Australian Government
Australian Taxation Office

SuperStream
Contributions V3 Conformance Testing and Implementation Guide – Supporting Documents

This document contains all supporting documents related to the Conformance Testing and Implementation Guide.

Payday Super
8 December 2025

Version control

This document is maintained by SuperStream Data and Payments Improvement Project team as part of the ATO Payday super program

Version	Date	Author	Description of change
V1	25 November 2025	Shane Moore	Initial Draft for feedback
FINAL	8 December 2025	Shane Moore	Final version for publishing

We acknowledge the Traditional Owners and Custodians of Country throughout Australia and their continuing connection to land, waters and community.
We pay our respects to them, their cultures, and Elders past and present.

Table of Contents

1   Introduction

1.1   Purpose

The document provides reference materials supporting testing and transition requirements for Contributions v3.0. This document supports the Contributions v3.0 Conformance Testing and Implementation Guide.

1.2   Document Content

The document provides checklists and sample test cases for execution by testing parties as part of a self-certification process. Refer to Sections 2, 3, and 4 - this document contains test cases to assist in validating the following:

- AS4 ebMS message conformance and testing supporting SuperStream business to business exchange of data
- The application code complies with the business rules defined in the corresponding Message Implementation Guide (MIG), and Error Code Management schedules, for the transaction.
- The application code generates an XBRL message instance that complies with the XBRL Definitional and Report Taxonomies and associated Schematron rules.
- The application code correctly processes a message received including exception handling.

2   Integration Test Cases

> **Who should use this section**
>
> Any testing participant who is planning on undertaking peer-to-peer testing will need to complete integration test cases.
>
> **When should this section be used**
>
> Integration testing is a pre-requisite to be completed before peer-to-peer testing occurs.

Better Error Code Management and MIG Changes - Integration Test Cases – MVR, MRR, CTR and Regression Testing

Integration testing checklist

Each message type needs to be tested. The MVR or MVOR message cannot be tested until the MIG Changes are tested.

1. Employer, Funds, Government or service provider/s testing sending message (MVR, MRR, CTR, etc.)
    1.1. FVS call
    1.2. XBRL message construction
    1.3. ebMS message transmission

2. Fund, Government or Service Provider/s testing receiving messages (MVR, MRR, CTR, etc.)
    2.1. ebMS message receipt
    2.2. XBRL message deconstruction
    2.3. Process request transaction and generate response

3. Fund, Government or Service Provider/s testing sending responses (MVOR, MROR, CTER, etc.)
    3.1. Outcome or error message generated
    3.2. XML message construction
    3.3. ebMS message transmission

4. Employer, Funds, Government or Service Provider/s testing receiving responses (MVOR, MROR, CTER, etc.)
    4.1. ebMS message receipt
    4.2. XML response message deconstruction
    4.3. Outcome or error message processed

Message structure and content tests

5. Presence of fields
    5.1. Mandatory fields present
    5.2. Conditional and dependent fields present if required

6. Values
    6.1. Values according to taxonomy
    6.2. Cross field validations

      6.3. Other business rules – fund

7.   XBRL

      7.1. Message correctly formed
      7.2. Message internally consistent – context and data

8.   XML

      8.1. Message correctly formed
      8.2. Message internally consistent – context and data

9.   ebMS

      9.1. Header and wrapper correct
      9.2. Transmission and receipt successful
      9.3. Response messages correctly packaged
      9.4. Response message transmission and receipt successful

Test Data

Sample message instances will be available separately to this document.

3 Peer-to-Peer Test Cases Summary – Better Error Code Management

Who should use this section

- Any testing participant who is planning on undertaking peer-to-peer testing will need to consider which mandatory and conditional scenarios below are relevant to their solution offering.
- Testing participants will need to engage with the other participants in their cohort to agree to the test cases to be executed, as well as any additional scenarios their cohort agree to test.

When should this section be used

- When planning for peer-to-peer testing with their cohort.

The tests cases below only relate to Better Error Code Management.

In each case the following basic capabilities are tested along with the business process outcome:
1. Message sender:
    a. XBRL message construction
    b. ebMS message transmission
2. Message receiver:
    a. ebMS message receipt
    b. XBRL message deconstruction
3. Response message sender:
    a. XML message construction
    b. ebMS message transmission
4. Response message receiver:
    a. ebMS message receipt
    b. XML message deconstruction

Peer-to-peer test scenario catalogue

The following test case scenarios are the minimum test scenarios required for peer-to-peer testing. It is the responsibility of the trustee to ensure these tests are completed successfully for each solution, regardless of whether the fund or their service provider conducts the test.

Peer-to-Peer Test Case Scenarios – B2B

Each test case should be performed by Employers and Funds taking on both a sending and a receiving role. i.e. Employer A sending to Fund B, and then repeated with Fund B sending a response to Employer A.

Better Error Code Management-related regression test cases should be performed by Funds taking on both a sending and a receiving role. i.e. Fund A sending to Fund B, and then repeated with Fund B sending a response to Fund A.

Each test requires checking of both sending and receiving solution correctness – refer to the test cases for further detail.

Note 1: The response pattern used by the responding party may be any Partial or Progressive. The receiving party for a response must be able to process all response pattern types.

Note 2: Payment reconciliation cannot be tested in a testing environment as no actual payments are created.

3.1 Better Error Code Management – Member Registration Outcome Response

Employer to APRA Fund scenarios Employer to Fund (B2B) sending MRR

1. Fund to Employer (B2B) – Fund receiving MRR and MROR generated

	MRR	
Test number	**Description**	**Required**
MRR1.1	Valid single member MRR message	Mandatory
MRR1.2	Valid multiple member MRR message	Mandatory

	MROR	
Test number	**Description**	**Required**
MROR2.1	Unsuccessful – new membership unable to be created – business error	Mandatory
MROR2.2	Success - new membership created with account details returned	Conditional

Peer-to-peer test cases

Send and receive MRR and MROR

MRR1.1 Valid single member MRR message			
MROR2.1 Unsuccessful – new membership unable to be created – business error			
Employer A		**Fund B**	
MRR1.1.EMP_A.01	Employer A Send MRR		
		MRR1.1.FND_B.01	Fund B Receive MRR
		MROR2.1.FND_B.02	Fund B Send MROR
MROR2.1.EMP_A.02	Employer A Receive MROR		

MRR1.2 Valid multiple member MRR message			
MROR2.2 Success – new membership created with account details returned			
Employer A		**Fund B**	
MRR1.2.EMP_A.01	Employer A Send MRR		
		MRR1.2.FND_B.01	Fund B Receive MRR
		MROR2.2.FND_B.02	Fund B Send MROR
MROR2.2.EMP_A.02	Employer A Receive MROR		

3.2 Better Error Code Management – Contribution Transaction Error Response

Employer to APRA Fund scenarios Fund to Employer (B2B) sending CTER

1. Fund to Employer (B2B) – Fund receiving CTR and CTER generated

Employer to SMSF scenarios SMSF to Employer (B2B) sending CTER

1. SMSF to Employer (B2B) – SMSF receiving CTR and CTER generated

	CTR	
Test number	**Description**	**Required**
CTR1.1	Valid single member CTR message (APRA fund)	Conditional
CTR1.2	Valid single member CTR message (SMSF)	Conditional

	CTER	
Test number	**Description**	**Required**
CTER2.1	CTER Business error (APRA fund)	Conditional
CTER2.2	CTER Business error (SMSF)	Conditional
CTER2.3	CTER message with Context ID included (APRA fund) **Note: optional to send, mandatory to receive**	Conditional
CTER2.4	CTER message with Context ID included (SMSF) **Note: optional to send, mandatory to receive**	Conditional
CTER2.5	CTER message with original PRN and refund PRN included	Mandatory

Peer-to-peer test cases

Send and receive CTR and CTER

CTR1.1 Valid single member CTR message (APRA fund) **CTER2.1** CTER Business error (APRA fund)			
Employer A		**Fund B**	
CTR1.1.EMP_A.01	Employer A Send CTR		
		CTR1.1.FND_B.01	Fund B Receive CTR
		CTER2.1.FND_B.02	Fund B Send CTER
CTER2.1.EMP_A.02	Employer A Receive CTER		

CTR1.2 Valid single member CTR message (SMSF) **CTER2.2** CTER Business error (SMSF)			
Employer A		**SMSF C**	
CTR1.2.EMP_A.01	Employer A Send CTR		
		CTR1.2.SMSF_C.01	SMSF C Receive CTR
		CTER2.2.SMSF_C.02	SMSF C Send CTER
CTER2.2.EMP_A.02	CTER2.2.EMP_A.02		

CTR1.1 Valid single member CTR message (APRA fund) **CTER2.3** CTER message with Context ID included (APRA fund) **Note: optional to send, mandatory to receive**			
Employer A		**Fund B**	
CTR1.1.EMP_A.01	Employer A Send CTR		
		CTR1.1.FND_B.01	Fund B Receive CTR
		CTER2.3.FND_B.02	Fund B Send CTER
CTER2.3.EMP_A.02	Employer A Receive CTER		

CTR1.2 Valid single member CTR message (SMSF)			
CTER2.4 CTER message with Context ID included (SMSF)			
Note: optional to send, mandatory to receive			
Employer A		**SMSF C**	
CTR1.2.EMP_A.01	Employer A Send CTR		
		CTR1.2.SMSF_C.01	SMSF C Receive CTR
		CTER2.4.SMSF_C.02	SMSF C Send CTER
CTER2.4.EMP_A.02	Employer A Receive CTER		

CTR1.1 Valid single member CTR message (APRA fund)			
CTER2.5 CTER Business error, with original PRN and refund PRN (APRA fund)			
Employer A		**Fund B**	
CTR1.1.EMP_A.01	Employer A Send CTR		
		CTR1.1.FND_B.01	Fund B Receive CTR
		CTER2.5.FND_B.02	Fund B Send CTER
CTER2.5.EMP_A.02	Employer A Receive CTER		

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3.3   Better Error Code Management – Regression (B2B)

Fund to Fund scenarios Fund to Fund (B2B) sending IRR

1.   Fund to Fund (B2B) receiving IRR
     a.   IRR processed and either RTR, RTOR or IRER generated

	IRR	
Test number	**Description**	**Required**
IRR7.1	Valid single member IRR message	Optional
IRR7.2	Valid multiple member IRR message Note: it is optional to send a multiple member IRR but all funds must test that they can receive a multiple member IRR.	Optional

	IRER	
Test number	**Description**	**Required**
IRER8.1	Valid error response sent	Optional

	RTR	
Test number	**Description**	**Required**
RTR9.1	Valid multiple member RTR message processed successfully	Optional

	RTOR	
Test number	**Description**	**Required**
RTOR10.1	Rollover response processed successfully	Optional

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Peer-to-peer test cases - B2B

Regression test cases

IRR7.1 Valid single member IRR message IRER8.1 Valid error response sent			
Fund A		**Fund B**	
IRR7.1.FUND_A.01	Fund A send IRR		
		IRR7.1.FUND_B.01	Fund B receive IRR
		IRER8.1.FUND_B.02	Fund B send IRER
IRER8.1.FUND_A.02	Fund A receive IRER		

IRR7.2 Valid single member IRR message RTR9.1 Valid single member RTR message processed successfully RTOR10.1 Rollover response processed successfully			
Fund A		**Fund B**	
IRR7.2.FUND_A.01	Fund A send IRR		
		IRR7.2.FUND_B.01	Fund B receive IRR
		RTR9.1.FUND_B.02	Fund B send RTR
RTR9.1.FUND_A.02	Fund A receive RTR		
RTOR10.1.FUND_A.03	Fund A send RTOR		
		RTOR10.1.FUND_B.03	Fund B receive RTOR

4   Peer-to-Peer Test Cases Summary – MIG Changes

Who should use this section

- Any testing participant who is planning on undertaking peer-to-peer testing will need to consider which mandatory and conditional scenarios below are relevant to their solution offering.
- Testing participants will need to engage with the other participants in their cohort to agree to the test cases to be executed, as well as any additional scenarios their cohort agree to test.

When should this section be used

- When planning for peer-to-peer testing with their cohort.

The tests cases below only relate to MIG Changes.

In each case the following basic capabilities are tested along with the business process outcome:
1. Message sender:
    a. XBRL message construction
    b. ebMS message transmission
2. Message receiver:
    a. ebMS message receipt
    b. XBRL message deconstruction
3. Response message sender:
    a. XML message construction
    b. ebMS message transmission
4. Response message receiver:
    a. ebMS message receipt
    b. XML message deconstruction

Peer-to-peer test scenario catalogue

The following test case scenarios are the minimum test scenarios required for peer-to-peer testing. It is the responsibility of the trustee to ensure these tests are completed successfully for each solution, regardless of whether the fund or their service provider conducts the test.

Peer-to-Peer Test Case Scenarios – B2B

Each test case should be performed by Employers and Funds taking on both a sending and a receiving role. i.e. Employer A sending to Fund B, and then repeated with Fund B sending a response to Employer A.

MIG Changes-related regression test cases should be performed by Government and Funds sending and receiving data. i.e. ATO sending to Fund B, and then Fund B sending a response to ATO.

Each test requires checking of both sending and receiving solution correctness – refer to the test cases for further detail.

Note 1: The response pattern used by the responding party may be any Partial or Progressive. The receiving party for a response must be able to process all response pattern types.

Note 2: Payment reconciliation cannot be tested in a testing environment as no actual payments are created.

4.1   MIG Changes – Member Verification Request

Employer to APRA Fund scenarios Employer to Fund (B2B) sending MVR

1   Employer to Fund (B2B) – Employer sending MVR
    1.1 MVR request sent and received successfully
2   Fund to Employer (B2B) – Fund sending MVOR
    2.1 MVOR response generated and received successfully

Employer to SMSF scenarios Employer to Fund (B2B) sending MVR

3   Employer to SMSF (B2B) – Employer sending MVR
    3.1 MVR request sent and received successfully
4   SMSF to Employer (B2B) – Fund sending MVOR
    4.1 MVOR response generated and received successfully

	MVR	
Test number	**Description**	**Required**
MVR1.1	Valid single member MVR message – APRA fund	Conditional
MVR1.2	Valid single member MVR message - SMSF	Conditional
MVR1.3	Valid MVR message with Record Count populated	Mandatory

	MVOR	
Test number	**Description**	**Required**
MVOR2.1	Success – member verified successfully (APRA fund)	Conditional
MVOR2.2	Success – member verified successfully (SMSF)	Conditional
MVOR2.3	Unsuccessful – member not successfully verified, and/or account unable to accept contributions.	Mandatory
MVOR2.4	MVOR message with Context ID included	Mandatory

Peer-to-peer test cases

Send and receive MVR and MVOR

MVR1.1 Valid single member MVR message – APRA fund			
MVOR2.1 Success – member verified successfully (APRA fund)			
Employer A		**Fund B**	
MVR1.1.EMP_A.01	Employer A Send MVR		
		MVR1.1.FND_B.01	Fund B Receive MVR
		MVOR2.1.FND_B.02	Fund B Send MVOR
MVOR2.1.EMP_A.02	Employer A Receive MVOR		

MVR1.2 Valid single member MVR message – SMSF			
MVOR2.2 Success – member verified successfully (SMSF)			
Employer A		**SMSF C**	
MVR1.2.EMP_A.01	Employer A Send MVR		
		MVR1.2.SMSF_C.01	SMSF C Receive MVR
		MVOR2.2.SMSF_C.02	SMSF C Send MVOR
MVOR2.2.EMP_A.02	Employer A Receive MVOR		

MVR1.3 Valid MVR message with Record Count populated			
MVOR2.3 Unsuccessful – member not successfully verified, and/or account unable to accept contributions			
Employer A		**Fund B**	
MVR1.3.EMP_A.01	Employer A Send MVR		
		MVR1.3.FND_B.01	Fund B Receive MVR
		MVOR2.3.FND_B.02	Fund B Send MVOR
MVOR2.3.EMP_A.02	Employer A Receive MVOR		

MVR1.3 Valid MVR message with Record Count populated MVOR2.4 MVOR message with Context ID included			
Employer A		**Fund B**	
MVR1.3.EMP_A.01	Employer A Send MVR		
		MVR1.3.FND_B.01	Fund B Receive MVR
		MVOR2.4.FND_B.02	Fund B Send MVOR
MVOR2.4.EMP_A.02	Employer A Receive MVOR		

4.2   MIG Changes – Member Registration Request

Employer to APRA Fund scenarios Employer to Fund (B2B) sending MRR

1. Employer to Fund (B2B) – Employer sending MRR
    a. MROR response generated and received successfully

	MRR	
Test number	**Description**	**Required**
MRR1.1	Valid single member MRR message	Conditional
MRR1.2	Valid multiple member MRR message **Note: it is optional to send a multiple member MRR but all funds must test that they can receive a multiple member MRR**	Conditional
MRR1.3	Valid MRR message with Record Count populated	Mandatory

	MROR	
Test number	**Description**	**Required**
MROR2.1	Success – new membership created with account details returned	Conditional
MROR2.2	Success – member account updated **Note: optional to send, mandatory to receive**	Conditional
MROR2.3	Unsuccessful – new membership unable to be created	Mandatory
MROR2.4	MROR message with Context ID included	Mandatory

Peer-to-peer test cases

Send and receive MRR and MROR

MRR1.1 Valid single member MRR message			
MROR2.1 Success – new membership created with account details returned			
Employer A		**Fund B**	
MRR1.1.EMP_A.01	Employer A Send MRR		
		MRR1.1.FND_B.01	Fund B Receive MRR
		MROR2.1.FND_B.02	Fund B Send MROR
MROR2.1.EMP_A.02	Employer A Receive MROR		

MRR1.2 Valid multiple member MRR message	
Note: it is optional to send a multiple member MRR but all funds must test that they can receive a multiple member MRR	
MROR2.2 Success – member account updated	
Note: optional to send, mandatory to receive	

Employer A		**Fund B**	
MRR1.2.EMP_A.01	Employer A Send MRR		
		MRR1.2.FND_B.01	Fund B Receive MRR
		MROR2.2.FND_B.02	Fund B Send MROR
MROR2.2.EMP_A.02	Employer A Receive MROR		

MRR1.3 Valid MRR message with Record Count populated			
MROR2.3 Unsuccessful – new membership unable to be created			
Employer A		**Fund B**	
MRR1.3.EMP_A.01	Employer A Send MRR		
		MRR1.3.FND_B.01	Fund B Receive MRR
		MROR2.3.FND_B.02	Fund B Send MROR
MROR2.3.EMP_A.02	Employer A Receive MROR		

MRR1.3 Valid MRR message with Record Count populated			
MROR2.4 MROR message with Context ID included			
Employer A		**Fund B**	
MRR1.3.EMP_A.01	Employer A Send MRR		
		MRR1.3.FND_B.01	Fund B Receive MRR
		MROR2.4.FND_B.02	Fund B Send MROR
MROR2.4.EMP_A.02	Employer A Receive MROR		

4.3   MIG Changes – Contribution Transaction Request

Employer to APRA Fund scenarios Employer to Fund (B2B) sending CTR

1.   Employer to Fund (B2B) – Fund receiving CTR
   a.   CTR processed successfully or CTER generated

Employer to SMSF scenarios Employer to SMSF (B2B) sending CTR

1.   Employer to SMSF (B2B) – Fund receiving CTR
   a.   CTR processed successfully or CTER generated

	CTR	
Test number	**Description**	**Required**
CTR1.1	Valid single member CTR message (APRA fund)	Conditional
CTR1.2	Valid single member CTR message (SMSF)	Conditional
CTR1.3	Valid multiple member CTR message (APRA fund) **Note: it is optional to send a multiple member CTR but all funds must test that they can receive a multiple member CTR**	Conditional
CTR1.4	Valid multiple member CTR message (SMSF) **Note: it is optional to send a multiple member CTR but all funds must test that they can receive a multiple member CTR**	Conditional
CTR1.5	Valid CTR message with Other Details tuple populated with an agreed value between peers (APRA fund) **Note: optional to send, mandatory to receive**	Conditional
CTR1.6	Valid CTR message with Other Details tuple populated with an agreed value between peers (SMSF) **Note: optional to send, mandatory to receive**	Conditional
CTR1.7	Valid CTR message with Record Count populated (APRA fund)	Conditional
CTR1.8	Valid CTR message with Record Count populated (SMSF)	Conditional

	CTER	
Test number	**Description**	**Required**
CTER2.1	CTER Business error (APRA fund)	Conditional
CTER2.2	CTER Business error (SMSF)	Conditional
CTER2.3	CTER message with Context ID included (APRA fund) **Note: optional to send, mandatory to receive**	Conditional
CTER2.4	CTER message with Context ID included (SMSF) **Note: optional to send, mandatory to receive**	Conditional

Peer-to-peer test cases

Send and receive CTR and CTER

CTR1.1 Valid single member CTR message (APRA fund) CTER2.1 CTER Business error (APRA fund)			
Employer A		**Fund B**	
CTR1.1.EMP_A.01	Employer A Send CTR		
		CTR1.1.FND_B.01	Fund B Receive CTR
		CTER2.1.FND_B.02	Fund B Send CTER
CTER2.1.EMP_A.02	Employer A Receive CTER		

CTR1.2 Valid single member CTR message (SMSF) CTER2.2 CTER Business error (SMSF)			
Employer A		**SMSF C**	
CTR1.2.EMP_A.01	Employer A Send CTR		
		CTR1.2.SMSF_C.01	SMSF C Receive CTR
		CTER2.2.SMSF_C.02	SMSF C Send CTER
CTER2.2.EMP_A.02	CTER2.2.EMP_A.02		

CTR1.3 Valid multiple member CTR message (APRA fund)			
Note: it is optional to send a multiple member CTR but all funds must test that they can receive a multiple member CTR			
CTER2.3 CTER message with Context ID included (APRA fund)			
Note: optional to send, mandatory to receive			
Employer A		**Fund B**	
CTR1.3.EMP_A.01	Employer A Send CTR		
		CTR1.3.FND_B.01	Fund B Receive CTR
		CTER2.3.FND_B.02	Fund B Send CTER
CTER2.3.EMP_A.02	Employer A Receive CTER		

CTR1.4 Valid multiple member CTR message (SMSF)			
Note: it is optional to send a multiple member CTR but all funds must test that they can receive a multiple member CTR			
CTER2.4 CTER message with Context ID included (SMSF)			
Note: optional to send, mandatory to receive			
Employer A		**SMSF C**	
CTR1.4.EMP_A.01	Employer A Send CTR		
		CTR1.4.SMSF_C.01	SMSF C Receive CTR
		CTER2.4.SMSF_C.02	SMSF C Send CTER
CTER2.4.EMP_A.02	Employer A Receive CTER		

CTR1.5 Valid CTR message with Other Details tuple populated with an agreed value between peers (APRA fund)			
Note: optional to send, mandatory to receive			
Employer A		**Fund B**	
CTR1.5.EMP_A.01	Employer A Send CTR		
		CTR1.5.FND_B.01	Fund B Receive CTR

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CTR1.6 Valid CTR message with Other Details tuple populated with an agreed value between peers (SMSF) **Note: optional to send, mandatory to receive**			
Employer A		**SMSF C**	
CTR1.6.EMP_A.01	Employer A Send CTR		
		CTR1.6.SMSF_C.01	SMSF C Receive CTR

CTR1.7 Valid CTR message with Record Count populated (APRA fund)			
Employer A		**Fund B**	
CTR1.7.EMP_A.01	Employer A Send CTR		
		CTR1.7.FND_B.01	Fund B Receive CTR

CTR1.8 Valid CTR message with Record Count populated (SMSF)			
Employer A		**SMSF C**	
CTR1.8.EMP_A.01	Employer A Send CTR		
		CTR1.8.SMSF_C.01	SMSF C Receive CTR

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4.4   MIG Changes – Regression (G2B and B2B)

Government to Fund scenarios ATO to Fund (G2B) sending GCTR

1. ATO to Fund (G2B) – Fund receiving GCTR
   a. GCTR processed successfully or GCTER generated
2. ATO to Fund (G2B) – Fund receiving GCTAR
   a. GCTAR processed successfully or GCTAOR generated

Government to Fund scenarios ATO to Fund (G2B) sending USM

3. Fund to Government (B2G) – Fund sending USM
   a. Outcome response generated
4. Government to Fund (G2B) – ATO sending USM
   a. USM processed and outcome generated
5. Fund to Government (B2G) – Fund sending USMOR
   a. Outcome response generated

Government to Fund scenarios ATO to Fund (G2B) sending Release Authority

6. ATO to Fund (G2B) – Fund receiving Release Authority
   a. Release Authority successfully processed

Fund to Fund scenarios Fund to Fund (B2B) sending IRR

7. Fund to Fund (B2B) receiving IRR
   a. IRR processed and either RTR or IRER generated
8. Fund to Fund (B2B) sending RTR
   a. RTR processed successfully and RTOR generated

	GCTR / GCTAR	
Test number	**Description**	**Required**
GCTR1.1	Valid single member GCTR message	Optional
GCTAR1.2	Valid single member GCTAR message	Optional

	GCTER / GCTAOR	
Test number	**Description**	**Required**
GCTER2.1	Valid single member GCTER message	Optional
GCTAOR2.2	Valid single member GCTAOR success message	Optional

	USM – ATO to Fund	
Test number	**Description**	**Required**
USM3.1	Valid single member USM rollover	Optional

	USMOR – Fund to ATO	
Test number	**Description**	**Required**
USMOR4.1	USM rollover response processed successfully	Optional

	USM – Fund to ATO	
Test number	**Description**	**Required**
USM5.1	Valid single member USM rollover	Optional

	USMOR – ATO to Fund	
Test number	**Description**	**Required**
USMOR6.1	USM rollover response processed successfully	Optional

	RA – from ATO to Fund	
Test number	**Description**	**Required**
RA7.1	Valid release authority sent (such as Division 293 deferred debt (DivDef)	Optional

	RAS – from Fund to ATO	
Test number	**Description**	**Required**
RAS8.1	Release Authority Statement (RAS)	Optional

	RASOR – from ATO to Fund	
Test number	**Description**	**Required**
RASOR9.1	RAS successfully processed	Optional

Peer-to-peer Test Case Scenarios – B2B

	RTR	
Test number	**Description**	**Required**
RTR10.1	Valid single member RTR message	Optional

	RTOR	
Test number	**Description**	**Required**
RTOR11.1	Rollover response processed successfully	Optional

	IRR	
Test number	**Description**	**Required**
IRR12.1	Valid single member IRR message	Optional

	IRER	
Test number	**Description**	**Required**
IRER13.1	Valid error message sent	Optional

Peer-to-peer test cases - G2B

GCTR1.1 Valid single member GCTR message **GCTER2.1** Valid single member GCTER message			
ATO		**Fund B**	
GCTR1.1.ATO.01	ATO send GCTR		
		GCTR1.1.FND_B.01	Fund B receive GCTR
		GCTER2.1.FND_B.02	Fund B send GCTER
GCTER2.1.ATO.02	ATO receive GCTER		

GCTAR1.2 Valid single member GCTAR message **GCTAOR2.2** Valid single member GCTAOR success message		
ATO		**Fund B**
GCTAR1.2.ATO.01	ATO send GCTAR	
		GCTAR1.2.FND_B.01	Fund B receive GCTAR
		GCTAOR2.2.FND_B.02	Fund B send GCTAOR
GCTAOR2.2.ATO.02	ATO receive GCTAOR	

USM3.1 Valid single member USM rollover **USM4.1** USM rollover processed successfully		
ATO		**Fund B**
USM3.1.ATO.01	ATO send USM	
		USM3.1.FND_B.01	Fund B receive USM
		USMOR4.1.FND_B.02	Fund B send USMOR
USMOR4.1.ATO.02	ATO receive USMOR	

USM5.1 Valid single member USM rollover **USM6.1** USM rollover processed successfully		
Fund A		**ATO**
USM5.1.FND_A.01	Fund A send USM	
		USM5.1.ATO.01	ATO receive USM
		USMOR6.1.ATO.02	ATO send USMOR
USMOR6.1.FND_A.02	Fund A receive USMOR	

RA7.1 Valid release authority sent (such as Division 293 deferred debt (DivDef)			
RAS8.1 Release Authority Statement (RAS) partial release			
RASOR9.1 RAS successfully processed			
ATO		**Fund B**	
RA7.1.ATO.01	ATO send RA		
		RA7.1.FUND_B.01	Fund B receive RA
		RTR8.1.FUND_B.02	Fund B send RAS
RTR8.1.ATO.A.02	ATO receive RAS		
RASOR9.1. ATO.03	ATO send RASOR		
		RASOR9.1.FUND_B.03	Fund B receive RASOR

Peer-to-peer test cases - B2B

RTR10.1 Valid single member RTR message			
RTOR11.1 Rollover response processed successfully			
Fund A		**Fund B**	
RTR10.1.FND_A.01	Fund A send RTR		
		RTR10.1.FUND_B.01	Fund B receive RTR
		RTOR11.1.FUND_B.02	Fund B send RTOR
RTR11.1.FUND_A.02	Fund A receive RTOR		

IRR12.1 Valid single member IRR message			
IRER13.1 Valid error message sent			
Fund A		**Fund B**	
IRR12.1.FUND_A.01	Fund A send IRR		
		IRR12.1.FUND_B.01	Fund B receive IRR
		IRER13.1.FUND_B.02	Fund B send IRER
IRER13.1.FUND_A.02	Fund A receive IRER		

5   Peer-to-Peer Testing Outcome Matrix

Who should use this section
Who should use this section
• Testing participants will use the Peer-to-Peer Testing Outcome Matrix to record the outcomes of testing. • Testing participants can modify the Peer-to-Peer Testing Outcome Matrix to suit the test cases they plan on undertaking, in consultation with their cohort.
When should this section be used
• The Peer-to-Peer Testing Outcome Matrix needs to be submitted to the SuperStreamStandards@ato.gov.au mailbox at least one week prior to the planned peer-to-peer testing start date.

Better Error Code Management

Test Cohort participants		
Peer-to-peer test start date	**Legend:**	
Peer-to-peer test end date	**Test Required**	Mandatory (M), Optional (O), Conditional (C)
Submitter's name	**Test Outcome**	Pass (P), Fail (F), Incomplete (I), NA (NA)

Test	Description	Test Required	Test Outcome	Comments (if fail/incomplete)
Better Error Code Management – MROR				
1.	Valid single member MRR message. MROR Business error – new membership unable to be created.	M		
2.	Valid multiple member MRR message. Success – new membership created with account details returned.	C		
Better Error Code Management – CTER				
3	Valid single member CTR message to an APRA fund. CTER Business error, with Context ID included	C		
4.	Valid single member CTR message to an SMSF. CTER Business error, with Context ID included	C		
5.	Valid single member CTR message to an APRA fund. CTER Business error, with original PRN and refund PRN included	C		
Better Error Code Management – Regression Testing – B2B				
6.	Valid single member IRR message Valid error response is sent	O		
7.	Valid single member IRR message Valid single member RTR message processed successfully Rollover response processed successfully	O		

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MIG Changes

Test Cohort participants			
Peer-to-peer test start date		**Legend:**	
Peer-to-peer test end date		**Test Required**	Mandatory (M), Optional (O), Conditional (C)
Submitter's name		**Test Outcome**	Pass (P), Fail (F), Incomplete (I), NA (NA)

Test	Description	Test Required	Test Outcome	Comments (if fail/incomplete)
MIG Changes – MVR				
1.	Valid single member MVR message to an APRA fund, with Record Count populated. Success message returned (MVOR) with Context ID included	C		
2.	Valid single member MVR message to an SMSF, with Record Count populated. Success message returned (MVOR) with Context ID included	C		

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Test	Description	Test Required	Test Outcome	Comments (if fail/incomplete)
3.	Valid single member MVR message, with Record Count populated. Unsuccessful MVOR message sent (member not successfully verified)	M		
MIG Changes – MRR				
4.	Valid single member MRR message, with Record Count populated. Success message returned (MROR) with Context ID included	C		
5.	Valid multiple member MRR message, with Record Count populated. Success message returned (MROR) with Context ID included	C		
6.	Valid single member MRR message, with Record Count populated. Unsuccessful MROR message sent (new membership unable to be created)	M		
MIG Changes – CTR				
7.	Valid single member CTR message to an APRA fund, with Record Count populated, and Other Details tuple populated with an agreed value between peers. CTER Business error, with Context ID included	C		
8.	Valid single member CTR message to an SMSF, with Record Count populated., and Other Details tuple populated with an agreed value between peers.	C		

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Test	Description	Test Required	Test Outcome	Comments (if fail/incomplete)
	CTER Business error, with Context ID included			
9.	Valid multiple member CTR message to an APRA fund, with Record Count populated, and Other Details tuple populated with an agreed value between peers.	C		
10.	Valid multiple member CTR message to an SMSF, with Record Count populated., and Other Details tuple populated with an agreed value between peers.	C		
MIG Changes – Regression Testing – G2B				
11.	Valid single member GCTR message Valid GCTER message in response	O		
12.	Valid single member GCTAR message Valid GCTAOR message in response	O		
13.	Valid single member USM rollover USM rollover response processed successfully	O		
14.	Valid single member USM rollover USM rollover response processed successfully	O		
15.	Valid release authority sent (such as member Division 293 deferred debt (DivDef) Release Authority Statement (RAS) partial release	O		

Test	Description	Test Required	Test Outcome	Comments (if fail/incomplete)
	RAS successfully processed			
MIG Changes – Regression Testing – B2B				
16.	Valid single member RTR message Rollover response processed successfully (RTOR)	O		
17.	Valid single member IRR message Valid error message sent	O		

6 Peer-to-Peer Test Outcome Report

Who should use this section

- Testing participants will use the Peer-to-Peer Test Outcome Report to record the outcomes of testing.

When should this section be used

The Peer-to-Peer Test Outcome Report needs to be submitted to the SuperStreamStandards@ato.gov.au mailbox once testing is completed.

TEST COHORT PARTICIPANTS		
Submitter's name		
Testing cohort members		
Employer Solution		
Super Fund		
SMSF Electronic Service Address (ESA) provider		
Gateway and/or Clearing House		

KEY DATES	
Target Start Date	
Revised Start Date (if applicable)	
Actual Start Date	
Target End Date	
Revised End Date (if applicable)	
Actual End Date	
Overall Status	

MILESTONES	DATE	RESULT
Testing Commenced		
Member Verification Request Testing Completed		

MILESTONES	DATE	RESULT
Member Registration Request Testing Completed		
Contributions Testing Completed		
Regression Testing Completed		

ISSUES, EXCEPTIONS AND LESSONS				
Issues and Exceptions	**Date Identified**	**Action Plan**	**Expected Resolution Date**	**Actual Resolution Date**

LESSONS LEARNED

Report Signoff	

Report Signoff	

7 Defect and Exception Severity Ranking

The ATO proposes testing cohorts use the following severity ranking to assess defects and issues that arise during peer-to-peer testing.

Severity level	Definition
S1. High	A peer-to-peer transaction is unable to be completed due to failure of one or more parties. This may include (but is not limited to) failures in one or more of the following: • Preparation of member details and contribution data fails • Payroll data transformation fails • eBMS wrapping fails • Message and/or response transmission fails • Receipt and delivery of message fails • Message unpacking and processing fails • Data integrity
S2. Medium	A peer-to-peer transaction is completed but with significant operator interference or intervention[1]. This may include (but is not limited to) failures in one or more of the following: • Preparation of member details and contribution data fails • Payroll data transformation fails • eBMS wrapping fails • Message and/or response transmission fails • Receipt and delivery of message fails • Message unpacking and processing fails • Data integrity
S3. Low	A peer-to-peer transaction is successfully completed but only with low operator interference or intervention.

[1] Interference or intervention means the participant has to undertake an action designed to be completed automatically. For example, a message has to be initiated manually where it should be delivered automatically.

8   Production Readiness Checklist

This checklist is required to be completed for each completion of Better Error Code Management testing, and again following completion of MIG Changes testing.

- When completing the checklist for Better Error Code Management – only Activity questions 1-4 require a response.
- Activity question 5 only relates to superannuation funds' certification value change following MIG Changes testing has been completed.

Organisation name(s) and ABN(s):	
[SUPERANNUATION FUNDS ONLY] USI(s) ready for production (attach separate spreadsheet if required):	
Testing Cycle – Better Error Code Management; or MIG Changes	
Person completing the checklist:	
Contact number:	
Position:	

Activity	Completed – Y/N
1. Peer-to-Peer testing has been completed with: (Cohort Name/ID) _____ Attach documentary evidence, such as test results, outcome matrix or summary which demonstrates successful completion of the mandatory test scenarios, for Better Error Code Management or MIG Changes (see the Conformance Test Guide).	
2. Business readiness check Confirmation necessary business processes, production environments and personnel are in place to support receipt and processing of contributions payments, including: • Operating and support processes and procedures, including necessary recovery processes • Operational and support personnel training or guidance Outsourced partnering arrangements for data processing and/or money handling	
3. Confirmation or approval of responses Where applicable, approval to transition to production has been received from the relevant person within the organisation, including the trustee of a superannuation fund, or an administrator acting on their behalf.	
4. *[SUPERANNUATION FUNDS ONLY]* Certification details on FVS are ready to be updated Once the superannuation fund has confirmed their readiness to transition to production, and it has been confirmed by the ATO, they can arrange for the certification details on the Fund Validation Service to be changed to CONT3.0-X. Further details about how to update the Fund Validation Service can be found in [Fund Validation Service user guide](#)	

Explanatory notes:

When to submit this checklist	You should submit this checklist AFTER you have confirmed your readiness to transition to production. This means you must have done enough testing to warrant self-certification of production systems and operational processes.
Confirmation of responses	Administrators and registry service providers acting on behalf of trustees and completing this checklist as part of their agreed business practice do not need to seek additional approval of their responses but should copy the trustee on the responses and checklist sent to the ATO on their behalf.