

The RITS Low Value Settlement Service (LVSS) 9am Settlement Changes

Training for RITS Members
Operations Staff
May 2012

LVSS: 9am Settlement Changes

- LVSS Migration and impact on settlement
- **Verification of LVSS transactions**
- Management of LVSS transactions
- 9am settlement arrangements
- Post settlement activities
- **Clearing interest transactions**
- Manual entry of FSIs and FRIs



Introduction to LVSS

- Settlement of low value clearing obligations
- Replaces Exchange Summaries/Collator
- Affects Tier 1/direct settling members
- 9am settlement arrangements will change
- Migration commences May 2012

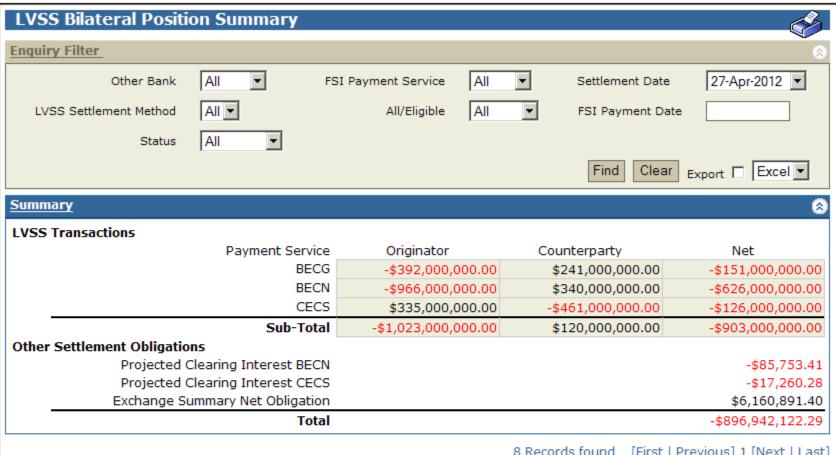
Migration to LVSS

- On a clearing system by clearing system basis
- All participants in a clearing system migrate on the same weekend
- BECS (direct entry) 21 May 2012
- CECS/Cashcard 13 August 2012 (ATM/POS, MasterCard, Visa)
- APCS (cheques) 22 October 2012

Verification of LVSS Transactions

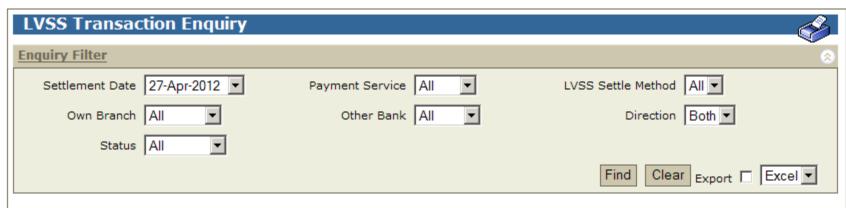
- Verify position in RITS against internal reports/systems
- LVSS Bilateral Position Summary for overall position by clearing system
- LVSS Bilateral Position Summary for position by clearing system by counterparty
- LVSS Bilateral Position Summary also shows projected clearing interest by Payment Service
- LVSS Transaction Enquiry for individual transactions





8 Records found [First | Previous] 1 [Next | Last]

Other Bank	Payment Service	Originator	Counterparty	Net
ANZB	BECG	-\$213,000,000.00	\$67,000,000.00	-\$146,000,000.0
BOCS	BECG	-\$21,000,000.00	\$84,000,000.00	\$63,000,000.0
ROYC	BECG	-\$158,000,000.00	\$90,000,000.00	-\$68,000,000.0
ANZB	BECN	-\$406,000,000.00	\$90,000,000.00	-\$316,000,000.0
BOCS	BECN	-\$213,000,000.00	\$123,000,000.00	-\$90,000,000.0
ROYC	BECN	-\$347,000,000.00	\$127,000,000.00	-\$220,000,000.0
ANZB	CECS	\$241,000,000.00	-\$225,000,000.00	\$16,000,000.0
ROYC	CECS	\$94,000,000.00	-\$236,000,000.00	-\$142,000,000.0



19 Records found [First | Previous] 1 [Next | Last]

Settle Date	Time Settled	Payt Serv	LVSM	Other Bank	Own Branch	External TRN	Clearing Description	Status	Amount
27-Apr-2012	07:20:47	BECG	I	ROYC	BQLQLC	ROYC2657457	16:00	Complete	\$90,000,000.00
27-Apr-2012	07:21:31	BECG	I	BOCS	BQLQLC	BOCS26524751	16:00	Complete	\$84,000,000.00
27-Apr-2012	07:21:56	BECG	I	ANZB	BQLQLC	ANZB26538703	16:00	Complete	\$67,000,000.00
27-Apr-2012	07:26:34	BECG	I	ROYC	BQLQLC	BQLQ26447231	16:00	Complete	-\$158,000,000.00
27-Apr-2012	07:26:34	BECG	I	ANZB	BQLQLC	BQLQ26545482	16:00	Complete	-\$213,000,000.00
27-Apr-2012	07:26:34	BECG	I	BOCS	BQLQLC	BQLQ26551497	16:00	Complete	-\$21,000,000.00
27-Apr-2012		BECN	М	ANZB	BQLQLC	ANZB26521795	10:00	Accepted	\$90,000,000.00
27-Apr-2012		BECN	М	ROYC	BQLQLC	BQLQ2646671	10:00	Accepted	-\$134,000,000.00
27-Apr-2012		CECS	М	ROYC	BQLQLD	BQLQ26510886	ATM/EFTPOS	Accepted	\$94,000,000.00
27-Apr-2012		BECN	М	ANZB	BQLQLC	BQLQ26517919	10:00	Accepted	-\$193,000,000.00
27-Apr-2012		BECN	М	BOCS	BQLQLC	BQLQ26528186	18:30	Accepted	-\$213,000,000.00
27-Apr-2012		BECN	М	BOCS	BQLQLC	BOCS2651311	18:30	Accepted	\$123,000,000.00
27-Apr-2012		BECN	М	ROYC	BQLQLC	BQLQ26551497	18:30	Accepted	-\$22,000,000.00
27-Apr-2012		BECN	М	ANZB	BQLQLC	BQLQ26556805	18:30	Accepted	-\$213,000,000.00
27-Apr-2012		CECS	М	ANZB	BQLQLD	BQLQ2656699	ATM/EFPTOS	Accepted	\$241,000,000.00
27-Apr-2012		CECS	М	ROYC	BQLQLD	ROYC2652437	ATM/EFTPOS	Accepted	-\$236,000,000.00
27-Apr-2012		BECN	М	ROYC	BQLQLC	ROYC26525904	18:30	Accepted	\$29,000,000.00

LVSS Transaction Details TRN BQLQ1354672 Payment Service BECN **Settlement Date** 01-May-2012 **Payment Date Settlement Time** 01-May-2012 **Clearing Description** 10:00 **Settlement Amount** \$193,000,000.00 Clearing File Reference SHNOZ.FILE.DE.ANZB.INWARD **Payer ID** BQLQ **Clearing Details** Payee ID ANZB **Settlement Method** Originator ID Μ **BQLQ Settlement Details** Counterparty ID ANZB **Credit Items Value** \$1,750,000.00 **Credit Items Number** 1,875 **Debit Items Value** \$540,000.00 **Debit Items Number** 770 Close

Overnight Access to RITS

- Settlement and recall instructions can be sent any time
- Queued if RITS unavailable due to overnight processing or maintenance
- User access to limited number of functions available in Overnight Session
- Access via specific roles:
 - Overnight Enquiry (three LVSS enquiry functions)
 - Limited Overnight Enquiry (LVSS File Enquiry only)
 - Manual FSI and FRI functions
- Queue management functionality not available
- Users will be logged off at beginning and end of Overnight Session as access permissions refresh



Impact on 9am Settlement

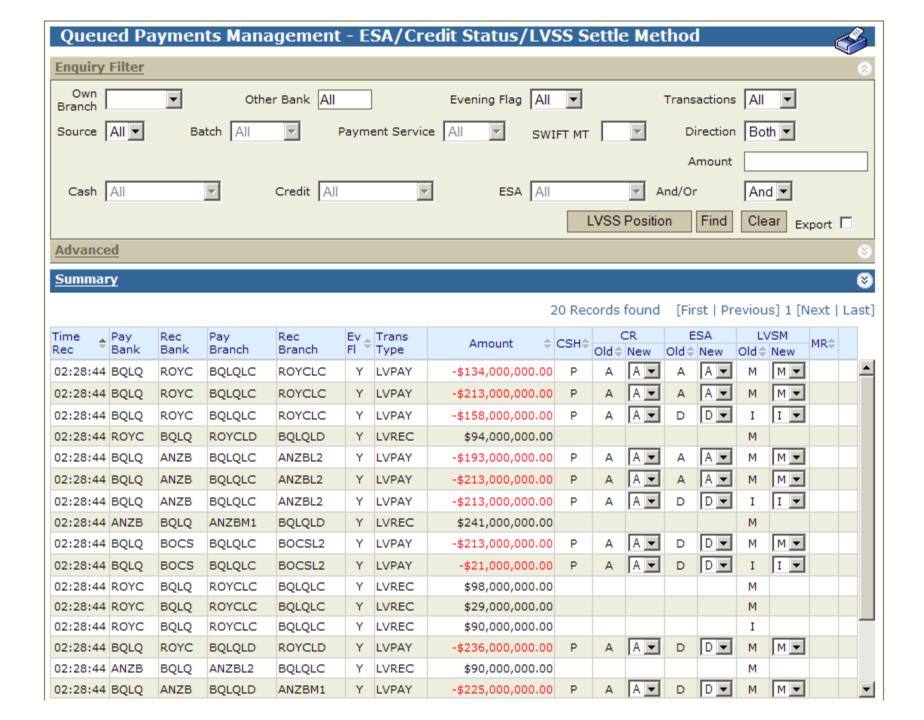
- Multiple LVSS transactions on queue
- Position not fixed until 8.15 am
- Settlement occurs between 8.45 am and 9.15 am
- Members have until 8.45 am to complete funding of the 9am position
- During migration, single simultaneous settlement of remaining Collator obligations and LVSS obligations

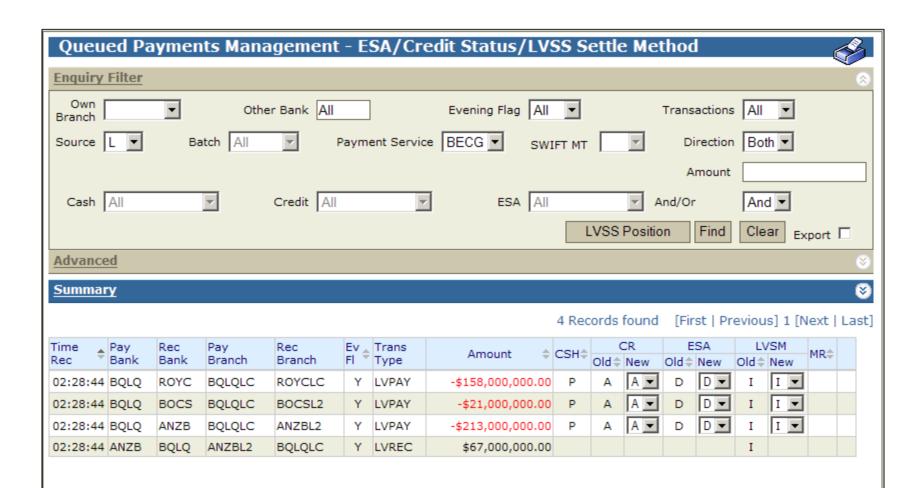
Settlement of Government Direct Entry

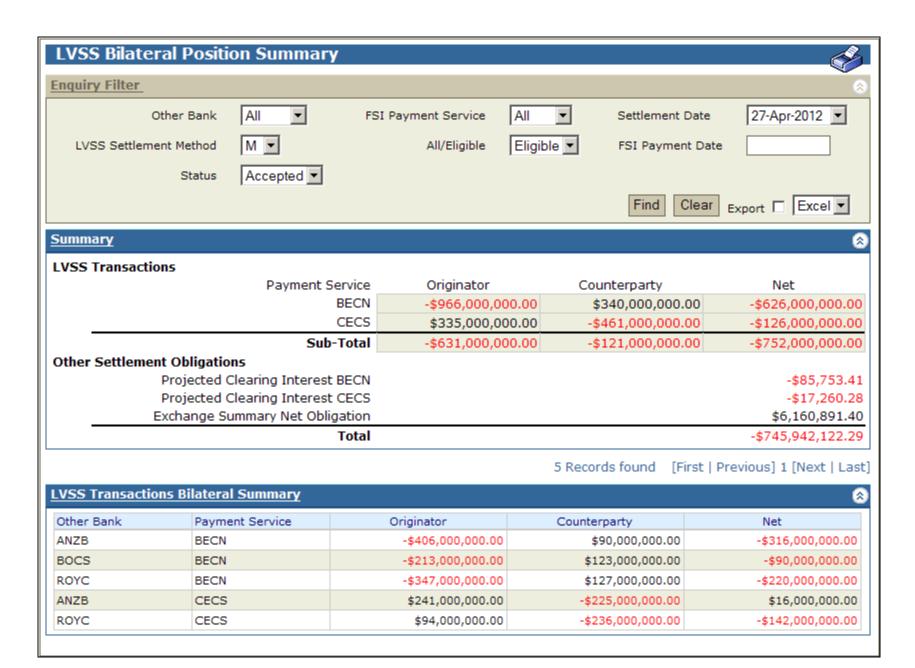
- Currently outside 9am batch (GDES posting for RBA; cash transfers for others)
- Following migration, use LVSS transactions
- Must settle prior to 8.15 am (as now)
- Settlement Method 'I' (Individual)

Queue Management Prior to 8.15 am

- Ensure government direct entry obligations settle by 8.15 am
- Ensure other transactions are ready for multilateral settlement by 8.15 am
- Transactions only included in 9am settlement if no deferred status and Settlement Method = 'M' (Multilateral)
- Use Queued Payments Management to view and change ESA Status
- To view projected 9am position, use LVSS Bilateral Position Summary or LVSS Multilateral Position Summary







Current LVSS Multilateral Run* Net Position Amount No. Queued Inward Queued Outward Start Time End Time Settlement Testing *Only displayed during LVSS Multilateral settlement testing period

Next LVSS Mu					
Net Position					
	No.				
Eligible Queued Inward	\$681,160,891.40	7			
Eligible Queued Outward	\$1,427,000,000.00	7			
Projected Clearing Interest	-\$103,013.69				
	Start Time	End Time			
Settlement Testing	08:15	09:10			

ESA Balance						
ESA Balance	\$79,401,013.05	ESA Sub-Limit	\$773,000,000.00	ESA Active Balance	-\$693,598,986.95	

Multilateral Run Commences 8.15 am

- Eligible transactions selected and flagged
- Includes 9am collator obligations during migration
- Clearing interest transactions are created
- View 9am position in:
 - ESA Position (also shows projected ESA balance)
 - LVSS Multilateral Position Summary
- Don't use Collator fax or 07:30am Information (both are incomplete once migration commences)

ESA Position



ES Account

092-002-811907

ESA Limit

\$0.00

(no overdrawings allowed)

ESA Ba		
ESA Balance		
ESA Sub-Limit	Change ESA Sub-Limit	
ESA Active Balance	-\$671,598,986.95	

Current LVSS Multilateral Run Position						
Multilateral Run Position	-\$745,942,122.29					
Projected ESA Position after posting the MR Position						
[ESA Balance + MR Position]	-\$667,541,109.24					

Queued I					
Amount	Amount \$0.00				
No.	0				
Queued O					
Amount	\$0.00	Including queued			
No.	0	2nd leg RBA Repos			

RBA Repos Completed Today							
	First Leg	\$0.00					
	Second Leg*	\$0.00					
(*Includes reversals of RBA Repos from previous day, if any)							
Warning:	Warning: Figures for outstanding RBA Repos will be						

misleading if there are overnight repos carried forward from the previous day.



Note: Due to the real time nature of the system, transactions may have arrived/settled during the calculation of each of these totals. Therefore aggregates displayed on this page are not synchronised.

LVSS Multilateral Position Summary

period



Current LVSS M	ultilateral Run*				
Net Position					
	No.				
Queued Inward	\$681,163,083.18	8			
Queued Outward	\$1,427,105,205.47	11			
Start Time End Time					
Settlement Testing	08:15	09:10			
*Only displayed during L	VSS Multilateral settleme	nt testing			

Next LVSS Mu		
Net Position		
	Amount	No.
Eligible Queued Inward	\$0.00	0
Eligible Queued Outward	\$0.00	0
Projected Clearing Interest		
	Start Time	End Time
Settlement Testing		

ESA Balance						
ESA Balance \$78,401,013.05 ESA Sub-Limit \$750,000,000.00 ESA Active Balance -\$671,598,986.9						

Between 8.15 am and 8.45 am

- 9am position doesn't change
- Half an hour provided to complete funding of 9am obligation
- Ensure ESA is in projected credit by 8.45 am
- If a transaction is deferred at 8.15 am, it will not be selected for 9am settlement. To settle this transaction:
 - change the Settlement Method to 'I' (Individual)
 - clearing interest will not be applied by RITS manual adjustment may be required

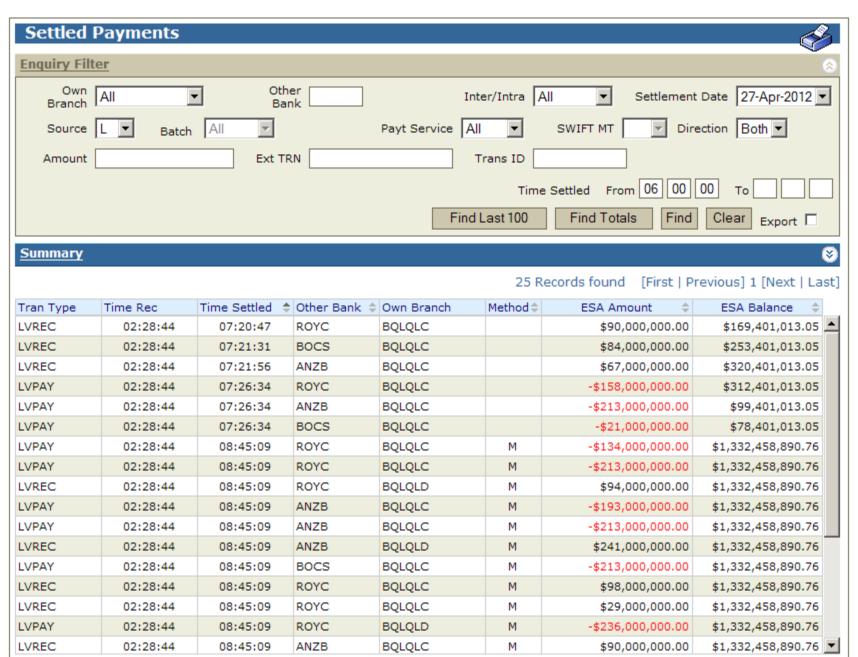


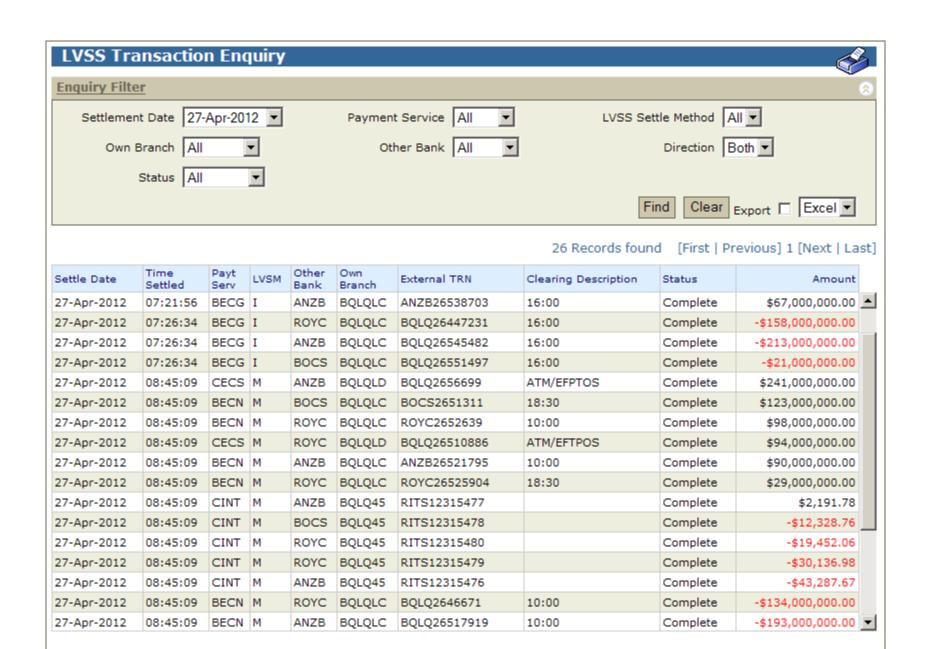
9am Settlement

- Occurs between 8.45 am and 9.15 am
- Tested against full ESA balance even if ESA Status is active
- All transactions settled simultaneously
- Posted to ESA as individual transactions
- Final ESA balance is shown against all transactions

After Settlement

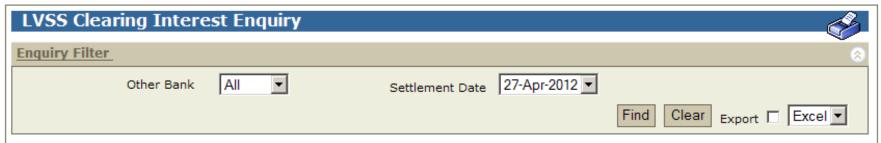
- View settled LVSS transactions in:
 - Settled Payments Enquiry
 - LVSS Transaction Enquiry
- View settled clearing interest transactions in:
 - LVSS Clearing Interest Enquiry
- LVSS responses (File Settlement Response Settled) and AIF post-settlement advices are sent
- End of day Cashlist report and ESA Statement (MT950)





Clearing Interest

- Currently calculated by Collator and included in 9am Collator obligations
- Under LVSS, clearing interest will be calculated by RITS and included in 9am settlement
- One clearing interest transaction for each other participant for each payment service
- Payment Service is 'CINT'
- After settlement, view in Clearing Interest Enquiry



13 Records found [First | Previous] 1 [Next | Last]

FSI TRN		Payment Service	Clearing Description	Payment Date	FSI Settlement Amount	Clearing Int Amount	Clearing Int Tran ID	Clearing Int Tran Amount
ANZB26521795	ANZB	BECN	10:00	26-Apr-2012	\$90,000,000.00	\$12,328.77	12315476	-\$43,287.67
BQLQ26517919	ANZB	BECN	10:00	26-Apr-2012	-\$193,000,000.00	-\$26,438.36	12315476	-\$43,287.67
BQLQ26556805	ANZB	BECN	18:30	26-Apr-2012	-\$213,000,000.00	-\$29,178.08	12315476	-\$43,287.67
BOCS2651311	BOCS	BECN	18:30	26-Apr-2012	\$123,000,000.00	\$16,849.32	12315478	-\$12,328.76
BQLQ26528186	BOCS	BECN	18:30	26-Apr-2012	-\$213,000,000.00	-\$29,178.08	12315478	-\$12,328.76
BQLQ2646671	ROYC	BECN	10:00	26-Apr-2012	-\$134,000,000.00	-\$18,356.16	12315479	-\$30,136.98
ROYC2652639	ROYC	BECN	10:00	26-Apr-2012	\$98,000,000.00	\$13,424.66	12315479	-\$30,136.98
BQLQ26442531	ROYC	BECN	18:30	26-Apr-2012	-\$213,000,000.00	-\$29,178.08	12315479	-\$30,136.98
ROYC26525904	ROYC	BECN	18:30	26-Apr-2012	\$29,000,000.00	\$3,972.60	12315479	-\$30,136.98
ANZB26538000	ANZB	CECS	ATM/EFPTOS	26-Apr-2012	-\$225,000,000.00	-\$30,821.92	12315477	\$2,191.78
BQLQ2656699	ANZB	CECS	ATM/EFPTOS	26-Apr-2012	\$241,000,000.00	\$33,013.70	12315477	\$2,191.78
BQLQ26510886	ROYC	CECS	ATM/EFTPOS	26-Apr-2012	\$94,000,000.00	\$12,876.71	12315480	-\$19,452.06
ROYC2652437	ROYC	CECS	ATM/EFTPOS	26-Apr-2012	-\$236,000,000.00	-\$32,328.77	12315480	-\$19,452.06

RITS Function Summary

Verification: Have all expected FSIs arrived?

LVSS Transaction Enquiry

What is my net position for each Payment Service? LVSS Bilateral Position Summary

Have my government direct entry transactions settled?

Queued Payments Management

LVSS Transaction Enquiry

Are my FSIs ready for multilateral settlement? **Queued Payments Management**

Is my ESA sufficiently funded? **ESA Position**



Contingency Arrangements

- RITS functionality for manual entry of FSI into RITS
- Contingency method for entry of FSIs if file transfer not available
- Available during the day and during Overnight session
- Recommend that users practice in Pre-Production Environment
- RBA can perform as an Assisted Transaction subject to RBA's authorisation requirements

Manual FSI Entry

- Enter all FSI fields into RITS screen
- Optional Authorisation available
- Once entered/authorised, treated like any other FSI
- LVSS advice and response messages will be sent to Member and Counterparty
- Can view in standard LVSS enquiries
- Separate Manual FSI enquiry function also available

Manual FRI Entry

- Allows selection of an FSI for recall, whether message based or manually entered
- Optional Authorisation available
- Once entered, treated like any other FRI
- Response messages sent to Member and Counterparty
- Manual FRI Enquiry function available

Manual Entry FSIs and FRIs New Roles and Functions

Manual FSI Entry role

- Manual FSI Entry function
- Manual FSI Amend/Delete function
- Manual FSI Enquiry function

Manual FSI Authorisation role

- Manual FSI Authorise function
- Manual FSI Enquiry function

Manual FRI Entry role

- Manual FRI Entry function
- Manual FRI Enquiry function

Manual FRI Authorisation role

- Manual FRI Authorise function
- Manual FRI Enquiry function

Main

▼ ESA Management

ESA Position Settled Payments Transaction Enquiry SWIFT Enquiry AIF Enquiry 7:30am Information

▶ ESA/Credit

▼LVSS

Multilateral Position Bilateral Summary Transaction Enquiry Interest Enquiry File Enquiry

- Cash Account
- ▶ Targeted Offset

Cash Transfers

Manual FSI/FRI

FSI Enquiry FSI Entry

FSI Amend/Delete

FSI Authorise

FRI Enquiry

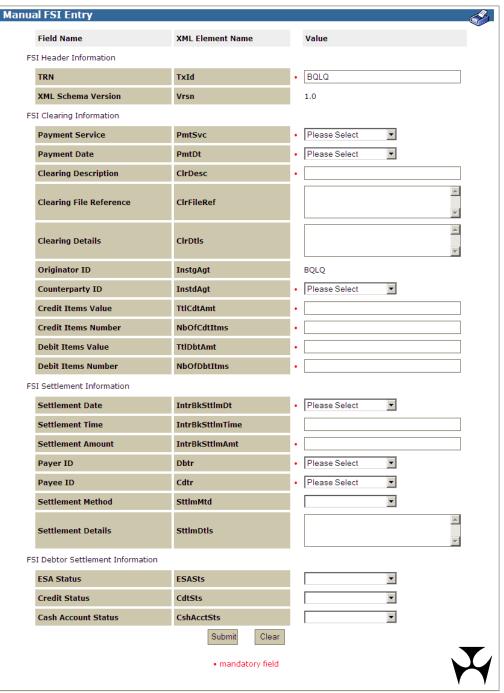
FRI Entry

FRI Authorise

Batches

- ▶ Batch Admin
- Member Admin
- ▶ Messages and Info
- ▶ Authorisations
- ▶ Reports
- ▶ Billing

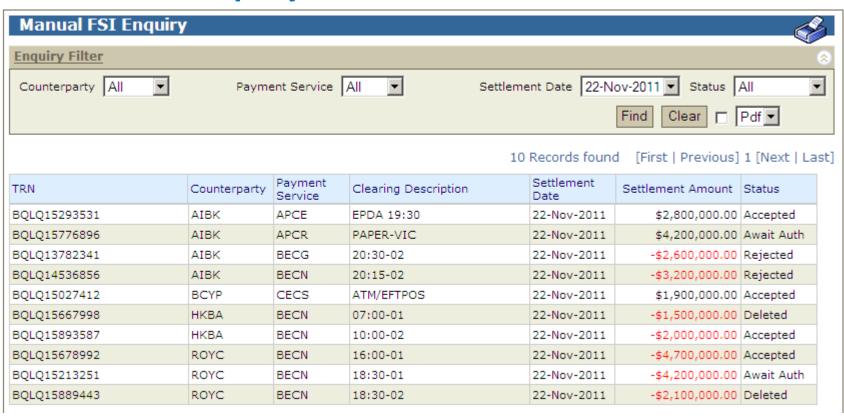
Manual FSI Entry



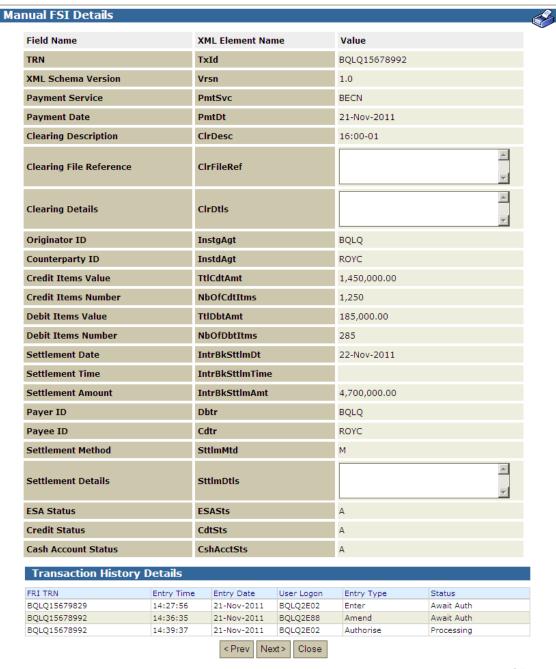
Manual FSI Authorisation

Manual FSI Authorisation						
				6 Records found	[First Previous] 1	[Next Las
FSI TRN	Settlement Date	Counterparty	Payment Service	Clearing Description	Settlement Amount	Authorise
BQLQ15293532	22-Nov-2011	AIBK	APCE	EPDA 19:30	\$2,800,000.00	~
BQLQ15776895	22-Nov-2011	AIBK	APCR	PAPER-VIC	\$4,200,000.00	✓
BQLQ15027402	22-Nov-2011	BCYP	CECS	ATM/EFTPOS	\$1,900,000.00	
BQLQ15893578	22-Nov-2011	НКВА	BECN	10:00-02	-\$2,000,000.00	
BQLQ15679829	22-Nov-2011	ROYC	BECN	16:00-01	-\$4,700,000.00	
BQLQ15213215	22-Nov-2011	ROYC	BECN	18:30-01	-\$4,200,000.00	

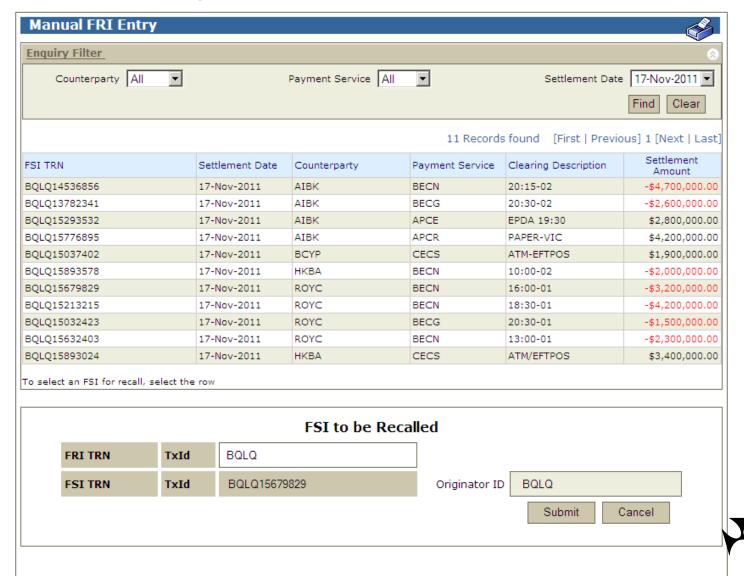
Manual FSI Enquiry



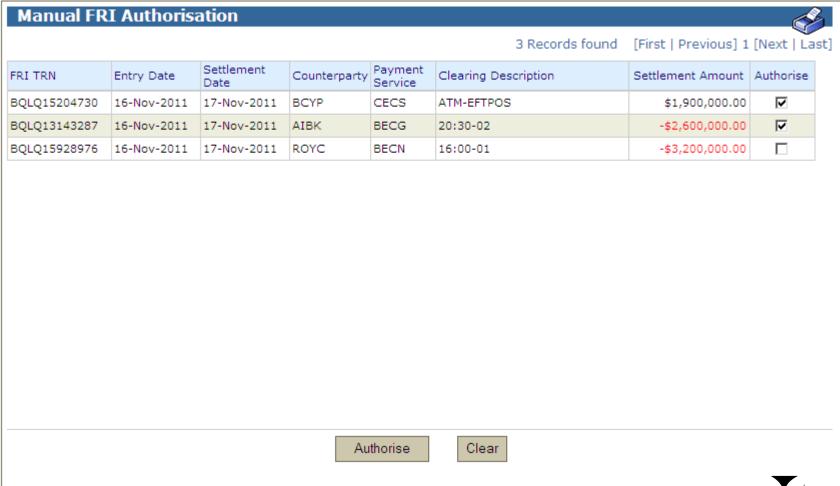
Manual FSI Enquiry – Details



Manual FRI Entry



Manual FRI Authorisation



Manual FRI Enquiry





LVSS: 9am Settlement Changes

