7 (1)	1) Change Pending Notification from MSSL to DRA / EMC 2) Inbound Transaction Acknowledgement from MPR to DRA / EMC	1) P F PF 2) P F PF	

<b>No.</b>	<b>Transaction Type</b>	<b>Scenarios</b>	<b>Information for Participant</b>	<b>Expected Exchange of Messages</b>	<b>Pass (P) / Fail (F) / Partial Fail (PF)</b>	<b>Reasons/ Comments</b>
H7 (2)	Demand Response De-Registration Request	Request initiated by the MSSL or by a consumer where the request is cancelled	Demand De Response Registration Request H7 (2)	1) Change Pending Notification from MSSL to DRA / EMC 2) Inbound Transaction Acknowledgement from DRA / EMC to MSSL 3) Termination Notification from MSSL to DRA / EMC 4) Termination Transaction Acknowledgement from DRA / EMC to MSSL	1) P F PF 2) P F PF 3) P F PF 4) P F PF	

No.	Transaction Type	Scenarios	Information for Participant	Expected Exchange of Messages	Pass (P) / Fail (F) / Partial Fail (PF)	Reasons/ Comments	Time Stamp
I1	Usage Feed	Normal	See section I1 Usage File	<u>Normal:</u> 1) Usage from MSSL to DRA  2) Inbound Transaction Acknowledgement from DRA to MSSL	<u>Normal:</u> 1) P F PF  2) P F PF		
M1	Invoice Feed	Normal	See section J1 Invoice File	<u>Normal:</u> 1) Invoice batch from MSSL to DRA  2) Inbound Transaction Acknowledgement from DRA to MSSL	<u>Normal:</u> 1) P F PF  2) P F PF		

## 8.7 Information for Participant tables

The values provided under the Action Date field served as a guideline on the format of the date time stamp. The exact value will be determined by the test administrator during the execution.

### 8.7.1 H1 Demand Response Registration Request

The following table identifies the messages required, and their fields and values when a DRA submits a request to register a DRS consumer under themselves. The DRA submits the registration requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Consumer Account Number	Consumer Name	Premises Postcode	Request Type	New Supplier ID	Load Facility	Action Date	Sending Party Type	User ID
H1 (1) a	DRRT	930XXX XXXX	9300 0000 16	930XXXXXX X:000001	93xxxxxxxx	consumer 93xxxxxxxx	100000	REG	93xxxxxxxx	LRF_001	yyyyMMddh hmmss	SE	Generate d by your system
H1 (2) a	DRRT	930XXX XXXX	9300 0000 16	930XXXXXX X:000002	93xxxxxxxx	consumer 93xxxxxxxx	100000	REG	93xxxxxxxx	LRF_001	yyMMddhh mmss	SE	Generate d by your system
H1 (3) a	DRRT	930XXX XXXX	9300 0000 16	930XXXXXX X:000003	93xxxxxxxx	consumer 93xxxxxxxx	100000	REG	93xxxxxxxx	LRF_001	yyyyMMddh hmmss	SE	Generate d by your system
H1 (4) a	DRRT	930XXX XXXX	9300 0000 16	930XXXXXX X:000004	93xxxxxxxx	consumer 93xxxxxxxx	100000	REG	93xxxxxxxx	LRF_001	yyyyMMddh hmmss	SE	Generate d by your system
H1 (4) b	Termination Notification	930XXX XXXX	9300 0000 16	930XXXXXX X:000004	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generate d by your system
H1 (5) a	DRRT	930XXX XXXX	9300 0000 16	930XXXXXX X:000003	93xxxxxxxx	consumer 93xxxxxxxx	100000	REG	93xxxxxxxx	LRF_001	yyyyMMddh hmmss	SE	Generate d by your system



## 8.7.2 H2 Demand Response Transfer Request (DRA to DRA)

The following table identifies the messages required, and their fields and values when a DRA either submits a request to transfer consumers from another DRA to themselves, or when they receive a change notification informing them they are going to lose one of their consumers. The DRA submits the transfer requests on behalf of the consumers.

Tran s	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Consumer Account Number	Consumer Name	Premises Postcode	Request Type	New Supplier ID	Load Facility	Action Date	Sending Party Type	User ID
H2 (1) a	DRRT	930XXX XXXX	9300000016	930XXXXX XX:000005	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxx xx	LRF_002	yyyyMMddh hmmss	SE	Generate d by your system
H2 (2) a	Objecti on Notific ation	930XXX XXXX	9300000016	930XXXXX XX:000007	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SE	Generate d by your system
H2 (3) a	Objecti on Notific ation	930XXX XXXX	9300000016	930XXXXX XX:000008	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SE	Generate d by your system
H2 (3) b	Termin ation Notific ation	930XXX XXXX	9300000016	930XXXXX XX:000008	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generate d by your system
H2 (4) a	DRRT	930XXX XXXX	9300000016	930XXXXX XX:000009	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxx xx	LRF_002	yyyyMMddh hmmss	SE	Generate d by your system
H2 (4) b	Termin ation Notific ation	930XXX XXXX	9300000016	930XXXXX XX:000009	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generate d by your system
H2 (6) a	DRRT	930XXX XXXX	9300000016	930XXXXX XX:000010	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxx xx	LRF_002	yyyyMMddh hmmss	SE	Generate d by your system

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Consumer Account Number	Consumer Name	Premises Postcode	Request Type	New Supplier ID	Load Facility	Action Date	Sending Party Type	User ID
H2 (6) b	Termination Notification	930XXX XXXX	9300000016	930XXXXX XX:000010	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system
H2 (7) a	DRRT	930XXX XXXX	9300000016	930XXXXX XX:000011	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxx xx	LRF_002	yyyyMMddh hmmss	SE	Generated by your system
H2 (8) a	DRRT	930XXX XXXX	9300000016	930XXXXX XX:000012	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxx xx	LRF_002	yyyyMMddh hmmss	SE	Generated by your system
H2 (8) b	New Action Date Notice	930XXX XXXX	9300000016	930XXXXX XX:000012	N/A	N/A	N/A	N/A	N/A	N/A	yyyyMMddh hmmss	SE	Generated by your system

### 8.7.3 H3 Demand Response Transfer Request (LRF Transfer within DRA)

The following table identifies the messages required, and their fields and values when a DRA either submits a request to transfer consumers between LRF under themselves. The DRA submits the transfer requests on behalf of the consumers.

Tr an s	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Consumer Account Number	Consumer Name	Premises Postcode	Request Type	New Supplier ID	Load Facility	Action Date	Sending Party Type	User ID
H3 (1) a	DRRT	930XXXXX XX	9300000016	930XXX XXXX:0 00013	93xxxxxxxx	consumer 93xxxxxxxx	100000	LTF	93xxxxxxxx	LRF_003	yyyyMMddhh mmss	SE	Generated by your system
H3 (2) a	DRRT	930XXXXX XX	9300000016	930XXX XXXX:0 00014	93xxxxxxxx	consumer 93xxxxxxxx	100000	LTF	93xxxxxxxx	LRF_003	yyyyMMddhh mmss	SE	Generated by your system
H3 (2) b	Termination Notification	930XXXXX XX	9300000016	930XXX XXXX:0 00014	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system
H3 (3) a	DRRT	930XXXXX XX	9300000016	930XXX XXXX:0 00015	93xxxxxxxx	consumer 93xxxxxxxx	100000	LTF	93xxxxxxxx	LRF_003	yyyyMMddhh mmss	SE	Generated by your system
H3 (3) b	Termination Notification	930XXXXX XX	9300000016	930XXX XXXX:0 00015	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system
H3 (4) a	DRRT	930XXXXX XX	9300000016	930XXX XXXX:0 00016	93xxxxxxxx	consumer 93xxxxxxxx	100000	LTF	93xxxxxxxx	LRF_003	yyyyMMddhh mmss	SE	Generated by your system
H3 (5) a	DRRT	930XXXXX XX	9300000016	930XXX XXXX:0 00017	93xxxxxxxx	consumer 93xxxxxxxx	100000	LTF	93xxxxxxxx	LRF_003	yyyyMMddhh mmss	SE	Generated by your system

## 8.7.4 H4 Demand Response Transfer Request (DDRA to DRA)

The following table identifies the messages required, and their fields and values when a DRA submits a request to transfer consumers who participate in DRS directly as a DDRA to themselves. The DRA submits the transfer requests on behalf of the consumers.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Consumer Account Number	Consumer Name	Premises Postcode	Request Type	New Supplier ID	Load Facility	Action Date	Sending Party Type	User ID
H4 (1) a	DRRT	930XXX XXXX	9300000016	930XXXXXX X:000018	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxxxx	LRF_004	yyyyMMddhh mmss	SE	Generated by your system
H4 (2) a	DRRT	930XXX XXXX	9300000016	930XXXXXX X:000019	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxxxx	LRF_004	yyyyMMddhh mmss	SE	Generated by your system
H4 (3) a	DRRT	930XXX XXXX	9300000016	930XXXXXX X:000020	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxxxx	LRF_004	yyyyMMddhh mmss	SE	Generated by your system
H4 (4) a	DRRT	930XXX XXXX	9300000016	930XXXXXX X:000021	93xxxxxxxx	consumer 93xxxxxxxx	100000	DTF	93xxxxxxxx	LRF_004	yyyyMMddhh mmss	SE	Generated by your system
H4 (4) b	Termination Notification	930XXX XXXX	9300000016	930XXXXXX X:000021	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system
H4 (5) a	DRRT	930XXX XXXX	9300000016	930XXXXXX X:000022	93xxxxxxxx	consumer 93xxxxxxxx	100000	LTF	93xxxxxxxx	LRF_003	yyyyMMddhh mmss	SE	Generated by your system
H4 (5) b	Termination Notification	930XXX XXXX	9300000016	930XXXXXX X:000022	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system

### 8.7.5 H5 Demand Response Transfer Request (DRA to DDRA)

The following table identifies the messages required, and their fields and values when a consumer is transferred from a DRA to participate in DRS directly as a DDRA.

Trans	Fields												
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Consumer Account Number	Consumer Name	Premises Postcode	Request Type	New Supplier ID	Load Facility	Action Date	Sending Party Type	User ID
H5 (2) a	Object on Notification	930XX XXXX X	9300000016	930XXXXXX X:000023	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system
H5 (3) a	Object on Notification	930XX XXXX X	9300000016	930XXXXXX X:000024	N/A	N/A	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system
H5 (3) b	Termination Notification	930XX XXXX X	9300000016	930XXXXXX X:000024	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	N/A	N/A	N/A	SE	Generated by your system

### 8.7.6 H6 Demand Response De-Registration Request

The following table identifies the messages required, and their fields and values when a DRA submits a request to De-register a DRS consumer under themselves. The DRA submits the De-registration requests on behalf of the consumers.

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Post Code	Action Date	User ID
H6 (1)	DRD	930XXX XXXX	9300000016	930XXXXXXXX :000027	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system

Trans	Fields									
	Message Type	Sending Party ID	Receiving Party ID	Transaction ID	Sending Party Type	Consumer Account Number	Consumer Name	Post Code	Action Date	User ID
H6 (2)	DRD	930XXX XXXX	9300000016	930XXXXXXXXX :000028	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
H6 (3)	DRD	930XXX XXXX	9300000016	930XXXXXXXXX :000028	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
H6 (4)	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000029	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
H6 (5)	Termination Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000029	SE	93xxxxxxxx	consumer 93xxxxxxxx	N/A	N/A	Generated by your system
H6 (1)	DRD	930XXX XXXX	9300000016	930XXXXXXXXX :000028	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
H6 (2) (a)	DRD	930XXX XXXX	9300000016	930XXXXXXXXX :000028	SE	93xxxxxxxx	consumer 93xxxxxxxx	100000	yyyyMMddhhmmss	Generated by your system
H6 (2) (b)	New Action Date Notice	930XXX XXXX	9300000016	930XXXXXXXXX :000012	SE	N/A	N/A	N/A	yyyyMMddhhmmss	Generated by your system

### 8.7.7 H7 Demand Response De-Registration Request (MSSL Initiated)

The following table identifies the messages required, and their fields and values when the MSSL initiates De-registration of consumer under DRA at its own discretion, or when a consumer submits a request to the MSSL on their behalf.

Trans action	Fields
	As the retailer does not initiate the transaction there will be no messages. The retailer's system merely has to acknowledge all messages received from the MSSL.

### 8.7.8 I1 Usage File

The following table identifies the messages required, and the message's fields and values when the MSSL sends a usage feed file to a DRA.

Trans action	Fields
	As the DRA does not initiate the transaction there will be no messages. The DRA's system merely has to acknowledge the message received from the MSSL.

### 8.7.9 M1 Invoice File

The following table identifies the messages required, and the message's fields and values when the MSSL sends an invoice batch file to a DRA.

Trans action	Fields
	As the DRA does not initiate the transaction there will be no messages. The DRA's system merely has to acknowledge the message received from the MSSL.

## 8.8 Certification

To be certified, a Participant must complete all of the defined tests using the data and schedule assigned (except as noted below). They may perform these tests during any one of the three test cycles. In order for a test script to be passed each item in the “Expected Output” section of the script must be “P”. Participants are required to complete and submit to the MSSL the checklist on the following page; entering “P” for pass, or “F” for fail in each box.

### Exception

Some Participant’s systems will not allow messages to be sent containing invalid action dates. In this case Participants should enter “SC” (system controlled) in the checklist box.

### Certification Checklist

The following tests were performed according to instructions and data as defined in the Market Participant Test Kit.

Test Name	Pass / Fail / SC
H1 (1) Normal Demand Response Registration Request	
H1 (2) Demand Response Registration Request with invalid transfer date ( <i>Upper boundary</i> )	
H1 (3) Demand Response Registration Request with invalid transfer date ( <i>Lower boundary</i> )	
H1 (4) Successful cancellation of Demand Response Registration Request	
H2 (1) Normal Demand Response Transfer Request (DRA to DRA)	
H2 (2) Demand Response Transfer Request with valid objection and no termination from current DRA (DRA to DRA playing role of current DRA)	
H2 (3) Demand Response Transfer Request with valid objection and termination from current DRA (DRA to DRA playing role of current DRA)	



<b>Test Name</b>	<b>Pass / Fail / SC</b>
H2 (4) Successful cancellation of Demand Response Transfer Request (DRA to DRA)	
H2 (5) Successful cancellation of Demand Response Transfer Request (DRA to DRA playing role of current DRA)	
H2 (6) Unsuccessful cancellation of Demand Response Transfer Request (DRA to DRA)	
H2 (7) Demand Response Transfer Request with invalid transfer date (Upper boundary) (DRA to DRA)	
H2 (8) Demand Response Transfer Request with transfer date too soon (DRA to DRA)	
H3 (1) Normal Demand Response Transfer Request (LRF Transfer within DRA)	
H3 (2) Successful cancellation of Demand Response Transfer Request (LRF Transfer within DRA)	
H3 (3) Unsuccessful cancellation of Demand Response Transfer Request (LRF Transfer within DRA)	
H3 (4) Demand Response Transfer Request with invalid transfer date (Upper boundary) (LRF Transfer within DRA)	
H3 (5) Demand Response Transfer Request with invalid transfer date (Lower boundary) (LRF Transfer within DRA)	
H4 (1) Normal Demand Response Transfer Request (DDRA to DRA)	
H4 (2) Demand Response Transfer Request with invalid transfer date (Upper boundary) (DDRA to DRA)	

<b>Test Name</b>	<b>Pass / Fail / SC</b>
H4 (3) Demand Response Transfer Request with invalid transfer date (Lower boundary) (DDRA to DRA)	
H4 (4) Successful cancellation of Demand Response Transfer Request (DDRA to DRA)	
H4 (5) Unsuccessful cancellation of Demand Response Transfer Request (DDRA to DRA)	
H5 (1) Normal Demand Response Transfer Request (DRA to DDRA playing role of current DRA)	
H5 (2) Demand Response Transfer Request with valid objection and no termination from current DRA (DRA to DDRA playing role of current DRA)	
H5 (3) Demand Response Transfer Request with valid objection and termination from current DRA (DRA to DDRA playing role of current DRA)	
H6 (1) Normal Demand Response De-Registration Request	
H6 (2) Demand Response De-Registration Request with invalid Action date (Upper boundary)	
H6 (3) Demand Response De-Registration Request with invalid action date (Lower boundary)	
H6 (4) Successful cancellation of Demand Response De-Registration Request	
H6 (5) Un-Successful cancellation of Demand Response De-Registration Request	
H6 (6) Demand Response De-Registration where there is a Change in action date initiated by MSSL	
H6 (7) Demand Response De-Registration where action date has passed and New Action Date is required from MPR	
H7 (1) Demand Response De-Registration Request initiated by the MSSL or by a consumer	

Test Name	Pass / Fail / SC
H7 (2) Demand Response De-Registration initiated by the MSSL or by a consumer where the request is cancelled	
I1 Normal Usage Feed from MSSL	
M1 Normal Invoice Feed from MSSL	

Company: \_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## 9 Appendix A – Testing Schedule

Transaction Name	Test Days		
	Day 1 (system date to be advised)	Day 3 (system date to be advised) Bills calculated by MSSL	Day 5 (system date to be advised)
A1 (1) Normal Consumer Transfer Request (MSSL to MPR)	Send request Acknowledgement received		Change complete received Send acknowledgement
A1 (2) Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> ) (MSSL to MPR)	Send request Acknowledgement received		
A1 (3) Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> ) (MSSL to MPR)	Send request Acknowledgement received		
A1 (4) Successful cancellation of Consumer Transfer Request (MSSL to MPR)	Send request Acknowledgement received  Termination sent Acknowledgement received		
A1 (5) Unsuccessful cancellation of Consumer Transfer Request (MSSL to MPR)	Send request Acknowledgement received  Termination sent Acknowledgement received		Change complete received Send acknowledgement
A1 (6) Normal Consumer Transfer Request (MSSL to MPR) with Self read Flag	Send request Acknowledgement received		Change complete received Send acknowledgement
A2 (1) Normal Consumer Transfer Request (MPR to MPR)	Send request Acknowledgement received		Change complete received Send acknowledgement

A2 (2) Successful cancellation of Consumer Transfer Request (MPR to MPR)	Send request Acknowledgement received  Termination sent Acknowledgement received		
A2 (3) Unsuccessful cancellation of Consumer Transfer Request (MPR to MPR)	Send request Acknowledgement received  Termination sent Acknowledgement received		Change complete received Send acknowledgement
A2 (4) Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> ) (MPR to MPR)	Send request Acknowledgement received		
A2 (6) Normal Consumer Transfer Request (MPR to MPR) with Self read flag	Send request Acknowledgement received		Change complete received Send acknowledgement
A(3) 1 Normal Consumer Transfer Request (MPR to MSSSL) (Consumer Initiated)	Change pending received Send acknowledgement		Final bill received as part of invoice batch
A3 (2) Cancellation of Consumer Transfer Request by MSSSL (MPR to MSSSL) (Consumer Initiated)	Change pending received Send acknowledgement  Termination notification received  Send acknowledgement		

A4 (1) Normal Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)	Send request Acknowledgement received		Final bill received as part of invoice batch
A4 (2) Successful cancellation of Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)	Send request Acknowledgement received  Termination sent Acknowledgement received		
A4 (3) Unsuccessful cancellation of Consumer Transfer Request (MPR to MSSL) (Retailer Initiated)	Send request Acknowledgement received  Termination sent Acknowledgement received		Final bill received as part of invoice batch
A4 (4) Consumer Transfer Request with invalid transfer date ( <i>Upper boundary</i> ) (MPR to MSSL) (Retailer Initiated)	Send request Acknowledgement received		
A4 (5) Consumer Transfer Request with invalid transfer date ( <i>Lower boundary</i> ) (MPR to MSSL) (Retailer Initiated)	Send request Acknowledgement received		
A4 (6) Normal Consumer Transfer Request (MPR to MSSL) (Retailer Initiated) with Self Read flag	Send request Acknowledgement received		Final bill received as part of invoice batch
A5 (1) Normal Consumer Transfer Request (MPR to MSSL) (MSSL Initiated)			Final bill received as part of invoice batch
A6 (1) Normal DMP-MPR Consumer Transfer Request (Retailer Initiated)	Send request Acknowledgement received		Change complete received Send acknowledgement
A6 (2) DMP-MPR Consumer Transfer Request with invalid transfer date (Upper boundary)	Send request Acknowledgement received		
A6 (3) DMP-MPR Consumer Transfer Request with invalid transfer date (Lower boundary)	Send request Acknowledgement received		
A6 (4) DMP-MPR Successful cancellation of Consumer Transfer Request	Send request Acknowledgement received  Termination sent Acknowledgement received		

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A6 (5) DMP-MPR Unsuccessful cancellation of Consumer Transfer Request	Send request Acknowledgement received  Termination sent Acknowledgement received		Change complete received Send acknowledgement
A7 (1) Consumer Transfer Request MPR-DMP (playing role of current MPR)	Change pending received Send acknowledgement		Final bill received as part of invoice batch
A8 (1) Consumer Transfer Request (MPR to Non-Market Retailer initiated)	Send Request Acknowledgment Received		Final bill received as part of invoice batch
A8 (2) Successful cancellation of Consumer Transfer Request (MPR – Non Market)	Send Request Acknowledgement Received  Termination sent Acknowledgement received		
A8 (3) Unsuccessful cancellation of Consumer Transfer Request (MPR – Non Market)	Send Request Acknowledgement Received  Termination sent Acknowledgement received		Final bill received as part of invoice batch
A8(4) Consumer Transfer Request with invalid transfer date (Upper boundary) (MPR to Non Market) (Retailer Initiated)	Send request Acknowledgement received		
A8 (5) Consumer Transfer Request with invalid transfer date (Lower boundary) (MPR to Non Market) (Retailer Initiated)	Send request Acknowledgement received		
A8 (6) Consumer Transfer Request (MPR to Non-Market Retailer initiated) with Self Read flag	Send Request Acknowledgment Received		Final bill received as part of invoice batch
A9 (1) Mass Consumer Transfer Request MSSL-MPR (Retailer Initiated)	Send request Acknowledgement received		

A9 (2) Mass Consumer Transfer Request MSSL-MPR (Retailer Initiated) with Self read flag	Send request Acknowledgement received		
A9 (3) Mass Consumer Transfer Request MPR-MPR (Retailer Initiated)	Send request Acknowledgement received		Change complete received Send acknowledgement
A9 (4) Mass Consumer Transfer Request MPR-MPR (Retailer Initiated) with Self Read flag	Send request Acknowledgement received		Change complete received Send acknowledgement
A9 (5) Mass Consumer Transfer Request MPR to MSSL (Retailer Initiated)	Send request Acknowledgement received		Final bill received as part of invoice batch
A9 (6) Mass Consumer Transfer Request MPR to MSSL (Retailer Initiated) with Self Read flag	Send request Acknowledgement received		Final bill received as part of invoice batch
B1 Normal Account Closure (Retailer Initiated)	Send account closure request Acknowledgement received		Final bill received as part of invoice batch



B1 Account Closure (Retailer Initiated), cancellation successful	Send account closure request Acknowledgement received  Termination sent Acknowledgement received		
B1 Account Closure (Retailer Initiated), cancellation unsuccessful	Send account closure request Acknowledgement received	Termination sent Acknowledgement received	Final bill received as part of invoice batch
B1 Account Closure (Retailer Initiated), change of account closure date	Send account closure request Acknowledgement received  Change pending received Send acknowledgement		Final bill received as part of invoice batch
B1 Account Closure (Retailer Initiated), action date passed	Send account closure request Acknowledgement received  New Action Date Required received Send acknowledgement  Send New Action Date Notice Acknowledgement received		Final bill received as part of invoice batch
B2 Normal Account Closure (MSSL/Consumer Initiated)	Change pending received Send acknowledgement		Final bill received as part of invoice batch
B2 Account Closure (MSSL/Consumer Initiated), cancellation successful	Change pending received Send acknowledgement  Termination notification received Send acknowledgement		
C1 Normal Voluntary Temporary Disconnection (Retailer Initiated)	Send request Acknowledgement received		

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C1 Voluntary Temporary Disconnection (Retailer Initiated, cancellation successful)	Send request Acknowledgement received  Termination notification sent Acknowledgement received		
C1 Voluntary Temporary Disconnection (Retailer Initiated, cancellation unsuccessful)	Send request Acknowledgement received	Termination sent Acknowledgement received	
C2 Normal Voluntary Temporary Disconnection (MSSL/Consumer Initiated)	Change pending received Send acknowledgement		
C2 Voluntary Temporary Disconnection (MSSL/Consumer Initiated), cancellation successful	Change pending received Send acknowledgement  Termination notification received Send acknowledgement		
C3 Normal Involuntary Temporary Disconnection (MSSL Initiated)	Change pending received Send acknowledgement		
D1 Normal Billing Option Change (retailer consolidated to split)	Send request Acknowledgement received		Final bill received as part of invoice batch
D1 Billing Option Change (retailer consolidated to split), cancellation successful	Send request Acknowledgement received  Termination sent Acknowledgement received		
D1 Billing Option Change (retailer consolidated to split), cancellation unsuccessful	Send request Acknowledgement received  Termination sent Acknowledgement received		Final bill received as part of invoice batch
D1 Billing Option Change (retailer consolidated to split), Residential Consumer	Send request Acknowledgement received		
D2 Normal Billing Option Change (split to retailer consolidated)	Send request Acknowledgement received		Final bill received as part of invoice batch

D2 Billing Option Change (split to retailer consolidated), cancellation successful	Send request Acknowledgement received  Termination sent Acknowledgement received		
D2 Billing Option Change (split to retailer consolidated), cancellation unsuccessful	Send request Acknowledgement received  Termination sent Acknowledgement received		Final bill received as part of invoice batch
D2 Normal Billing Option Change (split to retailer consolidated), Residential Consumer	Send request Acknowledgement received		
E1 (1) Normal Consumer History Request		Send request Acknowledgement received  History received Send acknowledgement  Note: under normal operation the MSSL has 5 business days to deliver the history data.	
E1 (2) Normal Consumer History Request for Residential consumer		Send request Acknowledgement received	
F1 Normal Usage Feed from MSSL	Usage file received Acknowledgement sent		Usage file received Acknowledgement sent
F2 Normal Adjusted Usage Feed from MSSL	Usage file received Acknowledgement sent		Usage file received Acknowledgement sent
F3 SRLP Usage Feed From MSSL	Usage file received Acknowledgement sent		Usage file received Acknowledgement sent
F4 SRLP Adjusted Usage Feed From MSSL	Usage file received Acknowledgement sent		Usage file received Acknowledgement sent

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G Normal Invoice Feed from MSSL			Invoice batch file received Acknowledgement sent
J1(1) Normal Consumer Transfer Request Non Market to MPR with SRLP Meter Option	Send request Acknowledgement received		
J1(2) Normal Consumer Transfer Request Non Market to MPR with AMI Meter Option	Send request Acknowledgement received		
J1 (3) Consumer Transfer Request Non Market to MPR with invalid transfer date (Upper boundary)	Send request Acknowledgement received		
J1 (4) Consumer Transfer Request Non Market to MPR with invalid transfer date (Lower boundary)	Send request Acknowledgement received		
J1 (5) Successful cancellation of Consumer Transfer Request Non Market to MPR	Send Request Acknowledgement Received  Termination sent Acknowledgement received		
J1 (6) Successful cancellation by MSSL for Consumer Transfer Request Non Market to MPR with AMI (Retailer Initiated)	Send Request Acknowledgement Received  Transaction Termination notification received Transaction Termination Acknowledgement sent		
J1 (7) Consumer Transfer Request Non Market to MPR (Retailer Initiated) with Self read flag	Send request Acknowledgement received		
J1 (8) Non Market to MPR with AMI meter option and having early remediation scenario (Retailer Initiated)	Send request Acknowledgement received		
K1 (1) Special Read request for consumer having SRLP meter option (Retailer Initiated)	Sent Request Acknowledgement Received  Response received		

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	Acknowledgement received		
K1 (2) Special Read request for consumer having AMI meter option (Retailer Initiated)	Sent Request Acknowledgement Received		
K1 (3) Special read request for C & I consumer (Retailer Initiated)	Sent Request Acknowledgement Received		
L1 (1) Meter Option Change Request for SRLP to AMI (Retailer Initiated)	Sent Request Acknowledgement Received  Response received Acknowledgement received		
L1 (2) Meter Option Change Request for AMI to SRLP (Retailer Initiated)	Sent Request Acknowledgement Received  Response received Acknowledgement received		
L1 (3) Successful cancellation of Meter option Change Request	Send Request Acknowledgement Received  Termination sent Acknowledgement received		
L1 (4) Meter Option Change request for C & I consumer Retailer Initiated)	Send Request Acknowledgement Received		

## 10 Appendix B – Testing Schedule (Demand Response Scheme)

Transaction Name	Test Days		
	Day 1 (system date to be advised)	Day 3 (system date to be advised) Bills calculated by MSSL	Day 5 (system date to be advised)
H1 (1) Normal Demand Response Registration Request	Send request Acknowledgement received		Change complete received Send acknowledgement
H1 (2) Demand Response Registration Request with invalid transfer date (Upper boundary)	Send request Acknowledgement received		
H1 (3) Demand Response Registration Request with invalid transfer date (Lower boundary)	Send request Acknowledgement received		
H1 (4) Successful cancellation of Demand Response Registration Request	Send request Acknowledgement received  Termination sent Acknowledgement received		
H2 (1) Normal Demand Response Transfer Request (DRA to DRA)	Send request Acknowledgement received		Change complete received Send acknowledgement
H2 (2) Demand Response Transfer Request with valid objection and no termination from current DRA (DRA to DRA playing role of current DRA)	Change pending received Send acknowledgement  Objection sent Acknowledgement received		Final bill received as part of invoice batch
H2 (3) Demand Response Transfer Request with valid objection and termination from current DRA (DRA to DRA playing role of current DRA)	Change pending received Send acknowledgement  Objection sent Acknowledgement received  Termination sent Acknowledgement received		

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Transaction Name	Test Days		
	Day 1 (system date to be advised)	Day 3 (system date to be advised) Bills calculated by MSSL	Day 5 (system date to be advised)
H2 (4) Successful cancellation of Demand Response Transfer Request (DRA to DRA)	Send request Acknowledgement received  Termination sent Acknowledgement received		
H2 (5) Successful cancellation of Demand Response Transfer Request (DRA to DRA playing role of current DRA)	Change pending received Send acknowledgement  Transaction Termination notification received Send Termination Transaction Acknowledgement		
H2 (6) Unsuccessful cancellation of Demand Response Transfer Request (DRA to DRA)	Send request Acknowledgement received  Termination sent Acknowledgement received		Change complete received Send acknowledgement
H2 (7) Demand Response Transfer Request with invalid transfer date (Upper boundary) (DRA to DRA)	Send request Acknowledgement received		
H2 (8) Demand Response Transfer Request with transfer date too soon (DRA to DRA)	Send request Acknowledgement received	New action date request received Send acknowledgement  New action date notice sent Acknowledgement received	Change complete received Send acknowledgement
H3 (1) Normal Demand Response Transfer Request (LRF Transfer within DRA)	Send request Acknowledgement received		
H3 (2) Successful cancellation of Demand Response Transfer Request (LRF Transfer within DRA)	Send request Acknowledgement received  Termination sent Acknowledgement received		

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Transaction Name	Test Days		
	Day 1 (system date to be advised)	Day 3 (system date to be advised) Bills calculated by MSSL	Day 5 (system date to be advised)
H3 (3) Unsuccessful cancellation of Demand Response Transfer Request (LRF Transfer within DRA)	Send request Acknowledgement received  Termination sent Acknowledgement received		Change complete received Send acknowledgement
H3 (4) Demand Response Transfer Request with invalid transfer date (Upper boundary) (LRF Transfer within DRA)	Send request Acknowledgement received		
H3 (5) Demand Response Transfer Request with invalid transfer date (Lower boundary) (LRF Transfer within DRA)	Send request Acknowledgement received		
H4 (1) Normal Demand Response Transfer Request (DDRA to DRA)	Send request Acknowledgement received		
H4 (2) Demand Response Transfer Request with invalid transfer date (Upper boundary) (DDRA to DRA)	Send request Acknowledgement received		
H4 (3) Demand Response Transfer Request with invalid transfer date (Lower boundary) (DDRA to DRA)	Send request Acknowledgement received		
H4 (4) Successful cancellation of Demand Response Transfer Request (DDRA to DRA)	Send request Acknowledgement received  Termination sent Acknowledgement received		
H4 (5) Unsuccessful cancellation of Demand Response Transfer Request (DDRA to DRA)	Send request Acknowledgement received  Termination sent Acknowledgement received		Change complete received Send acknowledgement
H5 (1) Normal Demand Response Transfer Request (DRA to DDRA playing role of current DRA)	Change pending received Send acknowledgement		Final bill received as part of invoice batch

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Transaction Name	Test Days		
	Day 1 (system date to be advised)	Day 3 (system date to be advised) Bills calculated by MSSL	Day 5 (system date to be advised)
H5 (2) Demand Response Transfer Request with valid objection and no termination from current DRA (DRA to DDRA playing role of current DRA)	Change pending received Send acknowledgement  Objection sent Acknowledgement received		Final bill received as part of invoice batch
H5 (3) Demand Response Transfer Request with valid objection and termination from current DRA (DRA to DDRA playing role of current DRA)	Change pending received Send acknowledgement  Objection sent Acknowledgement received  Termination sent Acknowledgement received		
H6 (1) Normal Demand Response De-Registration Request	Send request Acknowledgement received		Change complete received Send acknowledgement
H6 (2) Demand Response De-Registration Request with invalid Action date (Upper boundary)	Send request Acknowledgement received		
H6 (3) Demand Response De-Registration Request with invalid action date (Lower boundary)	Send request Acknowledgement received		
H6 (4) Successful cancellation of Demand Response De-Registration Request	Send Request Acknowledgement Received  Termination sent Acknowledgement received		
H6 (5) Un-successful cancellation of Demand Response De-Registration Request	Send Request Acknowledgement Received  Termination sent Acknowledgement received		

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Transaction Name	Test Days		
	Day 1 (system date to be advised)	Day 3 (system date to be advised) Bills calculated by MSSL	Day 5 (system date to be advised)
H6 (6) Demand Response De-Registration where there is a Change in action date initiated by MSSL	Send request Acknowledgement received	Change Pending notification received Acknowledgement sent	Change complete received Send acknowledgement
H6 (7) Demand Response De-Registration where action date has passed and New Action Date is required from MPR	Send request Acknowledgement received	New action date request received Send acknowledgement New action date notice sent Acknowledgement received	Change complete received Send acknowledgement
H7 (1) Demand Response De-Registration Request initiated by the MSSL or by a consumer	Change Pending notification received Acknowledgement sent		Change complete received Send acknowledgement
H7 (2) Demand Response De-Registration initiated by the MSSL or by a consumer where the request is cancelled	Change Pending notification received Acknowledgement sent	Termination Notice Sent Acknowledgement Received	
I1 Normal Usage Feed from MSSL	Usage file received Acknowledgement sent		Usage file received Acknowledgement sent
M1 Normal Invoice Feed from MSSL			Invoice batch file received Acknowledgement sent