

Shadow Processing
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1. About this Manual

1.1 Introduction

This manual is essentially designed to help you get acquainted with the shadow processing feature in Oracle FLEXCUBE. Among other things, it provides details on the maintenances that need to be in place and the operations that are impacted in different modules.

You can obtain information specific to a particular field by placing the cursor on the relevant field and striking <F1> on the keyboard.

1.2 Audience

This manual is intended for the following User/User Roles:








Role	Function
Back office clerk	Input functions for contracts
Back office managers/officers	Authorization functions
Product Managers	Product definition and authorization
End of day operators	Processing during end of day/ beginning of day
Financial Controller/Product Managers	Generation of reports













1.3 Conventions Used in this Manual

Important information is preceded with the  symbol.

1.4 Glossary of Icons

This User Manual may refer to all or some of the following icons:

Icons	Function
	New
	Copy
	Save
	Delete
	Unlock
	Print
	Close

Icons	Function
	Re-open
	Reverse
	Template
	Roll-over
	Hold
	Authorize
	Liquidate
	Exit
	Sign-off
	Help
	Add
	Delete

Refer the Procedures User Manual for further details about the icons.

1.5 **Related Documents**

For further information on terms discussed in the manual, refer to the Oracle FLEXCUBE manuals on:

- Funds Transfer
- Payments and Collections
- Retail Teller
- Data Entry
- Mortgage
- Core Entities
- Consumer Lending
- Interest and Charges

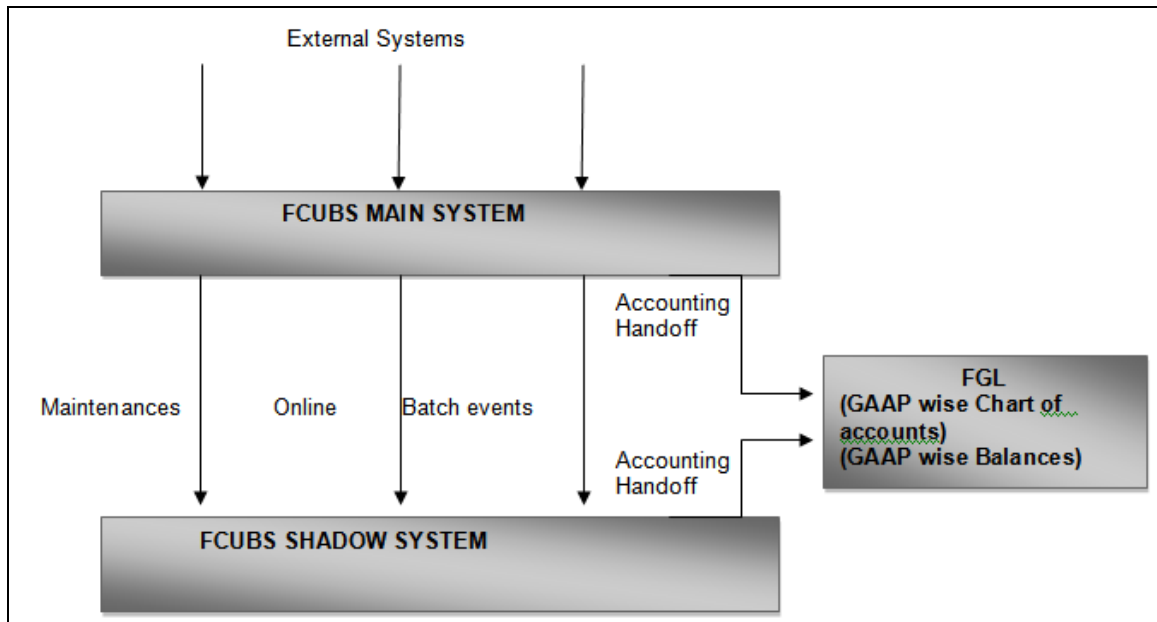
2. Shadow Processing

2.1 Introduction

Oracle FLEXCUBE supports accounting based on different GAAPs for certain retail transactions. This is done through shadow processing wherein two FLEXCUBE systems are maintained– a main system and a shadow system, each with a different GAAP. The actual processing is a combination of replaying maintenances, transactions and batches for specific modules and transferring accounting data for other modules that do not require replaying, from the main system to the shadow system. The replaying can be done manually or through a scheduler and involves the following:

- Replaying of maintenances pertaining to Core, FT, CL, MO and IC modules
- Replaying of transactions for the CL, TD, MO and FT modules
- Replaying of events through batches for the CL, TD, MO and FT modules
- Handing off of accounting entries for other modules like PC, RT, DE. This is because, for these modules, there is no difference in processing for different GAAPs. The accounting entries handoff is primarily to ensure that the account balances in both systems are the same.

After the processing, the shadow system will handoff the accounting to FGL for further processing, as is depicted below:



2.2 Maintenances for Shadow Processing

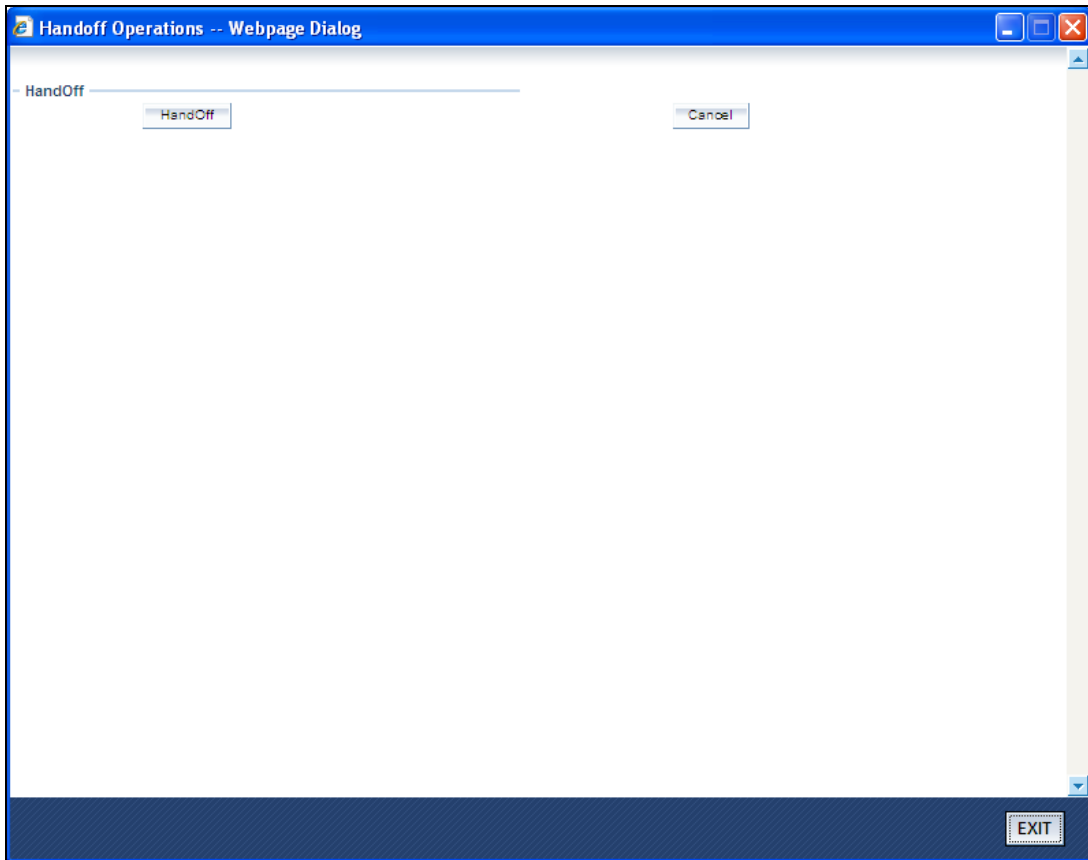
The following backend maintenances are required for shadow processing:

- Defining different GAAPs for the main and shadow system in the GAAP_INDICATOR field. The GAAP indicator for each system will be displayed in the title bar for the system.

- Defining the shadow system - in the main and shadow systems, you need to indicate that a shadow system exists by configuring the value of the backend parameter 'SHADOW_SYSTEM_EXISTS' to 'Y'.
- Identifying the shadow system -You need to indicate which system is the main system and which represents the shadow system. This is done by configuring the value of the backend parameter 'SHADOW_SYSTEM' to 'N' in the main system and 'Y' in the shadow system
- Identifying maintenances requiring replay in the shadow system – you can do this by configuring the backend parameter 'Replay Required' for the corresponding function ID to any of the following:
 - 'Y' to replay first-time maintenances only
 - 'A' to replay maintenances for all operations
 - 'N' to not replay the maintenance
- Identifying the transactions to be replayed – you can do this by configuring the backend parameter 'Replay Required' for the corresponding function ID to any of the following:
 - 'Y' to replay the transaction
 - 'N' to not replay the transaction
- Identifying the events for which batches need to be replayed
- Identifying the events for which accounting entries that need to be replayed.– you can do this by configuring the backend parameter 'Replay Required' in the events data store

2.3 **Handoff Processing**

You can trigger the handoff of entries for maintenances, online, batch and accounting from the main to the shadow schema in the 'Handoff Operations' screen. To invoke this screen, type 'STDHDOFF' in the field at the top right corner of the Application tool bar and click on the adjoining arrow button.



In this screen, click 'Handoff'.to begin the handoff operation.

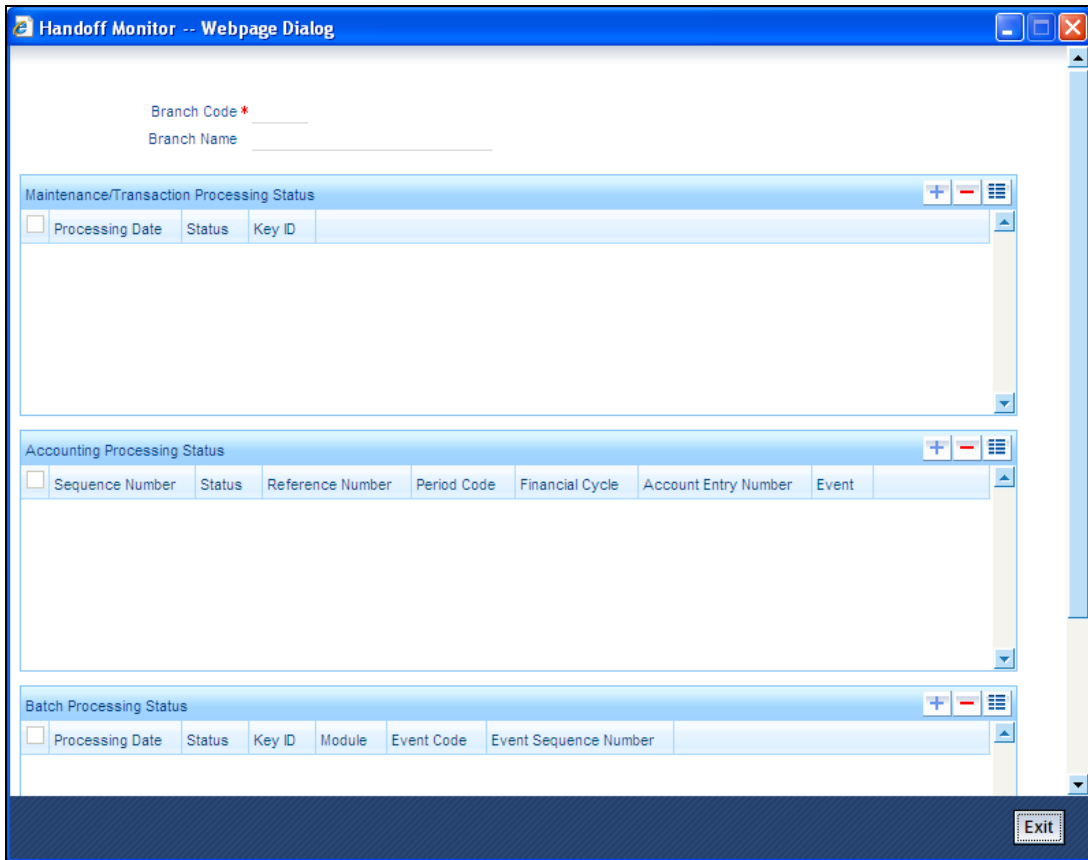
The main system hands off accounting entries for modules for which differential GAAP treatment is not required. The handoff is done to keep account balances in both systems the same and ensure proper accounting in the shadow system. When a contract is authorized, if replay of accounting entries is allowed for an event, then the accounting entry will be logged in the staging data store at the time of authorization of the account entry. When transactions are handed off, the accounting entries are also populated in the shadow system where they are processed as single entry transactions.

Accounting, maintenances and online transactions will need to be handed-off prior to EOD processing in the main system. Batch handoff will be done as part of EOD.

Refer the Annexure for a list of accounting entries that will be handed off to the shadow system

2.4 Viewing Handoff Processing Details

You can view the data that is pending for handoff in the 'Handoff Monitor' screen. You can invoke this screen by typing 'STDHDMTR' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.



The system will display the following details:

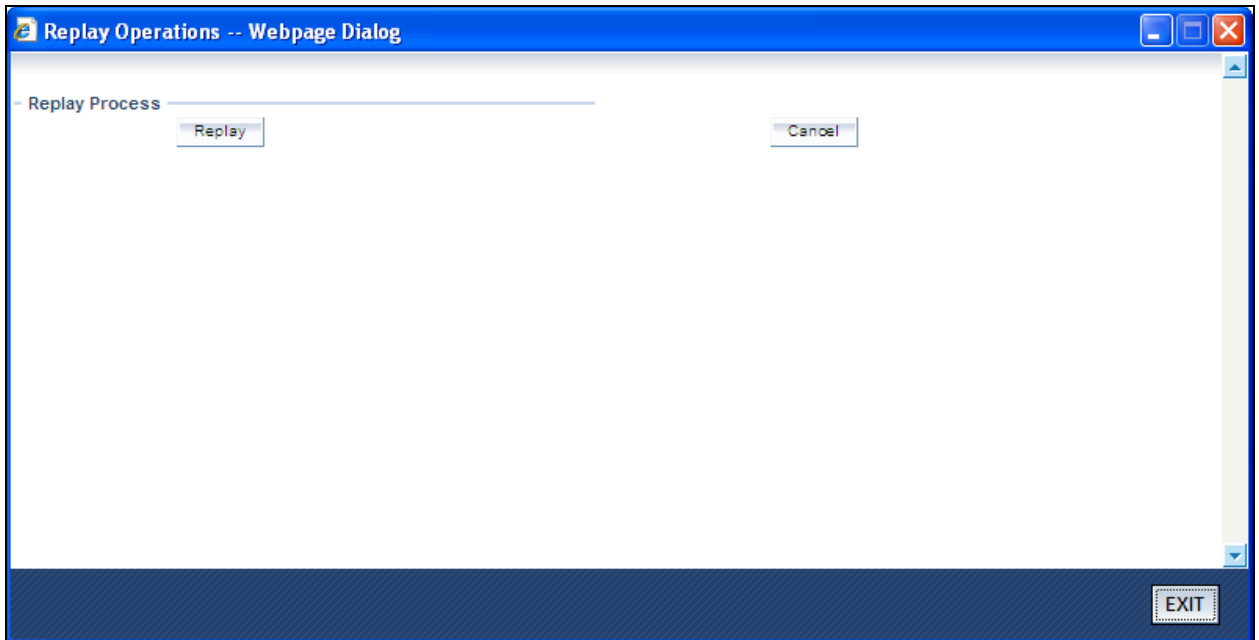
- Branch Code
- Branch Name
- For Maintenance/Transaction Processing Status
 - Processing Date
 - Process Status
 - Key ID
- For Accounting Processing Status
 - Sequence Number
 - Status
 - Reference Number
 - Period Code
 - Financial Cycle
 - Account Entry Number
 - Event
- For Batch Processing Status

- Processing Date
- Status
- Key ID
- Module
- Event Code
- Event Sequence Number

Click the 'Refresh' button to view the latest details.

2.5 **Replay Processing**

You can initiate the replaying of maintenances, transactions and batches that are eligible for replaying in the shadow schema in the 'Replay Operations' screen. To invoke this screen, type 'STDSHUPD' in the field at the top right corner of the Application tool bar and click on the adjoining arrow button.



Click the 'Replay' button. In the shadow system, data for the current branch pertaining to maintenances and online transactions will be moved from the staging data store for further processing. This replay is required to be done before EOD is run in the main system and replay of batches can be done only after EOFI has been posted in the main system.

2.5.1 **Processing Maintenances**

Whenever a maintenance record is saved, a check is done in the main system to see if a shadow system exists and if the function ID which is being processed requires replaying. If replaying is allowed only for first-time maintenance, then on successful authorization of a new maintenance, the details of the maintenance will be stored in a staging data store to be processed. If replaying is allowed for different operations for the function ID and a shadow system exists, then the details of the modified record are stored in the staging data store in the main system during authorization.

Subsequently, during handoff, these details will be made available in the staging data store in the shadow system. In the shadow system, these details will be processed further and the status of the processing updated in the staging data store at the shadow system.

Refer the Annexure for a list of maintenances that can be replayed in the shadow system

2.5.2 Processing Online Operations

Whenever a new contract is authorized or any other operation is performed on an existing contract, a check will be done in the main system to see if replaying is allowed for both the function ID and the Service/Operation for the function ID. If replaying is allowed, then the contract and operation details of the contract are stored in the staging data store in the main system. This will be moved to the staging data store in the shadow system to be processed further. The processing, however, will be with regard only to the main contract and will not include any linkage maintained for the contract. Subsequently, the shadow system will log the status of the processing in its staging data store.

Refer the Annexure for a list of online operations that can be replayed in the shadow system

2.5.3 Processing Batch Replays

As part of batch processing during EOD, if a shadow system exists, events for which replay is required are populated in the staging data store in the main system and moved to the shadow system in the form of request xmls when replay is triggered. In the shadow system, for modules requiring different GAAP accounting (like FT, CL and TD), events like accrual, provisioning, status change, revaluation will be processed differently. For other events like liquidation, rollover, value dated amendments for these modules, the shadow system will pick up the request xmls from the staging data store for further processing. If a certain event has been unsuccessful in the main system, the event can be replayed in the shadow system only if the data for the event is not available in the staging store in the shadow system.

You can configure the order in which the various batches are to be run in the shadow system. Based on the order specified, the system will process as a normal batch process or replay the request xml or replay the accounting entries for the module.

2.5.4 Processing Accounting Entries

For the PC, RT and DE module accounting entries replay, instead of transactions replay, is done. This is because there is no difference in the GAAP requirements for these modules. The replay is essentially to keep the account balances the same in both the systems. When the accounting entry for a contract is authorized in the main system, if the 'Replay Required' flag is selected, then the accounting entry will be logged into the staging data store to be replayed in the shadow system. These would be populated in the data store of the shadow system when transactions are replayed at the main system. Subsequently, these accounting entries will be processed as single-entry transactions in the shadow system.

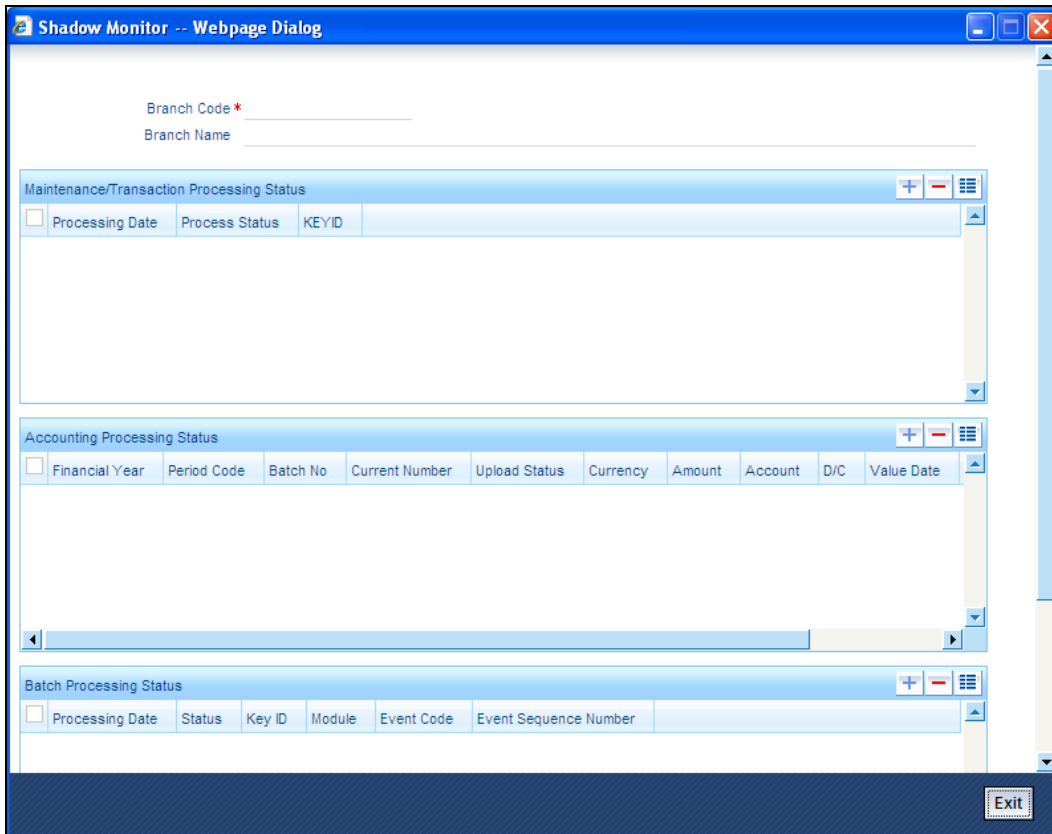


You can replay batches only for those events for which accounting handoff has not been done.

Refer the Annexure for a list of events that can be replayed in the shadow system

2.6 Viewing Replay Processing Details

You can view the data that is pending replay in the 'Shadow Monitor' screen. You can invoke this screen by typing 'STDSHMTR' in the field at the top right corner of the Application tool bar and clicking on the adjoining arrow button.



The system will display the following details:

- Branch Code
- Branch Name
- For Maintenance/Transaction Processing Status
 - Processing Date
 - Process Status
 - Key ID
- For Accounting Processing Status

- Financial Year
- Period Code
- Batch No
- Current Number
- Upload Status
- Currency
- Amount
- Account
- D/C
- Value Date
- Node Serial Number
- For Batch Processing Status
 - Processing Date
 - Status
 - Key ID
 - Module
 - Event Code
 - Event Sequence Number

Click the 'Refresh' button to view the latest details.

2.7 Processing EOD Operations in Main and Shadow Systems

EOD operations need to be run in both the main as well as the shadow systems. The process involves checks in both systems and co-ordination between the two systems. For instance, EOD processing in the shadow schema can start only after EOFI is completed in the main system. Similarly, before each stage of EOD can be run in the shadow system only after the same stage or a later stage in EOD has been completed in the main system. This is explained in detail below.

2.7.1 Processing EOD in Main System

As part of the EOD process in the main system, pre-EOTI checks are carried out which include ensuring that handoff to the shadow system has been completed. After this, when EOTI is marked, the following takes place:

- Running of batch processes
- Populating of staging tables for batch and accounting entries
- Handing off of batch and accounting data to the shadow system

Subsequently, EOFI is marked and a check is carried out as part of post-EOFI process to ensure that the handoff to the shadow schema has been done. Then EOD and date change takes place. When the next stage, marking of BOD, takes place, the following is carried out:

- Running of batch processes
- Populating of staging tables for batch and accounting entries
- Handing off of batch and accounting data to the shadow system

Again in the next stage – Pre TI Checks – a check is carried out to see if the handoff process to the shadow system is completed. On successful completion of the above steps, TI is marked in the main system.

2.7.2 Processing EOD in Shadow System

As part of the EOD process in the shadow system, pre-EOTI checks are carried out which include ensuring that the branch in the main system is in the EOFI stage or any stage later than EOFI. If the check is successful, batch process in the shadow system is executed and batch and handoff data that was handed off to the shadow system is replayed.

Subsequently, EOFI will be marked and pre-EOD checks carried out in which the EOD stage in the main system is checked – it should be EOD or a stage later than EOD. Then EOD is marked and date change is done in the shadow system. After this, during pre-BOD check, again the stage for the branch in the main system is checked. This should be TI stage. If it is, then in the shadow system, BOD is marked during which batch process is run and the data handed off for batch and accounting replayed. After this, TI is marked in the shadow system as well.

2.8 Annexure

The maintenances, online operations, events for batches and accounting entries that are replayed from the main system into the shadow system are listed in this section.

2.8.1 Maintenances

The following are the maintenances that are replayed in the shadow system:

FUNCTION ID	DESCRIPTION	REPLAY_REQD
ACDIBMNT	Interbranch Parameters Maintenance	Y
ACSSTFMT	Account Statement Format Summary	Y
AEDECGRP	End of Cycle Groups	Y
CADAMBLK	Amount Block Input	Y
CADCHBOO	Cheque Book Maintenance	Y
CADLOGBK	Lodgement Book Maintenance	Y
CADSPMNT	Stop Payment Input	Y
CASIBMNT	Inter Branch Currency Wise Parameters Summary	Y
CFDCUMRG	Customer Spread Maintenance	Y
CFDFLTRT	LD MM Floating Rate Input	A
CFSICCFR	ICCF Rule Availability Summary	Y
CLDADCMT	Adhoc Charge Type	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
CLDBKPMT	Retail Lending - Bank Parameters	Y
CLDBPPRF	Bulk Payment Preference	Y
CLDBRPMT	Retail Lending - Branch Parameters	Y
CLDCHKMT	Check List Maintenance	Y
CLDCPNBK	Coupon Book	Y
CLDHOLMT	Holiday Period Maintenance	A
CLDMCRMT	MCR Rule Detail	Y
CLDMCVMT	MCR Values	Y
CLDPOLMT	Policy Maintenance	Y
CLDPRCMT	Product Category	Y
CLDPRMNT	Product	Y
CLDPROMT	Promotions	Y
CLDSDEMT	System Data Elements	Y
CLDUJDCMT	UDE Cascade	Y
CLDUJDRMT	UDE Rule	Y
CLDUJDVMT	UDE Values Maintenance	Y
CODBENFT	Relationship Pricing Benefit Plan-Detailed	Y
CODBENPR	Relationship Pricing Benefit Plan Priority Change	Y
CODCURVT	Customer Relationship Value Tag Code	Y
CODCUSCM	Customer Scheme Manual Linkage-Detailed	Y
CODELPLN	Relationship Pricing Eligibility Plan-Detailed	Y
CODHCUTT	Haircut Maintenance	Y
CODRVMT	Relationship Value Tag Code Maintenance-Detailed	Y
CODSCHME	Relationship Pricing Scheme Maintenance-Detailed	Y
CODSCMST	Customer Scheme Linkage Status Change-Detailed	Y
CODSORCE	Upload Source Maintenance	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
CODUDEM	Relationship Pricing - User Data Elements Maintenance-Detailed	Y
CODUPLDM	Upload Source Preferences Maintenance	Y
CODVARRL	Relationship Pricing Variance Rule Maintenance	Y
CSDACTCL	Events Class Maintenance	Y
CSDPRMNT	Product Definition	Y
CSDPRVCF	Customer Provision Details	Y
CSDPRVGD	Provision Group Details	Y
CSDPRVPF	Provision Portfolio Preferences	Y
CSDPRVPG	Provision Product Mapping	Y
CSDPRVRG	Quality Category Maintenance	Y
CSDPRVRT	Provision Details	A
CSDRELMN	Relationship Maintenance	Y
CSDVALTY	Valuables Type Maintenance	Y
CSDZACOF	Account Officer Code Maintenance	Y
CSDZACTP	Activity Type Maintenance	Y
CSDZPOAO	POA Operations Maintenance	Y
CSDZSECT	Customer Sector Maintenance	Y
CSDZSHGR	Shareholder Group Code Maintenance	Y
CYDCCYLS	Currency Position Details	Y
CYDCCYPO	Currency Position Query	Y
CYDCDEFN	Currency Definition	A
CYDCDENO	Currency Denomination Detailed	A
CYDCPAIR	Currency Pair Maintenance	A
CYDCRTYP	Currency Rate Type Maintenance	A
CYDCUSPR	Customer Currency Spread Maintenance	A

FUNCTION ID	DESCRIPTION	REPLAY_REQD
CYDFWRAT	Forward Rate Input	A
CYDQRATE	Exchange Rates History	A
CYDRATES	Currency Exchange Rates Input	A
CYSFWRAT	Forward Rate Summary	A
DEDBRCON	Journal Entry Branch Parameters Maintenance	A
DEDTVSET	Till & Vault Parameter Maintenance	A
EGSCIDPR	Oracle Code Combination ID Parameters	A
EGSMAPRM	Enterprise GL Mapping Parameters	Y
EIDMANPR	Mandatory Batch Program Maintenance	A
FTDBRMNT	Funds Transfer Branch Parameter	Y
FTDPRMNT	Funds Transfer Product Definition	Y
FTDVDSPR	Value Date Spread Maintenance	Y
GEBFACTL	Facility Batch	Y
GEDACCNT	Account/Contract Balance For Netting	Y
GEDADREV	Adhoc Revaluation	Y
GEDBLOCK	EAR Marking Maintenance	Y
GEDCACHE	Cache Update - Detailed	Y
GEDCOLCA	Collateral Category Maintenance	Y
GEDCOLLT	Collaterals Maintenance	Y
GEDCOLRV	Collateral Reval	Y
GEDCOLTY	Collateral Types Maintenance	Y
GEDCOVNT	Covenant maintenance	Y
GEDCREDIT	Credit Rating Agency Maintenance	Y
GEDCRSCR	Credit Score Maintenance	Y
GEDCULIK	Customer to liability link Maintenance	Y
GEDDAUTH	Multi Authorisation Maintenance	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
GEDEXPBL	Global Exposure Block Maintenance	Y
GEDFACT	Facilities Maintenance	Y
GEDISSUR	Issuer Maintenance	Y
GEDMERGE	Liability Merger Maintenance	Y
GEDMLIAB	Liability Maintenance	Y
GEDMPOOL	Collateral Pools Maintenance	Y
GEDMRGTR	Liability Merger Process	Y
GEDPARAM	Global Exposure Parameter Detail	Y
GEDQFACL	Facility Query	Y
GEDQUEMN	Exception Queue Maintenance	Y
GEDQUTIL	Utilization Query	Y
GEDSECPR	SecuritiesPrice	Y
GEDSECTY	Securities	Y
GEDTAUTH	Transaction Authorize Maintenance	Y
GEDTRANS	Facilities Amount Transfer Maintenance	Y
GEDTREXP	Track Exposure Maintenance	Y
GESACCNT	Summary of Account/Contract Balance For Netting	Y
GESBLOCK	EAR Marking Summary	Y
GESCOLCA	Collateral Category Maintenance Summary	Y
GESCOLLT	Collaterals Maintenance Summary	Y
GESCOLTY	Collateral Types Summary	Y
GESCOVNT	Covenant maintenance Summary	Y
GESCREDIT	Credit Rating Summary	Y
GESCRSCR	Credit Score Summary	Y
GESCULIK	Customer to liability link Summary	Y
GESDAUTH	Multi Authorisation Summary	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
GEEXPBL	Exposure Block Summary	Y
GESFACT	Facilities Summary	Y
GESISSUR	Issuer Summary	Y
GESMERGE	Liability Merger Summary	Y
GESMLIAB	Liability Summary	Y
GESMPOOL	Collateral Pools Summary	Y
GESPARAM	Global Exposure Parameter Summary	Y
GESQCCNV	Collateral Covenants Query	Y
GESQFCNV	Facility Covenants Query	Y
GESQHIA	Liability History Query	Y
GESQLIAB	Liability Query	Y
GESQSLIA	Liability Exposure Query	Y
GESQUEMN	Exception Queue Summary	Y
GESQUTLG	Utilization Log Summary	Y
GESSECTY	Securities Summary	Y
GESTAUTH	Transaction Authorize Summary	Y
GESTRANS	Facilities Amount Transfer Summary	Y
GESTREXP	Track Exposure Summary	Y
GLDBRK	Customer General Ledger Breakup	Y
GLDBRPRM	General Ledger Branch Parameters Maintenance	Y
GLDCHACT	Chart of Accounts Maintenance	Y
GLDCLASS	MIS Class Maintenance	Y
GLDGLLN	GL Central Bank Line Linkage Maintenance	Y
GLDLINE	Reporting Line Maintenance	Y
GLDMISBA	General Ledger MIS Balance	Y
GLDPRDCL	Period Closure Maintenance	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
GLDREP	GL MIS Linkage Maintenance	Y
GLDVWAVG	General Ledger Average Balance	Y
GLDVWBAL	General Ledger Average Balance	Y
GLDVWMBA	General Ledger MIS Balances	Y
GLDWAVBL	Internal GL Statistics	Y
GLDWBAL	GL Balances Query	Y
GLSREP	GL MIS Linkage Summary	Y
ICDBRMNT	Interest & Charges Branch Parameters Maintenance	Y
ICDCALAC	Interest & Charges Single Account Online Calculation	Y
ICDCHONL	Interest & Charges - External Transaction Online	Y
ICDISFM	Interest Statement Maintenance	Y
ICDLIQAC	Interest & Charges Single Account Online Liquidation	Y
ICDOCALC	Interest & Charges Multiple Account Online Calculation	Y
ICDOLIQ	Interest & Charges Multiple Account Online Liquidation	Y
ICDPMNTS	Recurring Deposit Payment Input	Y
ICDPMREV	Recurring Deposit Payments Reversal	Y
ICDPRMNT	Interest & Charges Product Maintenance	Y
ICDRATES	Interest & Charges Rate Input	Y
ICDREDMN	Term Deposits Redemption Input	Y
ICDRLMNT	Interest & Charges Rule Maintenance	Y
ICDSDEM	Interest & Charges System Data Element Maintenance	Y
ICDUDEUL	Interest & Charges User Data Element Amendment	Y
ICDUDVAL	Interest & Charges User Data Element Maintenance	Y
IFDATMMN	ARC Maintenance	Y
ISDBICDI	BIC Code Details	Y
ISDINSTR	Settlement Instructions Maintenance	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
MIDCCODE	MIS Cost Code Maintenance	Y
MIDDLREF	Refinance Rate Input	Y
MIDGLPOL	General Ledger Pool Code Linkage Maintenance	Y
MIDGROUP	MIS Group Maintenance	Y
MIDHEAD	MIS Head Maintenance	Y
MIDPOOLD	MIS Pool Code Maintenance	Y
MIDREFRT	MIS Refinance Rate Input	Y
MISCCODE	MIS Cost Code Summary	Y
MISDLREF	Refinance Rate Summary	Y
MISGROUP	MIS Group Summary	Y
MISHEAD	MIS Head Summary	Y
MISREFRT	MIS Refinance Rate Summary	Y
MODBRPMT	Mortgage - Branch Parameters	Y
MODPRMNT	Mortgage Product	Y
MSDCUSAD	Customer Address Maintenance	Y
MSDINRUT	Message Queue Mapping Maintenance	Y
MSDPRMAP	Message Product Mapping Maintenance	Y
PCDBNKMT	Bank Directory Maintenance	Y
RVDSETUP	Account Revaluation Setup	Y
SMDUSRDF	User Maintenance Detailed	A
STDACCLS	Account Class Maintenance	Y
STDACINS	Account Instruction Maintenance	Y
STDACLMT	Customer Account Tax Allowance Maintenance	Y
STDACLOC	Account Address Location Maintenance	Y
STDACPER	Period Code Maintenance	Y
STDACRAN	Account Range Maintenance	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
STDACTAQ	Customer Tax Allowance Query	Y
STDACUDE	Account Class & Rate Association Maintenance	Y
STDADUPL	KLADR Directories Upload	Y
STDAMTRN	Amount Text Maintenance	Y
STDAPRUL	Account Provisioning Maintenance	Y
STDBANKP	Bank Parameters Maintenance	Y
STDBRANC	Branch Parameters Maintenance	Y
STDBREST	Batch Restriction Maintenance	Y
STDCBCUS	CB Customer Type	Y
STDCCHOL	Currency Holiday Calendar Maintenance	Y
STDCCMNT	Customer Classification Maintenance	Y
STDCIF	Customer Maintenance	Y
STDCIFNM	Customer Name Maintenance	Y
STDCITY	City Type Maintenance	Y
STDCLOSE	Term Deposit Closing Mode Maintenance	Y
STDCOUNT	Country Code Maintenance	Y
STDCSCAT	Customer Category Maintenance	Y
STDCSSEG	Customer Segment Maintenance	Y
STDCULMT	Customer Tax Allowance Maintenance	Y
STDCULOC	Location Maintenance	A
STDCUREL	Customer Linkage Maintenance	Y
STDCUSAC	Customer Accounts Maintenance	Y
STDCUSBL	Customer Account Balance	Y
STDCUSPR	Customer Prefix Maintenance	Y
STDCUSTM	Card Customer Maintenance	Y
STDDATES	System Dates Maintenance	A

FUNCTION ID	DESCRIPTION	REPLAY_REQD
STDDOCTP	Document Type Maintenance	Y
STDDPMNT	Departments Maintenance	Y
STDFLTDS	Float Days Maintenance	Y
STDGEOTY	Geo Area Type Maintenance	Y
STDGRMNT	Group Code Maintenance	Y
STDGROUP	Customer Group Maintenance	Y
STDJOBMT	Job Maintenance	Y
STDLCHOL	Local Holiday Calendar Maintenance	A
STDLEGDR	Legal Form ID Maintenance	Y
STDNTMNT	Netting Agreement Maintenance	Y
STDOKATO	OKATO Maintenance	Y
STDOKVED	OKVED Maintenance	Y
STDPCODE	Process Code Maintenance Detailed	Y
STDPOPTY	Center of Population Type Maintenance	Y
STDPRGRP	Product Group Maintenance	Y
STDREFQU	Referral Queue	Y
STDREGMT	Regions of Russian Federation	Y
STDRELMT	Relation Maintenance	Y
STDRISK	Risk Matrix Detailed	Y
STDRKMNT	Risk Category Maintenance	Y
STDRSKGR	Risk Group Maintenance	Y
STDSRQST	Service Request Input	Y
STDSTCOD	Status Codes Maintenance	Y
STDSTRTY	Street Type Maintenance	Y
STD TAXCD	Tax Inspection Code	Y
STD TAXWV	Tax Waiver Maintenance	Y

FUNCTION ID	DESCRIPTION	REPLAY_REQD
STDTDPAY	Term Deposit Payin Parameters Maintenance	Y
STDTOLMT	Turnover Limit Maintenance	Y
STDTRCOD	Transaction Code Maintenance	Y
STSACLOC	Account Address Location Summary	Y
STSAMTRN	Amount Text Summary	Y
UDDEVMNT	User Defined Events	A
UDDFNMT	User Defined Fields Function Field Mapping Maintenance	Y
UDDRLTAG	Accounting Role and Head Maintenance	Y

2.8.2 Online Operations

The online operations that are replayed in the shadow system are listed below:

Module Code	Operation	Description
FT	AmendFTContract	Amendment of FT contract
FT	CancelFTContract	Cancellation of FT before liquidation
FT	CreateFTContract	Creation of FT contract
FT	LiquidateFTContract	Liquidate FT contract
FT	ReverseFTContract	Reversal of FT contract
FT	AuthorizeFTContract	Authorization of FT Contract
TD	CreateTDAcc	Creation of TD account
TD	TDRedemption	Redemption/liquidation of TD
TD	ModifyTDRollover	Modification of TD
CL	SaveAccount	Creation of new loan account
CL	ModifyAccount	Modify of new loan account
CL	ReverseAccount	Reversal of loan account
CL	AuthAccount	Authorization of Loan account
CL	DelAccount	Deletion of Consumer Lending Account

Module Code	Operation	Description
CL	SaveDisbursement	Disbursement of Loan
CL	AuthDisbursement	Authorization of disbursement
CL	ReverseDisbursement	Reversal of disbursement
CL	SavePayment	settlement of Loan Payment schedule
CL	RevPayment	Reversal of Loan payment schedule
CL	AuthPayment	Authorization of Payment
CL	SaveRollover	Manual rollover of Loan
CL	AuthRollover	Authorization of rollover
CL	SaveVami	Amendment of Loan account
CL	AuthVami	Authorization of amendment
CL	SaveReversal	Reversal of Amendment
CL	SaveCroll	Save Consolidated Rollover
CL	AuthCroll	Auth Consolidated Rollover
CL	ModifyCroll	Modify Consolidated Rollover
CL	SaveSroll	Save Split Rollover
CL	AuthSroll	Auth Split Rollover
CL	ModifySroll	Modify Split Rollover
CL	SaveCLAdhoc	Save Adhoc Charge
CL	AuthCLAdhoc	Auth Adhoc Charge
CL	RevCLAdhoc	Reverse Adhoc Charge
MO	SaveAccount	Creation of new loan account
MO	ModifyAccount	Modify of new loan account
MO	ReverseAccount	Reverseal of loan account
MO	AuthAccount	Authorization of Loan account
MO	DelAccount	DelAccount
MO	SaveDisbursement	Disbursement of Loan

Module Code	Operation	Description
MO	AuthDisbursement	Authorization of disbursement
MO	ReverseDisbursement	Reversal of disbursement
MO	SavePayment	settlement of Loan Payment schedule
MO	RevPayment	Reversal of Loan payment schedule
MO	AuthPayment	Authorization of Payment
MO	SaveRollover	Manual rollover of Loan
MO	AuthRollover	Authorization of rollover
MO	SaveVami	Amendment of Loan account
MO	AuthVami	Authorization of amendment
MO	SaveReversal	Reversal of Amendment

2.8.3 Accounting Entries

The events for which accounting entries will be handed off to the shadow system are given below:

MODULE	EVENT_CODE	EVENT_DESCR
DE	INIT	Input
PC	AGEN	Advice Generation
PC	APPR	Collection Approval
PC	BOOK	Contract Booking
PC	CLOS	Collection Closure
PC	CRCO	Credit Entry Consolidation
PC	CRFX	Credit Exchange Rate
PC	CRLQ	Credit Entry Liquidation
PC	DCLG	Dispatch to Clearing
PC	DRCO	Debit Entry Consolidation
PC	DRFX	Debit Exchange Rate
PC	DRLQ	Debit Entry Liquidation

MODULE	EVENT_CODE	EVENT_DESCR
PC	INIT	Contract Initiation
PC	MISC	Miscellaneous
PC	OPSC	Workflow status change
PC	RDSP	Contract Redispatch
PC	RECL	Collection Recall
PC	REJT	Transaction Rejection
PC	REVP	Post Settlement Reversal
PC	REVR	Contract Reversal
PC	RJBS	Rejection Prior to Inter bank Settlement
PC	XREF	Contract Linkage

2.8.4 Batches

The events that will be replayed as part of batch processing in the shadow system are:

Module Code	Process Name /Event Name	Process Description	Process Name /Event Name In SHADOW
CL	ALIQ	Auto Liquidation	SLIQ
CL	BLIQ	Bulk Liquidation	SBLQ
CL	ROLL	Auto Rollover	SROL
CL	TLIQ	Tank Liquidation	TLIQ
CL	TBOK	Tank Booking	TBOK
CL	TROL	Tank Rollover	TROL
MO	ALIQ	Auto Liquidation	SLIQ
MO	BLIQ	Bulk Liquidation	SBLQ
MO	ROLL	Auto Rollover	SROL
MO	TLIQ	Tank Liquidation	TLIQ
MO	TBOK	Tank Booking	TBOK

Module Code	Process Name /Event Name	Process Description	Process Name /Event Name In SHADOW
MO	TROL	Tank Rollover	TROL
FT	INIT	Forward INIT/liquidation	SNIT
FT	LIQD	Liquidation of drafts	SLIQ

The following events need to have been completed successfully in the main system for them to be processed in the shadow system:

Module Code	Process name /Event Name	Process Description
CL	DSBR	Auto Disbursement
CL	VAMI	Forward Vami
CL	ROCL	CONSOL ROLLOVER
CL	ROSL	SPLIT ROLLOVER
MO	DSBR	Auto Disbursement
MO	VAMI	Forward Vami
TD/IC	ILIQ	Liquidation



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