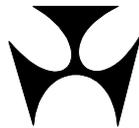


RESERVE BANK INFORMATION AND TRANSFER SYSTEM

Batch Participant User Guide

December 2019





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1. BATCH PARTICIPANT

This user guide should be read together with the *Overview of Functionality*.

1.1 Overview

This guide describes the functionality used by a batch participant in the RITS Batch Facility.

A batch is a group of net interbank obligations, called batch transactions, which are settled simultaneously. Batches may be multilateral (where obligations are settled against the system) or central party (where all payments are made to, and all receipts are received from, a single entity).

Two types of batches are available in RITS: the Settlement-only Batch and the Reservation Batch. The CHES batch (Administered by ASX Settlement Limited), the MasterCard batch (Administered by MasterCard International Incorporated) and eftpos batch (Administered by eftpos Payments Australia Limited) are Settlement-only Batches. The PEXA batch (Administered by Property Exchange Australia Limited), and ASXF batch (Administered by ASX Financial Settlements Pty Limited), are Reservation Batches. Note that the 9am Batch settlement of the previous day's low-value payment streams does not use the RITS Batch Facility.

The System Queue separately tests each batch transaction within the batch for settlement. When all of the batch transactions can be settled, the System Queue settles all transactions simultaneously. A participant in the batch can monitor their own batch transactions using the **Enquiry** function described below.

Once the batch has entered the RITS System Queue, a participant can also view (and, in some cases manage) the transaction using the queue management functions provided in the **ESA Management** module.

In a Reservation Batch, the net payment obligation of each paying participant is initially reserved in their ESA, until settlement is requested by the Batch Administrator. At this point, the System Queue tests each batch transaction and then settles all transactions simultaneously. While the Reservation Batch is reserved, and prior to settlement being requested, participants will not be able to view their obligation in the queue management functions in the **ESA Management** module.

A participant in the batch can view their *rejected* Reservation Batch transactions using the **Res Rejections** function described below.

1.2 Available Functions

- **Enquiry** – Enquire on the status of batch transactions.
 - **Res Rejections** – Enquire on *Rejected* Reservation Batch transactions
-



1.3 RITS Menu

From the RITS Main menu, select the **Batches** tab to expand the menu as displayed below. The available functions are **Enquiry** and **Res Rejections**.

Main
▶ ESA Management
▶ Cash Transfers
▶ Manual FSI/FRI
▶ Bulk FSI
▼ Batches
Enquiry
Res Rejections
▶ Batch Admin
▶ Member Admin
▶ Messages and Info
▶ Authorisations
▶ Reports
▶ Billing

1.4 Definitions

Term	Description
Activation Time	The time that a batch is passed to the System Queue for Limits Testing. If the Activation Time is set to 00:00 the batch is passed to the System Queue immediately upon being committed in the Batch Entry function.
Batch Administrator	An entity that, with the authority of participant Members, the upstream business operator and the Reserve Bank, sends to RITS net interbank obligations of participants that are to be settled as a batch. The Batch Administrator may be the Upstream Business Operator.
Batch Participants	ESA holders who are eligible to participate in a batch stream.
Batch Stream	A defined category of financial transactions arising from a real or financial business that are collated into net interbank positions and settled in RITS.
BIN	The BIN (Batch Identification Number) is a reference ID used to identify a batch.
Central Party Batch	A batch where the participants either pay to the Central Party or receive from the Central Party.



Term	Description
COIN Entered Batch	A batch that is entered into RITS via an XML-formatted file transmitted across the Community of Interest Network (COIN). Only used for Reservation Batches, not Settlement-only Batches.
Committed Batch	A batch that was entered directly in RITS, that has been finalised and is available for settlement.
Multilateral Batch	A batch where participants either pay to the system or receive from the system.
Reservation Batch	A batch that is initially entered into RITS for the reservation of funds in the ESAs of paying participants. The batch is subsequently settled at the request of the Batch Administrator.
RITS Entered Batch	A batch that is entered into RITS directly. Only used for Settlement-only Batches, not Reservation Batches.
Settlement-only Batch	A batch that is entered into RITS for settlement, without prior reservation of funds in the ESAs of paying participants.
SWIFT Message Entered Batch	A batch that is entered into RITS via a SWIFT message. Only used for Settlement-only Batches, not Reservation Batches.
Upstream Business Operator	The entity that collates financial transactions arising from a real or financial business, and transmits these to the Batch Administrator for management of the consequential interbank settlement process. It may or may not be the business owner.

1.5 User/Branch Links

A user must be linked to a branch to perform some queries on the branch's batch transactions.

User/branch links are established by the Password Administrator in the function **User Privileges**.

1.6 Branch Requirements

Batch participants are required to have an *Active* RITS branch and cash account for each Batch Stream in which they participate. It is strongly recommended that each Batch Stream uses a separate branch and cash account.

1.7 Liquidity Management of Batch Transactions

Each batch stream will have its own business rules that set out the details of the batch entry and settlement process. Batch participants must fund their batch obligations in a timely manner.

In RITS, batch participants can set override statuses in accordance with the business rules of the Batch Stream. These overrides are set at the cash account level. Overrides will not affect Reservation Batches.



The chosen status setting is automatically applied to batch transactions by RITS as they are channelled through the participant's branch. This applies only to Settlement-only Batches, both SWIFT message entered and RITS entered. Overrides are not applied to Transactions in Reservation Batches.

For SWIFT message entered batches only, batch participants can instruct the Batch Administrator to enter Cash Account, Credit and ESA Statuses for their batch transactions when the batch is created. However, the entered statuses are overridden by any override status placed on the branch through which the batch is channelled.

If no status is specified in a SWIFT message entered batch, and no override is set in RITS, the system default status of *Active* is applied. Reservation Batches will always have the status of *Priority* applied.

After a batch has been activated and is on the RITS queue, batch participants can change the status of their batch transaction directly in RITS (for all statuses) or by sending an Automated Information Facility (AIF) command for Credit and ESA Statuses. This does not apply to in transactions in Reservation Batches, which cannot have their status modified by participants.

Batch participants can also choose to receive Pre-Settlement Advices via the Automated Information Facility when their batch transactions are passed to the System Queue, and to receive Post-Settlement Advices when each batch settles. These options are selected using RITS function **Unsolicited Advices**.

RITS provides a Pre-Settlement Advice for batch receipts as well as batch payments.

Batch participants are not able to recall batch transactions from the System Queue. However, a participant can prevent settlement of any queued Settlement-only Batch transaction, where it is the paying Member, by entering a *Deferred* status. Transactions in Reservation Batches cannot be deferred.

1.8 Batches and the Automated Information Facility (AIF)

With the exception of the Recall Request (MT 198 SMT 001), all commands and enquiries provided by the AIF are available to participants for transactions in Settlement-only Batches. All enquiries provided by the AIF are available to participants for transactions in Reservation Batch. Transactions in Reservation Batches may not be modified by AIF commands.

**1.9 Status Definitions**

Status	Description
AwaitCommit	A Settlement-only Batch that has been entered by the Batch Administrator directly in RITS, but which is yet to be committed by the Batch Administrator.
PendActivation	A Settlement-only Batch that has been committed in the Batch Entry function or which has been sent to RITS via a SWIFT message and validated, but has not reached its Activation Time.
RecalledPndAct	A Settlement-only Batch that is recalled prior to the Activation Time being reached.
Deleted	A Settlement-only Batch entered directly in RITS that has been deleted while in <i>AwaitCommit</i> status, or a Reservation Batch that prior to being passed to the System Queue for settlement testing has been: <ul style="list-style-type: none">• recalled by the Batch Administrator;• rejected by RITS e.g. due to one or more paying Members having insufficient ES funds for the reservation to complete; or• removed by RITS due to the end of property settlement day having been reached.
Activated	A Settlement-only Batch that has reached Activation Time, but has not been passed to the System Queue.
RejectedbySQ	A batch that has been rejected by the System Queue.
Limits Test	A batch that is on the System Queue.
Recalled	A Settlement-only Batch that has been recalled from the System Queue.
Unsettled	A batch that is removed from the System Queue at end of day.
Settled	A batch that has been successfully settled.
Reserved	A Reservation Batch that has successfully had the requested funds reserved.



2. ENQUIRY

2.1 Key Points

- View batch transactions for the current day and any batch transactions settled in the previous five settlement days.
- View the status of the batch that contains your batch transaction.
- View the System Queue test details of your batch transaction.
- Participants can also view their batch transactions on the System Queue using the **ESA/Credit Queue Management** and **Cash Account Queue Management** functions in the **ESA Management** menu.

2.2 Batch Enquiry Screen

Select **Enquiry** from the **Batches** tab on the Main menu. The following screen opens, automatically populated with data based on the default filter criteria.

2.2.1 Filter criteria for Batch Enquiry

Field	Description
Branch	Select the branch that is the participant in the batch(es) you wish to view. Lists branches to which the user is linked.
Batch Stream ID	Defaults to <i>All</i> . Select a batch stream from the list box.
BIN	Defaults to <i>All</i> . Select a BIN from the list box. First select Branch or Batch Stream ID to populate the BIN list box with relevant BINs.
Pay/Rec	Defaults to <i>Both</i> . Select <i>Payer</i> , <i>Receiver</i> or leave as <i>Both</i> .
Status	Defaults to <i>All</i> . Select a batch status from the list box. See chapter 1.9 for a list of batch statuses.
Settlement Date From	Defaults to current system date. The previous five business days are also displayed in the list box. Select the appropriate date. When used in combination with Settlement Date To , a range of days can be selected.
Settlement Date To	Defaults to current system date. The previous five business days are also displayed in the list box. Select the appropriate date. When used in combination with Settlement Date From , a range of days can be selected.



2.2.2 Actions

Button	Description
Find	Select Find to display a list of batch transactions, based on the filter criteria selected.
Clear	Select Clear to repopulate the filter criteria with default values. Any listed transactions are also cleared.
Printer Icon	Select the Printer Icon to print the page.

2.3 Finding Batches in Batch Enquiry

Once the appropriate filter criteria have been entered, select **Find**.

Batch Enquiry

Enquiry Filter

Branch Batch Stream ID BIN Pay/Rec

Status Settlement Date From To

Settlement Date	Activation Time	Batch Stream Id	BIN	Payer	Receiver	Batch Amount	Status
11-Jun-2014	11:21	ASXB	ASXB110614000001	BMLM2M	ASTCCH	\$2,000,000.00	Settled
11-Jun-2014		PEXA	PEXA661106140006	BMLM2P		-\$500,000.00	Reserved
11-Jun-2014		PEXA	PEXA661106140007		BMLM2P	\$2,000,000.00	Deleted
11-Jun-2014		PEXA	PEXA661106140008		BMLM2P	\$300,000.00	Settled
11-Jun-2014		PEXA	PEXA661106140009	BMLM2P		-\$9,999,999,999.99	Deleted
11-Jun-2014		PEXA	PEXA661106140010		BMLM2P	\$100,000.00	Reserved

2.3.1 List headings

Field	Description
Settlement Date	Displays the settlement date of the batch.
Activation Time	Displays the Activation Time. If the Activation time is 00:00, the batch proceeds directly to the System Queue.
Batch Stream ID	Displays the Batch Stream ID of the batch.
BIN	Displays the BIN of the batch.
Payer	Displays the paying branch mnemonic. Can be <i>blank</i> for a multilateral batch.
Receiver	Displays the receiving branch mnemonic. Can be <i>blank</i> for a multilateral batch.
Batch Amount	Displays the amount of each transaction.
Status	Displays the current status of the batch. See chapter 1.9 for a list of batch statuses.

The fields are not dynamic and need to be refreshed to reflect changes as they occur. Refreshing is achieved by re-selecting **Find**.



2.3.2 Actions

Action	Description
Select a Batch	Select a row to open the Queue Test Detail screen, where a batch transaction's Queue Test details can be viewed. The batch status must be <i>Limits Test</i> .
Printer Icon	Select the Printer Icon to print the page.

2.4 Batch Enquiry - Queue Test Detail Enquiry Screen

Details of batch transactions which remain on the System Queue can be viewed. To view the Queue Test Details of a batch transaction, select a transaction with a *Limits Test* status from the current day from the list in the Batch Enquiry screen (see chapter 2.3).

These details are also available in the queue management functions provided in the **ESA Management** menu.

Batch Enquiry - Queue Test Detail

Settlement Date	28-Aug-2009	Batch Stream Id	PCR1	BIN	PCR12009082802	Status	LimitsTest
Payer	BQLQ05	Receiver	CBAA2E	Batch Amount			-\$200.00

Status Flags

Cash Account Status	B	Credit Status	B	ESA Status	P
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Queue Test Information	ESA
Time Activated	11:46:40
Time on Queue	00:08:20
Last Tested	n/a
Failed Tests	
Last Failure	

Cash Account	
Cash Account Balance	\$0.00
Active Balance	No Limit

2.4.1 Batch Enquiry - Queue Test Detail headings

Field	Description
Settle Date	Displays the settlement date of the batch.
Batch Stream ID	Displays the Batch Stream ID of the batch.
BIN	Displays the BIN of the batch.
Status	Displays the current status of the batch.



Field	Description
Payer	Displays the paying branch mnemonic. Can be <i>blank</i> in a multilateral batch.
Receiver	Displays the receiving branch mnemonic. Can be <i>blank</i> in a multilateral batch.
Batch Amount	Displays the transaction amount.
Cash Account Status	Displays the transaction's Cash Account status. Available for payer only.
Credit Status	Displays the transaction's Credit status. Available for payer only.
ESA Status	Displays the transaction's ESA status. Available for payer only.
Time Activated	Displays the time the batch transaction arrived on the System Queue. (This is not to be confused with the Activation Time, which is relevant only to batches).
Time on Queue	Displays the time spent on the System Queue.
Last tested	Displays the last time the batch transaction was tested on the System Queue.
Failed tests	Displays the number of failed tests for the batch transaction.
Last failure	Displays the reason for the last test failure. Available for payer only.
ESA Balance	Displays the participant's ESA Balance at the time the screen was entered.
Active Balance (ESA)	Displays the participant's ESA Active Balance at the time the screen was entered, calculated as $\text{Active Balance} = \text{ESA Balance} - \text{ESA Sub-Limit}$. Note that this calculation may overstate the Member's true ESA Active Balance as it does not take into account any currently Reserved Funds.
Cash Account Balance	Displays the participant's Cash Account Balance at the time the screen was entered.
Active Balance (Cash Account)	Displays participant's Active Cash Account Balance at the time the transaction was entered. $\text{Active Balance} = \text{Cash Account Balance} - \text{Cash Account Sub-Limit}$ if a Sub-Limit is set, or $\text{Cash Account Balance} + \text{Cash Account Limit}$, if no Sub-Limit is set.



3. RESERVATION REJECTIONS

3.1 Key Points

- View Reservation Batches that the member is participating in that have been rejected

3.2 Reservation Batch Rejections Screen

Select **Res Rejections** from the **Batches** tab on the Main menu. The following screen opens.

3.2.1 Filter criteria for Reservation Batch Rejections

Field	Description
Enquiry Date	Defaults to current system date. The previous five business days are also displayed in the list box. Select the appropriate date.
BIN	Defaults to <i>Blank</i> . Enter a complete BIN to populate the BIN list box with the relevant BIN. Leaving <i>Blank</i> will return all BINs on the selected <i>Enquiry Date</i> .

3.2.2 Actions

Button	Description
Find	Select Find to display a list of batch transactions, based on the filter criteria selected.
Clear	Select Clear to repopulate the filter criteria with default values. Any listed transactions are also cleared.
Printer Icon	Select the Printer Icon to print the page.



3.3 Finding Batches in Reservation Batch Rejections

Once the appropriate filter criteria have been entered, select **Find**.

Reservation Batch Rejections 

Enquiry Filter

Enquiry Date: 11-Jun-2014 BIN:

Find **Clear**

1 Record found [First | Previous] 1 [Next | Last]

Date	Time Received	BIN	Status	Insufficient ES Funds	Amount
11-Jun-2014	12:27:02 PM	PEXA661106140009	Rejected	BMLM2P	-\$9,999,999,999.99

3.3.1 List headings

Field	Description
Date	Displays the date the batch was received.
Time Received	Displays the time the batch was received.
BIN	Displays the BIN of the batch.
Status	Displays rejected, as this enquiry will only list batches where the Reservation attempt was unsuccessful.
Insufficient ES Funds	Displays the branch mnemonic of the paying participant that had insufficient ES funds to allow Reservation to be completed, if that branch belongs to the viewing Member.
Amount	Displays the amount of each transaction.

3.3.2 Actions

Action	Description
Printer Icon	Select the Printer Icon to print the page.