

Integrated Loans Processing (ILP)

Technical Support

Student Manual

Version 2 Release 0.3

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ILP Technical Support Course Introduction

1

Welcome to the Technical Support training for Integrated Loans Processing within the Hogan suite of banking products.

Prerequisites

By now, you know that ILP as well as other Hogan systems, operate under the technical control and architecture of the Hogan Umbrella system.

This course assumes that you have received prior training in programming under the Umbrella, which include having the following abilities.



Prerequisites

- You know how to:
 - Create a working COBOL program using Umbrella constructs of datagroup and activity
 - Create a working map
 - Create a simple FPS scenario to operate the map
 - Create a simple report under the Umbrella SPS facility.

This course also assumes an awareness of the functionality of the Integrated Loans Processing system, which may have been gained from an ILP Functional class or experience.

Objectives

This course is about applying the Umbrella technology within the context of Integrated Loans Processing. We will learn more about Umbrella, and about the standards and architecture which are uniquely ILP.



Objectives ...

- Know and use standards to ease the technical challenge
- Rapidly locate relevant system defining components for any task
- Know and use the architecture to your advantage
- Work with the system data structure



...Objectives

- Create and Trace ILP FPS Scenarios
- Explore Fundamental Loan Processes
- Understand ILP Batch Processing
- Follow ILP Generation of General Ledger Activity
- Explore ILP Purge and Extract Facilities

Approach

Approach



Exploring and Discovering ILP



Re-enforcing exercises

Agenda



Agenda - Day 1

- Course Introduction
- Standards
- Hogan Systems Browser as Classroom Tool
- Fundamental Architecture - Part 1



Agenda - Day 2

- Fundamental Architecture - Part 2
- Initiating the Loan System



Agenda - Day 3

- Ongoing Loan Processes
 - Monetary Posting
 - Backdating and Checkpoint History
 - Accrual
- End of Loan Processes
 - Rate and Payment Modifiers
 - Billing
 - Delinquency



Agenda - Day 4

- ILP Batch Processes
- Reporting

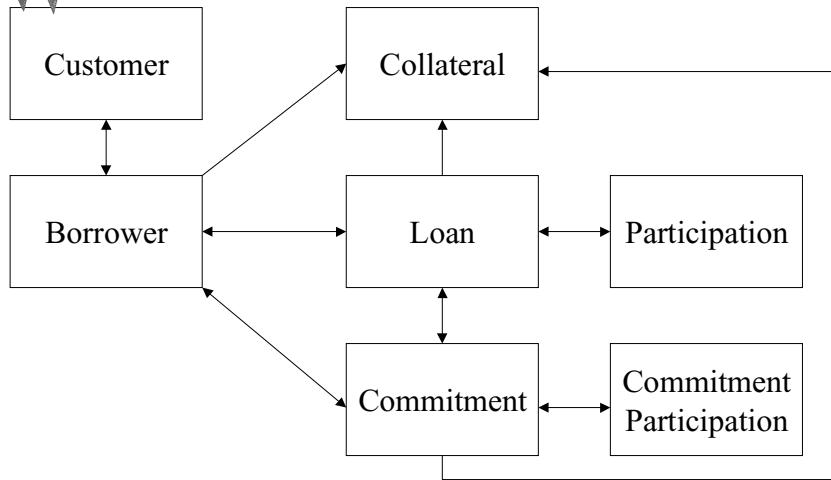


Agenda - Day 5

- General Ledger Warehouse and Interface
- Purging
- Data Extract
- Multi-Stream Batch
- Customization



Your Turn: What are These Things?



ILP Standards

2

Standards provide the means of recognizing system components and processes and making sense of what they are doing, in much the same way that grammar allows us to make sense of a new language. Each variation makes the task of mastering the system more difficult.

Development Naming Standards



Development Standards...

- System Designation letter - L
- Sub System Designation numbers -
 - 10 Consumer/Commercial Loans
 - 12 Recent development and baseline enhancements
 - 17, 20, 29, 50 When shared across subsystems
 - 26 Payee
 - 27 Borrower
 - 28 Collateral
 - 32 Construction Loans
 - 39 Secondary Marketing
 - 41 Mortgage Loan Applications



Development Standards...

- Program Source - Lnnccc where
 - nn is sub system identifier
 - ccc is a number
 - 000-199 for control Programs
 - 200-399 for screen programs
 - 400-999 for others
- Program Definition and Link Activity
 - nnccc corresponding to Program Source
 - except...



Development Standards...

- For Subsystem Identifier 50
 - Program Source L50ccc
 - Program Definition 17ccc
 - Link Activity 17ccc
 - (due to need to conserve the 50ccc range of numbers for use in customization)



Development Standards...

- Copybooks and Macros
 - LnncccD for Copybooks
 - LnncccE for Macros
- Maps - LnncccM
- Datagroups - nnccc, where ccc is
 - 000-299 Program Work datagroup (except for screens)
 - 300-399 Screen Work datagroup
 - 400-599 Database or Database interface
 - 600-699 Miscellaneous



...Development Standards...

- Product Codes (in system and on reports)
 - BOR Borrower
 - CLS Commercial Loans (numeric 1)
 - COL Collateral
 - CMB Combined Billing
 - CMT Commitments (1)
 - CPT Commitment Participation (1)
 - DLR Dealer Loans
 - ...



...Development Standards...

- ...Product Codes (in system and on reports)
 - ILS Consumer Loans (2)
 - LSM Secondary Marketing
 - MLS Mortgage Loan Servicing (3)
 - MLA Mortgage Loan Application (3)
 - PAY Payee
 - PRT Participations (1)
 - XLS Construction Loans

Examples



Examples to Investigate

- Naming of Related Components (as seen through FPS)
- Condition Codes



Naming of Related Components...

- Starting at FPS Control Record
CLSDSET000
 - Notice naming on this record (activities, map)
 - Select Link Activity to see standards there
 - PF10 from there to see program definition standards
 - Select Datagroup 10285 from there to see DG stds
 - Press PF7 to view DG details
 - PF3 all the way back to FPS record



... Naming of Related Components

- Again starting at FPS Control Record
CLSDSET000
 - Select Display Activity
 - PF10 from there to see map definition standards
 - Press PF7 to view map details
 - PF3 all the way back to FPS record and clear



Condition Codes

- Locate an ILP condition code on PCD 1301
 - Notice Application number not used

Standards Exercise



Standards Exercise...

- You are working in the development environment where your work will ultimately be in the base product
- You have been assigned to create map L1086xM (where x is your unique signon digit) Copy map L10181M to this, and also create: link (to program 704, a no-op), display and deblock activities per standards. Use change control number 14.



...Standards Exercise

- Make these changes to the cloned map:
 - Title: CLASS EXERCISE GROUP XXX where xxx is your logon ID
 - Delete the lines from row 3 downward
 - Add include maps L10200A and L10200K to the beginning of rows 3 and 4, respectively.
- Generate and Assemble the Map (we'll add to it later)
- Create FPS entry CLSTC0X where x is your unique logon digit, using your activities. Test the display of the map within ILP.



Principle: Customization Standards

- Customization standards are different!
- Why?
- Example:
 - Activities - 50,000 - 65535 and 50000000 - 99999999
 - Program Source names begin with “X”
- More in the Customization chapter

Hogan Systems Browser Introduction

3

Hogan Systems Browser is a desktop tool for learning, diagramming, and researching Hogan Systems, and is available for license. We will use it in class to learn from it.

Getting Started

Chapter 3: Hogan Systems Browser





Explore ILP with Hogan Systems Browser

- Double-click the Loans System on “Open Browser Files” panel
- Notice standards as expressed in:
 - COBOL program object list
 - Title form of object list
 - Other types of objects
 - Object Diagrams

Object Diagram

Example Object Diagram

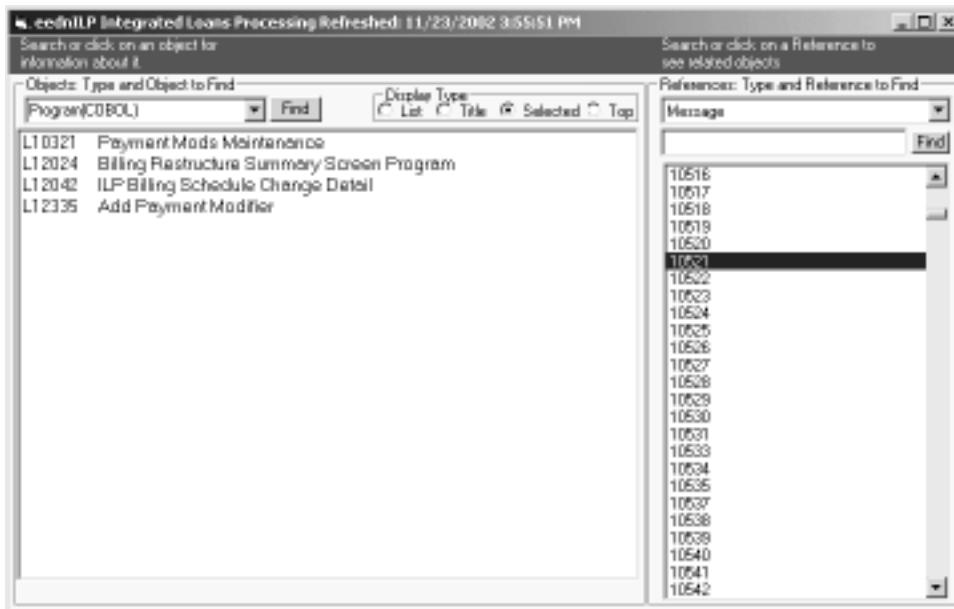


Notice About a Diagram

- Mouse over each object tells what it is
- The Focus Object
- Different Types of Objects
- Clicking on a program
- Clicking on a datagroup, and other object types
- Ability to change focus
- Data flow

Object Reference

Locating Objects by Reference

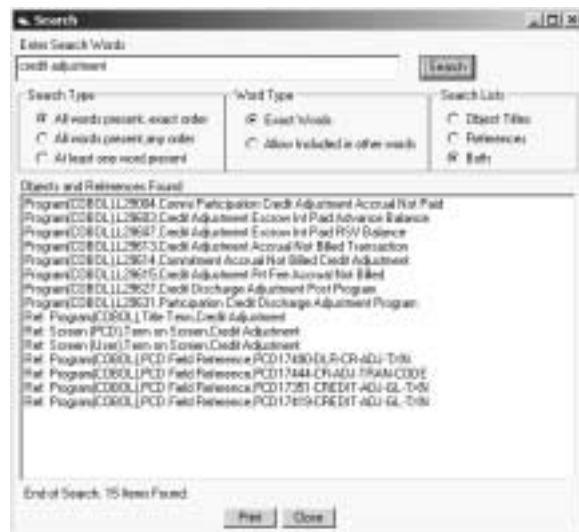


Notice About Locating by Reference

- Various Types of References
- Find
- Display of related Objects
- Click on Related Object to see Object Diagram
- Print

Search Engine

Search Engine



Notice About Search Engine

- Find tags even with abbreviations
- Fields on screens
- Objects of various types
- Click on line item to get more information



HSB Exercise

- You have been asked to research the Reserve Analysis function within ILP. Find out what you can, including the Reserve Analysis
 - Job
 - Transaction
 - Programs
 - Reports

ILP Fundamental Architecture

4

Here we survey the PCDs, Database data, call structure of programs within ILP and other relationships between components to accomplish tasks. We'll use Hogan Systems Browser to see the latest configurations.



Surveying the Land

- Process Control Data
- Database Data
- FPS Scenarios
- Programs
- Transactions
- Jobs

Process Control Data

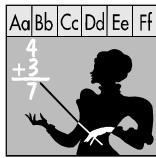
Quick PCD Review



Principle: What We Must Know Now About PCD

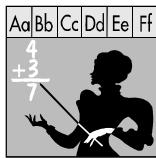
- How to maintain an item - do now if necessary
- Effective dating
- Action Codes (ADD, CHG, DEL, INQ, NXT, NXTE)
- Format Record, with CPRM and XPRM
- Defaulting

Defaulting



Format Level Defaulting Example

		Default Company	Company 1111	Company 1112	Company 1111	Found Record
					Presented Key	
I	Key ABC Value 1		Key ABC Value 5		ABC	ABC Value 5
t	Key DEF Value 2		Key DEF Value 6		DEF	DEF Value 6
e	Key JKL Value 3		Key PQR Value 7		JKL	Not Found
m	Key MNO Value 4		Company 1112		PQR	PQR Value 7
S		No Records			Company 1112	
					ABC	ABC Value 1
					DEF	DEF Value 2
					JKL	JKL Value 3
					PQR	Not Found



Item Level Defaulting Example

		Default Company	Company 1111	Company 1112	Company 1111	Found Record
					Presented Key	
I	Key ABC Value 1		Key ABC Value 5		ABC	ABC Value 5
t	Key DEF Value 2		Key DEF Value 6		DEF	DEF Value 6
e	Key JKL Value 3		Key PQR Value 7		JKL	JKL Value 3
m	Key MNO Value 4		Company 1112		PQR	PQR Value 7
S		No Records			Company 1112	
					ABC	ABC Value 1
					DEF	DEF Value 2
					JKL	JKL Value 3
					PQR	Not Found

Process Control Data in the ILP Environment

Notice PCD in the ILP Environment

- Which are Owned by ILP
- Which FSS PCDs ILP Uses
- Which other PCDs May or May not be Relevant to You
- PCD as Business Parameters
- PCD as Programmatic Data
- PCD Interrelationships

Hogan Systems Browser**Objects:Screen (PCD)**

12/5/2002 2:00:26 PM

1301 Condition Code Processing Data
13121 Processing Group to Region
13183 Disposition Description PCD 13183
13194 Reason Code Description
13198 Account Condition Information
13567 Transaction Code Reject PCD
13668 Product Code Sequence
13671 Stop Pay Processing By Channel
1601 Data Converted From Pcd-id 01601
1602 Data Converted From Pcd-id 01602
1604 Bank External Cycle Codes
1605 Status Code Description
1606 Product Description
1607 Sub Product Description
1616 Product Processing Criteria
1620 ZIP Code Table
1621 Check Digit Calculation
1622 Name and Address Use Code
1625 Account Number Display/Edit Formats
1658 Restraint Process Control
16700 Priority Selection Company Level

16701 Priority Selection Product Level
 16702 Distribution Parameter Selection
 16703 Type Of Collection Account Code
 16704 Monetary System Activity
 16705 Collector Comment Code
 16706 Collector Action Code
 16707 Product Action Code CDMF
 16708 Letter Selection
 1671 Officer Code Definition
 16710 Return Name And Address
 16711 Return Address Code Default
 16712 Restriction Code
 16713 Account Batch Activity & Option
 16715 Requeue Reason Code By Option Product
 16716 System Queue Control
 16717 Promise To Pay Control
 16721 Mix & Match Letter Paragraph
 16723 Automatic Letter Generation
 16751 Product Grouping By Collector
 16790 Archive/history Parameter
 1685 Data Converted From Pcd-id 01685
 1695 Miscellaneous Bank Control Data
 1696 Pcd-id 01696 Country Code Information
 1699 Transaction System Floating Base Rates
 17313 LPS - Financial Transaction Alternate
 17350 Commitment Participation Process Control
 17351 LPS - Commitment Participation Transaction Code
 17355 IRS 1098 Processing Option
 17358 Delinquent Action Level
 17359 Delinquent Action Level
 17360 Ready Credit Option
 17361 Cpt/prt Institution Information
 17362 LPS - Ready Credit Option Alternate
 17363 Backup Withholding Type Data
 17365 Extension/due Date Change Control
 17366 Extension Due Date Alternate View
 17380 LPS - FHA Prefix Validation Code
 17381 LPS - FHA Suffix Validation Code
 17384 LPS - Pending Ins Disburse Control Parameter
 17385 LPS - Pending Insurance Disburse
 17387 FHA235 Processing Option
 17390 Checkpoint Processing Variable
 17395 Transaction History Purge Processing Control
 17399 LPS - Transaction Code - PCD 17399
 17402 LPS - Transfer To Service
 17403 ILP - Billing Message PCD 17403
 17404 LPS - Report Frequency
 17405 LPS - State/county Code
 17406 LPS - Trustee Name & Address
 17407 LPS - Product Code
 17408 Rate Ceiling Change Frequency
 17409 LPS - Comptroller' Call Code
 17410 LPS - Reserve Analysis Option
 17411 LPS - Reserve Analysis - Tax Increase P
 17412 ILP Reserve Analysis - MCI Chg

- 17413 LPS - Financial Transaction Criteria
- 17414 LPS - Financial Transaction Alternate
- 17415 LPS - Reserve Advance Criteria By Investor
- 17416 LPS - Reserve Analysis - Status
- 17417 ILP - Reserve Advance - By State
- 17418 LPS - Financial Transaction Documentat'n
- 17419 LPS - Commitment Transaction Code
- 17420 LPS - Audit Confirm By Company
- 17421 LPS - Audit Confirmation Control
- 17422 ILP - Audit Confirmation Activity
- 17423 LPS - Audit Confirmation By Branch
- 17424 LPS - Audit Confirmation By Cost Center
- 17425 LPS - Audit Confirmation By Account Number
- 17426 LPS - Audit Confirmation By Loan Type
- 17427 LPS - Audit Confirmation By Loan Purpose
- 17428 LPS - Audit Confirmation By Investor Identify
- 17429 LPS - Index Rate Change Control
- 17430 LPS - Commitment Processing Control
- 17431 ILP - Loan Type
- 17432 LPS - Loan Report Control
- 17433 LPS - Commitment Report Control
- 17434 LPS - Billing Amount Control
- 17435 LPS - Loan Purpose
- 17436 LPS - Loan Sub-purpose
- 17437 LPS - Collateral Code
- 17438 LPS - Comptroller Call Code
- 17439 S.i.c. Code
- 17440 LPS - Risk Code
- 17441 LPS - Late Charge Variable
- 17442 LPS - Commitment Rate Data
- 17443 LPS - Membership Code
- 17444 LPS - Calculation Code
- 17445 LPS - Internal Product Code Control
- 17446 LPS - Product Code
- 17447 LPS - Rebate Calculation Code
- 17448 ILP - Credit Bureau Report Activity
- 17449 LPS - Loan Class
- 17450 LPS - Fee Calculation Data
- 17451 ILP - Defer Method Code PCD 17451
- 17452 LPS - Participation Sold Processing
- 17453 LPS - Company Option
- 17454 LPS - Rate Calculation Code
- 17455 LPS - MASS Officer Change Data
- 17456 LPS - Rate Change
- 17457 LPS - Indirect/direct Loan Data
- 17458 Credit Score Override Reason
- 17459 LPS - Post Transaction Code
- 17460 LPS - Corporation Name And Address
- 17461 LPS - Bank Division
- 17462 LPS - Branch Division
- 17463 LPS - Branch Region
- 17464 LPS - Department Address Pcds
- 17465 LPS - Lending Region
- 17466 LPS - Transfer Cost Center
- 17467 LPS - Lending Policy Participation

17469 Daily Rate Quote
 17470 LPS - Environment Driver
 17471 LPS - Post Sequence
 17472 LPS - Database Inquiry Driver
 17473 LPS - Lending Policy
 17474 LPS - Lending Policy Key Definition
 17475 LPS - Lending Policy Key Identification
 17476 LPS - End Of Account Processing
 17477 LPS - Lending Policy Participation
 17479 LPS - Payment Modifier Default Data
 17480 LPS - Credit Scoring - Item To Score
 17481 LPS - Credit Scoring - Item Values
 17482 LPS - Build Sort Key Control
 17483 ILP - Build Sort Key Control
 17484 LPS - Insurance Default
 17485 LPS - Variable Report Sequence
 17487 LPS - Rate Increment Values
 17488 LPS - Valid Data Range
 17489 LPS - Automatic Payment Option
 17490 LPS - Dealer Class
 17491 Guaranteeing Institution Default
 17492 Report Range Control
 17493 LPS - School Code
 17494 Force Pay Tax Option
 17495 LPS - Rate Change Limit
 17496 LPS - Payment Change Limit
 17497 LPS - Insurance Default
 17498 ILP - Billing Default - Commitment
 17499 General Ledger Balancing Report Control Print
 209501 Transaction Warehouse Load Processing
 210650 ILP Batch Add Model Loan
 210660 Recast/renewal Balance Default
 210661 Recast Transaction And General Ledger Code
 210671 Renewal Transaction And General Ledger Code
 210678 Loan Rate Modifier
 210679 ILP - Loan Rate Automatic Payment (alt - 210678)
 210680 ILP - Loan Rate Automatic Payment (alt - 210678)
 210682 Capitalization Default
 210691 Renegotiate Debt Transaction Code
 210698 ILP Billing Default
 210800 IRS Identifiable Event
 220012 ILP - Dealer Status Definition (alt - 17490)
 220601 LPS - Fee Calculation Data Alternate
 220603 Account Based Message
 220604 General Ledger Type Code Indicator
 220605 Financial Transaction Description
 220606 Troubled Debt Control
 220607 Troubled Debt Post
 220608 Prepayment Penalty
 220609 Purge Option
 220611 Post Of Captured Item Control
 220612 Analysis Report Control
 220613 Payoff/nsf
 220614 Autopay Notice Message
 220615 Fund Transfer Data

220616 Dealer Statement Identifier
 220617 ILP - Product Code 2 (alt - 17407)
 220618 Disburse & Rebate
 220619 Credit Bureau Report Data - Metro Format
 220620 Customer Transaction Recap Charge
 220621 Insurance Collateral Report Control
 220622 Insurance Performance Report Control
 220623 Report Code
 220624 Membership Charge Waive Code
 220625 Accelerated Billing Code
 220626 Rate Reduction Code
 220627 Customized Letter Text
 220628 MASS Post Control
 220629 Transaction Total Description
 220630 OCS Statuses
 220631 Valid Sub-status
 220632 Bulk Loan Transfer Account Select Criteria
 220633 Bulk Loan Transfer Account Mapping Criteria
 220634 Fixed/capped Interest Rate Index
 220636 ILP - Payoff Status (alt Of 17431)
 220637 LPS Commitment Proces Control - Alter
 220638 Maintenance History Display Parameter
 220639 Maintenance History Purge Processing
 220640 Fee Tier Structure; Cpt/cmt
 220651 Cashback Nominated Account Validation
 220652 Cashback Control
 220653 Float Day
 220654 Commitment Processing Control Alternate
 220660 Integrated Product Transaction Code
 220690 ILP - Dealer Buydown (alt - 17490)
 220718 Dealer Guarantee Over Advance
 24180 CIS Relationship Codes
 24181 CIS Product Code Control Data
 24182 CIS Non-Relationship Codes
 24183 Data Converted From Pcd-id 24183
 24184 CIS Cross Company Authorization
 24185 CIS Product Sequence for Combined Statements
 24186 CIS File Location of Product Codes
 24187 CIS Relationship Codes Product Edit
 24194 Customer Aging Parameter
 24195 Australian Taxation Office Tfn/type Description And Batch Expiry Parameter
 24196 CIS Account History Parameters
 24197 Pcd-id 24197 Privacy Code Definition
 2507 Branch Region Assignment
 2509 SIC/Occupation Description (DDA/TDA)
 2510 Name/Address User Data (DDA/TDA)
 2512 Restraint Charge
 2519 Branch Merge Criteria
 2522 Country Code
 2549 Audit Confirmation Process Activities
 2550 Audit Confirmation Banks to be Selected
 2551 Audit Confirmation Control Information
 2596 Regions Description
 26401 ILP Payee Default Pcd-id 26401
 27400 Borrower Batch Processing Option

27401 Borrower Database Read Activity PCD 27401
27402 Borrower Credit Review Report Selection
27403 Bankruptcy Type Code
27405 Borrower Classification Code PCD 27405
28400 Collateral Report Required Data
28441 Collateral Tax Authority PCD 28441
28442 Collected Default Tax Processing Control
28444 Collected Tax Service Report Option
28450 Collected PCD 28450 - Pricing Run Control
28451 Data Converted From Pcd-id 28451
28460 Collected - Tickler Type Description PCD 28460
28461 Collected - Collateral Tracking Code
28462 Collected - Collateral Disposition Code
28463 Collateral Exception Code
28464 Collateral Exception Severity Code
28470 Collateral Flood Letter Text
28475 Collateral Vin Lookup PCD 28475
30513 User Interface Option
32400 XLS - Cost Item Default Data
32401 XLS - Disburse Method Default
32402 XLS - Milestone Default Data
32403 XLS - Company Option Data
32404 XLS - Inspection Item
35400
35403
36300 FSS - Warehouse Activity Selection
37200 Application Currency Control
37210 Currency Definition
37220 Currency Exchange Rate
37230 Currency Points / Fees
37500 Payment System - Payment Definition
38051 Input Transaction Code To FPS Path
38055 Cross Company Authorization/option
38099 Value Added Tax (vat) Rate
38162 Metro Credit Bureau - File Header Information
38400 Prd-app-family Control
38403 Language Code Description
38701 Relationship Definition
38702 Hierarchy Type Definition
38703 Hierarchy Type Definition
38900 SIM Integration Control
38910 Application Event Broadcast Control Flag
38920 Application Event Broadcast Registry
39405
39410
39412
39415
39416
39417
41401 Mla - Property Type
41402 Mla - Property Right
41405 Mla - Blanket Insurance Data
41414 Mla - Qualification Criteria
41415 Mla - Company Option
41416 Mla - Employer Special Program

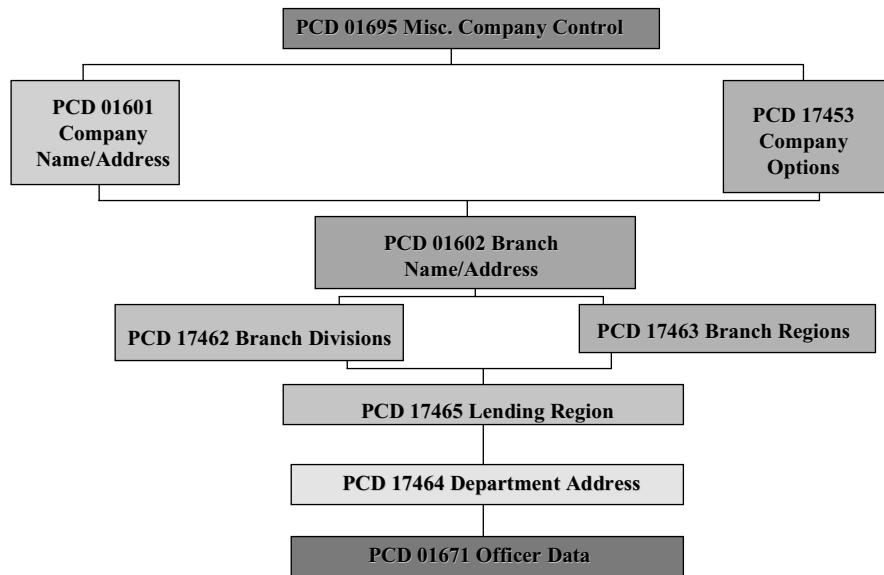
41417 Mla - Available Document
41422 FSS - Warehouse Activity Selection
41424 Mla - Unique Loan
41426 Mla - Pmi/fha/va Insurance Data
41428 Mla - FHA One Time Mip Factor
48322 Umbrella Product Control Record
48344 Hier. Db. Site Db/dg Exclude List
51620 Pcd-id 51620 City Information
5980 Data Converted From Pcd-id 05980
5981 Data Converted From Pcd-id 05981
8001 Data Converted From Pcd-id 08001
8007 24 Hour Processing
8018 Deposits Dynamic Environment Processing Control
8495 Data Converted From Pcd-id 08495
8843 Data Converted From Pcd-id 08843
8844 Data Converted From Pcd-id 08844
8845 Data Converted From Pcd-id 08845
9245 Transaction Reason Code Description PCD 9245
9280 OTP Company Control
9281 OTP Input Defaults
9282 OTP Type / Class Defaults
9283 OTP Release Processing
9999 Data Converted From Pcd-id 09999



Organization and Product Definitions

- Bank
- Branch
- Other Bank Units
- Lending Policy
- Products

PCD Organizational Hierarchy



Principles:

- Branch is required, though Branch 00000 in Default company may suffice
- Department is required, though Department 00000 in Default company may suffice
- Lending Region is required, though Lending Region 00000 in Default company may suffice



Survey Organization PCDs

- Notice:

- Many shared across applications
- 1695 Loans Online Processing set to L, Base Currency
- 17453 ILP Company options
- 1602 Branch usually within Company
- 17462, 17463 Keys of branch Divisions and Regions
- 17464 Department and 1671 Officer (add self as officer if new to PCD)



Lending Region

- Not Necessarily related to geography
- A bank defined way to classify loans for processing purposes
- Example: may serve to identify retail loans vs. others



Notice About Lending Region

- Participates in the key of many PCDs, allowing differentiating those PCD's by lending Region

PCDs Influenced By Lending Region

Hogan Systems Browser

12/10/2002 9:36:12 AM

Reference Type:

Reference: Lending Region

17350	Commitment Participation Process Control
17360	Ready Credit Option
17362	LPS - Ready Credit Option Alternate
17365	Extension/due Date Change Control
17366	Extension Due Date Alternate View
17403	ILP - Billing Message PCD 17403
17429	LPS - Index Rate Change Control
17430	LPS - Commitment Processing Control
17431	ILP - Loan Type
17441	LPS - Late Charge Variable
17442	LPS - Commitment Rate Data
17443	LPS - Membership Code
17450	LPS - Fee Calculation Data
17451	ILP - Defer Method Code PCD 17451
17452	LPS - Participation Sold Processing
17454	LPS - Rate Calculation Code
17456	LPS - Rate Change
17465	LPS - Lending Region
17474	LPS - Lending Policy Key Definition

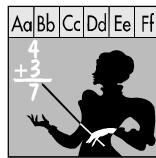
17475 LPS - Lending Policy Key Identification
17484 LPS - Insurance Default
17495 LPS - Rate Change Limit
17497 LPS - Insurance Default
210678 Loan Rate Modifier
210679 ILP - Loan Rate Automatic Payment (alt - 210678)
210680 ILP - Loan Rate Automatic Payment (alt - 210678)
220601 LPS - Fee Calculation Data Alternate
220604 General Ledger Type Code Indicator
220608 Prepayment Penalty
220613 Payoff/nsf
220618 Disburse & Rebate
220620 Customer Transaction Recap Charge
220624 Membership Charge Waive Code
220626 Rate Reduction Code
220627 Customized Letter Text
220632 Bulk Loan Transfer Account Select Criteria
220633 Bulk Loan Transfer Account Mapping Criteria
220634 Fixed/capped Interest Rate Index
220636 ILP - Payoff Status (alt Of 17431)
220637 LPS Commitment Proces Control - Alter
220640 Fee Tier Structure; Cpt/cmt
220654 Commitment Processing Control Alternate



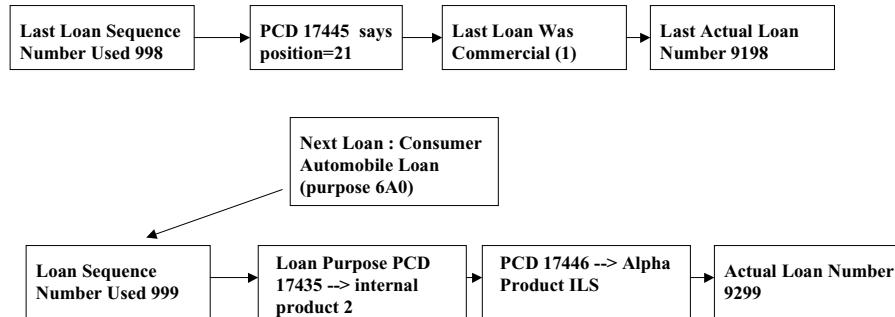
Survey Other Code PCDs

- Notice:

- 2522 Country Codes (US 00840)
- 37210 Currency Codes (within CUR system)
- Product Code
 - 17407 Alpha (Governs product processing)
 - 17446 Internal (Find Alpha based on internal within loan)
 - 17445 Product Code Digit (Where internal code is in loan number)
- Loan Purpose
 - 17435 Contains Internal Product Code to default into loan



Loan Number Assignment



Product Code From Loan Number



Objects: (row, column) 12/10/2002 1:41:56 PM

(1,1) CLSPRAP Participation History Recap Screen
(1,2) CLSPSET CLS Participation Float Rate
(1,3) CLSLBNK Loans Put In Bankruptcy Request
(1,4) CLSRBNK Loans Outstanding Of Bankruptcy Request
(1,5) CLSCSET Select Commitment Setup
(1,6) CLSANBA CLS Adjustment Accrual Not Billed
(1,7) CLSANPT CLS Allocate Payment No Participation
(2,1) L10125 Participation History Recap Program
(2,2) L10220 Participation Sold
(2,3) L10224 Loan Bankruptcy Status Change
(2,5) L10238 Commitment Rate Mod
(2,6) L10250 CLS \$ Post Screen Post Screen
(3,1) L50013 Get Product Code
(3,2) 17445 Product Code Indicator PCD
(3,3) 17446 PCD 17446
(4,2) Datagroup: 1 P49000D User TCB
(4,3) 13530 Account # Edit Wk Area
(4,4) Datagroup: 1452 I57101D PCD Control Block
(4,5) 17013 LPS Loan Number Work
(7,1) CP!U50530?

Fundamental FPS



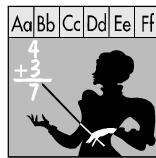
Principle: What We Must Know Now About FPS

- What FPS does for the user
- How to read an FPS “program”
- Independence of screen functions



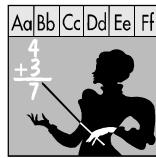
Principle: What FPS Does for the User

- Multiple Conversations
- Multiple Processing Levels
- Security
- Help
- PF Keys



FPS Conversation Record Example

		ACTION SUCCESSFUL
COMMAND --> INQ		FPS CONVERSATION CONTROL
APPLICATION	FUNCTION	SEQUENCE
CLS	DSET	000
*		OWNER --> ILP.CC# -->
		EFFECTIVE DATE --> 1978/01/01
		COMPANY -----> DFLT
* SCREEN ID --> DSET		DESCRIPTION --> CLS - DLR SET UP
DISPLAY FIRST? -----> N		
DISPLAY ACTIVITY ----->		10683 L10285M DISPLAY L10285MA
DEBLOCK ACTIVITY ----->		10483 L10285M DEBLOCK L10285MA
LINK ACTIVITY ----->		10285 DLR MAINT
ESTABLISH NEW LEVEL -->		
EXEC/BRANCH KEY ----->		
INIT ACTIVITY/TYPE -->		
EFS ACTION ----->		1
EFS KEY ----->		31028500
HIGH USE ----->		N
USER ENVIRONMENT ----->		
STATUS CODES (1-5) -->		: : : :
SECURITY LEVEL ----->		
CHG:DATE 1985/08/21 TIME 10.16.46 CC# 10000 SRCE ILP200 OPER KHS		
GEN:DATE 1999/11/15 TIME 10.05.01 CC# SRCE JHM23 OPER JHM		
PF: 4-CHG 5-ADD 6-INQ 7-COND 8-COND 9-NEXT 10-#SET 11-KEYS ..-GEN ..-CPY ..-DEL		



FPS Conversation Record Conditions Sample

		ACTION SUCCESSFUL
COMMAND --> INQ		FPS CONVERSATION CONDITION CODES
APPLICATION	FUNCTION	SEQUENCE
CLS	DSET	000
*		OWNER --> ILP.CC# -->
		EFFECTIVE DATE --> 1978/01/01
		COMPANY ID -----> DFLT
* COND-CODE ACTION DESCRIPTION COMMON RESULT FOR MSG?		
10001 100 GO TO RATE SET UP		
ELSE DSP DISPLAY MESSAGE		Y
CHG:DATE 1985/08/21 TIME 10.16.46 CC# 10000 SRCE ILP200 OPER KHS		
PF: 3-PLVL 4-CHG 6-INQ 7-SB 8-SF		



Principle: The FPS Scenario as a Program

- Actions (such as displaying, deblocking, and linking)
- Conditional Logic determining the next Actions
- Interactive - the User provides input *during* the FPS program



Principle: Independence of Screen Functions

- A screen processing program does not know what the next process will be.
- Only responsible for identifying *what happened* by setting a condition code

FPS in the ILP Environment

Notice About ILP FPS Scenarios

- Many
- Layering of Scenarios
- Standards

Hogan Systems Browser

Objects:FPS Scenario
12/5/2002 2:06:24 PM

BORBANA	Borrower Account Activity Analysis
BORBCSM	Borrower Credit Status Maintenance
BORBILM	Borrower Indirect Liability
BORBMRH	Bmhr Maintenance History Recap Screen
BORBPTR	Borrowers Pointers Inquiry
BORBRAX	Borrower Locate Inquiry
BORBRAY	Borrower Locate Branch From Lilm
BORBRBP	Business Principals Inquiry Maintenance
BORBRBR	Borrower Relationship Inquiry Maintenance
BORBRCB	Co Borrower Setup Inquiry Maintenance
BORBRCP	Collateral Pointers Inquiry
BORBRCS	Non Business Borrower Credit Score Inquiry Maintenance
BORBRDL	Direct Liability Inquiry
BORBRFD	Financial Disclosure Inquiry Maintenance
BORBRIL	Indirect Liability Inquiry Maintenance
BORBRMD	Multi Default Inquiry Maintenance
BORBRME	Major Entities Inquiry Maintenance
BORBRNB	Non Business Borrower Setup Inquiry Maintenance
BORBRPF	Borrower Profile Inquiry
BORBRPT	Borrower Report Request Screen
BORBRS1	Borrower Setup Inquiry Maintenance #1
BORBRS2	Borrower Setup Inquiry Maintenance #2
BORBRSC	Borrower Credit Report

BORBRSL	Student Loan Inquiry Maintenance
BORBSET	Borrower Setup Inquiry Maintenance #1
BORBSNM	Change Borrower Short Name
BORPROP	Data Propagation
CDS\$TIE	Transaction Control To CIS
CDSCMBC	CDS CMBC Screen
CDSCOMB	CDS Combine Screen
CDSFTFR	CDS FTFR Screen
CDSMENU	CDS Menu Screen
CDSPCSC	CDS PCSC Screen
CDSRPCMC	CDS Rpmc Screen
CDSRPMR	CDS Rpmr Screen
CDSTARG	CDS Target Screen
CDSTRIG	CDS Trigger Screen
CIS\$KEY	CIS Key Build Test Screen
CIS\$OLC	CIS O L Customer Combine File Build Screen
CISACAC	CIS 0 Account To Account Relations
CISACAL	CIS 0 Account Address List
CISACCU	CIS 0 Account To Customer Relations
CISACDE	CIS 0 Account Profile Service Generate Inquiry
CISACDT	CIS 0 Account Detail Generate Inquiry
CISACHI	CIS 0 Account Hierarchy Internal Transfer
CISACHS	CIS 0 Account Historical Maintenance
CISACMN	CIS 0 Account Maintenance
CISACPR	CIS 0 Account Profile Service Generate Inquiry
CISACR1	CIS 0 Account Setup Report
CISACRE	CIS 0 Account Relationships
CISACRM	CIS 0 Account Remarks Setup Maintenance
CISACRP	Cis0 CIS Account Profile
CISACRV	CIS 0 Account Profile
CISACSU	CIS 0 New Account Setup
CISACTI	CIS 0 Customer Account Title Maintenance
CISADAC	CIS 0 Address Accounts
CISADCO	CIS 0 Address Comiine
CISADCU	CIS 0 Address Customers
CISADLO	CIS 0 Address LOC Service Generate Inquiry
CISADMN	CIS 0 Address Setup
CISADPR	CIS 0 Address Profile Service
CISADRE	CIS 0 Address Relationships
CISADSE	CIS 0 Address Separate
CISCISX	CISX Secondary Parameter Maintenance
CISCONT	Exit CIS Return To Borrower
CISCUAA	CIS ATO Customer To Act Address Relationship
CISCUAC	CIS 0 Customer To Account Relations
CISCUAD	CIS 0 Customer Address Maintenance
CISCUAI	CIS 0 Customer List
CISCUAL	CIS 0 Customer Address List
CISCUAT	CIS 1 Customer Account Title Maintenance
CISCUBA	CIS 0 Customer Balance Inquiry
CISCUBE	CIS 0 Customer Balance Equivalent
CISCUBK	CIS 0 Customer Bank Rel Service
CISCUBS	CIS Customer Balance Sheet Setup Maintenance
CISCUCD	CIS 0 Customer Contacts Setup Maintenance
CISCUCO	CIS 0 Customer Combine
CISCUCU	CIS 0 Customer To Customer Relations

CISCUDE	Customer Key Field Description
CISCUFF	CIS Customer To Officer Role
CISCUHD	CIS 0 Customer Hierarchy Display
CISCUHI	CIS 0 Customer Account Hierarchy
CISCUHM	CIS Customer Hierarchy Maintenance
CISCUID	CIS 0 Customer Identifier Phone Data
CISCULO	CIS 0 Customer LOC Service Generate Inquiry
CISCUMI	CIS 0 Customer Miscellaneous Data Generate Inquiry
CISCUMN	CIS 0 Individual Customer Maintenance Generate Inquiry
CISCUOF	CIS 0 Customer Act Officer Maintenance
CISCUOR	CIS Customer To Organization Role
CISCUPC	CIS 0 PCS Customer Maintenance
CISCUPL	CIS 1 Customer To Plastic Relations
CISCUPR	CIS 0 Individual Customer Profile Generate Inquiry
CISCUR1	CIS 0 Customer Setup Report
CISCURE	CIS 0 Customer Relationships
CISCURL	CIS Customer To Customer Role
CISCURM	CIS Customer Remarks Setup Maintenance
CISCURP	CIS 0 RPM Customer Maintenance
CISCURS	CIS 0 Customer Account Restraint
CISCUSE	CIS 0 Customer Separate
CISCUSG	Segmentation Classification
CISCUSU	CIS 0 Individual Customer Setup
CISCUWH	CIS 0 Customer Withholding
CISEXIT	Exit CIS Go To Borrower
CISGPSU	CIS 0 General Purpose Setup
CISHHCO	CIS 0 Address Combine
CISHHCU	CIS 0 Household Customers
CISHHHH	CIS 0 Household To Household Relations
CISHHLO	CIS 0 Household LOC Service Generate Inquiry
CISHHPR	CIS 0 Household Profile Service
CISHHRE	CIS 0 Household Relationships
CISHHRM	CIS Household Remark Setup Maintenance
CISHHSE	CIS 0 Household Separate
CISMEN1	CIS 0 Menu No One
CISMEN2	CIS 0 Menu No Two
CISMEN3	CIS 0 Menu No Three
CISMEN4	CIS 0 Menu No Four
CISMEN5	CIS 0 Menu No Three
CISMEN6	CIS 0 Menu No Six
CISMENU	CIS 0 Menu No One
CISOLCC	CIS 0 Customer Combine
CISOLFF	CIS 0 Relationship Fixer
CISOLSF	CIS 0 Online Scrub Fixer
CISPDC0	24180 Help Screen
CISPLCU	CIS 0 Plastic To Customer Relations
CLS3202	Print Partial Reconveyance
CLS3203	Print Tax Contract Memo
CLS3204	Print Full Reconveyance
CLSAEIN	Add Can Ren As Earned Ins
CLSAIPA	Adjustment Escrow Advance Int Paid
CLSANBA	CLS Adjustment Accrual Not Billed
CLSANPT	CLS Allocate Payment No Participation
CLSAPMT	CLS Autopayment Maintenance
CLSAPPF	Prepaid Fee Post

CLSAPPI	Prepaid Interest Post
CLSAPPN	Prepaid Insurance Post
CLSAPPT	CLS Allocate Participation Payment Spread
CLSAPRC	Waive Pending Rate Change
CLSAPST	CLS Allocate Spread
CLSASMP	Assumption Setup Screen
CLSBCTL	CLS Batch Control Record
CLSBNPA	CLS Adjustment Billed Not Paid
CLSBPWA	Backup Withholding Adjustment
CLSBRDP	MLS XLS Post Reserve Deposit
CLSCALC	Allocate Payment To Chg Off St
CLSCAPA	Manual Anb Capitalization
CLSCAPB	Manual Bnp Capitalization
CLSCAPC	Charge Capitalization Adjustment
CLSCAPI	CLS Loan Capitalization Information
CLSCAPM	Capitalization Maintenance
CLSCBAI	CLS Commit Balance Activity
CLSCBLI	CLS Commit Billing Information
CLSCCHR	CLS Commit Charge Pymts
CLSCCLO	CLS Commitment Close Transaction
CLSCD1I	CLS Commit Demographics
CLSCDEI	CLS Commitment Demographics Code
CLSCDEM	CLS Commitment Demographics Code Maintenance
CLSCDII	CLS Commit Delinquent
CLSCDIM	CLS Commit Delinquency Maintenance
CLSCEXI	CLS Commit Exceptions
CLSCEXM	CLS Commit Exceptions
CLSCFAI	Commitment Fee Inquiry
CLSCFCI	CLS Commit Fee Charge
CLSCFEM	Commitment Fee Add Cancel
CLSCFWR	Commitment Fee Waiver Reversal
CLSCFWV	Commitment Fee Waiver
CLSCFYI	CLS Participation Fiscal Year End
CLSCGAD	Capital Grant Advance
CLSCGEN	CLS Commit General Inquire
CLSCHDR	Chdr Maintenance History Recap Screen
CLSCILI	CLS Commitment Indirect Liability Inquiry
CLSCILM	CLS Commit Indirect Liability
CLSCINV	Combine Billing Detail Inquiry
CLSCLCI	CLS Commit Letter Of Credit
CLSCLCM	CLS Comm Letter Of Credit
CLSLCLI	Commit To Loan Pointer Inquiry
CLSCMBC	Combine Billing Payment Capture
CLSCMBL	Combine Billing Inquiry Maintenance
CLSCMCB	Commitment Combine Billing Act
CLSCNBA	Comm Accrual Not Billed Adjustment
CLSCNPA	Comm Billed Not Paid Adjustment
CLSCOE1	Assess Charge Off Expense One
CLSCOE2	Assess Charge Off Expense Two
CLSCOE3	Assess Charge Off Expense Thre
CLSCOE4	Assess Charge Off Expense Four
CLSCOE5	Assess Charge Off Expense Five
CLSCOF2	Charge Off Prior Years
CLSCOF3	Charge Off Expense Summary
CLSCOFF	LPS Loan Charge Off

CLSCOFI	LPS Charge Off Inquiry
CLSCOFM	LPS Charge Off Maintenance
CLSCPAY	LPS Loan Payoff Cancellation
CLSCPMT	CLS Charge Payments Screen
CLSCPST	Commitment Post Screen
CLSCRCH	CLS Commitment Rate Change Transaction
CLSCREI	CLS Commit Recap Inquire
CLSCRFI	CLS Commit Rate And Fee
CLSCRMI	CLS Commit Rate Modify
CLSCRMM	CLS Commit Rate Mod Maintenance
CLSCSAI	CLS Commit Sub Allocate Borrower
CLSCSAM	CLS Commit Sub Borrower
CLSCSET	Select Commitment Setup
CLSCSUI	CLS Commit Subsidiary
CLSCUPN	CLS Coupon Book Request Screen
CLSCWAV	CLS Charge Waiver
CLSDADJ	Dealer Release Adjustment
CLSDATA	ILP Data Gathering Only Transaction
CLSDBIL	Delete Expired Billing Schedule
CLSDCBI	CLS Chargeback Reserve Inquiry
CLSDCBK	CLS Dealer Reserve Charge Back
CLSDCBM	CLS Chargeback Reserve Maintenance
CLSDDBT	CLS Full Debt Discharge
CLSDDEP	CLS Dealer Reserve Deposit
CLSDDMI	CLS Dealer Demographics
CLSDLCS	Demand Loan Call Screen
CLSDLHI	Dealer Loan History Inquiry
CLSDMHR	Dmhr Maintenance History Recap Screen
CLSDOCI	CLS Loan Documents Inquiry
CLSDOCM	CLS Loan Documents Maintenance
CLSDR1I	CLS Dealer Reserve Rate
CLSDRAP	Dealer Transaction History Inquiry
CLSDRBI	CLS Dealer Reserve Balance MTD
CLSDRRLS	Release Dealer Reserve
CLSDRRRI	CLS Dealer Reserve Rate
CLSDRTM	CLS Dealer Rate Setup Maintenance
CLSDSCA	CLS Charge Discharge
CLSDSEM	CLS Demographics Maintenance
CLSDSET	CLS Dealer Set Up
CLSDSIA	CLS Int Fee Discharge
CLSDSNA	CLS Penalty Discharge
CLSDSPA	CLS Principal Discharge
CLSDTOI	CLS Dealer Totals
CLSDTRN	Dealer Number Change
CLSEDPD	CLS Physical Damage Ins Disburse
CLSEDSB	CLS Miscellaneous Escrow Disburse
CLSEDTX	CLS Tax Other Reserve Disburse
CLSFORC	Place In Foreclosure
CLSFPPD	LPS Forced Place Insurance
CLSFPTX	ILP Forced Place Tax
CLSFUND	ILP Fund Existing Loan
CLSHABR	CLS Average Billing Rate History
CLSHABS	CLS Average Billing Statement History
CLSHACI	Capitalization Amount History
CLSHAEI	Clsatf As Earned Ins Per Diem

CLSHB1I	CLS History Balance Information
CLSHB2I	CLS History Balance Information
CLSHB3I	CLS History Balance Information
CLSHB42	CLS History Charge Balance
CLSHB4I	CLS History Charge Balance
CLSHBAI	CLS History Balance Information
CLSHBI2	CLS Billing History Screen 2
CLSHBI3	CLS Billing History Screen 3
CLSHBIL	CLS Billing History
CLSHC1I	CLS History Commit Fee Charge
CLSHCAI	CLS History Accrual Information
CLSHCBI	CLS History Commit Balance Information
CLSHCKI	CLS History Commit Key
CLSHCRI	CLS History Commit Rate Chg
CLSHCSI	CLS History Commit Spread
CLSHCTI	CLS History Commit Transaction Break
CLSHCZI	History Capitalization
CLSHD1I	History Code Hd1i
CLSHD2I	History Track Monitor Hd2i
CLSHD3I	History Code Hd3i
CLSHDEI	History Code Hdei
CLSHDI1	History Code Hd1i
CLSHDLQ	CLS Delinquency History
CLSHDPI	Clsatf Date Post Inquiry
CLSHEXT	CLS History Extension Due Date
CLSHFCI	Fixed Capped Rate History
CLSHFLP	CLS Flip History
CLSHFLT	History Float Inquiry
CLSHFPI	CLS History Post Spread
CLSHFYI	CLS Fiscal Year End Amount
CLSHHKI	CLS History Key
CLSHJAP	History Recap
CLSHJFI	Comm Participation History Rate Fee
CLSHJKI	Comm Participation Transaction History Key Information
CLSHJPI	Comm Participation History Sale Information
CLSHJRI	Comm Participation History Sale Information
CLSHJS2	Comm Participation History Fee Information
CLSHJSI	Comm Participation History Sale Information
CLSHJTI	Comm Participation History Sale Information
CLSHKAP	History Recap
CLSHOBI	CLS Obi History
CLSHONI	History Non Accrual Inquiry
CLSHPCI	Participation Rate Change History
CLSHPKI	Participation History Key
CLSHPPI	Participation Post Spread
CLSHPPY	CLS Prepayments History
CLSHPRI	CLS History Participation Rate Fe
CLSHPTI	Participation Transaction Breakdown
CLSHR2I	CLS Rate Mods Histry Inquiry
CLSHRAP	History Recap
CLSHRB1	CLS Reserve Balance History
CLSHRCI	CLS History Rate Change
CLSHRDI	CLS Reserve Disbursemnt History
CLSHRFI	CLS History Rate Fee
CLSHRLI	CLS History Rate Limits Information

CLSHRMI	CLS History Rate Modifiers
CLSHRNI	CLS History Non Accrual Rate
CLSHRTI	CLS History Rate Additional Tiers
CLSHS2I	CLS History Loan Sale Cont
CLSHSAI	CLS History Loan Sale
CLSHSBI	Split Billing History Inquiry
CLSHSDI	History Schemes Detail Inquiry
CLSHTHI	CLS History Post Summary
CLSICFM	LPS ICF Maintenance Screen
CLSIGSI	Incoming Guarantee Settle Inquiry
CLSIGSM	Incoming Guarantee Settle Maintenance
CLSINTP	CLS Post Overpaid Interest
CLSINTR	CLS Refund Overpaid Interest
CLSINTS	Customer Information Request
CLSIWAR	Interest Waiver Reversal
CLSIWAV	CLS Interest Waiver
CLSJCLO	CLS Commitment Participation Close Transaction
CLSJFAI	Commitment Participation Fee Assess Inquiry
CLSJFSI	Commitment Participation Fee Share Inquiry
CLSJFSM	Commitment Participation Fee Share Maintenance
CLSJFST	Commitment Participation Fee Share Total
CLSJFWV	Commitment Participation Fee Waiver
CLSJFYI	CLS Participation Fiscal Year End
CLSJNPA	Commitment Participation Accrual Not Paid Adjustment
CLSJPST	CLS Commitment Participation Post
CLSJRCR	CLS Commitment Participation Rate Change Transaction
CLSJREI	Commitment Participation Comm Participation Recap Inquire
CLSJRFI	Commit Participation Rate Fee Inquiry
CLJSJA2	Commit Participation Fee Information Inquiry
CLJSJAI	Commit Participation Sale Information Inquiry
CLJSJAM	CLS Commitment Participation Sale Maintenance
CLSJSET	CLS Commitment Participation Setup
CLSKACI	XLS Inquiry Cost Item Act Detail
CLSKADC	XLS Inquiry Cost Item Act Detail
CLSKADR	XLS Inquiry Disburse Detail
CLSKASC	XLS Inquiry Cost Item Activity
CLSKASR	XLS Inquiry Disburse Summary
CLSKBAL	XLS Construction Balance Inquiry
CLSKC1I	XLS Contractor Data
CLSKC1M	XLS Contractor Data Maintenance
CLSKC2I	XLS Contractor Credit Data
CLSKC2M	XLS Contractor Card Data Maintenance
CLSKCB	XLS Construction Cost Item Budget
CLSKCBI	XLS Cost Item Budget Inquiry
CLSKCHK	XLS Write Disburse Check
CLSKCI	XLS Cost Item Display
CLSKCIA	Cost Item Allocate
CLSKCII	XLS Inquiry Inspection Results
CLSKCIM	XLS Cost Item Inspection Results
CLSKCIS	XLS Inquiry Inspection History
CLSKCM	XLS Cost Item Demographic Maintenance
CLSKDEI	XLS Construction Detail
CLSKDEM	XLS Construction Demographic Maintenance Pt
CLSKDSB	XLS Update Disbursements Pt
CLSKHII	XLS Monetary Holds Display

CLSKHM	XLS Monetary Holds Datagroup Pt
CLSKIDR	XLS Disburse Transfer Issue
CLSKII	XLS Display Inspection Data
CLSKIII	XLS Inspection Item Inquiry
CLSKIIM	XLS Inspection Item Maintenance
CLSKIM	XLS Inspection Maintenance
CLSKLB	XLS Construction Loan Budget
CLSKLBI	XLS Construction Loan Budget Inquiry
CLSKLII	XLS Inquiry Line Items
CLSKLIM	XLS Maintain Line Items
CLSKLIS	XLS Inquiry Disburse Line Item Summary
CLSKLOT	XLS Construction Release Collateral
CLSKMI	XLS Milestone Display
CLSKMM	XLS Milestone Maintenance
CLSKPDI	XLS Disburse Transfer Pointer Inquiry
CLSKPDS	XLS Inquiry Disburse Pointer Summary
CLSKPNI	XLS Inquiry Preliminary Notices
CLSKPNM	XLS Inquiry Maintenance Preliminary Notice
CLSKRES	XLS Reserve Item Disburse
CLSKREV	XLS Rev Disburse Summary
CLSKRI	XLS Inquiry Disburse Transfer Request
CLSKRII	XLS Construction Reserve Items
CLSKRIM	XLS Construction Reserve Items Pt
CLSKRM	XLS Disburse Transfer Request
CLSKRPT	Construction Loan Report Request
CLSKSB	XLS Construction Sub Lip Loan Budget
CLSKSBI	XLS Construction Sub Lip Budget Inquiry
CLSKSCI	XLS Inquiry Only Sub Contractor
CLSKSCM	XLS Inquiry Maintenance Sub Contract
CLSKSI	XLS Sub Lip Data
CLSKSII	XLS Sub Lip Inspection Inquiry
CLSKSIM	XLS Sub Lip Inspection Results
CLSKSIS	XLS Inquiry Inspection Results
CLSKSM	XLS Sub Lip Maintenance
CLSKSS	XLS Sub Lip Summary
CLSKTRF	XLS Update Transfers Pt
CLSLABI	CLS Aggregate Balance
CLSLACI	Capitalized Amounts Inquiry
CLSLADV	CLS Post Loan Advance
CLSLAII	CLS All Inclusive Trust Deed
CLSLAIM	CLS All Inclusive Trust Deed
CLSLALM	CLS Loan Additional Liability
CLSLAPI	CLS Loan Activity Payoff
CLSLARR	CLS Arrears Reschedule Setup
CLSLAVI	CLS Available Balance Inquiry
CLSLBAI	CLS Loan Balance
CLSLBBI	CLS Loan Last Billing Amount Inquiry
CLSLBLI	CLS Loan Billing Inquiry
CLSLBLM	CLS Branch To Accelerate Processing
CLSLBLT	Final Bulk Loan Transfer Request
CLSLBNK	Loans Put In Bankruptcy Request
CLSLBSI	CLS Loan Billing Inquiry Driver
CLSLBYI	CLS Interest Rate Buydowns
CLSLCII	CLS Charge Information
CLSLCAM	Loan Charge Assess

CLSLCAN	Loan Cancellation
CLSLCBI	Cashback Inquiry
CLSLCBM	Cashback Setup Maintenance
CLSLCDI	CLS Loan Consumer Demographic
CLSLCDM	CLS Consumer Demogr Maintenance
CLSLCDQ	CLS Delinquent Collection
CLSLCFI	Cost Of Fund Inquiry
CLSLCFM	Cost Of Fund Maintenance
CLSLCGI	Loan Capital Grant Inquiry
CLSLCHI	CLS Charge Information
CLSLCIR	Customer Information Request
CLSLCLD	Delete Loan From Commitment Screen
CLSLCLI	Loan Collateral List
CLSLCMA	Add Loan To Commitment Screen
CLSLCMD	Delete Loan From Commitment Screen
CLSLCMI	CLS Loan Commit Pointer
CLSLCPI	CLS Loan Collateral Pointer
CLSLCRI	CLS Credit Review Inquiry
CLSLDII	CLS Loan Demographics Code
CLSLD2I	CLS Loan Demographics Code
CLSLD3I	CLS Loan Demographics Code
CLSLDBI	CLS Loan Demand Beneficiary
CLSLDBM	LPS Loan Demand Beneficiary Maintenance
CLSLDDI	CLS Disclosure Inquiry
CLSLDEI	CLS Loan Demographics Code
CLSLDEM	CLS Loan Demographic Code
CLSLDFI	CLS Defer Fee
CLSLDLI	CLS Delinquent Inquiry
CLSLDQI	CLS Delinquent Information
CLSLDQM	CLS Delinquent Maintenance
CLSLDRI	CLS Dealer Reserve
CLSLDSM	Billing Setup
CLSLEOD	Loans End Of Day
CLSLERA	CLS Escrow Reserve Analysis
CLSLERR	CLS Display Repost Error
CLSLEXI	CLS Loan Exceptions Inquiry
CLSLEXM	CLS Loan Exceptions
CLSLEXS	Loan Exception Summary
CLSLEXT	Loan Extension
CLSLFAI	Flip Loan Autopay Inquiry
CLSLFAM	Flip Loan Autopay Maintainence
CLSLFCI	Fixed Capped Rate Inquiry
CLSLFEE	CLS Fee Add Delete Screen
CLSLFFI	CLS Flip Loan Inquiry
CLSLFFM	CLS Flip Loan Maintainence
CLSLFLT	Float Inquiry
CLSLFPI	CLS Govt Subsidized Payment Inquiry
CLSLFPM	CLS Govt Subsidized Payment
CLSLFTI	CLS Loan Transfer Of Fund
CLSLFYI	Fiscal Year End Balance
CLSLGAM	CLS Dealer Goa Maintenance
CLSLGEN	CLS General Loan Inquiry
CLSLGN1	CLS General Loan Inquiry
CLSLGN2	General Loans Inquiry Screen 3
CLSLGSI	Guarantee Settlement Inquiry

CLSLGSM	Guarantee Settlement Maintenance
CLSLIBI	Clsserv Insured Borrowers Inquiry
CLSLIBM	Clsserv Insured Borrower Maintenance
CLSLIGI	CLS Lender Ins Guarantee Inquiry
CLSLIGM	CLS Lender Ins Guarantee Maintenance
CLSLILI	CLS Loan Indirect Liability Inquiry
CLSLINI	CLS Insurance Inquiry
CLSLINM	CLS Insurance Maintenance
CLSLINS	CLS Financed Insurance Maintenance
CLSLINT	Loans Initialization
CLSLLCM	CLS Loan Code Maintenance
CLSLLSM	Status Sub Status Maintenance
CLSLM1D	CLS Loan Additional Liability
CLSLMCM	CLS Mortgage Cancellation Ins
CLSLMDI	CLS Mtgs Demographics Code
CLSLMDM	CLS Mtgs Demographics Code
CLSLMHR	Lmhr Maintenance History Recap Screen
CLSLOAI	CLS Original Amounts
CLSLOBI	CLS Loan Other Billing Inquiry
CLSLOBM	CLS Other Billed Item Maintenance
CLSLPAM	Prepayment Penalty Assess
CLSLPAY	LPS Loan Payoff Screen
CLSLPB2	LPS Loan Payment Breakdown 2
CLSLPBI	LPS Loan Payment Breakdown
CLSLPCI	CLS Pending Rate Change Inquiry
CLSLPCM	CLS Pending Rate Change Maintenance
CLSLPDI	CLS Loan Premium Discount
CLSLPLI	CLS Loan Pi Limits Inquiry
CLSLPLM	CLS Loan Payment Limits Maintenance
CLSLPMI	CLS Loan Payment Modifiers Inquiry
CLSLPMM	CLS Loan Payment Modif Maintenance
CLSLPMT	CLS Loan Payments
CLSLPPI	CLS Prepayment Penalty
CLSLPPM	CLS Prepayment Penalty
CLSLPRI	CLS Prepayment Data
CLSLR2I	Rate Modifiers Inquiry
CLSLR2M	Rate Mods Payment Change Maintenance
CLSLRAI	CLS Recourse Delayed
CLSLRDI	CLS Reserve Deposits Inquiry
CLSLRDM	CLS Reserve Deposits Maintenance
CLSLRFI	CLS Loan Rate Fee
CLSLRII	CLS Renewal Information
CLSLRIR	Loan Recast Reversal
CLSLRLI	CLS Loan Int Rate Limits Inquiry
CLSLRLM	Rate Limits Maintenance
CLSLRMI	CLS Rate Modifiers Inquiry
CLSLRMM	Rate Modifiers Maintenance
CLSLRNI	CLS Loan Non Accrual Rate Information
CLSLRQI	CLS Daily Rate Quote Inquiry
CLSLRRI	CLS Rate Reductions Inquiry
CLSLRTI	CLS Additional Rate Tiers Inquiry
CLSLRTM	Rate Tiers Maintenance
CLSLSAM	Loan Scheme Add
CLSLSDI	Loan Scheme Detail Inquiry
CLSLSET	Lset Product Selection Screen

CLSLSI1	CLS Student Loan Invalid Inquiry #1
CLSLSI2	CLS Student Loan Invalid Inquiry #2
CLSLSIM	CLS Student Loan Invalid Setup
CLSLSPI	CLS Sale Pending
CLSLSPM	Loan Scheme Parameter Maintenance
CLSLSSS	Loan Scheme Summary Inquiry
CLSLSTA	Close Ready Credit Loan Status
CLSLSTI	CLS Student Loan Information
CLSLSTM	CLS Student Loan Maintenance
CLSLSUM	Financial Transaction Input Summary
CLSLTBI	Loan Total Billed Inquiry
CLSLTHR	Transaction Recap Request
CLSLTRN	CLS Transfer Loan
CLSLTTF	CLS Loan Title Tranfer
CLSLUBI	CLS Unpaid Balance
CLSLXFI	FP!CLSLXFI
CLSMEMI	CLS Memo Post Inquiry
CLSMFRL	Modified Fixed Rate Loan
CLSMGEN	CLS Memo General Inquiry
CLSMHIS	Online Maintenance History Selection
CLSMHKI	Lpsmemo History Transaction
CLSMBBC	MASS Month Batch Status
CLSMmps	MASS Monetary Post
CLSMMTI	Monetary Online Transaction Inquiry
CLSMPTA	CLS Adjustment Mortgage Points
CLSNAMA	CLS Adjustment Accrual Not Billed
CLSNONA	Nonaccrual Post
CLSNONI	Non Accrual Inquiry
CLSOVRA	CLS Overpaid Interest Adjustment
CLSPASM	Place In Pending Assumption
CLSPCBA	Cashback Advance
CLSPCGA	Post Capital Grant Amounts
CLSPCOF	LPS Partial Charge Off
CLSPDDB	CLS Partial Debt Discharge
CLSPDIA	Prt Int Fee Discharge
CLSPDPA	Prt Principal Discharge
CLSPEXT	CLS Promotional Extension
CLSPFRI	CLS Participation Float Rate
CLSPFRM	CLS Change Participation Float Rate
CLSPFYI	CLS Participation Fiscal Year End
CLSPGEN	CLS General Participation Inquiry
CLSPIDM	Pending Ins Disbursements
CLSPIRM	Investor Report Maintenance
CLSPMSI	CLS Participation Service Agreement Inquiry
CLSPNBA	Participation Accrual Adjustment
CLSPNLT	Prepayment Penalty Calculation
CLSPOFF	Payoff Quote
CLSPPOST	CLS Dollar Post
CLSPPAY	Participation Payoff
CLSPPDI	CLS Participation Premium Discount
CLSPPMR	Ppmr Maintenance History Recap Screen
CLSPPMT	Prepayment Penalty Payment
CLSPPOF	Participation Payoff Quote
CLSPPPI	CLS Participation Prepayment Penalty
CLSPRAP	Participation History Recap Screen

CLSPRCH	Participation Rate Change
CLSPRFI	CLS Participation Rate Fee
CLSPRNR	Principal Paydown
CLSPA2	CLS Participation Loan Sales #2
CLSPA3	Investor Report Inquiry
CLPSAI	CLS Participation Loan Sales Inquiry
CLSPSAM	CLS Loan Sale Maintenance
CLSPSBI	CLS Participation Invalid Service Fee B Inquiry
CLSPSDI	CLS Participation Invalid Service Fee D Inquiry
CLSPSET	CLS Participation Float Rate
CLSPSPI	Special Interest Subsidy Post
CLSPSTC	Post Captured Transactions
CLSPWAV	Prepayment Penalty Waiver
CLSRACI	CLS Reserve Analysis Inquiry
CLSRACM	CLS Reserve Analysis Transaction
CLSRADV	CLS Ready Credit Advance
CLSRALC	Allocate Payment To Repo St
CLSRASM	Remove Pending Assumption
CLSRATE	Rate Change
CLSRBLR	FP!CLSRBLR
CLSRBNK	Loans Outstanding Of Bankruptcy Request
CLSRBWE	Refund Escrow RSV Int Witheld
CLSRCAD	Rev Capital Grant Advance
CLSRCBA	Reverse Cashback Advance
CLSRCGA	Rev Capital Grant Amount
CLSRCST	Recast Setup Screen
CLSRDLC	Reversal Of A Demand Loan Call
CLSREGI	ILP Registration Process
CLSREPO	Repossession Status
CLSREVA	CLS Reverse Allocate Payment
CLSREVS	CLS Reverse Spread Payment
CLSRFOR	Remove Foreclosure Status
CLSRIPA	Adjustment Escrow Reserve Int Paid
CLSLAC	Ready Credit Line Amount Change
CLSRNEG	Renegotiate Debt Setup Screen
CLSRNEW	Lset Fee Setup
CLSRNPT	Reverse Allocate Payment No Participation
CLSRNSA	Reverse Allocate W NSF
CLSRNSF	CLS Reverse With NSF
CLSRPAY	LPS Loan Payoff Reversal
CLSRPPA	Participation Payoff Reversal
CLSRPPF	Reversal Of Prepaid Fee Allocate
CLSRPPI	Reversal Of Prepaid Int Allocate
CLSRPPN	Reversal Of Prepaid Ins Allocate
CLSRPPT	CLS Post Reverse Participation Transaction
CLSRPRN	Principal Paydown Reversal
CLSRPRT	Reprint Rebill Inquiry Screen
CLSRPST	ILP Transaction Repost
CLSRPTR	LPS Report Request Menu
CLSRSPD	Payment Spread To Repo Status
CLSRSPI	Special Int Subsidy Post Rev
CLSRSTA	Open Ready Credit Loan Status
CLSRSTP	CLS Ready Credit Stop Payment
CLSRUAP	Reversal Of Unapplied Fund Allocate
CLSRVNS	Reverse NSF Charge

CLSRVSA	Sby Allocate Payment Post Reversal
CLSRVSP	Sby Unallocated Payment Post Reversal
CLSRVSU	Rev Sby Unapplied Allocate
CLSSBLI	Split Billing Detail Inquiry
CLSSBLM	Split Billing Maintenance
CLSSBPI	Scheme Detail Inquiry
CLSSBPM	Subsidy Parameters Maintenance
CLSSBRM	Scheme Interest Rate Maintenance
CLSSBSI	Split Billing Inquiry Summary
CLSSBTI	Scheme Detail Inquiry
CLSSBTM	Subsidy Tier Maintenance
CLSSBYA	Sby Allocate Payment Post
CLSSBYP	Sby Unallocated Payment Post
CLSSBYU	Sby Unapplied Fund Allocate Post
CLSSCBI	Scheme Detail Inquiry
CLSSCBM	Scheme Billing Maintenance
CLSSCDI	Scheme Detail Inquiry
CLSSCDM	Scheme Details Maintenance
CLSSCIM	Scheme Interest Concession
CLSSCLI	Scheme Detail Inquiry
CLSSCLM	Scheme Limits Maintenance
CLSSCOR	CLS Credit Scoring
CLSSCPM	Scheme Autopay Maintenance
CLSSIMP	Simple Int Pay Calculation
CLSSSET	Sset Scheme Details
CLSTICK	ILP Write Tickler Record
CLSUAPP	Unapplied Fund Allocate Post
CLSUAPR	Unapplied Fund Refund
CLSUKAP	User Commitment History Recap
CLSURAP	User History Recap
CLSZONE	Zoning Interface Statistics
COLCAAD	Additional Legal Description
COLCAAK	Alternate Key
COLCAAR	Appraisal Request Results
COLCABR	Collateral Borrower Pointers
COLCACC	Combine Collateral
COLCADD	Deposit Description
COLCAMD	Mobile Home Description
COLCAOD	Other Description
COLCAOL	Other Liens
COLCAPC	Pledged Collateral
COLCAPD	Real Property Description
COLCAPI	Pledged Collateral Inquiry
COLCAPL	Real Property Location
COLCARP	Profile Real Property Mobile
COLCASC	Profile Security Deposit Other
COLCASD	Security Description
COLCASM	Collateral Selection Screen
COLCATD	Tax Disburse
COLCATL	Title
COLCATT	Total Tax Disburse
COLCAUC	UCC
COLCAUD	Real Property Units
COLCAUM	Collateral Unit Maintenance
COLCAVD	Vehicle Description

COLCAVH	Profile Vehicle
COLCAVX	Vehicle Identifier Lookup
COLCAXI	Collected Exception Inquiry
COLCAXM	Collected Exception Maintenance
COLCMHR	Cmhr Maintenance History Recap Screen
COLCRSI	Collateral Release Summary
COLCTKL	Collateral Ticklers
COLCZON	Zoning Collateral Setup
COLCZPD	Zoning Property Detail
COLCZPL	Zoning Property Location
COLIACC	Pdi Address Information
COLIADR	Pdi Address Information
COLPDI	Property Damage Insurance
COLPDIA	Property Damage Ins Actions
COLTAX	Maintenance Tax Reserve
COLTAXN	Additional Tax Account Number
FSSCOND	Account Conditions Help Screen
FSSCONT	Exit FSS Return To CIS
FSSCRDM	Cross Reference Database Maintenance
FSSCURA	Currency Code Translation
FSSCURB	Currency Build Screen
FSSCURC	Currency Conversion Screen
FSSCURI	Currency Line 1
FSSCURM	Currency Line 1
FSSCURX	Currency Conversion Calculation
FSSCWS1	Check Print Screen 1
FSSCWS2	Check Print Screen 1
FSSEXIT	Exit FSS Go To CIS
FSSHFSS	Copy For Control Data Screen
FSSHICL	Relationship Detail Process
FSSHIMT	Relationship Detail Process
FSSHIRI	Hierarchy Inquiry Maintenance
FSSNA02	
FSSNAFT	NAF Test Screen
FSSRELI	Relationship Detail Process
FSSRELO	Relo Processing Entry
FSSRFSS	Copy For Application Data Screen
FSSRSD0	Branch To Restraint Duplicate Check
FSSRSH0	Branch To Restraint Hard Hold
FSSRSM0	Restraint Branch To Merchant Authorization
FSSRSMU	Restraint Pledge Maintenance Inquiry
FSSRSP0	Restraint Branch To Pledge
FSSRSS0	Restraint Branch To Stop Pay
FSSRSTI	Fill Outstanding Screen First
LSMCOMP	Loan Composition
LSMCOST	Sale Package Cost Inquiry
LSMINSU	Sale Package Insurance
LSMLBFE	LSM Batch Function Execution
LSMLLST	Loan List In Package
LSMLSMS	Package Setup And Maintenance
LSMPDEM	LSM Sale Package Demographics
LSMPDOC	Sale Package Documents Request
LSMPKGM	Package Maintenance
LSMPKSU	Package Setup And Maintenance
LSMRPTS	Package Report Control Maintenance

LSMSLCR	Selection Criteria Definition
MLA4100	Print Good Faith Estimate
MLA4101	Print Adverse Action Ltrr
MLA4102	Print Commitment Letter
MLA4103	Print Counter Offer Letter
MLA4104	Print Cancel Withdrawal Letter
MLA4106	Print Request For Demand
MLA4107	1st Display For Settlement Statement
MLA4109	Print FHA Application
MLA4110	Print Property Imprinter Loan Application
MLA4111	Print Va Application Home Loan Guarantee
MLA4112	Print Va Application Home Loan Guarantee
MLA4113	Print Req For Ver Of Employment
MLA4114	Print Req For Ver Of Employment
MLA4115	Print Req For Ver Of Employment
MLA4117	Print Dot Vrm
MLA4118	Print Deposit Verification
MLA4119	Print Dot Fnma
MLA4120	Print Dot Va26 6303
MLA4121	Print Dot Va26 6303a
MLA4122	Print Dot FHA 9104
MLA4123	Print Dot HUD 92104s
MLA4124	Print Dot Fnma
MLA4125	Print Dot Condo Rider Fnma
MLA4126	Print Dot Pud Rider Fnma
MLA4128	Print Reg Z Revised Copy
MLA4131	Print Va Req For Detail Of Eligible
MLA4132	Print Notice Of Opp To Rescind
MLA4133	Print Application Status
MLA4139	Print Credit Report Request
MLA4140	Print Tax Service Request
MLA4141	Print Appraisal Request
MLA4142	Print Request For Beneficiary
MLA4143	Print Pmi Report Request
MLA4144	Print Pdi Report Request
MLAADDL	Additional Collateral Description
MLAADVA	Print Adverse Action Letter
MLAAPMT	Automatic Payment Information
MLAAPPL	Basic Loan Information
MLAAPRA	Property Appraisal Results
MLAARPS	Anticipated Repayments
MLAASMP	Assumption Setup Scenario
MLAASST	Borrower Assets
MLABFR	Business Financial Report
MLABGI	Borrower Guarantor
MLABILL	Payment Subsidy Information
MLABLI	Basic Loan Information
MLABORR	Borrower Guarantor
MLABUSB	Major Business Entity
MLABUSN	Major Business Entity
MLACALC	Amortization Calculations
MLACAWD	Cancellation Withdrawal
MLACHEX	Current Monthly Housing Expense
MLACNTO	Counter Offer
MLACOLL	Transfer FPS By Property Type

MLACOMM	Loan Commitment
MLACRPT	Borrower Credit Report
MLACWS1	Check Print Screen
MLACWS2	Check Print Screen
MLAENL	Denial Adverse Action
MLADETL	Details Of Purchase
MLADISB	Disburse Fund
MLADISC	Financial Disclosure
MLADOC5	Document Request
MLAELIG	Va Eligible
MLAEMPL	Borrower Employment
MLAFEE5	Fee Tracking Maintenance
MLAFHA	Previous FHA Financing
MLAFUND	Funding Loan
MLAHBCK	Holdback Loan Fund
MLAHIST	Financial History
MLAINCM	Borrower Gross Monthly Income
MLAIRBD	Interest Rate Buydowns
MLAKACI	XLS Inquiry Cost Item Act Detail
MLAKCII	XLS Contractor Data
MLAKC1M	XLS Contractor Data Maintenance
MLAKC2I	XLS Contractor Credit Data
MLAKC2M	XLS Contractor Card Data Maintenance
MLAKCB	XLS Construction Cost Item Budget
MLAKCBI	XLS Cost Item Budget Inquiry
MLAKCI	XLS Cost Item Display
MLAKCIA	XLS Cost Item Allocate
MLAKCM	XLS Cost Item Demographic Maintenance
MLAKDEI	XLS Construction Detail
MLAKDEM	XLS Construction Demographic Maintenance Pt
MLAKIII	XLS Inspection Item Inquiry
MLAKIIM	XLS Inspection Item Maintenance
MLAKLB	XLS Construction Loan Budget
MLAKLBI	XLS Construction Loan Budget Inquiry
MLAKMI	XLS Milestone Display
MLAKMM	XLS Milestone Maintenance
MLAKPNI	XLS Inquiry Preliminary Notices
MLAKPNM	XLS Inquiry Maintenance Preliminary Notice
MLAKRII	XLS Construction Reserve Items
MLAKRIM	XLS Construction Reserve Items Pt
MLAKSB	XLS Construction Sub Lip Loan Budget
MLAKSBI	XLS Construction Sub Lip Budget Inquiry
MLAKSCI	XLS Inquiry Only Sub Contractor
MLAKSCM	XLS Inquiry Maintenance Sub Contract
MLAKSET	XLS Add Construction Loan
MLAKSI	XLS Sub Lip Data
MLAKSM	XLS Sub Lip Maintenance
MLAKSS	XLS Sub Lip Summary
MLALCD	Loan Close Details
MLALFRC	Loan Financial Ratios
MLALFRF	Loan Financial Ratios FHA
MLALFRV	Loan Financial Ratios Va
MLALIB	Borrower Liability
MLALIEN	Other Liens
MLALMDP	Projection Mix Ltv Down Pay

MLALMLA	Projection Mix Loan Amount
MLALMLP	Projection Mix Loan Purpose
MLALMLT	Projection Mix Loan Type
MLALMPT	Projection Mix Property Information
MLALNFR	Loan Financial Ratios
MLALOC	Property Mobile Home Location
MLAMCI	Mortgage Cancellation Insurance
MLAMHD	Mobile Home Description
MLAMI	Pmi Va FHA Mortgage Insurance
MLAOINC	Borrower Other Income
MLAOTHC	Other Collateral Description
MLAPAOF	Payoff Other Liens
MLAPDI	Property Damage Insurance
MLAPEXC	Proposed Ownership Expense
MLAPEXF	Proposed Ownership Expense
MLAPEXV	Proposed Ownership Expense
MLAPHCM	Projection Phase Commitment
MLAPHSE	Projection Phase Description
MLAPOEX	Proposed Ownership Expense
MLAPRCM	Projection Commitment
MLAPREV	Borrower Previous Address
MLAPRIN	Business Principals
MLAPROJ	Projection Description
MLAPROP	Property Description
MLAPURC	Purchase Information
MLAQSET	Basic Loan Information
MLARECD	Pay Fee And Charge
MLAREFI	Refi Equity Hil Data
MLAREO	Borrower Real Estate Owned
MLARESV	Application Reserve
MLAREVS	Finance Transaction Reversal
MLARF1	Rate And Fee Basic Information
MLARF2	Rate And Fee Modifiers
MLARF3	Rate And Fee Unique Loans
MLARF4	Rate And Feeslocked Data
MLARF5	Lending Policy Rate Modifiers
MLARF6	P I Payment Modifiers
MLARF7	Interest Rate Limits
MLARF8	P I Payment Limits
MLARF9	Mla Captzn Setup Rf9
MLASELB	Select Borrower
MLASREQ	Special Action Request
MLATAK	Tax Other Reserve
MLATAKN	Additional Tax Numbers
MLATRLS	Transfer To Loan Service
MLAUCC	UCC Filing Data
MLAUNIT	Real Property Units
MLAVA	Previous Va Financing
NSFHLPN	
NSFMENU	NSF Session INIT
NSFOLT	NSF Totalling Screen
OCSCACI	OCS Inquiry Next Comments
OCSCACT	OCS Collector Actions Yesterday Tod
OCSCAIP	Transfer To Cisacpri00
OCSCNC1	OCS Card Convert Setup #1

OCSCNC2	OCS Card Convert Setup #2
OCSCNC3	OCS Card Convert Setup #3
OCSCNL1	OCS Loan Convert Setup #1
OCSCNL2	OCS Loan Convert Setup #2
OCSCNL3	OCS Loan Convert Setup #3
OCSCNVM	OCS Menu Convert Setup Branch
OCSCOLM	OCS Collector Processing Menu
OCSCOWK	OCS Collection Work Que Assignment
OCSCWQP	Transfer To Cisacpri00
OCSCWQS	OCS Transfer To Cwqs From Cic1 Branch
OCSMENU	OCS Maintenance Menu
OCSPCD0	OCS PCD Maintenance Menu
OCSSAEC	OCS Daily Action Effectiveness
OCSSCAC	OCS Supervisor Action Yesterday Tod
OCSSCAT	OCS Collection Supvr Today
OCSSCAY	OCS Collector Ttl Actions Yesterday
OCSSCDM	OCS Collector Distribution Range Alpha
OCSSCPD	OCS Colletr Daily Productivity
OCSSCPM	OCS Periodic Coll Productivity
OCSSCPP	OCS Periodic Promise To Pay
OCSSCSA	OCS Periodic Slvg Report By Ac CDS
OCSSCSD	OCS Periodic Slvg Report Amount Card
OCSSCSM	OCS Collector Setup Maintnance
OCSSCSU	OCS Collector Setup Scenario
OCSSDAS	OCS Collector Distribution Range Alpha
OCSSDNS	OCS Collector Distribution Ring Numeric
OCSSDRC	OCS Period Delinquency Report Cards
OCSSDRL	OCS Period Delinquency Report Loans
OCSSLSA	OCS Period Slvg Report By Ac Loan
OCSSLSD	OCS Periodic Slvg Report Amount Loan
OCSSMAN	OCS Supvr Monthly Actions
OCSSMAT	OCS Periodic Account Totals
OCSSMBT	OCS Periodic Current Balance
OCSSMCA	OCS Periodic Coll Activity
OCSSMCF	OCS Periodic Account Figures
OCSSMCT	OCS Periodic Collection Type
OCSSORM	OCS Online Report Menu
OCSSPCA	OCS Supv Prty Maintenance Co Alpha
OCSSPCN	OCS Supv Prty Maintenance Co Numeric
OCSSPPA	OCS Supv Prty Maintenance Product Alpha
OCSSPPN	OCS Supv Prty Maintenance Product Number
OCSSRPT	OCS On Request Batch Reports
OCSSUPM	OCS Supervisor Menu Branch
OTPCF1E	TCS CASS Rejected Transaction
OTPCF1X	TCS CASS Rejected Transaction
OTPCF2E	TCS CASS Chargebacks
OTPCF2X	TCS CASS Chargebacks
OTPCF3E	TCS CASS Retrievals
OTPCF3X	TCS CASS Retrievals
OTPCF4E	TCS CASS Fee Collected Fund Disp
OTPCF4X	TCS CASS Fee Collected Fund Disp
OTPCF5	Branch To Cf5 Detail
OTPCF6E	TCS CASS Representments
OTPCF6X	TCS CASS Representments
OTPCF7	Branch To Cf7 Detail

OTPDBC	Branch To Dbc Detail
OTPDEC	Branch To Dec Detail
OTPDST	OTP NSF Disposition Totals
OTPEXT	Branch To Extension Detail
OTPFDP	Branch To Fdp Detail
OTPFMT	Branch To Format Detail
OTPHLPN	
OTPMENU	OTP Session Initialization
OTPMF1	Branch To Mf1 Detail
OTPMF3E	TCS TERS Reject MASS Chargeback Transaction
OTPMF3X	TCS TERS Reject MASS Chargeback Transaction
OTPMF4	Branch To Mf4 Detail
OTPMF5	TCS TERS Rejected Headers
OTPMNL	Branch To Mnl Detail
OTPMWF	Branch To Mwf Detail
OTPMWO	Branch To MWO Detail
OTPNAS	Branch To NAS Detail
OTPNML	Branch To Nml Detail
OTPNSH	Branch To Nsh Detail
OTPOLT	OTP On Line Totals
OTPPHT	Branch To Pht Detail
OTPPJH	OTP Loans Test Screen
OTPRTV	TCS Retrieval Request Review
OTPTGR	Branch To Tgr Detail
OTPTRG	Branch To Trg Detail
OTPTSC	Branch To Tsc Detail
PAYPMHR	Pmhr Maintenance History Recap Screen
PAYPYNS	Payee Name Scan
PAYPYRE	Payee Remittance Inquiry
PAYPYSM	Payee Setup Maintenance
PMTPSCR	Check Request
PMTPSDD	Direct Debit Authorization
PMTPSEC	Electronic Collection
PMTPSEP	Electronic Payment
PMTPSTR	Internal Transfer
PMTPSUM	Payment Summary Menu



Where We're Going

- The FPS Transactions
- FPS Screens and Records
- Tracing FPS
- Exercises



Your Turn: What are the Three kinds of FPS Transactions?



Three Kinds of FPS Transactions

- Prompt - ILP, BOR, KOL, MLA, LSM, PAY
- Reset - ILPC, ...
- Work - ILPT, ... (or others as created to allow external performance monitoring to distinguish functions)



Tracing ILPC

- Follow ILPC from user entry through all systems which are involved until the user receives a screen.
- Notice role of
 - Transaction Definition
 - Application Definition
 - FPS Supervisor
 - ILP

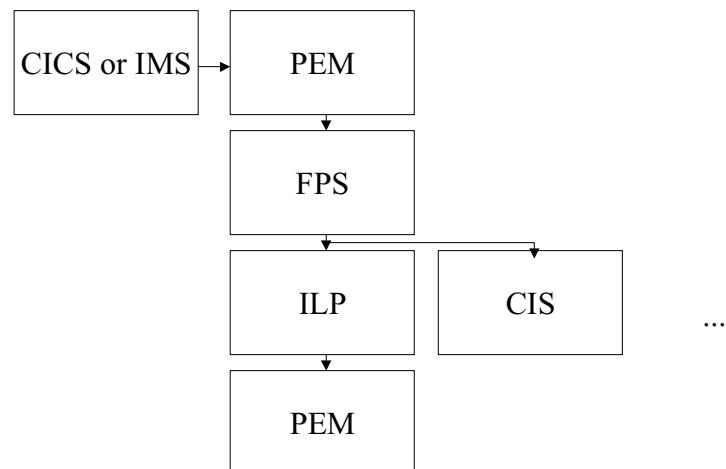


Tracing ILP and ILPT

- Follow ILP and ILPT from user entry through all systems which are involved until the user receives a screen.
- Notice differences



ILP in the Pecking Order:





As Online Supervisor, FPS

- Manages Security
- Provides Help Facility
- Manages Screen flow within or across systems
- Provides multiple conversations
- Provides multiple levels
- Saves Data for Screen Refresh



FPS Screens and Records

- The Role of the Conversation Terminal File (CTF)
- Global Datagroup
- Primary Commands
- Control Record
- Condition Codes



Your Turn: What is on the CTF, and how is it Keyed?



Global Datagroup

- A Datagroup for which FPS keeps one copy per *Conversation*
- Used for communication across processing levels within a conversation.
- Also often used as common area to hold keys and other shared information across a system (or systems)



Investigate ILP Global Datagroups

- Notice defined on Application Definition
- Notice contents

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-PUNCH L10000D
000100*Dgid 10000
000200*DCPY L10000D
000300*****
000400* *
000500*     CLS GLOBAL SCREEN *
000600* *
000700*             COBOL COPY BOOK      L10000D *
000800*             DATA GROUP ID       10000   *
000900*             ELEMENT PREFIX      LCL    *
001000*             DATA GROUP TYPE     WORK   *
001100*             PARENT DATA GROUP  NONE   *
001200*****
001300*   *
001400 01  CL-GLOBAL-SCREEN-FIELDS.
001500    05  CL-ACTION-L10000D          PIC  X(02).
001600    05  CL-RESULT-L10000D         PIC  X(02).
001700*   *
001800    05  CL-GLOBAL-LOAN-DATA.
001900      10  CL-GLOBAL-SCRN-LOAN      PIC  X(23).    LCL00001
002000      10  CL-GLOBAL-PRODUCT      PIC  X(3).     LCL00002
002100      10  CL-GLOBAL-LOAN.        *
002200      15  FILLER              PIC  9(8).    LCL00003
002300      15  CL-GLOBAL-LOAN-NUM    PIC  9(15).   LCL00004
002400      10  CL-GLOBAL-BORROWER.   *
002500      15  FILLER              PIC  9(8).    LCL00005
002600      15  CL-GLOBAL-BORROWER-NUM PIC  9(15).   LCL00006
002700      10  CL-GLOBAL-SCRN-BORROWER PIC  X(23).   LCL00007
002800      10  CL-GLOBAL-COLLATERAL. *
002900      15  FILLER              PIC  9(8).    LCL00008
003000      15  CL-GLOBAL-COLLATERAL-NUM PIC  9(15).   LCL00009

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003100	10	CL-GLOBAL-SCRN-COLLATERAL	PIC X(23).	LCL00010
003200	10	CL-GLOBAL-BORR-SHORT-NAME	PIC X(25).	LCL00011
003300	10	CL-GLOBAL-PREV-LOAN	PIC X(23).	LCL00012
003400	10	CL-GLOBAL-L50002-PREV-LOAN	PIC X(23).	LCL00013
003500	05	CL-GLOBAL-COMMITMENT-DATA.		
003600	10	CL-GLOBAL-SCRN-CMT-KEY.		
003700	15	CL-GLOBAL-SCRN-CMT-BORR	PIC X(23).	LCL00014
003800	15	CL-GLOBAL-SCRN-CMT-NUM	PIC 9(5).	LCL00015
003900	10	CL-GLOBAL-CMT-KEY.		
004000	15	CL-GLOBAL-CMT-BORR.		
004100	20	FILLER	PIC 9(8).	LCL00016
004200	20	CL-GLOBAL-CMT-BORR-NUM	PIC 9(15).	LCL00017
004300	15	CL-GLOBAL-CMT-NUM	PIC 9(5).	LCL00018
004400	10	CL-GLOBAL-CMT-BORR-NAME	PIC X(25).	LCL00019
004500	10	CL-GLOBAL-PREV-CMT-KEY	PIC X(28).	LCL00020
004600	10	CL-GLOBAL-L50003-PREV-CMT.		LCL00021
004700	15	CL-GLOBAL-L50003-PREV-BORR-NUM	PIC X(23).	
004800	15	CL-GLOBAL-L50003-PREV-CMT-NUM	PIC 9(5).	
004900	05	CL-GLOBAL-PARTICIPATION-DATA.		
005000	10	CL-GLOBAL-SCRN-PART-KEY.		
005100	15	CL-GLOBAL-SCRN-PART-LOAN	PIC X(23).	LCL00022
005200	15	FILLER	PIC XX.	
005300	15	CL-GLOBAL-SCRN-PART-NUM	PIC 9(5) COMP-3.	LCL00023
005400	10	CL-GLOBAL-PART-PRODUCT	PIC X(3).	LCL00024
005500	10	CL-GLOBAL-PART-KEY.		
005600	15	CL-GLOBAL-PART-LOAN.		
005700	20	FILLER	PIC 9(8).	LCL00025
005800	20	CL-GLOBAL-PART-LOAN-NUM	PIC 9(15).	LCL00026
005900	15	CL-GLOBAL-PART.		
006000	20	CL-GLOBAL-PART-NUM	PIC 9(5).	LCL00027
006100	10	CL-GLOBAL-PREV-PART-KEY	PIC X(28).	LCL00028
006200	10	CL-GLOBAL-L50012-PREV-PART	PIC X(28).	LCL00029
006300	05	CL-GLOBAL-DEALER-DATA.		
006400	10	CL-GLOBAL-SCRN-DEALER	PIC X(23).	LCL00030
006500	10	CL-GLOBAL-DEALER.		
006600	15	FILLER	PIC 9(8).	
006700	15	CL-GLOBAL-DEALER-NUM	PIC 9(15).	LCL00031
006800	10	CL-GLOBAL-PREV-DEALER	PIC X(23).	LCL00032
006900	05	CL-GLOBAL-LSET-DATA.		
007000	10	CL-GLOBAL-ISSUE-DATE	PIC 9(7) COMP-3.	
007100	10	CL-GLOBAL-LENDING-POLICY	PIC X(8).	LCL00033
007200	10	CL-GLOBAL-LOAN-STATUS	PIC X(3).	LCL00034
007300	05	CL-GLOBAL-SCHEMES-DATA.		
007400	10	CL-GLOBAL-SCHEME-NAME	PIC X(40).	LCL00035
007500	10	CL-GLOBAL-SUBSIDIZED-BORR-NO	PIC X(23).	LCL00036
007600	10	CL-GLOBAL-SUBSIDIZED-BORR-NAME	PIC X(25).	LCL00037
007700	10	CL-GLOBAL-SCH-START-DATE	PIC 9(7) COMP-3.	LCL00038
007800	05	CL-GLOBAL-XREF-LOAN-NUMBER	PIC X(23).	LCL00039
007900	05	CL-GLOBAL-GPSU-DATA.		
008000	10	CL-GLOBAL-GPSU-SSN	PIC 9(9) COMP-3.	LCL00040



Your Turn: What FPS Primary Commands
(Commands made by the user which are not
screen prompts) can you name? (looking for
22 and there are more)



Review: The FPS Control Record

- Keyed by system, 4 char prompt, sequence number
- Identifies map, processing program
- Allows inserting an activity
- Has some seldom if ever used fields



Your Turn: What is the order of processing of activities specified on the FPS Control Record from the time the user presses Enter?



Review: The FPS Condition Code Record

- The If statement in an FPS program (scenario)
- Action based on condition code set by program
- Actions:
 - (Go TO) Sequence number
 - DSP (Display to the user - issue the current display activity)
 - END (Processing Level) Go back to where EXEC Branch performed
 - ABE (dump)
 - DYF (the TRACE buster - the program says where to go next)



FOR MSG?

- A control telling FPS whether or not to read PCD 1301 for the condition code in order to Format the Message for the user.
- Unnecessary when the condition code is to cause transfer to another screen
- Frequently set anyway



FPS TRACE Method

- A technique of documenting our path through FPS to gain a greater understanding of the FPS scenario as an interactive process.



FPS TRACE Form

User Action	Control Key	Link or Exec Branch	Condition Code	Action



Trace LRFI

- Trace when user selects LRFI from menu
- Continue trace when user presses PF2
- Continue trace when user then presses PF1

T



Trace Exercise

(Intentionally using CIS example)

- Your user showed you this screen print:

CUDL 1 CIS CUSTOMER LOCATE		02/11/16 14:08:23
CUPR	CD 1111 0P	WS 64076 ENTER ACTION(S) OR CHANGE KEY
CDID 1111 CROSS CD?	0UST F	TIE
ACT: LOC (LOC LOC1 BKP LOC5) 2ND:ZIP	SSN	ST#
ACTM: (SEL CURE)	DOB	TOIL 10
SEQ: CUSTOMER / STREET / CITY,STATE	DISP SSN? N	NEXT 1
0001 JUDY FACTOR-0001 /1234 SUTTER STREET/SAN FRANCISCO CA 92101/		
0002 JULIE FLINT-0001 /1234 LAGUNA/SAN FRANCISCO CA 92101/		
0003 FRED FLINTSTONE-0001 /100 ROCK VEGAS LANE/LOS VEGAS NV 92101/		
0004 CAMERON FULLERSBEE-0001 /9876 LOMBARD STREET/SAN FRANCISCO CA 92101/		
0005 HARRISON FORD-0001 /55 RIVER ROAD/FOUNTAIN CITY CA 92101/		
0006 DAVID FOSTER-0001 /123 ARBOR OAKS/GRAPEVINE TX 76051/		
0007 ZOE FOSTER-0001 /528 BLAIR/GRAPEVINE TX 76051/		
0008 MARISAA FRALEY-0001 /5678 VAN NESS/SAN FRANCISCO CA 92101/		
0009 FRED-0001 /1 MAIN/DALLAS TX 75082/		
0010 READY FREDDY-0001 /1 MAIN/DALLAS TX 75082/		

- The User Entered CUPR and name “F” on the main menu. Trace how we got here.

User Action	Control Key	Link or Exec Branch	CC	Action



Explore More FPS

- See where Help Defined, including for PCD
- See setting and documenting of PF Keys
- See how an alternate command can create a link to another screen or even another system
- See how prompt is added to a menu

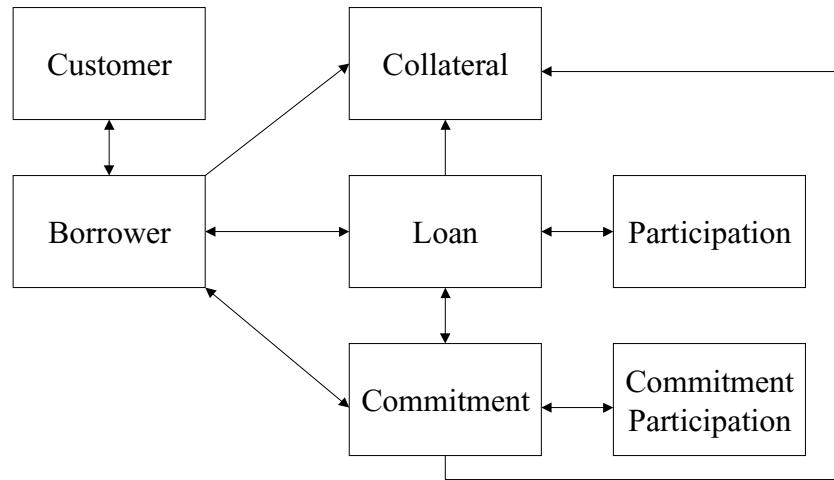
Databases in the ILP Environment

Principle: What We Must Know Now About Database

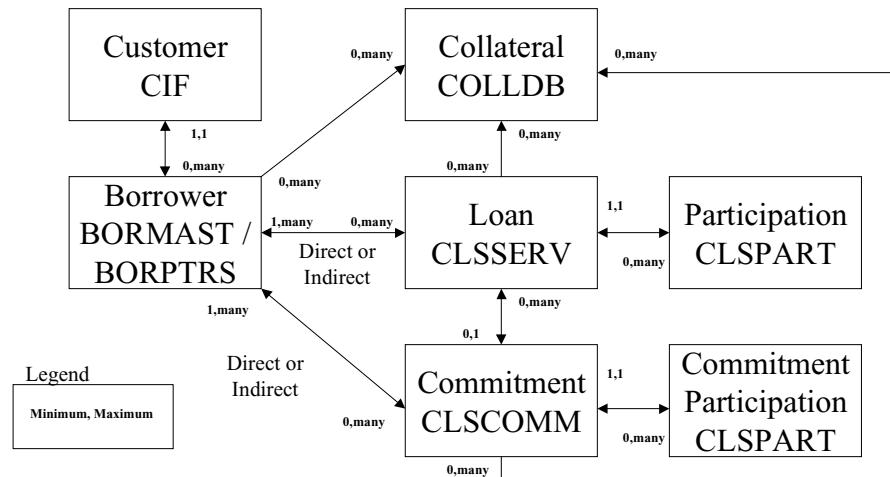
- Key Entity Relationships
- Secondary Index
- Database Inquiry Drivers



Key Entity Relationships



Key Entity Relationships





Notice About Database in the ILP Environment

- Finds the Keys and Pointers to Other Databases
- Other related systems
 - CIS
 - OCS
- Sequential Databases

Hogan Systems Browser

Objects:HDB

12/9/2002 9:34:00 AM

ADF Cis Address File
AIF Cis Account Interface File
BCA Batch Control Audit Data Base
BCAPG Batch Control Audit Data Base
BCASS Batch Control Audit Data Base
BORMAST Loans Borrower Support System Borrower Master Database
BORPTRS Loans Borrower Support System Borrower Pointers Database
BORX Borrower Cdmf Secondary Cross Reference Database To Hdb Bormast
CDS Cycle Data System
CHF Customer Hierarchy File
CIF Customer Information File
CISC Cis ControlParms By Company
CISX Cis Cross Reference Cdmf Database
CLSATF Cls Transaction History Data Base
CLSCOMM Commitment Data Base
CLSDLR Cls Dealer Data Base
CLSDOCS Cls Documents Required Data Base
CLSPART Cls Loan Participation Service
CLSPID Pending Ins Premium Disbursements
CLSRANT Cls Reserve Analysis Data Base
CLSSERV Loan Service Data Base

CLSSLGI Cls Student Loan Guaranteeing Institution
CLSX Cls Cdmf Secondary Cross Reference Database To Hdb Clsatf
CMTATF Cls Loan Transaction History Data Base
COLLDB Cls Collateral Data Base
COLLTDB Cls Collateral Tax Data Base
COLX Collected Cdmf Secondary Cross Reference Database To Hdb Colldb
CRF Daily Customer Account Setup Reports File
CVX Collateral Vin Cross Reference
DLRATF Cls Dealer History Data Base
ICR Icr Database
ILPCBDT Ilp Combine Billings Invoice Data Base
ILPCMBL Ilp Combine Billings Data Base
LAR Loan Analysis Report Data Base
LCLXMS Cls Cdmf Secondary Cross Reference Database To Hdb Clsatf
LCLXSS Cls Cdmf Secondary Cross Reference Database To Hdb Clsatf
LGS Guarantee Settlement Data Base
LLARMS Loan Analysis Report Data Base
LLARSS Loan Analysis Report Data Base
LLCAMS Cls Transaction History Data Base
LLCASS Cls Transaction History Data Base
LLCLMS Pending Ins Premium Disbursements
LLCLSS Pending Ins Premium Disbursements
LLCPMS Cls Loan Participation Service
LLCPSS Cls Loan Participation Service
LLCSMS Loan Service Data Base
LLCSSS Loan Service Data Base
LLPCMS Cls Rate Change Data Base
LLPCSS Cls Rate Change Data Base
LLPDMS Loan Service Past Due Data Base
LLPDSS Loan Service Past Due Data Base
LLPHMS Loan History Past Due Data Base
LLPHSS Loan History Past Due Data Base
LLPYMS Participation Financial History
LLPYSS Participation Financial History
LMGBKNG Lir Lsm Application Cdmf Formated Data Base
LMN Loan Maintenance History Data Base
LMX Cls Cdmf Secondary Cross Reference Database To Hdb Lmn
LOC Loan Mass Post Control
LOD Loan Mass Post Detail Items
LOI Loan Online Post Detail Items
LOS Loan Online Post Summary
LPD Loan Service Past Due Data Base
LPH Loan History Past Due Data Base
LPSICF Integrated Loans System Control File
LPSMEMO Integrated Loans System Control File
LPSRCHG Cls Rate Change Data Base
LPSRPTS Lps Reports Database
LPSTXNS Cls Transaction Data Base
LSMCRIT Loans Secondary Market Selection Criteria Database
LSMPKG Loans Secondary Market Package Database
LXF Loan Cross Reference Data Base
MLAAPPL Mla Application Data Base
MLABORR Mla Borrower Data Base
MLACOLL Mla Collateral Data Base
MLADOCS Mla Documents Data Base

MLAHIST Mla History Data Base
MLALIAB Mla Liability Data Base
MLAMIX Mla Mix Data Base
MLAPROJ Mla Projects Data Base
MLAX Mla Cdmf Secondary Cross Reference Database To Hdb Mlaborr
NAF Name And Address
OCSACT Ocs Actions And Comments Database
OCSCWLQ Ocs Collector Work Queue
OCSCUST Ocs Customer Identification Datagroup
OCSHIST Ocs Historical Periodic Statistics Database
OCSHOLD Ocs Interface Holding Data Base
OCSLTRS Hold Docs For Printing In Batch
OCSMNGT Ocs Management Database
OCSPRTY Ocs Priority Range Database
OCSRPTS Ocs Batch Reports Database
OCSSERV Ocs Service Database
OCSSYST Ocs Status Database
OCSX Ocs Cdmf Secondary Cross Reference Database To Hdb Ocsact
OLC Online Combine File
OLF Online Fixer File Broken Relationships
OLS Ols Online Account Scrub File
OTP The Otp Database
OTPPG The Otp Database
OTPSS The Otp Database
PAYX Pay Cdmf Secondary Cross Reference Database To Hdb Payment
PMT Payment System
PMTX Payment Cdmf Secondary Cross Reference Database To Hdb Payment
PRTATF Participation Financial History
PYM Loans Payee Master Database
PYR Loans Payee Remittance Database
RPTTRANA Enter Valid Description
RPTTRANB Enter Valid Description
RST Cis Copy Restraints
RSTPG Restraints Database
RSTSS Restraints Database
XLSACTY Construction Loan Budget Activity Data Base
XLSDISB Construction Loan Disburse Transfer Request Database
XLSITEM Construction Loan Cost Item Data Base
XLSSEERV Construction Loan Service Data Base
XLSX Xls Cdmf Secondary Cross Reference Database To Hdb Xlsacty

Database Datagroups in the ILP Environment

Hogan Systems Browser

Objects:Datagroup Database
12/9/2002 11:16:37 AM

10021 History Loan Payment Mods (LLCAMS)
10030 Loan Service Past Due Key (LLPDMS)
10031 Loan Service Past Due Information (LLPDSS)
10040 Loan History Past Due Key (LPH)
10041 Loan History Past Due Information (LLPHSS)
10076 History Payment Limits Datagroup (CLSATF)

- 10077 History Insurance Datagroup (LLCAMS)
 10079 History Automatic Payments (LLCASS)
 10080 History Insured Borrowers (LLCAMS)
 10081 Charge Off Information Datagroup (CLSATF)
 10088 Rate Reduction History Datagroup (LLCAMS)
 10089 Cashback Details History (LLCASS)
 10092 Split Billing History Information Data (LLCAMS)
 10093 Split Billing History Autopay Data (CLSATF)
 10094 Financial History Supplementar (LLCAMS)
 10096 Financial Transaction History (LLCASS)
 10097 Scheme Information History (LLCAMS)
 10098 Scheme Lxf History Datagroup (CLSATF)
 10198 IRS 1098 Tape Data Group
 10402 L10402 Loan Collection Delinqu (LLCSMS)
 10405 Delinquency History Information Date (LLCASS)
 10406 Billing History Information Data Group (LLCAMS)
 10407 History Other Billing (CLSATF)
 10408 CLS History Prepayments (LLCAMS)
 10409 CLS History Flip Data (LLCASS)
 10410 CLS History Average Billing Rate Data (LLCAMS)
 10411 CLS History Average Billing Statement Data (CLSATF)
 10412 Captz History (LLCAMS)
 10413 As Earned Ins Per Diem History (LLCASS)
 10414 Code And Demographic History (LLCAMS)
 10415 Fund Transfer Data (CLSSERV)
 10416 Payoff Quote Additional Information (LLCAMS)
 10417 Original Currency History Datagroup (LLCASS)
 10420 Combine Billing Information HDB (ILPCMBL)
 10421 Combine Billing Invoice (ILPCBDT)
 10425 Loans Cost Of Fund (LLCSMS)
 10430 Prt Finance Trxn Base Datagroup (PRTATF)
 10431 Participation Pay Post (LLPYSS)
 10432 Participation History Sale Information Datagroup (LLPYMS)
 10433 History Transaction Amount (LLPYSS)
 10434 Participation History Rate Change (PRTATF)
 10435 Participation Fee Income Datagroup (LLCPMS)
 10436 Participation History Rate Fee (LLPYMS)
 10437 Comm Participation Sale Histor (LLPYSS)
 10438 Participation Multiple Payment (PRTATF)
 10439 Comm Participation Rate And (LLPYSS)
 10440 Commitment Participation Fee (LLPYMS)
 10441 Participation History Fee Income Datagroup (LLPYSS)
 10442 Commitment Participation Spread (PRTATF)
 10443 Commitment Participation Rate (LLPYSS)
 10445 Commit History Rate And Fee Hd (CMTATF)
 10450 CLS Finance Trxn Base Datagroup Commit (CMTATF)
 10451 Transaction History Post Spread Commit (CMTATF)
 10454 Commit History Balance Act (CMTATF)
 10461 History Transaction Amount (CMTATF)
 10462 History Rate Change Commit (CMTATF)
 10463 Transaction Description Commit (CMTATF)
 10466 Fee Data Group (LLCAMS)
 10470 Pending Ins Disbursements (LLCLSS)
 10480 Dealer History Base Data Group (DLRATF)
 10481 Dealer History Statement Data (DLRATF)

- 10482 Commitment Additional Tiers (CLSCOMM)
- 10483 Commitment Scheme Demographics (CLSCOMM)
- 10484 Commitment Scheme Billing (CLSCOMM)
- 10485 Commitment Subsidy Parameters (CLSCOMM)
- 10486 Scheme Demographics Datagroup (LLCSMS)
- 10487 LPS Scheme Demographics Datagroup (LLCSSS)
- 10488 Loan Rate Reduction HDB Datagroup (LLCSMS)
- 10489 Cashback Details (CLSSERV)
- 10490 Participation Report Data (LLCPMS)
- 10491 Participation History Report Data (PRTATF)
- 10492 Split Billing Information Data Gr (LLCSMS)
- 10493 Split Billing Autopay Data Group (CLSSERV)
- 10497 International Use History (LLCAMS)
- 10498 User Data History (LLCASS)
- 10499 Clsserv Loan Sold Datagroup (LLCSMS)
- 10500 Participation Key Datagroup (CLSPART)
- 10501 Loan Service Key (LLCSMS)
- 10502 Code And Demographic (LLCSSS)
- 10503 CLS Loan Exception Datagroup (LLCSMS)
- 10504 Rest Assumption Reneg Debt Re (CLSSERV)
- 10505 Delinquency Information Data Group (LLCSMS)
- 10506 Billing Information Data Group (LLCSSS)
- 10507 Commit Pointer Datagroup (LLCSMS)
- 10508 Balance Act Information (CLSSERV)
- 10509 Rate Fee Datagroup (LLCSMS)
- 10510 Rate Modifiers Datagroup (LLCSSS)
- 10511 Collateral Pointer (LLCSMS)
- 10512 Participation Sale Information Datagroup (CLSPART)
- 10513 Participation Rate Fee (LLCPMS)
- 10514 Participation (LLCPSS)
- 10515 LPS Insurance Data Datagroup (LLCSMS)
- 10516 Student Loan Information Datagroup (CLSSERV)
- 10517 Dealer Reserve (LLCSMS)
- 10518 Dealer Recourse (LLCSSS)
- 10519 Clsserv Indirect Liability (LLCSMS)
- 10520 Consumer Demographic (CLSSERV)
- 10521 Loan Payment Mods (LLCSMS)
- 10522 Participation Premium Discount (LLCPSS)
- 10523 Other Billing Datagroup (LLCSMS)
- 10524 Discount Premium Datagroup (CLSSERV)
- 10525 Pending Change Datagroup (LLCSMS)
- 10526 Commitment Rate And Fee (CLSCOMM)
- 10527 Automatic Payments (LLCSMS)
- 10528 Beneficiary Demand Stmt (LLCSSS)
- 10529 Lender Ins Guarantee (LLCSMS)
- 10530 Commitment Key Data Group (CLSCOMM)
- 10531 Commitment Demogr Datagroup (CLSCOMM)
- 10532 Subsidiary Commitment Data Gro (CLSCOMM)
- 10533 Commitment Exceptions Data Gro (CLSCOMM)
- 10534 Commitment Delinquent Data Gr (CLSCOMM)
- 10535 Commit Billing Datagroup (CLSCOMM)
- 10536 Commit Automatic Payment Datagroup (CLSCOMM)
- 10537 Commitment Balance Data Group (CLSCOMM)
- 10538 Commitment Fee (CLSCOMM)
- 10539 Comm Route Mod (CLSCOMM)

- 10540 Commitment Pointer Data Group (CLSCOMM)
- 10541 Comm Participation Sale Information (LLCPMS)
- 10542 Comm Participation Rate Data (LLCPSS)
- 10543 Comm Participation Fee Rate Mo (LLCPMS)
- 10544 Commitment Letter Credit Datagroup (CLSCOMM)
- 10545 Charge Off Information Datagroup (LLCSMS)
- 10546 Commit Indirect Liability (CLSCOMM)
- 10547 Fiscal Year End Balance (LLCSMS)
- 10548 CLS All Inclusive Td (CLSSERV)
- 10549 CLS Flip Loan Datagroup (LLCSMS)
- 10550 CLS Finance Trxn Base Datagroup (LLCASS)
- 10551 Transaction History Post Spread (LLCAMS)
- 10552 History Balance Activity (CLSATF)
- 10553 Fiscal Year End Balance (LLCAMS)
- 10555 Rate History Datagroup (LLCASS)
- 10556 History For Interest Rate Limi (LLCAMS)
- 10557 Flip Automatic Payment Informa (CLSSERV)
- 10558 Extension Due Date Change History (LLCAMS)
- 10559 Capitalization (LLCSSS)
- 10561 History Transaction Amount (LLCAMS)
- 10562 History Rate Change (CLSATF)
- 10563 Transaction Description (LLCAMS)
- 10564 Reserve Disburse History Datagroup (LLCASS)
- 10565 Participation Investor Sevicing Fee Datagroup (LLCPMS)
- 10566 Fee Data Group (CLSSERV)
- 10567 CLS Loan Docs Datagroup (CLSDOCS)
- 10568 Loan Buydown Datagroup (CLSSERV)
- 10569 Loan Prepayment Penalty (LLCSMS)
- 10570 Student Loan Guarantee Inst (CLSSLGI)
- 10571 Guarantee Insttn Totals Database Datagroup (CLSSLGI)
- 10572 Rate Modifiers History Datagroup (CLSATF)
- 10574 CLS Reserve Balance History (LLCAMS)
- 10575 Interest Rate Limits (LLCSSS)
- 10576 Payment Limits Datagroup (LLCSMS)
- 10577 Additional Rate Tiers History (CLSATF)
- 10578 Clsserv Insured Borrowers (LLCSMS)
- 10579 Commitment Sub ALC Borrower (CLSCOMM)
- 10580 Additional Rate Tiers Datagroup (LLCSMS)
- 10581 CLS Prepayments (LLCSSS)
- 10582 Reserve Analysis Transaction (CLSRANT)
- 10583 CLS Sale Pending Datagroup (LLCSSS)
- 10584 Reserve Deposits (LLCSMS)
- 10585 Mortgage Demographic (CLSSERV)
- 10586 Sales Agreement (LLCPMS)
- 10587 CLS Govt Subsidy Datagroup (LLCSSS)
- 10588 Investor Balance Effective Service (LLCPMS)
- 10590 Dealer Key (CLSDLR)
- 10591 Dealer Demographic (CLSDLR)
- 10592 Dealer Reserve (CLSDLR)
- 10593 Dealer Totals (CLSDLR)
- 10594 Dealer Reserve Rate (CLSDLR)
- 10595 Prt Prepayments (LLCPMS)
- 10596 International Use (CLSSERV)
- 10597 International Use (LLCSMS)
- 10598 User Data (LLCSSS)

10600 Analysis Report Key (LLARMS)
 10601 Analysis Report Prior Period (LAR)
 1200 DDA LOC M Key Group (AMFMS)
 13043 General Ledger Interface Transaction
 13045 IDS Name Address Strip File Format
 13210 O L Transaction Data Strg
 13601 O L Report Data Strg (PCSE)
 13853 Investment Transaction
 16034 TCS OCS Interface Datagroup
 16039 System Status Available (OCSSYST)
 16390 Work Datagroup For N16390
 16391 Work Datagroup For N16391
 16500 Service Key Base Datagroup (OCSSERV)
 16501 Service Base Datagroup (OCSSERV)
 16503 Loans Information Datagroup (OCSSERV)
 16504 Cards Information Datagroup (OCSSERV)
 16510 Collections Customer Identific (OCSCUST)
 16520 Management Database Key (OCSMNGT)
 16521 Management Base Datagroup (OCSMNGT)
 16522 Management Statistics Datagroup (OCSMNGT)
 16523 Management Action Datagroup (OCSMNGT)
 16524 Management Distribution (OCSMNGT)
 16525 Management Retry (OCSMNGT)
 16530 Oeslrs Base Datagroup (OCSLTRS)
 16540 History Database Key (OCSHIST)
 16541 History Base Datagroup (OCSHIST)
 16542 History Account Type Stats Datagroup (OCSHIST)
 16543 History Aging Stats (OCSHIST)
 16550 Work Queue Key Datagroup (OCSCLWQ)
 16553 Work Queue Last Account Datagroup (OCSCLWQ)
 16560 Actions Comments Database (OCSACT)
 16561 OCS Extend Comments Datagroup (OCSACT)
 16570 Online Report Key (OCSRPTS)
 16580 Input Priority Database (OCSPRTY)
 16581 Priority Work Datagroup
 16727 OCS Application Interface (OCSHOLD)
 17210 LPS Internal Transaction
 17215 LPS Sorted Transaction
 17220 LPS Batch Tickler
 17500 LPS Online Implode (LPSRPTS)
 17505 LPS Online Transaction Database (LPSTXNS)
 17550 Memo Post Data Base (LPSMEMO)
 17551 Memo Balance Data Group (LPSMEMO)
 17552 Memo Transactions Data Group (LPSMEMO)
 17600 Lpsicf Base Datagroup (LPSICF)
 17601 ICF Report Totals (LPSICF)
 17602 LPS ICF Control Datagroup (LPSICF)
 17603 LPS ICF Last Nos (LPSICF)
 17605 Cupn Tape Record Datagroup
 17635 LPS Rchg Base (LLPCSS)
 17721 LPS Extension Transaction
 17727 Loans OCS Transaction
 17728 Automated Clearing Tape Datagroup
 17733 LPS Billing Data Group
 17939 Accls Global Parameter

17940 Accts Specific Borrower Param
 17948 ILP Report Print Line
 17971 Work Data Group Program L50971
 17972 Work Data Group Program L50972
 20100 Cross Reference Key Data Group (LXF)
 204767 Controlled Disburse Transaction
 205141 Output IDS Global Available Balance
 205142 Input IDS Global Available Balance
 209500 Transaction Warehouse Record
 210004 Dealer Reserve Rate (CLSDLR)
 210101 Data Group
 210102 Data Group
 210103 Data Group
 210104 Data Group
 210105 Data Group
 210106 Data Group
 210107 Data Group
 210108 Data Group
 210109 DB2 Extract
 210110 DB2 Extract
 210111 DB2 Extract
 210112 DB2 Extract
 210113 Data Group
 210114 Data Group
 210115 DB2 Extract
 210116 DB2 Extract
 210117 Data Group
 210118 Data Group
 210119 DB2 Extract
 210120 DB2 Extract
 210121 DB2 Extract
 210122 DB2 Extract
 210123 DB2 Extract
 210124 DB2 Extract
 210125 DB2 Extract
 210126 DB2 Extract
 210168 DB2 Extract Participation Information
 210169 DB2 Extract Participation Rate
 210170 DB2 Extract Participation Rate
 210171 DB2 Extract Participation Prep
 210395 ILP Transaction History Prg Master Input
 210396 ILP Transaction History Prg Master Output
 210398 ILP Transaction History Prg Transaction Output
 210700 ILP Batch Add Input Datagroup 210700
 220029 LPS External Transaction
 220052 Credit Bureau SDB Datagroup Metro
 220444 Loan Maintenance History Datagroup (LMN)
 220712 Fnma Service File
 220735 Scheme Billing Trigger File Datagroup
 220736 Defer Update SDB For Ilpcbd
 220738 Defeered Update SDB For Lpsicf
 220739 Defeered Update SDB For Clsslg
 220829 Release DB2 Datagroup
 220864 Blt Selection Criteria SDB Datagroup
 220865 Blt Mapping Criteria SDB Datagroup

24031 Hhf Resequence Control Code Datagroup
 24061 CIS Extract Copy Bank
 24068 CIS OLFF Batch Transaction
 24069 CIS Input Control Card
 24081 CIS CRF Key Base Segment (CRF)
 24201 M CIF Customer Key Segment
 24202 M CIF Indicator Customer Data
 24203 Dg24203 Prior To Cst1 1 2
 24204 M CIF Demographics
 24205 M CIF Crdt Score Segment
 24206 M CIF User Segment
 24207 M CIF Bank Reltnship
 24208 M CIF Service
 24209 M CIF RPM Customer Base
 24210 M CIF PCS Customer Base Segment
 24211 M CIF Customer Remarks
 24212 M CIF Reference Segment
 24213 M CIF Socl Relationship
 24214 M CIF Customer To Customer
 24215 M CIF Customer To Address
 24216 M CIF Customer To Act
 24217 M CIF Plan Segment
 24218 M CIF Balance Sh Segment
 24219 M CIF Coml Contact Data
 24221 M ADF Address Key Segment
 24222 M ADF Address To Customer
 24223 M ADF Address To Act
 24224 M ADF Household To Household Segment
 24225 M ADF Customer Remarks
 24231 M AIF Account Key
 24232 M AIF Act Remarks
 24233 M AIF Act To Customer
 24234 M AIF Act To Address Segment
 24235 M AIF Account Title
 24236 M AIF Act To Act Segment
 24237 M Aln Cl Note Segment
 24244 M CHF Customer Hierarchy Key Segment
 24250 CIS Act History
 24251 DDA Act Detail Segment
 24252 TDA Detail Base Segment
 24258 Dc Act Detail Segment
 24259 Crdt Code Act Detail Segment
 24262 CIS TCS Account Detail Datagroup
 24270 M CIF Officer Role Data
 24271 M CIF Organization Role Data
 24272 M CIF Segment Class Data
 24273 M CIF Phone Segment
 24274 M CIF Identifier Segment
 24301 M CIF Customer Key Segment (CIF)
 24302 M CIF Indicator Customer Data (CIF)
 24303 Dg24303 Prior To Cst1 1 Ne (CIF)
 24304 M CIF Demographics (CIF)
 24305 M CIF Crdt Score Segment (CIF)
 24306 M CIF User Segment (CIF)
 24307 M CIF Bank Reltnship (CIF)

24308 M CIF Service (CIF)
 24309 M CIF RPM Customer Base (CIF)
 24310 M CIF PCS Customer Base Segment (CIF)
 24311 M CIF Customer Remarks (CIF)
 24312 M CIF Reference Segment (CIF)
 24313 M CIF Socl Relationship (CIF)
 24314 M CIF Customer To Customer (CIF)
 24315 M CIF Customer To Address (CIF)
 24316 M CIF Customer To Act (CIF)
 24317 M CIF Plan Segment (BORPTRS)
 24318 M CIF Balance Sh Segment (CIF)
 24319 M CIF Coml Contact Data (CIF)
 24321 M ADF Address Key Segment (ADF)
 24322 M ADF Address To Customer (ADF)
 24323 M ADF Address To Act (ADF)
 24324 M ADF Household To Household Segment (ADF)
 24325 M ADF Customer Remarks (ADF)
 24331 M AIF Account Key (AIF)
 24332 M AIF Act Remarks (TDAINMS)
 24333 M AIF Act To Customer (AMFPG)
 24334 M AIF Act To Address Segment (AIF)
 24335 M AIF Account Title (AMFPG)
 24336 M AIF Act To Act Segment (TDAINMS)
 24340 CIS Act Master MIS Data (AMFSS)
 24341 M OLC Key Segment (OLC)
 24343 CIS Olf Fill Base Segment (OLF)
 24344 M Dg24344 (CHF)
 24370 M CIF Officer Role Data (CIF)
 24371 M CIF Organization Role Data (CIF)
 24372 M CIF Segment Class Data (CIF)
 24373 M CIF Phone Segment (CIF)
 24374 M CIF Identifier Segment (CIF)
 24400 CIS Maintenance Transaction Common
 24451 CIS ISI Scrub Input
 24452 CIS ISI Scrub Output
 24453 CIS ISI Match Input
 24454 CIS ISI Dedup Output
 24455 CIS Standard Scrub Output
 24456 CIS Dedup Input
 24457 Dedup Combine Output
 24461 Ols Account Scrub Base Rcd (OLS)
 24472 CIS Sequence Customer Control Code
 24473 CIS Sequence Address Control Code
 24474 CIS Sequence Account Control Code
 24500 CIS General Card I
 24601 CIS DB2 Customer Base Data
 24611 CIS DB2 Customer Remark Data
 24612 CIS DB2 Customer Reference Data
 24613 CIS DB2 Customer Soc Rel Data
 24614 CIS DB2 Customer To Customer Data
 24615 CIS DB2 Customer To Address Data
 24616 CIS DB2 Customer To Account Data
 24617 CIS DB2 Customer RPM Plan Data
 24618 CIS DB2 Customer Balance Sheet Data
 24619 CIS DB2 Customer Coml Contact Data

24621 CIS DB2 Address Table
24622 CIS DB2 Address To Customer Table
24623 CIS DB2 Address To Account Table
24624 CIS DB2 Address To Address Table
24625 CIS DB2 Address Remark Table
24631 CIS DB2 Account Base Data
24632 CIS DB2 Account Remark Data
24633 CIS DB2 Account To Customer Data
24634 CIS DB2 Account To Address Data
24635 CIS DB2 Account Title Data
24636 CIS DB2 Account To Account Data
24644 CIS DB2 Customer Hierarchy Data
24645 CIS DB2 Customer Role Data
24670 CIS DB2 Officer Role Data
24671 CIS DB2 Organization Role Data
24672 CIS DB2 Segm Clsfc Data
24673 CIS DB2 Phone Information Table
24674 CIS DB2 Identifier Information Table
24688 CIS ControlParms By Company (CISC)
24695 CIS DB2 Customer Secnd Name Data
25081 CIS Extract For ADF Scrub
25123 CIS DB2 Rel 1 2 Customer Data
25124 CIS DB2 Rel 1 3 1 Customer Date
25125 CIS DB2 Rel 1 3 Phone Number
25126 CIS DB2 Rel 1 2 Account Base
25127 CIS DB2 Rel 1 3 Account Base
25128 CIS DB2 Rel 1 2 Account Remark
25129 CIS DB2 Rel 1 3 Account Remark
25130 CIS DB2 Rel 1 2 Address Remark
25131 CIS DB2 Rel 1 3 Address Remark
25132 CIS DB2 Rel 1 2 Customer Remar
25133 CIS DB2 Rel 1 3 Customer Remar
25254 CIS RIS Relationship Role Defi
25255 CIS RIS Log Work Area
25259 CIS RIS Customer Address Load Datagroup
25262 CIS RIS Customer Characteristic Re
25265 CIS RIS CIF Rel Role Load Datagroup
25266 CIS RIS CIF Segm Class Load Datagroup
25267 CIS RIS CIF Hierarchy Load Datagroup
25268 CIS RIS Generic Transaction
25276 CIS ET Maintenance Log Record
25278 CIS ET Cabinet Maintenance Datagroup
25462 CIS CDMF Item DB2 Load File
25493 CIS ATO Invalid TFN Magnetic Tape
25523 CIS DB2 Customer Table
25524 CIS DB2 Comm Customer Table
25525 CIS DB2 Individual Customer Table
25526 CIS DB2 Customer To Account Table
25527 CIS DB2 Customer To Address Table
25528 CIS DB2 Account Table
25529 CIS DB2 Address Table
25530 CIS DB2 Account To Address Table Datagroup
25531 CIS DB2 Customer To Customer Table
25540 Customer Definition Maintenance Reco
25541 Customer Inst Relationship Role Ma

25542 Customer Inst Segment Category Maintenance Rec
 25543 Customer Hierarchy Maintenance Rec
 25551 CIS ISI ISI Scrub Input
 25552 CIS ISI ISI Scrub Output
 25553 CIS ISI Isimatch Input
 25554 CIS Isimatch Output
 25960 CIS DB2 Csutomer Data Base Con
 26500 Py Mstrfile (PYM)
 26510 Py Name Address (PYM)
 26520 Py Remit (PYR)
 26600 Py Remit Transaction
 27210 Borrower Internal Transaction
 27500 Borrower Base Datagroup (BORMAST)
 27501 Borrower Account Inquiry Datagroup (BORMAST)
 27502 Borrower Credit Review Totals (BORMAST)
 27508 Borrower Business Principal Datagroup (BORMAST)
 27509 Borrower Major Entity Datagroup (BORMAST)
 27510 Borrower Finance Disclosur Datagroup (BORMAST)
 27511 Borrower Non Business Datagroup (BORMAST)
 27512 Borrower Co Borrower Datagroup (BORMAST)
 27513 Borrower Student Loan Datagroup (BORMAST)
 27514 Borrower Multi Default (BORMAST)
 27550 Borrower Pointer Datagroup (BORPTRS)
 27551 Borrower Indicator Liability Datagroup (BORPTRS)
 27552 Borrower To Borrower Datagroup (BORPTRS)
 27597 For International Use (BORMAST)
 27598 Borrower User Data (BORMAST)
 28070 Collected Vin Cross Reference Base (CVX)
 28152 Intact Data Svs Prcn
 28165 Collected Wk Datagroup L28165d
 28167 Collected Tax Payment Datagroup
 28169 Collected Tax Or Wk Datagroup
 28500 Collected Base (COLLDB)
 28502 Collected Property Mh Appraisl (COLLDB)
 28510 Collected Real Property Description (COLLDB)
 28512 Collected Mobile Home Description (COLLDB)
 28514 Collected Vehicle Description (COLLDB)
 28515 Collected Deposit Description (COLLDB)
 28516 Security Description (COLLDB)
 28517 Collected Other Coll Description (COLLDB)
 28518 Collected UCC Data (COLLDB)
 28520 Collected Real Property Units (COLLDB)
 28522 Collected Pledge (COLLDB)
 28524 Collected Tax Other Escrow (COLLDB)
 28526 Collected Add Tax No Datagroup (COLLDB)
 28528 Collected Other Liens (COLLDB)
 28530 Collected Title Held (COLLDB)
 28532 Collected Add Description Datagroup (COLLDB)
 28534 Collected Property Damage Ins (COLLDB)
 28536 Collected Exceptions (COLLDB)
 28537 Release Register Datagroup (COLLDB)
 28538 Collected Pdi Co Agent N (COLLDB)
 28540 Collected Pdi Action (COLLDB)
 28542 Collected Pdi Additional Collected Cov (COLLDB)
 28546 Collateral Ticklers Datagroup (COLLDB)

28548 Collected Vault Receipts Information Data (COLLDB)
 28549 Collected Bond Number Information (COLLDB)
 28550 Collected Tax Disburse (COLLTDB)
 28998 Collected Pricing Tax Test Datagroup
 29601 Loans Interface To OCS Datagroup
 29809 LPS Global Internal Transaction
 30000 MASS Post Control (LOC)
 30001 MASS Post Items (LOD)
 30002 Online Post Items (LOI)
 30003 Online Post Summary (LOS)
 30010 Loan Guarantee Settlement Key (LGS)
 30011 In Outgoing Guarantee Settlem (LGS)
 30012 Loan Guarantee Settlement (LGS)
 30096 Loan Service Float Details (LLCSSS)
 32500 Construction Loan Base Datagroup (XLSSERV)
 32501 XLS Sub Lip Datagroup (XLSSERV)
 32502 XLS Construction Demographic Datagroup (XLSSERV)
 32504 Contractors Datagroup (XLSSERV)
 32505 Monetary Holds Datagroup (XLSSERV)
 32506 Monet Holds Release (XLSSERV)
 32507 Construction Milestone (XLSSERV)
 32508 Construction Inspection Datagroup (XLSSERV)
 32509 Sub Lip Inspection History Datagroup (XLSSERV)
 32511 Construction Budget Datagroup (XLSSERV)
 32512 XLS SI Budget Datagroup (XLSSERV)
 32520 Cost Item Base Datagroup (XLSITEM)
 32521 Cost Item Demographics Datagroup (XLSITEM)
 32522 Pending Disburse Pointer (XLSITEM)
 32523 Inspection Detail (XLSITEM)
 32524 Sub Contracts Datagroup (XLSITEM)
 32525 Preliminary Notice Datagroup (XLSITEM)
 32526 XLS Inspection Items Datagroup (XLSITEM)
 32530 Disburse Request Base Datagroup (XLSDISB)
 32531 Disburse Line Item Datagroup (XLSDISB)
 32532 Disburse Request Basic Data (XLSDISB)
 32540 Cost Item Activity Base (XLSACTY)
 32541 XLS Activity Datagroup (XLSACTY)
 3311 Name Address Data Key (NAF)
 3312 Name Address Base Data (NAF)
 3313 Name Address Name Data (NAF)
 3314 Name Address Data (NAF)
 3319 NAF Batch Maintenance Transaction
 3322 NAF Extract Rcd
 3500 TDA M Key Group (TDASS)
 36099 Work Datagroup
 36500 GLI Transaction
 36502 GLI Summ Transaction
 36503 General Ledger Int Fcs
 36504 General Ledger Int Msa
 36900 Generate Ledger Warehouse Datagroup
 36901 GLI Warehouse Master Datagroup
 37244 Currency Batch Load Data Group
 37245 Currency Batch Load Reformat
 37501 Payment System Key Datagroup (PMT)
 37502 Payment System Variable Data (PMT)

37574 Payment System Batch Input Fill
 38025 Set Date Get Date SDB
 38100 FSS Cross Reference Database Structu (ICR)
 38181 Procesing Group Xfers Output
 38509 SIM CDS Interface Datagroup
 38514 TCS ODS Interface Comm Datagroup
 38950 EBS Account Customer Application Data Broadc
 39124 LSM Fannie Mae Tape Format For
 39510 Lsmpkg Base Datagroup (LSMPKG)
 39511 LSM Processing Parameters (LSMPKG)
 39512 LSM Sales Package Demographics (LSMPKG)
 39513 LSM Report Control (LSMPKG)
 39514 LSM Funding Information (LSMPKG)
 39515 Investor Report Maintenance (LSMPKG)
 39520 LSM Selection Criteria Base (LSMCRIT)
 39521 LSM Selection Criteria Actions (LSMCRIT)
 39522 LSM Selection Criteria Values (LSMCRIT)
 39551 LSM Sales Package Document Needed (LSMPKG)
 39552 LSM Sales Package Cost Of Sale (LSMPKG)
 39557 LSM Sales Package Insurance (LSMPKG)
 39795 LSM Mbs Schedule Of Mortgages
 41125 Mla Batch Datagroup Work To Move Ap
 41128 Mla Documents Old Format
 41450 Mla Fee Tracking Datagroup (MLAAPPL)
 41500 Mla Application Base (MLAAPPL)
 41501 Mla Borrower Base (MLABORR)
 41502 Mla Empl (MLABORR)
 41504 Mla Other Income (MLABORR)
 41505 Mla Curr Hsgn (MLABORR)
 41506 Mla Assets (MLABORR)
 41507 Mla Liabs (MLALIAB)
 41508 Mla Real Estate Owned Reo (MLABORR)
 41509 Mla Previous Va (MLABORR)
 41510 Mla Previous FHA (MLABORR)
 41511 Mla Finance Discount (MLABORR)
 41512 Mla Busn Principal (MLABORR)
 41513 Mla Coll Base (MLACOLL)
 41514 Mla Real Property (MLACOLL)
 41515 Mla Mobile Home (MLACOLL)
 41516 Mla Other Coll (MLACOLL)
 41517 Mla Additional Description (MLACOLL)
 41518 Mla Billing Information Datagroup (MLAAPPL)
 41519 Mla Automatic Payment Datagroup (MLAAPPL)
 41520 Mla Pdi (MLACOLL)
 41521 Mla Tax Authorization (MLACOLL)
 41522 Mla Tax Account Number (MLACOLL)
 41523 Mla Other Liens (MLACOLL)
 41524 Collateral Units (MLACOLL)
 41526 Mla Transaction History (MLAHIST)
 41527 Mla Refi Hm Imp (MLAAPPL)
 41528 Mla Proposed Housing Expense (MLAAPPL)
 41529 Mla Documents (MLADOC)
 41530 Mla Application Disp (MLAAPPL)
 41531 Loan Reserve Ds (MLAAPPL)
 41532 Mla Pmi FHA Va (MLAAPPL)

41533 Mla MCI (MLAAPPL)
 41534 Mla Ln Service Datagroup (MLAAPPL)
 41535 Mla Pending Sale (MLAAPPL)
 41536 Mla Payoffs (MLAAPPL)
 41537 Mla Holdbacks (MLAAPPL)
 41538 Mla Liability Key (MLALIAB)
 41550 Projection Base Datagroup (MLAPROJ)
 41551 Mla Projection Mix Base (MLAMIX)
 41552 Mla Projection Comm Datagroup (MLAPROJ)
 41554 Mla Projection Phse Base (MLAPROJ)
 41555 Mla Projection Mix 1 Datagroup (MLAMIX)
 41556 Mla Projection Mix 2 Datagroup (MLAMIX)
 41557 Mla Projection Mix 3 Datagroup (MLAMIX)
 41558 Mla Projection Mix 4 Datagroup (MLAMIX)
 41559 Mla Projection Mix 5 Datagroup (MLAMIX)
 41560 Mla Rate Mods (MLAAPPL)
 41561 Mla Payment Mods (MLAAPPL)
 41562 Mla Int Rate Limits (MLAAPPL)
 41563 Mla Payment Limits (MLAAPPL)
 41565 Mla Lend Policy Datagroup (MLAAPPL)
 41580 Mla Online Report Database
 41590 Mla Offline File
 43503 Pending Ins Disbursements
 48005 CDMF Base Datagroup (XLSX)
 48006 CDMF Cross Reference Datagroup (XLSX)
 5503 General Ledger Inf Interim Transaction
 5505 General Ledger Interface Fcs
 5508 General Ledger Interface Transaction
 5509 Bca Date Data Rec (BCAPG)
 5517 General Ledger Interface Msa
 5518 General Ledger Interface Msa Release 21
 5558 General Ledger Interface Transaction
 5607 Monthly ARP Data
 5620 Automated Clearing Data String
 5700 Statement Common Rec
 5800 Restraint Mast Key (RST)
 5801 Restraint Stp Pays (RSTPG)
 5802 Restraint Duplicate Checks (RSTSS)
 5803 Restraint Pledges (RSTPG)
 5804 Restraint Hard Holds (RST)
 5850 Restraint Transaction
 5941 CWS Header Detail Record
 5963 CWS O U Or U O Check
 8180 Online 80 Byte Record
 8250 RPM 80 Byte Transaction
 8301 RPM Consolidate His Transaction
 8840 CDS Key Datagroup (CDS)
 8841 CDS Name Datagroup (CDS)
 8855 CDS Batch Interface
 8880 CDS FTFR Dynamic Datagroup (CDS)
 8881 CDS Target Dynamic Datagroup (CDS)
 8882 CDS Trigger Dynamic Datagroup (CDS)
 8883 CDS Combine Dynamic Datagroup (CDS)
 8884 CDS Rpmc Dynamic Datagroup (CDS)
 8885 CDS Rpmr Dynamic Datagroup (CDS)

8886 CDS CMBC Dynamic Datagroup (CDS)
8887 CDS PCSC Dynamic Datagroup (CDS)
8966 CDS Batch Datagroup
9200 OTP Key Datagroup (OTPSS)
9201 OTP Control Datagroup (OTPPG)
9202 OTP Transaction Datagroup (OTP)
9203 OTP Totals Datagroup (OTPPG)
9204 OTP Input Datagroup
9206 OTP Nsh Datagroup
9260 PCD Print Parameters
9262 OTP PCD Print Datagroup



Database Inquiry Drivers

- Standard drivers exist to support creating inquiry FPS functions without additional programming
- For displays from base and one other datagroup
- The Driver is called by the Link Activity on the FPS Control Record
- PCD 17472 provides driver parameters



Inquiry Drivers

- L50022 (17022) Display from CLSSERV
- L50024 (17024) Display Commitment data
- L50027 (17027) Display History Data
- L50030 (17030) Display Participations data
- L32055 (32055) Construction Loan
- L32056 (32056) Construction Loan
- L32057 (32057) Construction Loan
- L32058 (32058) Construction Loan



Database Access Activity Standard

- Datagroup 105xx is read by HDB activity 200xx for support of the inquiry drivers.



Inquiry Driver Example

- Using screen prompt LRFI, notice
 - Map is normal, with normal includes
 - FPS control record refers to driver
 - PCD 17472 entry for LRFI
 - Datagroup
 - HDB Activity
- Visit Driver L50022

L50022 - CLSSERV Driver





Your Turn: What's Missing from the Diagram, and Why?



Dynamic Datagroup Allocation

- Extra HDB datagroup is not on the program definition.
- It's specified on a PCD, and dynamically allocated by the driver.



Notice About the Inquiry Driver

- How Keyed Associates are handled
- Refreshing of Global Datagroup
- Dynamic Allocation



Database Inquiry Exercise

- Create FPS prompt TCxx where xx is from your logon ID, using your previously created map
- Add two fields of your choice from the CLSSERV database to your map
- Display your map using an inquiry driver



Screens Requiring Multiple Datagroups

- Example LGEN. Notice
 - L50999 invoked from many scenarios
 - Datagroups from multiple databases, including
 - collateral
 - borrower
 - HDB activity called by program
 - Payoff Quote module called, and all the other callers for payoff quotes
 - L50002 global DG update

L50599 - General Loan Inquiry

Browser Diagrammer - Focused on L50599 - General Loan Inquiry

L50599 - General Loan Inquiry

CLSAEIN	CLSFPPD	CLSLGEN	CLSLGN1	CLSLGN2	CLSLINS
L50599	17360	17451	17441	17450	17453
	/	10000	18830	13859	1452
17040	17093	17326	17665	17699	17670
17735	20037	28057	29954	8430	8012
70501	70502	70626	70606	70608	70509
70570	70575	70620	70523	70527	10666
10590	10584	17950	17951	27500	27510
27511	27595				
L20786	L20651	L29964	L29960	L50002	L50040
L50407	L50505	T50900	/S/5337		L50093

Clipboard | Print | ChangeFocus | Close | Help | Legend |

Objects: (row, column) 12/11/2002 3:00:23 PM

- (1,1) CLSAEIN Add Can Ren As Earned Ins
- (1,2) CLSFPPD LPS Forced Place Insurance
- (1,3) CLSLGEN CLS General Loan Inquiry
- (1,4) CLSLGN1 CLS General Loan Inquiry
- (1,5) CLSLGN2 General Loans Inquiry Screen 3
- (1,6) CLSLINS CLS Financed Insurance Maintenance
- (2,1) L50599 General Loan Inquiry
- (2,2) 17360 Pcd17360 For Ready Credit
- (2,3) 17431 Loan Type Control PCD
- (2,4) 17441 LPS Late Charge PCD
- (2,5) 17450 Fee Calculation PCD
- (2,6) 17453 Loan Company Option PCD
- (2,7) 2510 P Name Address User Data
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) 10000 LPS Global Screen Datagroup
- (3,4) 13530 Account # Edit Wk Area
- (3,5) Datagroup: 13589 I53589D FPS Comm Comunic Datagroup
- (3,6) Datagroup: 1452 I57101D PCD Control Block
- (3,7) 17008 LPS Date Edit Work
- (4,2) 17040 Payoff Quote Work
- (4,3) 17093 Addon Intr Work Datagroup
- (4,4) Datagroup: 17305 U48305D Umbrella Example Dynamic Attribute
- (4,5) 17565 Billing Shed Wk Datagroup
- (4,6) 17599 Lgen Work Datagroup
- (4,7) 17670 Rate Fee Table Datagroup
- (5,2) 17735 Loan Date INIT
- (5,3) Datagroup: 2008 T58001D DTS
- (5,4) 28657 Collected Wk Datagroup L28657d
- (5,5) 29954 Calculation Available Balance Work Datagroup
- (5,6) 3430 Name Address Work Area
- (5,7) 8012 Deposit Enviroment Work
- (6,2) Stored Datagroup: 10501 L10501D Loan Service Key
- (6,3) Stored Datagroup: 10502 L10502D Code And Demographic
- (6,4) Stored Datagroup: 10505 L10505D Delinquent Information Data Group
- (6,5) Stored Datagroup: 10506 L10506D Billing Information Data Group
- (6,6) Stored Datagroup: 10508 L10508D Balance Act Information
- (6,7) Stored Datagroup: 10509 L10509D Rate Fee Datagroup
- (7,2) Stored Datagroup: 10510 L10510D Rate Modifiers Datagroup
- (7,3) Stored Datagroup: 10515 L10515D LPS Insurance Data Datagroup
- (7,4) Stored Datagroup: 10520 L10520D Consumer Demographic
- (7,5) Stored Datagroup: 10523 L10523D Other Billing Datagroup
- (7,6) Stored Datagroup: 10527 L10527D Automatic Payments
- (7,7) 10566 Fee Data Group (CLSSERV)
- (8,2) 10580 Additional Rate Tiers Datagroup (LLCSMS)
- (8,3) 10584 Reserve Deposits (LLCSMS)
- (8,4) 17550 Memo Post Data Base (LPSMEMO)
- (8,5) 17551 Memo Balance Data Group (LPSMEMO)
- (8,6) 27500 Borrower Base Datagroup (BORMAST)
- (8,7) 27510 Borrower Finance Disclosur Datagroup (BORMAST)
- (9,2) 27511 Borrower Non Business Datagroup (BORMAST)
- (9,3) 27598 Borrower User Data (BORMAST)
- (10,1) L20786 CDMF Read Program For New Technical Pcds
- (10,2) L28057 LPS Collected Interface

(10,3) L29954 Calculation Available Balance For Loan Commitment
(10,4) L29960 Check Environment
(10,5) L50002 Update Global Datagroup
(10,6) L50040 Payoff Quote
(10,7) L50093 Add Addon Intr To Curr Balance For Report
(11,1) L50407 Maintenance INIT For Loan
(11,2) L50565 Billing Schedule Build
(11,3) T50300 Retrieve Act N
(11,4) CP!U50530?

Secondary Indices



Secondary Indices

- Accessing a database by an alternate key
- Maintained totally by Umbrella
- Specified on HDB XPRM screen
- Stored on an ILP database, such as CLSX



Notice About the Secondary Indices

- How specified on XPRM
- CDMF Format for Storing Indices
- Turning off and Rebuilding



Basic Method of Acquiring ILP Data

- Drivers Issue HDB Activities which are specific to the datagroups and actions required
- Example L50011 - Real-Time Posting Driver

Fundamentals of Programs

Programs in the ILP Environment



Notice About ILP Programs

- Naming
- Interfaces
- Screen Processors
- Related Systems



Common ILP Service Programs

- L50009 (17009) Write GENP
- L50002 (17002) Update Global DG Loans
- L50006 (17006) Read Lending Policy
- L50012 (17012) Update Global DG Participations
- L50013 (17013) Loan Number and Product Convert
- L50018 (17018) Update Last Maintenance Date
- L50100 (17100) Payment Calculation
- L50407 (17407) BCTL data for Company
- L50888 (17888) APR Calculation



Other Common Service Programs...

- U48000 (1013) Converted PCD I/O (UMB)
- U48000 (48000) CDMF I/O (UMB)
- I55150 (1142) EFS Interface (UMB)
- T58550 (1350) Condition Code Processing CCP (UMB)
- T58550 (1398) CCP for Description (UMB)
- T50300 (2300) Name Address Retrieval (FSS)
- I47012 (8012) Environment for Company (ILP)
- U50530 (13530) Loan Number Conversion (FSS)
- I53555 (13555) FPS/EFS interface (UMB)

Hogan Systems Browser**Objects:Program(COBOL)**

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A64002	CIS Date Validate
A64003	CIS Database Interface Program
A64004	CIS ADF Database Interface
A64005	CIS AIF Database Interface
A64006	CIS Relationship Servicer
A64010	CIS CIF Database Interface
A64011	CIS Database Base Delete Move Program
A64012	CIS Database Segment Copy Move Program
A64013	CIS DDA Database Interface
A64014	CIS TDA Database Interface
A64015	CIS Interface Hogan DDA
A64016	CIS DDA CIS Return
A64018	CIS Interface Hogan TDA
A64019	CIS Interface Hogan LOC
A64022	CIS Dc Database Interface
A64023	CIS Interface Hogan Dc
A64024	CIS Check Digit Interface
A64025	CIS CDS Interface
A64029	CIS CIF Customer Number Setup
A64031	CIS ADF Pre Resequence
A64032	CIS Build Dedup Input
A64033	CIS Build Combine Output
A64034	CIS OLCC From Generate
A64035	CIS Cucu Transaction Match
A64036	CIS RPM Segment Maintenance
A64037	CIS TDA ISI Scrub Input
A64038	CIS AMF ISI Scrub Input
A64039	CIS Resequence ADF Household
A64040	CIS Batch Maintenance Driver
A64042	CIS User Segment Maintenance
A64044	CIS Build ISI Dedup Transaction
A64045	CIS Build Combine From ISI
A64046	CIS OLCC From ISI
A64047	CIS Convert UDP Scrub
A64048	CIS Convert ISI Scrub
A64049	CIS Batch Maintenance Transaction Build
A64050	CIS Customer Profile Driver
A640501	CIS Customer Label Driver
A640502	CIS Customer Label Driver
A640503	CIS Customer Label Driver
A640504	CIS Customer Label Driver
A64051	CIS Customer Profile
A64053	CIS Strip File Total
A64055	CIS Company Decomp CIF Datagroups D R Exit
A64056	Build CIS User Test File
A64057	Drop Duplicate Transaction Created By 24056 Program
A64058	CIS Customer Number Resequence Dump
A64059	CIS Customer Number Resequence Restore
A64060	CIS Int Extension Driver
A64061	CIS Integration Extract Build

A64062 CIS Integrity SPS Maintenance String
 A64064 CIS Integrity Exception
 A64065 CIS Integrity Olf Batch Driver
 A64070 CIS Build Exact Dedup
 A64071 CIS AIF To Application Master Segment Move
 A64072 CIS CIF Sequence Reader
 A64073 CIS ADF Sequence Reader
 A64074 CIS AIF Sequence Reader
 A64075 CIS CIF Conversion Rel 1 2 To Cst1
 A64076 Expanded Key Rebuild
 A64077 Loan Customer To Account Maintenance
 A64078 CIS Loan Database Interface
 A64079 CIS Loan Setup Interface
 A64080 CIS CRF Purge Program
 A64082 CIS CRF Database Report Processor
 A64083 CIS CRF Customer Profile Report
 A64084 CIS CRF Act Profile Report
 A64085 Soundex Key Rebuild
 A64086 CRF Hierarchy Data Servicer
 A64087 CIS MIS Validation PCD
 A64088 CIS CHF Database Interface
 A64089 EMS Batch Extract Program
 A64090 CIS Restore Exit Create New Company
 A64091 Bormast APSP Flag Conversion
 A64092 AIF Expand For Currency Code
 A64093 CIS Acac Segment Restore Exit For RPM Field
 A64094 CIS Restore By Product
 A64095 CIS RPM Segment Rest Exit
 A64096 CIS Restore By Coid
 A64097 CIS Database Conversion For Soundex Field
 A64100 CIS Menu Processor
 A64105 CIS Propagate Maintenance
 A64110 CIS Account Name Address Phone Inquiry
 A64111 CIS Account Setup Maintenance Driver
 A64112 CIS AIF Act Customer Rel
 A64113 CIS History Maintenance
 A64114 CIS AIF Act Remark
 A64115 CIS Account Key Field Description Module
 A64116 CIS AIF Act Rel
 A64117 Customer Act Title Maintenance
 A64118 Customer Act Title Maintenance
 A64119 CIS Generate Purpose Setup
 A64120 CIS Customer Locate
 A64121 CIS Individual Customer Setup
 A64123 CIS Individual Customer Maintenance
 A64125 CIS Customer Act Restraint
 A64126 CIS CIF Customer Balance Inquiry
 A64127 CIS CIF Customer Act Rel
 A64128 CIS Customer Address Setup Maintenance
 A64129 CIS Customer Bank Rel Service
 A64130 CIS CIF Customer Rel
 A64131 CIS Customer Combine
 A64133 CIS Customer Hierarchy
 A64134 CIS Customer Miscellaneous Data
 A64135 CIS Individual Customer Profile

A64137 CIS Customer Relationship
 A64138 CIS CIF Customer Remark
 A64139 CIS Separate Customer
 A64140 CIS Customer Account Officer Maintenance
 A64141 CIS Key Field Description Module
 A64142 CIS RPM Act Detail Maintenance
 A64143 CIS RPM Customer Maintenance
 A64144 CIS Account Profile
 A64145 CIS PCS Customer Maintenance
 A64146 CIS Account Relationship
 A64147 CIS ISI Account Maintenance
 A64148 CIS CRF New Customer Dis
 A64149 CIS CRF New Account Dis
 A64150 CIS Address Account Relationship
 A64151 CIS Address Household Combine
 A64152 CIS Address Customer Rel
 A64153 CIS Address Locate
 A64154 CIS Customer To Officer Role
 A64155 CIS Address Profile
 A64156 CIS ADF Address Household Rel
 A64157 CIS Address Household Separate
 A64158 CIS ADF Address Setup
 A64159 CIS Customer Address List
 A64160 CIS Account Address List
 A64161 CIS Rel Fixer
 A64162 CIS Customer To Organization Role
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 A64166 CIS CIF Customer Balance Equivalent
 A64167 CIS Customer Account Address Maintenance
 A64168 CIS Address Maintenance Customer
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 A64172 CIS Customer Hierarchy Maintenance
 A64174 CIS ADF Household Rel
 A64175 CIS ADF Household Profile
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 A64179 CIS Customer Hierarchy Display
 A64180 CIS PCD 24180 Rel Read
 A64181 CIS PCD 24181 Product Code
 A64182 CIS PCD 24182 Non Relationship
 A64184 CIS Cross Company PCD 24184 Pre Writeoff Random Tb Load
 A64185 CDS CIS PCD 24185 Read
 A64186 PCD 24186 Maintenance Exit
 A64187 CIS PCD 24187 Rel Edit
 A64188 CIS PCD 24188 Cross Reference PCD Update
 A64189 CIS PCD 24188 Cross Reference Update
 A64190 CIS Help Processor
 A64194 CIS PCD 24194 Edit Module
 A64195 CIS PCD 24195 ATO TFN Type Description
 A64196 CIS PCD 24196 Edit
 A64197 CIS PCD 24197 Edit
 A64198 CIS OLC Build Test Screen

A64199 CIS Key Build Test Screen
 A64688 A64688
 A64689 CIS I O Program CIS Control Parameter By Company
 A64700 CIS Act Detail Driver
 A64701 CIS Account History Transfer Driver
 A64999 CIS Model Program
 A65000 CIS RPM Account Number Transfer Between Application
 A65006 CIS Cuac Adac Acac Update For Account Number Convert
 A65008 CIS ADF Key Build Email
 A65013 CIS History Maintenance Hogan DDA AMF
 A65014 CIS History Maintenance Hogan TDA
 A65018 CIS Acquirer Database Interface
 A65019 CIS Acquirer Account Setup Interface
 A65020 CIS CAMS Plastic Rel Database Interface
 A65021 CIS TCS CASS Account Rel Database Interface
 A65022 CIS TCS Card Database Interface
 A65023 CIS Card Setup Interface
 A65024 SIM Account To Account Validation Program
 A65025 CIS SIM AIF Account Validation
 A65026 CIS SIM Maintenance To Rev Account To Account Link
 A65027 CIS SIM Account Transfer
 A65028 IDS Branch Transfer Cross Group
 A65029 CIS CASS II Setup Interface
 A65030 CIS Distribution Account Setup Interface
 A65031 CIS SIM Interface Name Address Build
 A65032 CIS SIM Interface Ra Build
 A65033 CIS MASS Database Interface
 A65034 CIS MASS Setup Interface
 A65035 CIS CAPS Data Base Interface
 A65036 CIS CAPS Account Setup Interface
 A65037 CIS TDA ISI Scrub Input
 A65038 CIS AMF ISI Scrub Input
 A65039 SIM Service Module For AIF
 A65040 CIS SIM Interface Address Build From ILS
 A65041 UCS CIS Customer Address Retvl SIM
 A65042 CIS Relationship Code Validation SIM Interface
 A65043 UCS CIS N A Transaction Build SIM
 A65044 CIS Build Isimatch Dedup Transaction
 A65045 CIS Build Combine From Isimatch
 A65046 CIS OLCC From Isimatch
 A65048 CIS Convert ISI Scrub
 A65050 Move Customer Base Event Data To Datagroup 38535
 A65051 CIS Customer Sequential Extract
 A65052 Customer Aging Attrition Extract Compar
 A65053 CIS MASS Change Build Program
 A65054 DB2 Extract Program
 A65056 CIS UCS Iap Setup Interface
 A65057 CIS Card Cuse Propagation
 A65060 Customer Service Routine
 A65061 Address Service Routine
 A65062 Account Service Routine
 A65063 Deposit Product File Locator
 A65065 SIM Customer Information And Or Address Custinfo
 A65066 Move Customer Key Chg Event Data To Datagroup 3853
 A65067 Move Customer Combine Event Data To Datagroup 3853

A65068 Move Customer To Account Event Data To Datagroup 3853
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A65071 AIF Data Base Conversion
A65072 CIS ADF Conversion 1 3 0 To 1 3 0 02 BLE
A65075 CIS CIF Conversion To Rel 1
A65076 CIS Update Alias Indicator On D R File
A65077 CIS DB2 CIF Conversion To Rel 1
A65078 CIS DB2 ADF Conversion To Rel 1 3 01
A65079 CIS CRF Customer MINI Match
A65080 CIS Finalist Interface Driver
A65083 CIS ADF Extract For Finalist Input
A65084 CIS Process Output Record From Finalist
A65087 A65087
A65090 IDS CIS ATO Interface Routine
A65091 CIS ATO Batch Expiry Notices
A65092 CIS ATO Invalid TFN Quarterly Tape
A65101 CIS ADF HDB DB2 Migration
A65102 CIS AIF HDB DB2 Migration
A65103 CIS CIF HDB DB2 Migration
A65104 CIS ADF DB2 Data Base Interface Program
A65105 CIS AIF DB2 Data Base Interface Program
A65106 CIS CDMF D R Item Exit For DB2 Load
A65107 CIS Secondary Key Build Rebuild
A65108 Relational Address City State Zip Fixer
A65109 Open CIS File Based On 24186 Location
A65110 CIS CIF DB2 Data Base Interface Program
A65111 CIS CRF DB2 Data Base Interface Program
A65112 CIS CHF HDB DB2 Migration
A65122 CIS ATO Customer Act Address TFN Profile
A65140 CIS Account Hierarchy
A65141 CIS Fast Conversion Address Pass
A65142 CIS Fast Conversion CIF
A65143 CIS Fast Conversion Account Pass
A65144 CIS Fast Conversion HDB Reload Driver
A65145 CIS Fast Conversion HDB Reload For Account
A65146 CIS Reverse Acac TCS Transaction
A65148 CIS Customer Identification Processor
A65149 CIS Customer Account Withholding Data
A65188 CIS CHF DB2 Data Base Interface Program
A65190 CIS ATO TFN Processor
A65250 CIS RIS Log Record Build Program
A65251 CIS RIS CIF CHF Extract Program
A65252 CIS RIS CIF CHF Extract Program
A65253 CIS RIS Maintenance Extract Program
A65254 CIS RIS PCD 24180 Extract Program
A65257 CIS RIS New Customer Extract
A65258 CIS RIS New Customer Address Extract Program
A65271 PEM Log Exit For Cuad Transaction
A65276 CIS ET Log Record Write Program
A65277 CIS ET Maintenance Extract Program
A65402 A65402
A65403 A65403
A65421 A65421
A65422 A65422
A65425 A65425

A65426 A65426
 A65431 A65431
 A65435 A65435
 A65481 A65481
 A65485 A65485
 A65488 A65488
 A65489 A65489
 A65900 CIS PCD 24181 Conversion
 A65901 CIS PCD 24196 Conversion Rel 1 3
 A65931 CIS Cuai Customer Additional Information
 A65933 CIF Conversion Datagroup 24204
 A65934 CIF Conversion Datagroup 24202 Datagroup 24203
 A65935 Conversion Of CIF For Social Security Expansion
 A65936 Conversion Of AIF For Social Security Expansion
 A65937 CIS DB2 CIF Conversion For Privacy Data
 A65960 Convert DB2 CIS Customer Table For Naic
 E62319 RPM Adjustment Process
 EDTCVRT PPT Entry For ISI Scrub
 F38004 Standard Interface Print
 F38005 Standard Interface Print
 F38012 FSS Prompt From Mual
 F38013 PCD Menu INIT Program
 F38014 Right Justify Alpha Numeric Account Number
 F38025 Set TCB Effective Date From Set Date Datagroup
 F38050 Standard Interface Print
 F38052 FPS Application Verify Cross Application Branch Control
 F38054 Ensure Existence Of FPS Execute Branch Key
 F38055 FSS Flag Description For FSS PCD 38055
 F38056 PCD 38055 Pre Display Exit Get Flag Description
 F38057 PCD 38055 Pre Write Exit Sort Company
 F38090 SIC Code To Naic Code Conversion Program
 F38091 Browse 2509 24182 PCD 2509 Conversion Prep
 F38092 Build PCD 2509 Item From Card Images
 F38099 PCD 38099 VAT Rate Read Program
 F38100 FSS Cross Reference Database File Handle
 F38103 FSS Cross Reference Database Online Maintenance
 F38105 FSS FPS Unformatted Processor
 F38106 External FSS FPS Function Return
 F38150 Cross Coid Authorization Random Table F38150d Load
 F38162 Credit Bureau Report File Header Information Edit
 F38400 Product Application Family Build
 F38402 Product Application Family Retrieve
 F38410 Build Activity Type Mnemonic Description Table
 F38414 Date Validation Routine
 F38415 Calculation Next Cycle Date From Period Frequency
 F38450 Audit General Format Capture Routine
 F38451 FSS Generalized GENP Print Program
 F38505 Generate Report Transaction Post
 F38506 Generate Report Transaction Extract
 F38563 FPS Product To Application Routing Via FPS Menu
 F38602 Read PCD 1602 Branch Name And Address
 F38625 Edit Character On 1625
 F38701 PCD 38701 Relationship Definition
 F38702 PCD 38702 Hierarchy Type Definition
 F38703 PCD 38703 Named Hierarchy Definition

F38710	F38710
F38711	F38711
F38712	F38712
F38713	F38713
F38714	F38714
F38720	DB2 Iomod Fstei Exit Table
F38721	DB2 Iomod Fstre Reltn Table
F38722	DB2 Iomod Fhtst Speed Table
F38723	DB2 Iomod Fhtcc Chain Cmd Tb
F38724	DB2 Iomod Fhtst Speed Table
F38730	Rel Hierarchy Manager Application Interface
F38741	Relationship Locate Screen Program
F38742	Relationship Detail Screen
F38743	Hierarchy Inquiry Maintenance
F38745	Hierarchy Key Move
F38750	Hierarchy Batch Generate Processor
F38751	Hierarchy Generate Processor
F38752	Inquiry Speed Table Maintenance
F38753	Hierarchy Generate Processor Inquiry Speed
F38780	F38780
F38781	F38781
F38790	DB2 Iomod For F38780
F38791	DB2 Iomod Fstei Exit Tbl+fstre Reltn Tb
F38910	Retrieve Event Broadcast Control Flag
F38911	PCD 38910 Post Deblock Exit
F38912	PCD 38910 Pre Display Exit Get Flag Description
F38913	PCD 38910 Pre Write Exit Validate Input
F38920	EBS Event Broadcast Driver Program
F38921	PCD 38920 Post Deblock Exit
F38922	PCD 38920 Pre Display Exit
F38923	PCD 38920 Pre Write Exit
F38940	Append Customer Key To EBS Broadcast File
F38979	Set Get FSS Cycle Date Control Data
F38989	F38989
F38994	F38994
F38999	DB2 Iomod Fstic Instn Control
G36001	GLI Interim Transaction
G36002	GLI Summarize Transaction
G36003	GLI Create Fcs Msa
G36008	Print PCD 5500 And 5501 Relationship
G36010	Print PCD 36000
G36011	Print PCD 36001
G36030	G L Interface Hogan Fis
G36031	G L Interface Hogan Fis
G36061	Warehouse Transaction Driver
G36080	Convert PCD 5550 To 36000
G36081	Convert PCD 5551 To 36001
G36099	Convert GL2 Warehouse File Glimasto
G50001	G L Inf Fcs Msa
G50002	G L Summ Interim Transaction
G50003	Summarize General Ledger Inf Tn
G50005	GLI OTP Item DDA LOC
G50006	GLI OTP Released Item
G50007	GLI CDS To General Ledger
G50008	GLI Non Procd Item

G50011 Replenish GLI Interim
G50013 Read Account Description For PCD 5500
G50014 Read Account Description For PCD 5501
G50015 Read Account Description For PCD 5520
G50016 Edit Sort PCD 5520 Data
G50032 G L Interface Hogan Fis
G50036 GLI OTP Item ILP
G50037 GLI ILP Item From OTP
G50053 Summary General Ledger Detail Interface Transaction Datagroup 5508
G50054 G L Summ Interim Transaction 5504
G50520 Access PCD 5520 Cross Company Interim Ac
I37000 Consolidate OI File
I37008 Split Report Ds
I37500 Read PCD 37500
I37501 Payment System Online Driver
I37512 Create Payment System Flat File
I37513 Payment System Online Edit
I37515 Calculation Next Release Date
I37516 GLI Payment System
I37517 Create Payment System Pre Note
I37520 Payment System Batch Release
I37521 Create Payment System Output
I37570 Payment Create Offset Transaction Driver
I37571 Payment Create Offset Transaction Automated Clearing Record
I37572 Payment Create Offset Transaction 13317 Rec
I37573 Payment Create Offset Transaction CWS Record
I37574 Payment System Batch Add Driver
I37575 Payment Summary Online Module
I37576 Payment System Batch Edit
I37577 Read Automated Clearing Record
I37585 Payment System Conversion For Cross Company
I37590 Payment System I O Program
I45000 Batch Add Driver
I45001 OTP Release
I45002 OTP Header Valid
I45004 Adjustment Sch Balance
I45005 Disp Validation
I45010 OTP Menu Processor
I45011 OTP Standard Ols Driver
I45012 OTP Inquiry Processor
I45013 OTP Next Processor
I45014 OTP CLR Processor
I45015 OTP Add Processor
I45016 OTP Chg Processor
I45017 OTP Delete Processor
I45018 OTP Rev Processor
I45019 OTP Display Processor
I45020 OTP RSP Processor
I45021 OTP Act Processor
I45022 OTP Release Format
I45025 OTP OI NSF Driver
I45026 OTP Pfk Table Build
I45027 OTP NSF OLT Disp Int
I45028 Help Driver
I45029 OTP Table Search

I45030 OTP OLT Processor
 I45031 OLT Interface Module
 I45034 OTP PCD 9281 Access
 I45035 OTP PCD 9282 Access
 I45036 Access PCD 9283
 I45040 OTP Table PCD 9281
 I45041 OTP Table PCD 9282
 I45042 OTP Table PCD 9283
 I45043 OTP Datagroup Build 3210
 I45044 OTP Datagroup Build 17210
 I45045 Read PCD 9245 Reason Code
 I45046 OTP Reason Processor
 I45056 OTP PCD 9281 Report
 I45057 OTP PCD 9282 Report
 I45058 OTP PCD 9283 Report
 I45064 Batch Add OLT Iface
 I45065 NSF OLT Interface
 I45066 OTP NSF Restraint Iface
 I45067 Batch Add OLT Iface
 I45069 OTP Delete CLR CCP
 I45079 OTP HDB Processing Group Exit
 I45080 OTP Month Disp Edit
 I45081 Release OLT Iface
 I45083 NSF Total Adjuster
 I45084 G L Int For Delete Item
 I45085 Loan Test OTP
 I45086 Before Extension Loan OTP
 I45087 After Exit Loan OTP
 I45088 OTP PCD 9281 Loan
 I45089 Loan OTP Release
 I45099 Inval Action 45099
 I47001 Read PCD Dep Data
 I47007 PCD For 24 Hour Processing
 I47012 Dep Get Product Environment
 I47018 Read PCD 8018
 I47023 Program To Purge Alternate Database After Reading 8007
 I51110 CDS Release Program
 I51120 CDS Mf List
 I51130 CDS On Line Control
 I51140 CDS File Interface
 I51144 CDS Val PCD 8844
 I51150 CDS CIS Build Key
 I51151 CDS FPS Display Exit
 I51152 CDS Generate User Exit
 I51153 CDS Combine Input Exit
 I51156 CDS Target Input Exit
 I51157 CDS Trigger Input Exit
 I51158 CDS FTFR Input Exit
 I51159 CDS CMBC Input Exit
 I51160 CDS Batch Maintenance
 I51161 CDS CIS Validate Key
 I51162 CDS Key Build Exit
 I51165 CDS Maintenance Link
 I51166 CDS Batch Interface Program Card Image
 I51172 CDS Purge Driver

I58001 CWS Sort Control Report
I58002 CWS Check Writing
I58003 CWS Description Conversion
I58004 CWS PCD Exit
I58007 CWS Front End Program For Mla
I58010 CWS Online Print
I58011 CWS Online Print
I79501 Transaction Warehouse Load Driver
I79502 Transaction Warehouse Release Driver
I79503 Transaction Warehouse Eod Driver
I79507 Transaction Warehouse Stand Alone Rptin
L10083 Adjustment Minimum Interest Memo Bucket
L10090 ILP Batch Spin Stop Testing Program
L10091 Recast Payoff After Post Controller
L10092 Recast Reversal After Post Controller
L10093 Recast Reversal After Post Controller
L10099 Loan Delete For Testing Only
L10125 Participation History Recap Program
L10133 General Participation Inquiry
L10211 Add Fee Information For Participation
L10220 Participation Sold
L10221 Setup Participation Rate Mods
L10222 Participation Profile
L10224 Loan Bankruptcy Status Change
L10230 Commitment Setup Menu
L10231 Add Commitment Fee Information
L10233 Commtdemogr Setup
L10235 Commitment Codes Setup
L10236 Commitment Rate Change Program
L10237 Floor Plan Default Set Up
L10238 Commitment Rate Mod
L10239 Commitment Fee Billing Schedule
L10240 Commitment Profile
L10250 CLS \$ Post Screen Post Screen
L10253 Post Ready Credit Advance
L10255 Bankruptcy Or Removal Status Check
L10261 Loan Cancellation Lcan
L10265 Ready Credit Status Change
L10270 Non Financial Post Transaction
L10271 Commitment Rate Change Post Program
L10273 Charge Off Screen Program
L10276 Commitment Participation Setup
L10277 Commitment Participation Sale Screen Setup Driver
L10281 Commitment Participation Fee Setup Driver
L10283 Dealer Reserve Calculation
L10284 Ready Credit Status Check
L10285 Dealer Setup Maintenance
L10286 Dealer Rate Setup Maintenance
L10289 Release Dealer Reserve
L10290 Dealer Rate Inquiry
L10291 Set Or Change Repo Status
L10300 Commitment Participation Profile Funding Driver
L10302 Loan Demographic Screen
L10303 Loan Exception Maintenance
L10304 Loan Code Maintenance Screen

L10307 Title Transfer Lttf
 L10312 Loan Sale Maintenance
 L10314 Participation Float Rt Maintenance
 L10315 Loan Ins Maintenance
 L10316 Student Loan Maintenance Screen
 L10317 Delinquent Maintenance
 L10318 SIM Loan Account Validation
 L10319 Indirect Liability Maintenance
 L10320 Consumer Demographic Maintenance
 L10321 Payment Mods Maintenance
 L10323 Guarantee Institution Investor Setup
 L10324 Guarantee Institution Investor Inquiry
 L10325 Pending Chg Maintenance
 L10326 Transfer Cost Center Screen Program
 L10327 Charge Off Maintenance Program
 L10328 Demand Beneficiary Create Update
 L10329 CLS Loan Insurance
 L10330 Participation Float Rt Inquiry
 L10331 Comm Demographic In
 L10332 Charge Off Inquiry Screen
 L10333 Commitment Exception Maintenance
 L10335 Letter Of Credit Maintenance
 L10338 Comm Floor Plan Default
 L10339 Commit Rate Maintenance
 L10340 Comm Coll Pointer Maintenance
 L10344 Commitment Recap Inquiry
 L10348 Aitd Loan Data
 L10352 Demand Loan Call
 L10356 Commitment Chrges Post
 L10359 Commitment Post Waive Charge
 L10360 Lmcm Screen
 L10361 Commitment Post Payment Charge
 L10362 Comm Participation Disp Driver
 L10363 After Post Controller For Demand Call
 L10364 After Post Controller For Demand Call
 L10367 MLS Document Request
 L10368 Buydown Maintenance Screen
 L10369 Prepayment Penalty Inquiry Maintenance
 L10370 Prepayment Penalty Calculation Driver
 L10371 Prepayment Penalty Calculator
 L10374 After Post Controller For Escrow Obi
 L10375 Comm Participation Transaction History Wr
 L10378 Comm Delinquent Maintenance
 L10379 Commitment Sub Allocate
 L10380 Commitment Transaction History Wr
 L10381 Commitment Fee Billing Schedule Maintenance
 L10384 CLS Reserve Deposit
 L10385 MLS Demographic Code
 L10387 CLS Govt Payment Subsidy Maintenance Program
 L10388 Update Global Datagroup Comm Participation
 L10390 Loan Payment Breakdown
 L10420 ILP Combine Billing Inquiry And Maintenance
 L10422 ILP Combine Invoice Inquiry And Maintenance
 L10425 Combine Billing Payment Online Capture
 L10505 CLS Delinquent Loan Driver

L10506 Billing Inquiry Driver
 L10534 CLS Delinquent Comm Driver
 L10535 Commitment Billing Inquiry Driver
 L10550 Ready Credit Line Amount Change
 L10562 Ready Credit Stop Payment Charge
 L10567 Document Inquiry Driver
 L10572 Commitment Participation Transaction History Display Driver
 L10582 LPS Reserve Inquiry Only
 L10591 Dealer Demographic Inquiry
 L10592 Dealer Reserve Inquiry
 L10593 Dealer Total Inquiry
 L10598 Commit To Loan Pointer Inquiry
 L10606 Prepaid Interest Allocate Screen Program
 L10607 Billing Restructure Post
 L10608 Payment Post Edit Over A Billr
 L10610 Loan Aggregate Balance Inquiry
 L10612 After Post Activity For Insurance Cancel
 L10616 SIM ILP Short Name Call
 L10620 After Post Activity For Insurance Cancel
 L10640 Request Coupon Book
 L10670 Unapplied Fund Post Screen Program
 L10750 Ready Credit Line Amount Change
 L10778 Disclosure Inquiry
 L10779 Daily Rate Quote Inquiry
 L10821 User Interface Link From PCD 30513
 L10912 CLS Calculation Annual Rate
 L10913 CLS Calculation Annual Rate
 L10933 Batch Implode Issue Participation Database
 L10999 ILP Copybook Listing
 L12001 Adjustment Dealer Reserve
 L12003 Retrieve CCP Message
 L12004 Dealer Chargeback Setup Maintenance
 L12006 Dealer Reserve Deposit
 L12007 Dealer Reserve Charge Back
 L12010 Add Can As Earned Insurance
 L12020 Rate Mods Tier Limit Inquiry Maintenance Program
 L12024 Billing Restructure Summary Screen Program
 L12026 Verification Of Repayment Schedule
 L12027 ILP Billing Restructure Detail
 L12029 Maintain Commitment Revolving Indicator
 L12035 Billing Summary Driver 1 10
 L12036 ILP Billing Inquiry Summary 11 20
 L12037 ILP Billing Schedule Inquiry Detail
 L12038 ILP Billing Inquiry Additional Detail
 L12040 Reprint Rebill Billing Statement
 L12041 Loan Autopayment Data Maintainence
 L12042 ILP Billing Schedule Change Detail
 L12043 Add Existing Loan To Commitmnt Screen Program
 L12044 Delete Existing Loan From Comnt Screen Program
 L12045 Delete Existing Loan From Commt Screen Program
 L12046 Billing Due Date Maintenance Program
 L12051 Restructure Amount Detail Screen Program
 L12053 Restructure Payoff Program
 L12054 Restructure Setup Post Program
 L12055 Checkpoint Delete Program

L12056 Oldck Check Point Delete Program
L12057 Assumption Setup Screen Program
L12058 Post Assumption Setup Program
L12059 Conversion Check Point Test Program
L12060 Chg Foreclosure Date Post
L12070 Renegotiate Debt Setup Screen Program
L12071 Recast Payoff Reversal Program
L12072 Post Program For Refund Of Unapplied To Borrower
L12074 Rnew Rstr Payoff Reversal Program
L12075 Rest Rev Restore Rate Payment Mods
L12076 Recast Setup Screen Program
L12077 Recast Profile Funding Program
L12078 Recast Reversal Pre Post Controller
L12079 Lrir Recast Reversal Screen Program
L12080 Adjustment Escrow Int Paid Screen Program
L12090 Amount Capitalized Setup Screen
L12100 Student Loan Sequential Batch Driver
L12158 Detail Rate Chg Notice Lr10158
L12183 Create DB2 Extract File Borrower
L12184 Create DB2 Extract File Committment
L12185 Create DB2 Extract File Loan
L12186 Create DB2 Extract File Collateral
L12187 Create DB2 Extract File Dealer
L12188 Create DB2 Extract File Participatio
L12300 Lset Product Selection Driver
L12301 Lset Lending Policy
L12303 Lset Select Profile Screen
L12305 Fset Floor Plan Loan Setup
L12320 Lset Add Dealer Information
L12321 Lset Add Participation Purchased
L12322 Lset Simple Amortized Setup
L12326 Lset Add Precalculated Loan
L12327 Lset Add Escrow
L12328 Setup Student Loan Information
L12329 Borrower Student Loan Setup From Lset
L12330 Lset Add Code Screen
L12332 Lset Rate Mods Limit
L12333 Lset Write Loan Data Base
L12335 Add Payment Modifier
L12336 Add Payment Limit For Lset
L12338 Lset Add Fee
L12339 Lset Add Insurance
L12340 Lset Billing Schedule Screen Driver
L12342 Lset Billing Schedule Replenish Table From Database
L12343 Lset Billing Schedule Edit Screen Entry
L12344 Lset Billing Schedule Back End Edit Program
L12345 Lset Billing Schedule Write Table To Database
L12346 Lset Automatic Pay Information
L12347 Calculate Level Payment Amount
L12348 Calculate Principle And Int Payment Amount
L12349 Calculate Principal Payment Amount
L12350 Lset Profile Funding Program
L12351 Funding Sub Program Student Loan
L12352 Funding Sub Program Cashback
L12353 Funding Sub Program Load Insurance

L12354 Funding Sub Program Insurance Advice
 L12355 Funding Sub Program Borrower Report Request
 L12356 Funding Sub Program Membership Charge
 L12357 Average Balance Billing Periodic Rate History Inquiry
 L12358 Average Balance Billing Statement History Inquiry
 L12360 Add Construction Loan For Lset
 L12362 Setup Dealer Recourse Reserve For Lset
 L12363 Lset Add Pmi Va FHA Insurance
 L12364 Lset Add Pmi Insurance Information
 L12365 Lset Add FHA One Time Fee
 L12370 Joint Insured Borrower Maintenance Screen
 L12377 Capitaliation Maintenance Screen
 L12378 FHA Pmi Disburse
 L12380 ILP Fund Existing Loan
 L12390 ILP Transaction History On Line Purge
 L12395 ILP Transaction History Off Line Update
 L12503 Restructure Profile Screen Selection
 L12601 ILP Loan Type Data PCD 17431 Edit
 L12603 Commitment Delinquency Processing PCD 17358
 L12605 CLS Delinquency Processing PCD 17358
 L12606 Blm Borrower Additional Liability
 L12607 Dealer Reserve Charge Bck At Ln Payoff Chargeoff
 L12608 ILS Cure Notices
 L12609 Pmi Disclosure Notices
 L12610 FHA Pay Off Letter
 L12611 Capitalization Batch Driver
 L12612 Capitalization Post Controller
 L12613 PCD 210682 Pre Write Edit Program
 L12614 Floor New Loan Notices
 L12615 Pending Rate Chg Maintenance Routine
 L12640 Number Of Payment Calculation Program
 L12642 Amortization Schedule Display Program
 L12658 Delinquent Action Level
 L12675 Read PCD 17359 Delinquent Message
 L12678 Edit Pcds 210678 And 9 Rate Modifier
 L12698 ILP Billing Default Edit Program
 L12700 ILP Batch Add Driver
 L12710 Borrower Batch Add Processor
 L12720 Collateral Batch Add Driver
 L12730 Loan Batch Add Driver
 L12740 Build Batch Add Driver Test Transaction
 L12799 ILP Fullword PCD Menu Initializer
 L12922 Average Balance Billing Implode Driver
 L12923 Average Balance Billing Statement Implode Program
 L12990 ILP Transaction History Prg Conversion
 L12999 Copybook Documentation Description
 L17165 Update Los And Loi Databases
 L17166 Float Indicator Post
 L17365 Extension PCD Edit Program
 L17500 Write O L Report
 L17502 Batch Split Report
 L17503 Loan Set TCB Effective Date
 L17504 Re Write LPS ICF Database
 L17999 Loan All Pcds Copy Book Program
 L20001 Automatic Accelerate Payment Schedule

L20002 Insurance Setup Within Ldsm
 L20003 Capitalization Adjustment Screen Capa Capb
 L20005 Capitalization Charge Adjustment Screen
 L20006 Cashback Setup Maintenance Lcbm
 L20007 Lflt Screen Driver
 L20009 Mhki Screen Driver
 L20010 Cashback Setup Program
 L20011 Display Dealer Loan History
 L20012 Pre Write Exit For PCD 220012
 L20014 Lspm Screen Program
 L20015 Loan End Of Day Leod
 L20016 Memo General Loan Inquiry
 L20019 Memo Captured Item Inquiry
 L20020 Lavi Available Balance Inquiry
 L20022 Lcli Screen Program
 L20023 Subsidy Parameter Inquiry Program
 L20024 Ldsm Screen Program
 L20029 Build The External Transaction
 L20030 Split Billing Summary Setup Program
 L20031 Split Billing Detail Setup Program
 L20032 Split Billing Summary Maintenance Program
 L20033 Split Billing Detail Maintenance Program
 L20034 Split Billing Summary Inquiry Program
 L20035 Split Billing Detail Inquiry Program
 L20036 Cross Reference Inquiry Screen Program
 L20037 Split Billing History Inquiry Program
 L20041 Split Billing Table Build
 L20048 Fixed Capped Rate Maintenance
 L20049 Llsm Status Sub Status Maintenance
 L20050 CLS Loan Insurance
 L20051 Subsidy Tier Maintenance Program
 L20055 Lmfm MASS Pmi Change Screen
 L20057 Cost Of Fund Inquiry
 L20058 Cost Of Fund Maintenance
 L20060 Lflt Screen Driver
 L20062 Sset Scheme Detail
 L20063 Sset Scheme Limit
 L20064 Sset Scheme Billing
 L20065 Sset Subsidy Parameter
 L20066 Sset Subsidy Tier
 L20067 Sset Scheme Profile Write
 L20068 Scheme Limit Maintenance Program
 L20069 Scheme Billing Maintenance Program
 L20072 Scheme Detail Maintenance Program
 L20073 Subsidy Parameter Maintenance Program
 L20074 Scheme Autopay Maintenance Program
 L20076 Loan Arrear Restructure Setup Larr
 L20077 Subsidy Tier Maintenance Program
 L20078 Subsidy Interest Rate Maintenance Program
 L20079 Scheme Interest Concession Maintenance
 L20080 Rate Modifier Inquiry Screen
 L20081 Rate Modifier History Inquiry Screen
 L20083 Lset Scheme Setup
 L20084 Reverse Account In Poa Status
 L20086 History Recap Program

L20088 History Sub Command Processor
L20089 Rate Reduction Inquiry Screen
L20090 Mmps Screen Driver
L20091 Mmrp Screen Driver
L20092 Mbmc Screen Driver
L20093 Mmti Screen Driver
L20094 Lsum Screen Driver
L20099 Lsam Screen Program
L20300 Final Bulk Loan Transfer Request Screen Program
L20301 Regi Registration Of A Commitment Loan
L20303 Lexs Display Loan Exception
L20307 Cfai Screen Driver
L20308 Cfem Screen Driver
L20309 Commitment Waive Reverse Waive Fee
L20318 Dealer Goa Maintenance Screen Program
L20319 Floorplan Participation Post Screen
L20321 Commitment Combine Billing Act
L20322 Floorplan Recap Screen
L20326 Accrual Base Maintenance Screen Lacm
L20328 Commit Billing Statement Implode Program
L20330 Mhis Scenario Screen Driver
L20331 Mhis Recap Screen Program
L20332 Mhis Detail Screen Program
L20333 Lmn HDB Maintenance Interface Recap Program
L20334 Lmn HDB Maintenance History Purge Program
L20380 Commitment Participation Shared Fee Setup Driver
L20381 Commitment Participation Waive Fee
L20382 Jfai Screen Driver
L20383 Jfst Screen Driver
L20384 Jfsi Screen Driver
L20385 Jfsm Screen Driver
L20391 Loan Balance Inquiry SIM Test Screen
L20392 Combine Billing Payment Rev Online Capture
L20444 Online Maintenance History Decompress
L20520 Calculate Guarantee Over Amount
L20525 Delete Pending Rate Chg Utility Prgram
L20566 Loan Fee Tabling Program
L20608 Edit PCD 220608
L20609 PCD 220609 Pre Write Edit Purge Option
L20610 Edit PCD 220610
L20611 Post Of Captured Transaction
L20612 Edit PCD 220612
L20618 Disburse Rebate PCD Edit Program
L20620 Edit PCD 220620
L20624 Membership Waive Code Edit
L20625 Edit PCD 220625 Accelerate Billing Code
L20626 Edit PCD 220626
L20634 Edit PCD 220634
L20653 ILP Float Day Default PCD Edit
L20656 PCD 220656 Input Edit Program
L20670 Build Rate And Fee W670 Table
L20688 Master Rate Chg Notice Lr10388
L20690 Pre Write Edit For PCD 220690
L20691 Accrue Ins Fee On Excess Fund
L20699 Build Pcd220699 Table Program

L20701 Participation Comm Participation Purge
 L20702 CLS Loan Service Purge
 L20703 Commitment Purge
 L20704 Collateral Purge
 L20705 Borrower Purge
 L20706 Move Transaction History Offline
 L20707 Accrual Adjustment For Participation
 L20708 End Of Account For Participation Batch
 L20709 Saves Off Participation Sale Datagroup
 L20710 Backdate Repost Of Participation
 L20711 Participation Before Post Repost
 L20712 Save Participation Before Post Datagroups
 L20713 Adjustment Accrual After Post During Participation Repost
 L20714 Prt Before Post Accrual For Lgen
 L20715 Participation Lgen Real Time Post Driver
 L20716 Participation After Post Accrual For Lgen
 L20717 Build General Ledger Interface Transaction
 L20718 Participation Post Screen
 L20719 Build Participation Accrual W570 Table
 L20720 Build Prepayment Penalty At Set Up
 L20721 Post Controller For Dormant Account
 L20723 Account Cond Determine If Exception Existing
 L20725 Account Cond See If Guarantee Settlement
 L20727 Partial Charge Off Transaction Driver Program
 L20729 Automatic Charge Off Driver Program
 L20730 Automatic Non Accrual Driver Program
 L20735 Investor Loan Selection Expire
 L20736 Apply Defer Updates To Ilpcbdt
 L20737 Key Range Tickler Sort
 L20738 Apply Deferred Updates To Lpsicf
 L20739 Lpsrchg Defered Update Program
 L20740 Noni Honi ILP Datagroups Routine
 L20741 Update Ilpcbdt For Loan Payment
 L20744 Fee Calculation Program
 L20745 Convert 17210 Transaction To 29809 Format
 L20746 Convert 29809 Transaction To 17210 Format
 L20747 Apply Defer Updates To Colldb
 L20748 Fee Post Program
 L20749 Edit Investor Number For PCD 35403
 L20750 Automatic Status Chg For Mort End Date
 L20751 Calculate New Dates Program
 L20752 Write Tabled Billing Schedule
 L20753 Verify Force Dormant Indicator
 L20757 Cost Of Fund I O Module
 L20771 ILP SIM Module For IDS Relationship Price
 L20776 Loan Number Transfer Between Application
 L20777 Read Loan Data For Investor Accounting
 L20778 Create Loan Sale Transaction
 L20779 Write General Ledger Warehouse
 L20780 Input Guarantee Settlement Link Program
 L20781 Capitalization Pre Post Controller
 L20782 Capitalize Lrfi Record
 L20783 Capitalize Charge
 L20784 Captz Next Date Calculation
 L20785 Participation Investor Information Psa3 Screen

L20786 CDMF Read Program For New Technical Pcds
L20787 Language Validation
L20788 CDMF Read Program For PCD 220605
L20789 Calculate Insurance Premium
L20791 Scheme Billing Roll Up Driver
L20792 Create Credit Bureau File Metro2 Format
L20793 Schemes Tabling Program
L20794 Transaction History Request Program
L20796 Transaction History Request Program
L20797 Transaction History Reversal Program
L20798 Memo Transaction Post And Reversal
L20799 Inst Screen Presentation Module
L20800 MASS Post I O Driver
L20801 MASS Post Capture Module
L20802 Online Post Cleanup
L20803 Loan Exception Inquiry
L20805 Account Cond Determine If On Test Analysis
L20810 Guarantee Settle Input Output Module
L20822 Renewal Notice Program
L20823 Renewal Notice Program
L20824 Split Billing Statement Program
L20825 Maturity Extension Driver
L20826 DDA Fund Transfer Interface
L20827 Percentage Read Program Of Lpsmemo
L20828 Table PCD 220622 Module
L20829 Batch Extract Of Memo Transaction
L20830 Scheme Expire Processing Program
L20831 Cleanup Ilpmemo Transaction And Balance
L20832 Insurnace Renewal On Poa
L20834 Insurance Renewal On Poa
L20835 Scheme Report Driver
L20836 ILP FPS Account Condition
L20837 Cashback Revoked Processing
L20841 EBS Interface Data Gathering
L20842 Loan Balance Inquiry
L20845 Commitment Fee Batch Assess
L20848 Commitment Fee Post
L20849 Commitment Participation Shared Fee Post
L20866 Trial Bulk Loan Transfer Program
L20867 Final Bulk Loan Transfer Program
L20880 Payment Calculation Ompare
L20881 Screen Transfer Program
L20882 Automatic Payment Change Module
L20883 Online Maintenance History Compress
L20886 Guarantee Settle Regi Interest Calculation
L20887 Post Cure Transaction
L20888 Post Lmfm Transaction
L20889 Participation To Commitment Participation Driver
L20910 Pre Write Edit For PCD 17410 220410
L21002 Scheme Detail Summary Inquiry
L21003 Scheme Detail Inquiry
L21004 Capital Grant Summary Inquiry
L21005 Billing Summary Inquiry
L21006 Escrow Analysis Inquiry
L22002 Transaction Recap Request Driver

L22004 Lthr Screen Presentation Module
L22006 Fixed Capped Rate Inquiry
L22007 Fixcap Rate History Inquiry
L22011 Fee Add Delete Screen Driver
L22014 Delinquent Inquiry
L22015 Payment Limit Maintenance
L22017 Partial Charge Off Screen Program
L22022 Maintain Financed Insurance
L22034 Build L10509d Insurance
L22035 Principal Paydown Reversal Screen
L22036 Prepayment Penalty Assess Screen Lpam
L22037 Prepayment Penalty Payment Screen Ppm
L22038 Prepayment Penalty Waiver Screen Pwav
L22041 Miscellaneous Billing Schedule Screen Driver
L22043 Commitment General Inquiry
L22064 Dealer Number Change Post Controller
L22065 Dtrn Screen Presentation Driver
L22066 Dealer Number Change Transaction Driver
L22067 Dealer Number Transfer Release Driver
L22068 Lcir Screen Driver
L22069 Statement Print Request Driver
L22080 Guarantee Settle Lgsm Lgst Maintenance Screen Criver
L22099 Sold Loan Inquiry Scvreen Driver
L23900 PCD Conversion From Rls 1 2 To Rls 1
L23901 Bormast Conversion From Rls 1 2 To Rls 1
L23902 Colldb Conversion From Rls 1 2 To Rls 1
L23903 Clsserv Conversion From Rls 1 2 To Rls 1
L23904 Clscomm Conversion From Rls 1 2 To Rls 1
L23905 Clspart Conversion From Rls 1 2 To Rls 1
L23906 Clsdlr Conversion From Rls 1 2 To Rls 1
L23907 Clsatf Conversion From Rls 1 2 To Rls 1
L23908 Dlratf Conversion From Rls 1 2 To Rls 1
L23909 Xlsserv Conversion From Rls 1 2 To Rls 1
L23910 Payee Conversion From Rls 1 2 To Rls 1
L23911 Prtatl Conversion From Rls 1 2 To Rls 1
L23912 Cmtatl Conversion From Rls 1 2 To Rls 1
L23913 Ilpembl Conversion From Rls 1 2 To Rls 1
L23914 Lpsrchg Conversion From Rls 1 2 To Rls 1
L23917 Bormast Conversion For Rls 1 3 Upgrade
L23918 PCD Conversion From Rls 1 3 To 1 3
L23919 Clsserv Conversion For Rls 1 3 Upgrade
L23920 Mlaappl Conversion For Rls 1 3 Upgrade
L23921 ILP 1 3 0 1 BLE Conversion Split Out 573
L23922 ILP 1 3 0 1 BLE Conversion Split Out 473
L23923 ILP 1 3 0 1 BLE Conversion Build Lpd Rec
L23924 ILP 1 3 0 1 BLE Conversion Build Lph Rec
L23925 PCD Conversion 1 3 1 03
L23926 PCD Conversion For Product Identifier Expand
L23927 PCD Conversion Rls 1 3 1 To 1 3 1
L23928 Clsserv Conversion From Rls 1 3 1 To 1 3 1
L23929 Clsatf Conversion From Rls 1 3 1 To 1 3 1
L23930 Colldb Conversion 1 3 1 To 1 3 1+
L23931 Ilpcbdt Conversion From Rls 1 3 1 To Release 2
L23932 Clsserv Conversion Rls 1 3 1 To Rls 2
L23933 Clsatf Conversion 1 3 1 To Release 2

L23934 Colldb Conversion 1 3 1 To Release 2
 L23935 Bormast Conversion 1 3 1 To Release 2
 L23936 Clsscomm Convert From Release 1 3 1 To 2
 L23938 Cmtatf Conversion Rls 1 3 1 To Rls 2
 L23940 Mlaappl Conversion From Rls 1 2 To Rls 1
 L23941 Mlaborr Conversion From Rls 1 2 To Rls 1
 L23942 Miacoll Conversion From Rls 1 2 To Rls 1
 L23944 Offline History Conversion
 L23947 Clsdlr Conversion From Rls 1 3 1 To Rls 2
 L23948 Dlratf Conversion From Rls 1 3 To Rls 1 3
 L23950 Clsatf Conversion From Rls 1 3 To Rls 1 3
 L23951 Offline History Conversion BLE 1 3 0
 L23953 Clspart Conversion Rls 1 3 1 To Rls 2
 L23954 Partatf Conversion Rls 1 3 1 To Rls 2
 L23955 Lpd Conversion Rls 1 3 1 To Rls 2
 L23956 Lph Conversion Rls 1 3 1 To Rls 2
 L23957 PCD Conversion To 2
 L239571P L239571P
 L239572P L239572P
 L239573P L239573P
 L239574P L239574P
 L239575P L239575P
 L23957AP L23957AP
 L23957BP L23957BP
 L23957CP L23957CP
 L23957DP L23957DP
 L23957EP L23957EP
 L23957FP L23957FP
 L23957GP L23957GP
 L23957HP L23957HP
 L23957IP L23957IP
 L23957JP L23957JP
 L23957KP L23957KP
 L23957LP L23957LP
 L23957MP L23957MP
 L23957NP L23957NP
 L23957OP L23957OP
 L23957PP L23957PP
 L23957QP L23957QP
 L23957RP L23957RP
 L23957SP L23957SP
 L23957TP L23957TP
 L23957UP L23957UP
 L23957VP L23957VP
 L23957WP L23957WP
 L23957XP L23957XP
 L23957YP L23957YP
 L23957ZP L23957ZP
 L23958 PCD Conversion Rls 2 0 To 2 0 1
 L23959 Clspart Conversion Rls 2 0 To Rls 2
 L23960 Lpsrchg Rebuild Utility Program
 L23961 Clsserv Conversion Rls 2 0 To Rls 2 0
 L23962 Clsatf Conversion Rls 2 0 To Rls 2 0
 L23963 Offline History Conversion Rel 2
 L23964 D R Format Package Unpackage Conversion

L23965 Rebuild The Lvx Database Floorplan Identifier Number
L23966 Prtattf Conversion From Rls 2 0 To Rls 2
L23967 Clsserv Conversion Rls 2 0 To Rls 2
L23968 Clsatf Conversion Rls 2 0 To Rls 2
L23970 Fee Check Point Conversion Rebuild Program
L23971 PCD Conversion 2 0 1+
L23972 Colldbv Conversion
L23973 Bormast Conversion Naic Code
L23974 Clsserv Conversion Naic Code
L23975 Clsatf Conversion Naic Code
L23977 ILP Datagroup 10421 Conversion
L23979 PCD Conversion
L23980 Clspid Conversion Rls 2 0 To Rls 2
L23983 Clscomm Conversion Rls 2 0 To Rls 2
L23984 Clsrant Conversion Rls 2 0 To Rls 2
L23985 Cmtatf Conversion Rls 2 0 To Rls 2
L26010 Payee Support System Batch Driver
L26120 Py Nameaddr Subrout
L26150 Add To Payee Remittance HDB Pyr
L26202 Py Setup And Maintenance
L26203 Py Remittance Inquiry
L26204 Py Name Scan
L26250 Batch Add To Payee Remittance Pyr
L26269 Display Payp Menu
L26999 Pay Copybook Listing
L27100 Borrower Sequence Pass Report Select
L27101 Borrower Batch PCD Report Sw
L27128 Borrower Prompt From Mual
L27150 Borrower Interface
L27160 Borrower Online Direct Liability
L27202 Borrower Base Setup Part1
L27204 Borrower Base Setup Part2
L27206 Borrower Non Business Borrower
L27207 Borrower Non Business Credit Score
L27208 Borrower Co Borrower
L27210 Borrower Relationship
L27212 Borrower Business Principal
L27214 Borrower Major Entity
L27216 Borrower Finance Disclosure
L27222 Borrower Indirect Liability
L27224 Borrower Direct Liability Inquiry
L27225 Borrower Credit Report Setup
L27228 Borrower Collateral Pointer
L27230 Borrower Profile
L27232 Borrower Student Loan
L27234 Borrower Multi Default
L27250 Borrower Alternate Index Access
L27260 Change Borrower Short Name
L27270 Borrower Credit Status Inquiry Maintenance
L27271 Borrower Report Request Screen Brpt
L27273 Borrower Status Analysis Screen Bana
L27275 Test Data Propagation
L27280 Borrower Pointer Inquiry
L27290 Borrower Conversion For Related Borrowe
L27300 Borrower Update Processing

L27310 Borrower Update Processing
 L27400 SIM From CIS To Borrower
 L27598 User Interface Link From PCD 30513
 L27999 Borrower Copybook Listing
 L28057 LPS Col Interface
 L28060 Col Vin Lookup
 L28061 Col Vin Translate Module
 L28100 Col Sequence Pass Report Detail
 L28101 Col Get Report Switches
 L28110 Col Tax Sequence Pass Report
 L28128 Col Prompt From Mual
 L28140 Col Tax Preprocess
 L28141 Col Tax Prep Realty
 L28145 Col Tax Database Build
 L28150 Coll System Pricing Driver
 L28151 Coll System Pricing Maintenance
 L28152 Coll System Processor Formattr
 L28154 Coll Exception Update Driver
 L28155 Coll Exception Inquiry Driver
 L28160 Col Tax Its Input
 L28170 Col Tax Its Output
 L28175 Col Tax Service Output Driver
 L28180 Col Tax Service Output
 L28202 Col Key Data Setup
 L28203 Col Report Unit Description
 L28204 Col Mobile Home Description
 L28205 Col Report Location
 L28206 Col Security Description
 L28207 Col UCC Filing Description
 L28208 Col Pledge
 L28210 Col Other Lien
 L28211 Col Title
 L28212 Col Add Description
 L28214 Borrower Collateral Pointer
 L28215 Col Profile
 L28216 Col Combine
 L28217 Col Vehicle Description
 L28218 Col Report Appraisal
 L28219 Zoning Property Collateral Setup Maintenance
 L28220 Col Alternate Key
 L28221 Col Other Description
 L28222 Col Tax Disburse
 L28223 Col Deposit Description
 L28224 Col Tax Disburse Total
 L28225 Col Key Data Setup
 L28230 Coll Tax Other Reserve Maintenance
 L28231 Col Taxn Online Screen Program
 L28232 Collateral Pdi Inquiry Maintenance Screen
 L28233 Collateral Pdi Action Inquiry Maintenance Screen
 L28234 Pdi Address Information
 L28235 Pdi Additional Col Cvrdr
 L28240 Caum Screen Program
 L28241 Crsi Screen Program
 L28246 Col Tklr Inquiry Maintenance Driver
 L28250 Pdi Disburse Interface

L28251 Tax Inquiry Interface
 L28255 Zoning Property Collateral Setup Maintenance
 L28290 SIM Interface For Zoning At Funding
 L28980 SIM Interface For Zoning
 L28988 SIM Interface For Zoning
 L28992 Display Program For Zoning
 L28998 Col Pricing Tax Test Data Create
 L28999 Col Copybook Listing
 L29000 Adjustment Commitment Fee Accrual Not Billed
 L29001 Adjustment Commitment Fee Accrual Not Billed
 L29002 Commitment Accrual Not Billed Adjustment
 L29003 Commitment Billed Not Paid Adjustment
 L29004 Commi Participation Credit Adjustment Accrual Not Paid
 L29026 Clsserv Insured Borrower Maintenance Screen
 L29027 As Earned Ins Per Diem History Inquiry
 L29032 Floor Plan Comment Close Program
 L29033 Commitment General Ledger Transfer Screen Ctrn
 L29034 Calculation Balance For Commitment General Ledger Transfer
 L29035 Calculation Balance For Commitment Participation General Ledger Transfer
 L29040 Adjustment W061 Accrual Table On Anba Revr
 L29070 Amortize Net Fee And Cost
 L29071 Before Post Accrual For FASB 91 Fee Cost
 L29072 Effective Rate Calculation
 L29096 Read Miscellaneous History Datagroups
 L29099 Defer Advance Post Screen
 L29100 Minimum Billing Advance Due Date Transaction Post
 L29101 Close LOC And Activate Payout Schedule
 L29102 Activate Maturity Schedule
 L29200 EBS ILP To Ias Transaction Interface
 L29201 EBS ILP To Ias Accrual Interface
 L29429 Build Pcd17429 Table Program
 L29450 PCD 17450 Pre Edit Program
 L29453 PCD 17453 Pre Edit Program
 L29600 Loan Interface To OCS Through SIM Or SDB
 L29601 Partial Payment Spread
 L29602 PCD Read For Sequence Random Batch Process
 L29603 Credit Adjustment Escrow Int Paid Advance Balance
 L29604 Dr Adjustment Escrow Int Paid Advance Balance
 L29605 Insurance Upgrade BLE PCD Conversion Program
 L29606 Update Date Paid On Ilpcbd Data Base
 L29607 Credit Adjustment Escrow Int Paid RSV Balance
 L29608 Dr Adjustment Escrow Int Paid RSV Balance
 L29609 Refund Escrow RSV Int Withholding Driver
 L29612 ILP Billing Maintenance Set Up Post Contolle
 L29613 Credit Adjustment Accrual Not Billed Transaction
 L29614 Commitment Accrual Not Billed Credit Adjustment
 L29615 Credit Adjustment Prt Fee Accrual Not Billed
 L29616 Commi Participation Debit Adjustment Accrual Not Paid
 L29617 Add Existing Loan To Commitment Transaction Dr
 L29618 Delete Existing Loan From Commitment Transaction
 L29619 Delete Original Takedown From Commi Participation
 L29620 Full Discharge Prepost Controller
 L29621 Discharge Pre Post Activity Driver
 L29622 Discharge Post Activity Driver
 L29623 Full Discharge After Post Controller

L29624 Partial Discharged Prepost Controller
L29625 Partial Discharged After Post Control
L29626 Debit Discharge Adjustment Post Program
L29627 Credit Discharge Adjustment Post Program
L29628 Special Interest Payment Post Driver
L29629 Special Interest Payment Post
L29630 Participation Debit Discharge Adjustment Program
L29631 Participation Credit Discharge Adjustment Program
L29632 Overpaid Interest Adjustment Post Driver
L29633 Overpaid Int Post Refund Driver
L29634 VAT Rate Change Issue To Add Program
L29636 Unscheduled Rate Chg Post Module
L29637 Rate Change At Maturity Post Module
L29638 Layered Rate Change Calculator
L29639 Rate Change Issue To Add Accrual
L29640 Post Pending Rate Change Transaction
L29641 Bump Rate Change Dates
L29642 Interest Rate Calculate For Report
L29643 Commitment To Commitment Participation Officer Change
L29649 Delete Expired Schedule Post Program
L29654 Adjustment Accrual After Post Curtailment
L29655 Update Date Paid On Ilpcbdt Data Base
L29656 Accrual Maintenance Post Controller
L29657 Add Existing Loan To Commitment Transaction Dr
L29659 Billing Due Date Maintenance Post
L29660 Overpaid Interest Reversal After Post
L29674 Data Gathering Post Program
L29675 Participation Data Gathering
L29676 Add Erase Clsrant
L29685 Calculation Rate From 15 Tier
L29699 ILP Edit Process Date PCD 220699
L29700 MASS Generation Of VAT Rate Change Transaction
L29701 VAT Processing Switch Program
L29702 VAT Rate Chg Adjustment Post Controller
L29703 Lpsrchg Request Utility Program
L29704 VAT Reversal Switch Program
L29728 ILP Backdate Billing Amount Calculation
L29729 ILP Datagroup 10502 Conversion
L29730 Borrower Reserve Deposit Add
L29731 ILP Datagroup 10502 Conversion
L29732 ILP Datagroup 10502 Conversion
L29733 ILP Datagroup 10414 Conversion
L29734 ILP Datagroup 10515 Conversion
L29735 Prt Data Group Conversion For Discharge
L29736 PCD Conversion For 17430 1
L29738 Create Lhb Database During Lset
L29739 Delete Record From Lhbi Historical Bil
L29740 Miscellaneous Escrow Credit Adjustment
L29741 Miscellaneous Escrow Debit Adjustment
L29755 Fpak Screen Program
L29756 Lvx Database Verify Add Delete Function
L29762 Defer Batch Update To Lvx Database
L29853 Add To Dealer Total
L29856 Loan Scheme Add Pre Post Edit
L29857 Rate Change Pre Post Controller

L29869 Post Principal Paydown Curtailment
L29870 Post Prepayment Penalty Assess
L29871 Post Prepayment Penalty Payment
L29872 Post Prepayment Penalty Waiver
L29878 Capital Grant Post Controller
L29880 After Post Controller For MCI
L29881 After Post Controller For MCI Cancel
L29883 Post Prepaid Pnnty Assess Waiver Pyof
L29885 Loan Scheme Add Post Controller
L29886 Scheme Transaction After Post Control
L29887 Loan Sale Repurchase Removal Post Control
L29900 Format Sort Key For Dealer Transaction
L29903 Capitalization After Post Controller
L29904 Build CCP Billing Datagroup 10506
L29905 Capitalization Maintenance
L29906 Capitalization Pre Post Controller
L29930 LPS Dealer Reserve Post
L29935 INIT Extension Datagroup 29810
L29949 Add Adjustment Mortgage Point Transaction
L29950 Dealer Transaction Driver
L29951 Build Statement Data Group 10481
L29952 Dealer Statement Special Processing
L29953 Principal Reduction Post For Fund Transfer
L29954 Calculation Available Balance For Loan Commitment
L29955 Calculation Available Balance For Loan Commitment
L29959 ILP Montary Transaction Pre Edit Program
L29960 Check Environment
L29961 Special Display Driver History
L29964 Scheme Detail\param Maintenance Post
L29966 Scheme Billing Maintenance Edit Controller
L29967 Scheme Billing Maintenance Post Controller
L29968 Scheme Expire Post Controller
L29969 Maturity Extension Billing Schedule
L29970 Simple Interest Daily Rebate Calculatio
L29972 Loan Analysis Report Yield Calculation
L29975 Loan Scheme Maintenance Post Control
L29976 Automated Clearing Zero Dollar Transaction Module
L29978 Dealer End Of Account Processor
L29979 Disburse Rebate Post Program
L29980 Promotional Extension Pre Post Controller
L29981 Promotional Extension Pre Post Controller II
L29982 Promotional Extension Post
L29983 Promotional Extension After Post Extend Dates
L29984 Loan Analysis Report Processing
L29985 Loan Analysis Report File Updates
L29986 Split Billing Borptr Update
L29987 Split Billing Maintenance Post Controller
L29988 Payoff Reversal After Post Update
L29990 Past Due Service Access Program
L29991 Past Due History Access Program
L29992 Release Dealer Reserve On Statement Date
L29995 Loan Sale Maintenance Post
L29996 Loan Sale Funding Post Controller
L29997 Principal Sale Funding After Post Control
L29998 Other Sale Funding After Post Control

L32000 XLS Dynamic Database Program
 L32050 XLS Update Global Datagroup
 L32051 Update XLS Global From Mla Database
 L32052 Update XLS Global From CLS Database
 L32053 Mla To XLS Initialize
 L32054 CLS To XLS Initialize
 L32055 Xlsserv Inquiry Driver
 L32056 Xlsitem Inquiry Driver
 L32057 Xlsdib Inquiry Driver
 L32058 Xlsacty Inquiry Driver
 L32060 XLS Convert Sl Ci Number
 L32061 XLS Update Last Maintenance On CLS
 L32062 XLS Update Last Maintenance On Mla
 L32063 XLS Post Deblock Exit For PCD 32400
 L32064 XLS Pre Write Exit For PCD 32400
 L32065 XLS Inspection Item Maintenance
 L32066 XLS Calculation Budget From CLS
 L32067 XLS Create Disburse Request
 L32070 XLS Update Line Item Status
 L32071 XLS Maintain Line Item
 L32072 XLS Maintain Line Item
 L32073 LPS Pre Post Driver
 L32074 XLS Rebalance Loan Budget
 L32080 XLS Miscellaneous Financial Transaction
 L32096 Loan Scheme Add After Post Controller
 L32097 Loan Scheme Interest Rate Post
 L32098 Loan Interest Concession Post
 L32099 Scheme Transaction Edit Controller
 L32100 XLS Batch Driver
 L32101 XLS Report Implode Program
 L32102 XLS Disburse Payment Driver
 L32104 Scheme Transaction Propagation Program
 L32105 Scheme Exposures Update Program
 L32200 XLS Loan Add
 L32201 XLS Maintain Sub Lips
 L32202 XLS Construction Demographic Maintenance 1st Screen
 L32204 XLS Contractor Data Maintenance
 L32205 XLS Monetary Hold Maintenance
 L32207 XLS Milestone Maintenance
 L32208 XLS Maintain Inspection
 L32209 XLS Cost Item Activity Inquiry
 L32211 XLS Construction Loan Budget
 L32212 XLS Sub Lip Budget
 L32220 Allocate Cost Item Screen Program
 L32221 XLS Cost Item Demographic Maintenance
 L32222 XLS Cost Item Activity Inquiry
 L32223 XLS Cost Item Activity Inquiry
 L32224 XLS Sub Contractor Inquiry Maintenance
 L32225 XLS Preliminary Notices Maintenance
 L32226 XLS Inspection Item Maintenance
 L32230 XLS Disburse Transfer Issue
 L32231 XLS Maintain Line Item
 L32232 XLS Inspection Item Maintenance
 L32240 XLS Cost Item Activity Inquiry
 L32241 XLS Cost Item Activity Inquiry Detail

L32245 XLS Cost Item Activity Inquiry
 L32246 XLS Cost Item Activity Inquiry
 L32250 XLS Cost Item Budget
 L32251 XLS Sub Lip Summary Display
 L32252 XLS Construction Reserve Item
 L32253 XLS Cost Item Activity Inquiry
 L32254 XLS Contractor Credit Data Maintenance
 L32255 XLS Reserve Item Disburse
 L32258 XLS Cost Item Inspection Result Maintenance
 L32259 XLS Sub Lip Inspection Result Maintenance
 L32270 XLS Loan Balance Inquiry
 L32271 XLS Pay Disburse Transfer Request
 L32272 XLS Pay Disburse Transfer Request
 L32273 Online Check Prep
 L32274 XLS Cost Item Activity Reversal
 L32275 XLS Release Collateral
 L32282 XLS DPS Report Lr3202d
 L32283 XLS DPS Report Lr3203d
 L32284 XLS DPS Report Lr3204d
 L32999 XLS Copybook Listing
 L35113 LSM Repurchase Post Controller
 L39001 Sale Package Global Program
 L39028 LSM Prompt From Mual
 L39107 LSM Arm Gem Gpm Check Module
 L39108 LSM Amoritization Calculation
 L39109 LSM Wac Wam Calculation
 L39110 LSM Batch Process Funding Module
 L39112 LSM Fund Loan Module
 L39113 LSM Fund Post Controller
 L39114 LSM Fund Financial A P Controller
 L39115 LSM Freddie Mac 11 Check Digit
 L39117 LSM Lir Investor Loan Number Format
 L39118 LSM Investor Loan Number Function
 L39120 LSM Analyze Selection Function
 L39121 LSM Front End Batch Driver
 L39122 LSM Analyze Selection Criteria
 L39123 LSM Batch Pledge Module
 L39124 LSM Batch Report Module
 L39125 LSM Report Utility Program
 L39126 LSM Batch Listing Function
 L39127 LSM Verify Function Bacth System
 L39128 LSM Reselection Function
 L39129 LSM Batch Delete Module
 L39130 LSM Group Batch Function
 L39131 LSM Verify Function Shp
 L39132 LSM Selection Field Module
 L39208 Sale Package Base Maintenance Program
 L39210 Sale Package Document Datagroup Maintenance
 L39212 Package Cost Of Sale In
 L39223 Slcr Selection Criteria Definition
 L39224 Sale Package Insurance
 L39233 LSM Pksu Screen
 L39234 Sale Package Demographic Maintenance Program
 L39235 Loan Composition Screen Program
 L39236 Loan Composition Screen Program

L39237 Loan Company Screen Prg Format CLS Datagroups
 L39239 Package Report Identification
 L39240 LSM Batch Function Execution
 L39250 LSM Sale Package Demographic Pdm2
 L39251 LSM Loan Listing In Package
 L39252 LSM Fannie Mae Tape Form 1100
 L39662 LSM Report Lr39662 Sub Module
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 L39727 LSM Selection Criteria Report Program
 L39789 LSM Fmac11 Mortgage Submission Schedule
 L39792 LSM Fmac 381 Contract Delivery Summary
 L39796 LSM Mbs Loan Schedule From Gem
 L39900 LSM PCD Menu INIT Program
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 L41038 Mla Data Conversion
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 L41055 Document Prt Indication
 L41081 CLS History Erase
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 L41103 Mla FHA Pre Qual Rtn
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 L41155 Mla Finance Transaction Prepost
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 L41168 Mla Finance Transaction Post Glx
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L50397 Commitment Participation Close Commit Participation Program
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N16220 Periodic Salvage By Amount
N16221 Company Priority Range
N16222 Product Priority Range
N16235 Daily Collector Productivity
N16236 Periodic Collector Productivity
N16237 Periodic Promise To Pay Analysis
N16238 Daily Action Effectiveness
N16275 SIM OCS Module
N16300 Daily Batch Driver

N16301 Daily Loan To OCS
 N16306 Daily Account Distribution
 N16307 Daily Priority Of Account
 N16308 Periodic Update Mngt Total
 N16309 Periodic History Update
 N16310 Periodic Batch Update
 N16311 Batch Automatic Letter Generate Processing
 N16315 Daily Card To OCS
 N16326 Daily Update Mngt Total
 N16374 Daily Delete Collector
 N16375 Daily Delete Account
 N16390 Archive History
 N16570 Write On Line Report String
 N16572 On Line Report Split
 N16573 On Line Report
 N16700 PCD Menu INIT Program
 N16720 Edit Pcd16701
 N16721 Edit Pcd16702
 N16723 Edit Pcd16713
 N16790 Archive History Format
 N16799 PCD Menu
 N16896 Convert Ocsact Ocs8509 To OCS 1
 N16897 Preliminary Ocsserv Ocs8509 To OCS 1
 N16898 Loan Interface To OCS SDB Convrsn Onlin
 N16899 Loan Interface To OCS SDB Conversiiion
 N16999 OCS Copybook Listing
 OI37590 OI37590
 T37001 FSS Maintenance Menu Processor
 T37200 FSS PCD 37200 Read Program
 T37203 PCD 37200 Pre Display Exit Get Curr Description
 T37205 PCD 37200 Pre Write Exit Sort Curr Code
 T37206 FSS Currency Code Validation Routine
 T37207 Currency Code Translation Screen Program
 T37208 Number To Alpha To Number Currency Code
 T37209 Build Permanent Datagroup 37209 Currency Exponent
 T37221 CDMF 37220 Cur Table Item Pre Write Exit
 T37222 CDMF 37220 Cur Table Item Post Deblock Exit
 T37231 Currency Conversion PCD 37230 Exit
 T37232 Currency Maintenance
 T37234 Currency Inquiry
 T37240 Currency Conversion Calculation
 T37241 Retrieve Currency Conversion Rate Fee
 T37244 Currency Load Facility
 T37245 Reformat Currency Load Record
 T37248 Currency Conversion Calculation Test Screen Program
 T37404 Account Condition Help Screen Processor
 T50300 Retrieve Act N
 T50301 Retrv N A Fr UCC CIF
 T50302 Retrv N A Fr IBM CIF
 T50314 Eliminate Blank Name Address Line
 T50315 Zip Code Tb Maintenance Exit
 T50316 NAF Inquiry Maintenance
 T50318 Build Name Address Use Statistics
 T50319 Replenish NAF Maintenance
 T50320 Datagroups Processing NAF Maintenance

T50321 NAF Build Extract Select Table
T50322 Replenish NAF Sequence Read
T50323 Select NAF Extract Records
T50326 Not A PEM Program Reserved
T50399 PCD Maintenance Permanent Datagroup Reset
T50611 INIT Begin End Control Total
T50639 Conversion PCD User Key Out
T50642 CCP Conversion PCD Key
T50643 CCP Conversion PCD Key
T50644 PCD Input Exit Cl5 Bl2
T50645 CCP Conversion PCD Key
T50646 CCP Conversion PCD Key
T50647 Conversion PCD Key
T50700 Build Parameter For Check Digit
T50904 External Cycle Code
T50905 Read PCD Status Code Description
T50906 Read PCD Product Code Description
T50907 Read PCD Subproduct Description
T50920 Read Table Search PCD Zip
T50922 Read Name Address PCD Use Description
T50925 Read Table PCD 1621 1625
T50958 Read Pcdid 01658
T50971 PCD Officer Data
T50973 PCD System Interface
T50985 Read Restart Control
T50995 Table Build Read PCD 1695
T50996 PCD 1696 Country Code Table Build Maintenance Exit
T50999 Sft PCD Base Rate
T58619 Restraint Account Purge
T58621 Restraint Inquiry Maintenance Processor
T58622 Restraint Inquiry Maintenance FPS Front End
T58625 Restraint Database Inquiry Interface
T58650 Restraint Batch Processing
T58655 Rest Maintenance Inquiry
T58656 Rest Maintenance Batch
T58657 Rest SIM Interface
T58666 Restraint Processing Group Transfer Program
T58669 Restraint Online Inquiry
T58670 Restraint Sequence Database Pass
T58671 Rest Stop Processing
T58673 Rest Pledges
T58681 Restraint Amount Validation
T58682 Rest Hard Hold
T58683 Restraint Number Validation
T58684 Rest Merchant Authorization Calculation
T58685 Restraint Merchant Authorization Match
T58689 Read Restraint
U205140 SIM Warehouse Load Read String
U205169 Write IDS DB2 Log Checkpoint Record
U205170 SIM Warehouse Load Format String
U50004 IDS Name Address Strip File Read Exit Program
U50012 PCD Read Restrain Charge
U50017 PCD 2507 Access Branch Region
U50043 Reformat General Ledger Warehouse File
U50044 Insert Curr Code In Bca Key

U50046 FSS PCD Conversion CDMF Restore Exit
U50058 Validate PCD 2519 Input On Add Chg
U50064 Rest Application Conversion
U50096 Read PCD 2596
U50107 Edit PCD 2507 Branch Region
U50121 Read PCD 13121 Processing Group To Region
U50140 Conversion FSS 1 X Restraint To FSS 1 3
U50193 Pre Write Exit PCD 13198 Cond Code
U50194 Read Reason Code Description PCD 13194
U50198 Read PCD 13198 Account Condition
U50199 Account Condition Driver
U50410 System Interface Processor
U50411 PCD 1673 Table Build
U50412 PCD 1673 Maintenance Edit
U50413 SIM Test Processor
U50502 Read PCD 1602 For Branch Name Address
U50515 CIS RPM Req Translat
U50529 NAF FPS Maintenance Processor
U50531 Build And Write NAF Maintenance Transaction
U50549 Prophet Customer History Sv
U50567 Read PCD 13567
U50570 Sequence Driver Base
U50671 PCD 13671 Stop Pay Channel Processing
U50725 Get Bea Date Control Rcd
U50736 Set Processing Dates
U50745 Bea Processing Group Exit
U50967 PCD 13567 Edit Program
U50968 PCD 1658 Edit Program
U50970 Transaction Reject Alert Processing Control
U50972 PCD 1695 Pre Write Activity
V81520 V81520
V81540 V81540
X16306 X16306
X16307 X16307
X16308 X16308
X16310 X16310



Common Subroutines

- CA000-CALL-PEM
- CD000-CALL-DEP-INTERFACE
- CF000-UPDATE-COMMON-LOAN-DATA (particularly for company processing date)(call 17747)
- CB000-CONVERT-LOAN-NUMBER (call 13530) (or call 50013 to also extract product code)
- EA000-EDIT (general editing, including EFS)
- FA000-FORMAT (database <--> screen DG)
- Updating GENP (Audit data)
- Updating Last Maintenance Date

Example Program: L10304 - Loan Code Maintenance

CLSLLCM	17356	17358	17366	17439	17440	17441
L10304	17443	17450	220624	220625	2509	2522
/	10000	10304	10639	14607	17008	
17009	17034	17736	17973	23007	210380	
220715	220793	29810	8012			
10501	10602	10606	10607	10608	10630	
10631	17210	17211	17212	17213	17214	
147012	120793	150002	150008	150007	150010	150018
150017	150016	150015	150014	150013		
150012	150011	150010	150009	150008	150007	

Objects: (row, column)12/12/2002 8:09:01 AM

- (1,1) CLSLLCM CLS Loan Code Maintenance
- (2,1) L10304 Loan Code Maintenance Screen
- (2,2) 17355 IRS 1098 Report Control Option
- (2,3) 17358 ILP Delinquent Action Level PCD
- (2,4) 17365 Pcd17365 Extension Control
- (2,5) 17439 SIC Code PCD Work Datagroup
- (2,6) PCD: 17440 L17440D Risk Code Description
- (2,7) 17441 LPS Late Charge PCD
- (3,2) 17443 Membership Code PCD
- (3,3) 17459 Post Transaction Code PCD
- (3,4) 220624 Membership Charge Waive Code
- (3,5) 220625 PCD 220625 Accelerated Billing Co
- (3,6) 2509 SIC Occupation Naics Code Description
- (3,7) 2522 Country Code CDMF Datagroup
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) 10000 LPS Global Screen Datagroup
- (4,4) 10304 Code Maintenance Work
- (4,5) Datagroup: 13589 I53589D FPS Comm Comunic Datagroup
- (4,6) Datagroup: 1452 I57101D PCD Control Block
- (4,7) 17008 LPS Date Edit Work
- (5,2) 17009 Datagroup 101 GENP For ILP
- (5,3) 17034 PCD Key Save Work Data Group
- (5,4) 17735 Loan Date INIT
- (5,5) 17973 Work Data Group Program L50972
- (5,6) Datagroup: 2008 T58001D DTS
- (5,7) 210330 Lset Code Screens
- (6,2) 220715 Purge Report Lr10199 Work Data
- (6,3) 220793 Scheme Table Work Data Group
- (6,4) 29810 LPS Internal Transaction Exten
- (6,5) 8012 Deposit Enviroment Work
- (7,2) 10501 Loan Service Key (HDB LLCSMS)
- (7,3) 10502 Code And Demographic (HDB LLCSSS)
- (7,4) 10506 Billing Information Data Group (HDB LLCSSS)
- (7,5) 10507 Commit Pointer Datagroup (HDB LLCSMS)
- (7,6) 10508 Balance Act Information (HDB CLSSERV)
- (7,7) 10530 Commitment Key Data Group (HDB CLSCOMM)
- (8,2) 10531 Commitment Demogr Datagroup (HDB CLSCOMM)
- (8,3) 17210 LPS Internal Transaction
- (9,1) I47012 Deposit Get Product Environment
- (9,2) L20793 Schemes Tabling Program
- (9,3) L50002 Update Global Datagroup
- (9,4) L50008 LPS Simple Date Edit
- (9,5) CP!L50009?
- (9,6) L50010 Environment Driver
- (9,7) L50018 Update CLS Last Maintenance
- (10,1) L50407 Maintenance INIT For Loan
- (10,2) L50505 Write O L Transaction HDB Lpstxn
- (10,3) RP!40199?



ILP Program Example

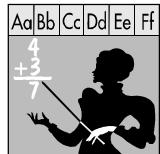
- Example L10304, Notice:
 - Dynamic Environment call (DEP) to determine posting mode (memo, real time)
 - Loan number conversion
 - Where GENP invoked, and format
 - Updating Last Maintenance date

Fundamentals of Transactions



Principle: What We Must Know Now About ILP Transactions

- Checkpoint Issues
- Fundamental Components



Sample Transaction...

Transaction TX!010_205 LPS Batch Post

Activities:

50 LK PEM Lk P49157/load Programs
221706 DB LPS Open Lpd
221707 DB LPS Open Lph
223686 DB ILP Force Open Xlsitem
17800 DB LPS Open Clsatf
29760 DB ILP Open/write L10lvxo - Floorplan Lvx Database
17831 DB LPS Open Clspart
17611 LK ILP LPS Retrv ICF Date
17830 LK FSS Set Ces And Datagroups Effective Date
17513 WA ILP Allocate Dg#17706
17514 DC ILP Deblock Into Dg#17706
17702 LK ILP Clsserv All Datagroups Initialize - L50702
17032 LK LPS Link L50407 - Batch Environment Link
17706 LK LPS Link To L50706 - Batch Driver



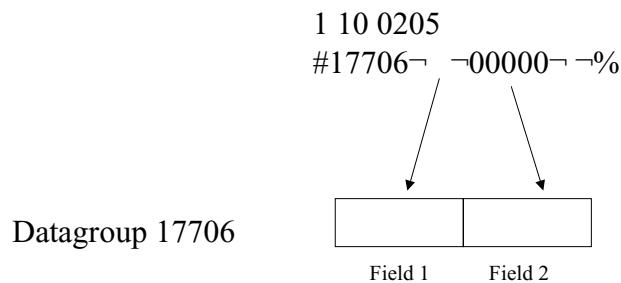
Principle: Fundamental Components

- Workarea Allocates
- Database Opens
- Batch Deblocks
- Link to Driver Programs



Principle: Batch Deblock

Cause delimited data to populate a datagroup, via a nomap deblock activity. Used to provide run-time parameters.



Transactions in the ILP Environment

Notice About ILP Transactions

- Referenced in Source Members within Procedures within Jobs
- Naming Convention
 - application
 - of source member to transaction
- Provides list of major batch functions

Hogan Systems Browser**Objects:Transaction****12/5/2002 2:16:29 PM**

10_109 Build Format 43003 From PCD 36000
10_12700 ILP Batch Add All Products
10_12720 ILP Batch Add Report Step
10_140 ILP Audit Confirmations
10_141 Audit Confirmation Report Pass
10_150 ILP Create Accls Control
10_151 ILP Gather Accls Data
10_152 ILP Create Accls
10_198 ILP IRS 1098 Tape Create
10_201 LPS Reports Sequential Pass
10_202 LPS Set Date
10_203 LPS Split Transaction And Reports
10_204 LPS Build Sort Routine
10_205 LPS Batch Post
10_206 LPS First Pass Reports
10_207 Management Report Key Arrangem
Pass 2 Reports
10_209 Management Report Key Arrangem
LPS Management Report Print

10_211 Reset In Progress Indicator
10_212 ILP Billing Print
10_213 Dealer Reports Print
10_214 Reserve Analysis
10_215 Reserve Analysis Reports Pass
10_216 ILP Second Pass Reports
10_217 Create Rate Change Ticklers
10_218 LPS Dealer Sequential Pass
10_219 LPS Commitment Batch
10_220 ILP CDS OTP Release
10_221 ILP CDS OTP SPS Prt
10_222 ILP OTP Batch Add
10_223 ILP OTP Release
10_224 LPS First Pass Reports
10_225 Release CDS
10_226 Print CDS Master File
10_227 Commitment Billing Print
10_228 ILP Loans G L Balancing
10_229 ILP Loans G L Balancing
10_233 Combine Billing Statement Pro
10_234 Combine Billing Statement Pro
10_235 MASS Officer Change
10_240 Student Loan Sequence Batch Process
10_245 ILP Student Loans Guarantee Inst Re
10_283 ILP DB2 Extract Borrower
10_284 ILP DB2 Extract Commitment
10_285 ILP DB2 Extract Loans
10_286 ILP DB2 Extract Collateral
10_287 ILP DB2 Extract Dealer
10_288 ILP DB2 Extract Participatio
10_29605 Insurance Upgrad BLE PCD Conversion
10_301 Apply Defer Updates
10_303 LPS External 17210 Conversion
10_307 LPS External 29809 Convert
10_308 LPS Tickler Sort
10_309 ILP Participation Comm Participation Purge
10_310 ILP Loan Purge
10_311 ILP Commitment Purge
10_312 ILP Collateral Purge
10_313 ILP Borrower Purge
10_315 ILP Offline History Purge
10_317 Set TCB Effective Date
10_318 LPS Percentage Reports
10_319 ILP External Transaction Build
10_320 Extract Lpsmemo Transactions
10_321 LPS Credit Bureau Sequential
10_323 Trial Bulk Loan Transfer
10_324 Final Bulk Loan Transfer
10_336 Scheme Billing Roll Up
10_340 ILP Maintenance History Purge Transaction
10_390 ILP Transaction History Purge On Line
10_395 ILP Transaction History Purge Master
10_43922 Data Group Report
10_453 LPS Update Clspid After Disburse
10_454 LPS Clspid Create Ins Disburse

10_730 Pid Input Second Pass Reports
16_205 Update OCS W Transaction Format Other Online
16_206 OCS Letter Print Driver
16_209 Add Update OCS With TCS Transaction
16_210 Input To Update OCS From ILP
16_220 Prioritization N16307
16_230 Distribution N16306
16_250 Monthly N16308 N16309
16_260 Monthly N16310
16_280 Sequence Pass Online Report Split
16_290 Archive History
16_897 Build Convert To 1 2 Ocbserv
16_899 Convert Sfti727 To Sfto601
26_1204 26_1204
26_1205 26_1205
26_1206 26_1206
26_1207 26_1207
26_1208 26_1208
26_1209 26_1209
27_2705 Borrower Sequence Pass Of Data Base
27_2710 Borrower Sequence Pass Of Data Base
27_2712 Borrower 1st Pass Reports Ba
27_290 Borrower Conversion Rec Type
28_2810 Collateral Sequence Pass Of Data Ba
28_2812 Collateral 1st Pass Reports
28_2814 Collateral Security Pricing Sequence Pa
28_2816 Collateral Sequence Pass Tax Service Database
28_2818 Collateral Preprocessing Tax Service
28_2819 Collateral Tax Disburse Database Update
28_2820 Collateral Its Record Build
28_2822 Collateral Process Returned Its
28_2824 Collateral Tax Srvc Return File Bi
31_106 Mla Split Mlarpts File Batc
31_107 Mla Sequence Pass Online Data Bas
31_108 Mla Sequence Pass Offline File
31_109 Mla 1st Pass Reports Batch
31_110 Mlac Mla Clear CTF File Bat
33_1 Retrieve Name Address Information
33_612 Prompt Name And Address Maintenance
33_614 NAF Batch Processing
33_615 Extract NAF Information
36_10 GLI Assignment Interim Account Number
36_11 Assignment Interim G L Number
36_12 Assignment Interim G L Number Gene
36_13 Assignment Interim G L Number Gene
36_15 FSS G L Reports Production
36_20 GLI Assignment User Account Number
36_30 Genearal Ledger Warehouse
36_40 Print PCD 36000
36_41 Print PCD 36001
37_110 37_110
37_120 37_120
37_130 37_130
375_10 375_10
375_20 375_20

375_25 375_25
 375_40 Payment Batch Offset Transaction Creation
 375_50 Payment Batch Add
 38_100 Standard Interface Table Build
 38_102 Prompt For Siit Display
 38_103 Display Siit Table
 38_199 Print SIM Report
 38_20 FSS Set Date Step
 38_21 FSS Set Date Step To Bypass Bu
 38_25 FSS Get Date Step
 38_26 FSS Get Date Step To Bypass Bu
 38_750 Hierarchy Batch Generate Processor
 38_92 PCD 2509 Conversion To New Tec
 38_940 Append Customer Key To EBS Broadca
 39_200 LSM Loan Selection Batch Processing
 39_210 LSM Batch Report Selection
 39_220 LSM Batch Reports
 40_70 TDA OTP Batch Release
 40_90 TDA CDS OTP Report Production
 42_71 DDA OTP Batch Release
 42_90 DDA Build Sort Key
 43_900 Conversion Program 1 2 To 1 3 Pc
 43_901 Conversion Program 1 2 To 1 3 Bo
 43_902 Conversion Program 1 2 To 1 3 Co
 43_903 Conversion Program 1 2 To 1 3 Cl
 43_904 Conversion Program 1 2 To 1 3 Cl
 43_905 Conversion Program 1 2 To 1 3 Cl
 43_906 Conversion Program 1 2 To 1 3 Cl
 43_907 Conversion Program 1 2 To 1 3 Cl
 43_908 Conversion Program 1 2 To 1 3 Di
 43_909 Conversion Program 1 2 To 1 3 XI
 43_910 Conversion Program 1 2 To 1 3 Pa
 43_911 Conversion Program 1 2 To 1 3 Processor
 43_912 Conversion Program 1 2 To 1 3 Cm
 43_913 Conversion Program 1 2 To 1 3 Il
 43_914 Conversion Program 1 2 To 1 3 Lp
 43_916 PCD 17430 Conversion
 43_917 Convert Bormast 130 To 131
 43_918 Convert Pcds 130 To 131
 43_919 Convert Clsserv Release 1 3 Upgra
 43_920 Convert Mlaappl Release 1 3 Upgra
 43_921 Split 10573 Datagroup From Clsserv Database
 43_922 Split 10473 From Clsatf Databa
 43_923 Convert 10573 Datagroup To Create Lpd
 43_924 Convert 10473 Datagroup To Create Lph
 43_926 PCD Conversion For Product Identifie
 43_927 Convert Pcds 131 To 131+
 43_928 Convert Clsserv 1 3 1 To 1 3
 43_929 Convert Clsatf 1 3 1 To 1 3
 43_930 Convert Colldb 1 3 1 To 1 3
 43_931 Convert Ilpcbdt 1 3 1 To 2
 43_932 Conversion Clsserv 1 3 1 To Release
 43_933 Conversion Clsatf 1 3 1 To Release
 43_934 Convert Colldb 1 3 1 To Release
 43_935 Convert Bormast 1 3 1 To Release

43_936 Convert Clscomm 1 3 1 To 2
 43_938 Conversion Program 1 3 1 To 2 0 Cm
 43_940 Conversion Program 1 2 To 1 3 Ml
 43_941 Conversion Program 1 2 To 1 3 Ml
 43_942 Conversion Program 1 2 To 1 3 Ml
 43_944 Offline History Conversion
 43_947 Conversion Program 1 3 To 2 0 Closed
 43_948 Conversion Program 1 3 To 1 3 1 Dl
 43_950 Convert Clsatf Release 1 3 01 Upg
 43_953 Conversion Program 1 3 1 To 2 0 Cl
 43_954 Conversion Program 1 3 1 To 2 0 Processor
 43_955 Conversion Program 1 3 1 To 2 0 Lp
 43_956 Conversion Program 1 3 1 To 2 0 Lp
 43_957 Convert Pcds 131 To 200
 43_997 Convert Program 43997 Expand Datagroup
 45_111 OTP Batch Release
 45_112 OTP Batch Add Integrated
 45_9281 OTP Print PCD 9281
 45_9282 OTP Print PCD 9282
 45_9283 Converted Transaction Definiti
 46_1 Restraints Processing Batch
 46_100 Restraints Stop Pay Prompt
 46_1000 Restraints Sequence Processing Bat
 46_1001 Sequence Batch Pass Restraint For ILP
 46_101 Restraints Duplicate Check Pro
 46_102 Restraints Pledge Prompt
 46_1025 Restraints Sequence Processing Bat
 46_103 Restraints Hard Hold Prompt
 46_104 Restraints Stop Pay Inquiry Prompt
 46_105 Restraints Merchant Authorization Prompt
 46_1050 Restraints Sequence Processing Bat
 46_106 Prompt Restraints Online Inqui
 46_1100 Converted Transaction Definiti
 46_1101 Restraint Report For ILP
 46_1150 Converted Transaction Definiti
 46_1900 Converted Transaction Definiti
 46_2000 Converted Transaction Definiti
 46_2050 Converted Transaction Definiti
 46_2100 Converted Transaction Definiti
 46_2150 Converted Transaction Definiti
 50_30 Converted Transaction Definiti
 51_110 CDS Batch Release
 51_120 CDS Master File Print
 51_130 CDS Purge Processing
 51_612 CDS Batch Processing
 54_100 General Maintenance Print Driver
 54_24 Print PCD 5501 G LParms
 54_25 SPS Print Element Cross Refe
 55_1013 EFS Print Cross Reference List
 58_1 CWS Report Print
 58_100 ILP Sort I P Create Control Report
 58_101 ILP Check Writing Print SPS
 58_102 ILP Print Checks ARP File
 58_2 CWS Batch Processing
 58_3 CWS Check Print

58_4 CWS Print SPS Reports
58_5 CWS Batch Process
58_6 CWS Batch Process
58_7 CWS Print SPS Reports
58_8 CWS Batch Process
58_9 CWS Batch Process
64_188 Batch CISX Setup Maintenance
64_31 Converted Transaction Definiti
64_32 Build Generalized Input To Customer
64_33 Build Batch Combine Transaction From Generate
64_34 Build OLCC Combine Rcd From Generate
64_35 Match Up Customer To Customer Transaction On
64_37 Build ISI Scrub Input Rcd From
64_38 Build ISI Scrub Input Rcd From
64_39 Sequence ADF Household #s
64_40 Process CIS Batch Maintenance
64_41 Process CIS Conversion Pass
64_42 Process CIS Conversion Pass
64_44 Build ISI Customer Dedup Bankma
64_45 Build Batch Combine Transaction From Is
64_46 Build OLCC Records From ISI Customer De
64_47 Convert Standard Conversion Input
64_48 Convert ISI Scrub Output To Ci
64_49 Build Test Transaction For CIS Maintenance
64_50 CIS Batch Customer Profile Rep
64_52 Strip File Update For AIF File
64_55 Expand Existing CIS D R File
64_56 Extract Records From CIS File Fo
64_57 Delete Duplicate Transaction From A64056 Exit
64_570 CIS Sequential Report Extract Pul
64_573 Build SPS Report Explode From Sequence
64_58 CIS CIF Customer No Resequenc
64_59 Sequence CIF Cnos
64_60 Extract CIS Relations For Interface
64_62 CIS Integrity SPS Maintenance
64_64 Match Integrity Extracts And
64_65 CIS Olf Batch Transaction Driver
64_67 CIS Operator Online Maintenance
64_68 CIS Online Audit Maintenance
64_70 Build ISI Bankmatch Op If Exact
64_71 Move AIF Segs To Application Master File
64_75 CIF Conversion Rel 1 2 Cst1
64_77 CIF DB2 Conversion Rel To 1
64_78 CIF DB2 Conversion Rel To 1 3 02
64_80 Purge CRF File In Batch
64_82 Split Outstanding CIS Report File CRF
64_83 Convert Cusu CRF Records For Ba
64_84 Convert Acsu CRF Records For Ba
64_89 CIS Batch Extract For EMS
64_91 Bormast APSP Conversion
65_101 ADF HDB To DB2 Migration
65_102 AIF HDB To DB2 Migration
65_103 CIF HDB To DB2 Migration
65_107 CIS ADF Build Rebuild Secondary Key
65_108 Relational Address City St Zip

65_112 CHF HDB To DB2 Migration
65_141 Process CIS Batch Maintenance
65_142 Fast Conversion Pass
65_143 Fast Conversion Pass
65_144 CIS Fast Conversion HDB Reload
65_146 CIS Fast Conversion CAMS Acac
65_251 CIS Batch Extract For RIS
65_25107 CIS Update Format 24188 For Keys Re
65_252 CIS Batch Extract For RIS
65_253 CIS RIS Maintenance Extract
65_254 PCD 24180 Batch Extract For Ri
65_257 CIS Batch Extension New Customer For RIS
65_258 CIS New Customer Address Extension For RIS
65_277 CIS ET Maintenance Extract
65_37 Build ISI Scrub Input Rcd From Ho
65_44 Build ISI Customer Dedup ISI Match
65_45 Build Batch Combine Transaction From Is
65_46 Build OLCC Records From Isimatch Cu
65_48 Convert ISI Scrub Output To CIS
65_5072 CIS ADF Conversion For Rps 130
65_51 Build SPS Report 651 652 653
65_5107 CIS CIF Build Rebuild Secondary Key
65_52 Extract Compare For 24651 2465
65_54 Create Extract Records For Input
65_6 CIS Cuac Adac Acac Update For Acc
65_79 Convert Cusu CRF Records For Ba
65_83 CIS ADF Extract For Lpc
65_84 CIS Build Maintenance Transaction For ADF
65_91 CIS ATO Batch Expiry Notices
65_92 CIS ATO Invalid TFN Report
795_10 FSS Transaction Warehouse Load
795_20 Transaction Warehouse Load Jou
795_50 DDA Transaction Warehouse End Of Day
795_60 Transaction Warehouse Stand Alone Report
795_70 Transaction Warehouse Stand Alone Reports
81_500 Acaps ILP Interface
81_501 Acaps ILP Interface
81_502 Acaps ILP Interface

Fundamentals of ILP Jobs



Principle: What We Must Know Now About ILP Jobs

- Daily processing
- Issues Addressed by the Batch Jobs



Notice About ILP Jobs

- Jobs begin “ILP”
- Relatively few ILP jobs
- Which are important for your use of ILP

Jobs in the ILP Environment

Hogan Systems Browser

Objects:Job

12/5/2002 2:18:30 PM

CLPSERV	Pokorny
HJEGL	‘print ILP General Ledger Trancds’
HOGNPR21	CIS Standard Conversion
HOGNPR22	CIS Batch Maintenance
HOGNPR23	CIS Customer Profile Report
HOGNPR24	CIS Integrity Report
HOGNPR25	CIS Strip File Test
HOGNPR26	CIS New Cusu Report
HOGNPR27	CIF UDP Dedup Interface
HOGNPR28	CIF Exact Dedup Build
HOGNPR32	CIS Report Driver
HOGNPR33	CIS Fixed Wrong Keys
HOGNPR34	CIS Operator Maintenance Report
HOGNPR35	CIS File Extract
HOGNPR36	CIS Hhf Resequence
HOGNPR37	CIF Customer Number Resequence
HOGNPR45	CIS Branch Maintenance Report
HOGNPR49	CIS Branch Maintenance Report
HOGNPR51	CIS Customer Dormant Chg
HOGNPR52	CIS Rbld 2dry Key
HOGNPR53	Move AIF To Account Master

HOGNPR65	TFN Expiry Notices
HOGNPR66	Invalid TFN Tape
HOGNPR69	Convert Load CIF
HOGNPR71	CIS Fast Conversion Test
HOGNPR75	Conversion Cucu And Rejs
HOGNPR80	EMS Batch Extract
HOGNPR97	Convert ADF Rps14002
HOGNPR98	CIS Scrub Extract
HOGNPR99	Address Scrub Batch Maintenance
HOGNPRO2	INIT File
ILPJS001	'ilp Job 001'
ILPJS002	'ilp Pid Cycle'
ILPJS003	'ilp Mlap Cycle'
ILPJS004	'ilp Product Cycle'
ILPJS005	'ilp Lsm'
ILPJS006	'ilp Tax Srv File'
ILPJS007	'ilp Miscellaneous Cycle'
ILPJS009	'ilp General Ledger Cycle'
ILPJS010	'ilp Report Cycle'
ILPJS011	'ilp Rset Flag'
ILPJS012	'ilp Rset Flag'
ILPJSX07	'ilp Miscellaneous Cycle'
ILPSEQR	'loans Sequence Rpts'
ILPTHPO0	'exec Thp'



Notice about ILP Implodes and Reports

- Lots of them!
- Naming relationships between implode and report number
- Importance of the implode beyond reporting

Hogan Systems Browser

Objects:Report

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00000 Banks Processed This Run
00001
00002 Statistical Report
00003 Activity On Dormant Escheatable Accounts
00004 Daily Overdraft Report
00005 Rejected Items
00006
00007 Charge Off Report
00008 Purge Account Report
00009
00010 New Reopen Transferred Ac Counts
00011 Close Account Report
00012 Dormant Account Journal
00013 Escheatable Accounts Journal
00014
00015
00017 Stop Pay Hit Suspect Journal
00018 Service Charge Journal
00020 Drawing On Todays Deposits
00021 Large Items Report
00022 Significant Balance Change Report
00023 Kiting Suspect Report
00025 Inactive Accounts Journal
00026
00027
00028
00029
00030 Alert Activity Report
00031 Bankrupt Account Report
00032 Maintenance Report
00033 Account Status Change Report
00034 Ownership Of Demand Deposit Ac Counts
00035 Daily Management Overdraft Report
00036
00037 Average Balance Report
00039 Daily Public Fund Report
00040
00041 Collection Worksheet
00042
00043 Daily Line Of Credit Collection Control Recap
00044 Due To Banks Daily Report
00045 Internally Generated Items
00046 Forced Items Report
00047 General Ledger Financial Control Summary
00048
00049
00050 Paid Items List
00052
00053 Statement Exceptions
00054 Purge Restraints Report
00055 Wire Transfer Report
00057 Issue Reissue Report
00058 DDA Transaction Journal And Trial Balance

00060 Close Accounts Report
 00065 Ocl And Delinquent Accounts Report
 00066
 00067 Significant New Business Report
 00068 Special Handling Report
 00069 Special Program Accounts Recap
 00070 Standard Industry Classification Code Recap
 00071 Reject Reissue Recap
 00072
 00073
 00074 Industry Involvement By SIC SPC Code
 00075
 00076 Excess Activity Report
 00077 Account Restrictions
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 00079 Daily Rejected Maintenance
 00080 Average Balance Report
 00081 Paid Items List
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 00084 Standard Industry Classification Code Recap
 00085 Service Charge Analysis Report Commercial
 00086 Retail Service Charge Analysis Report
 00087
 00088 Unmatched Statement Reversals
 00089 FDIC Range Report
 00090 DDA Target Balance Relationship Ps
 00091 DDA Driver Relationship Report
 00092
 00093
 00094
 00095
 00096 Report Of Expire Restraints
 00099 Interest Disburse Register
 00100 Branch Cost Center Transfer R Eport
 00101 Consolidated Overdraft Report
 00102
 00103 Float Balance Report
 00104 Float Control Report
 00105 Debit Interest Journal
 00106 Effective Dated O D Limits Due For Review
 00112 Relationship Pricing Analysis
 00118 Overdraft Service Charge Analysis Journal
 00119
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 00123 Regional Cross Reference Maintenance Enance
 00124 Relationship Pricing Analysis Interest
 00125 Transactions Generated To Inve Stments
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 00151 Pending Open Audit Report
 00152 Value Dated Items
 00154 Adjustment Journal Post Items
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00165 **Account Backdated Activity Report**
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00182 **Accounts Reported To IRS By Taxpayer Identifier**
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00184 **Earnings By 1099 Type Statistical Report**
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00260 **Control Disburse Daily Adjustment Report**
00261 **Control Disburse Activity Report**
00280 **Transaction Journal**
00282 **And Adjustments Journal**
00283 **Monthly Withholding Tax Collected Journal**
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00307 **Escheatable Accounts To Be Remitted To The State**
00309 **Escheatable Accounts Remitted To The State**
00310 **Escheatable Accounts Not Remitted To The State**
00311 **Processing Identifier Transfer Report**
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00601 **CIS Maintenance Report**
00611 **CIS Customer Integrity Report**
00612 **CIS Address Integrity Report**
00613 **CIS Account Integrity Report**
00620 **CIS Customers Without Accounts**
00621 **CIS Customers Without Address**
00622 **Account Profile**
00623 **Accounts Without Customers**
00624 **Accounts Without Address**
00625 **Address Without Relationships**
00626 **Address Profile**
00627 **CIS Customer Purge**
00628 **Account Purge**
00629 **Address Purge**
00631 **CIS Customer Remarks Purge**
00632 **Household Remarks Purge**
00633 **Account Remarks Purge**
00634 **CIS Customer Address Purge**
00635 **CIS Account Address Purge**
00636 **Customer Status Chg No Relationship**

00637 Customer Status Chg Purgeable
00638 CIS Customer Phone Purge
00639 CIS Customer Identifier Purge
00651 CIS Write For Ar0651
00652 CIS Write For Ar0652
00653 CIS Write For Ar0653
00660 N Will Expire
01001 Transaction Post Journal
01002 Statistical Report
01006 01006
01007 Charge Off Accounts
01009 Trial Balance
01010 New Reopen Renewed Transferr Ed Accounts
01011 Close Account Report
01012 Dormant Account Journal
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01014 01014
01015 01015
01025 Inactive Accounts Journal
01026 Close Accounts Disburse Journal
01030 Alert Activity Report
01033 Account Status Change Report
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01068 Special Handling Report
01069 Special Program Accounts Recap
01070 Iras Exceeding Contribution Limits
01071 Maturity Disburse Register
01072 Retirement Disburse Register
01073 01073
01074 01074
01075 01075
01076 Retirement Accounts At Distribution Ution Age
01080 Interest Disburse Register
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01193 Report Of Liability To Foreigners
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01205 TDA Negative Accrual Adjustment Report
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01278 Accrual Period
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02016 Generated Automated Clearing Items
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02209 02209
05093 05093
06402 Link To SPS Report Fr64002
07374 07374
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10001 New Applications
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10100 SPS LPS Set Product Company Fo Co Exit
10101 File Maintenance Input List
10102 Monetary Transaction Input List
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10105 Rejected File Maintenance
10106 Rejected Monetary Transactions
10107 SPS System Gend Monetary Input
10108 Exception Items
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- 10139 Summary Of Loans By Interest Rate**
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- 10143 Ready Credit Review**
- 10144 Loans Maturing During Next**
- 10145 Loans Outstanding By Loan Type**
- 10146 Summary Of Loans By Loan Type**
- 10148 Loans Resulting From R Enegotiation**
- 10149 Loans Outstanding By Loan Purpose**
- 10150 Summary Of Loans By Loan Purpose**
- 10151 Loans Outstanding By Collateral Code**
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- 10159 Rate Sensitivity Analysis**
- 10160 Forced Items Report**
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- 10163 Periodic Frequency**
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- 10166 Annual Statement**
- 10167 Annual Statements Produced**
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- 10170 Cash Flow Forecasting By**
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- 10183 Loans Review Report**
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- 10191 Lr10191 Average Balance Billing Statement**
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- 10197 Loans With Average Balance Year To Date**
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- 10199 Purge Data Change**
- 10201 Loans Outstanding By Tax Code**
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- 10204 Loans Outstanding By Industry Fr2416a**
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- 10430 Start Date Equal To**
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- 10441 Bulk Loan Transfer Journal**
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- 10443 Implode Lr10445 Floorplan Delinquent Notice**
- 10444 Implode Lr10444 Floorplan Delinquent Notice**
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- 10539 Implode Lr30039**
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- 10542 Portfolio Analysis Of Mobile Homes By Unit Size**
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10614 Implode Lr39614 Selection Detail
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10852 Conversion Control Report
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10872 Credit Review Summary Report
10873 Credit Review Summary Report
10874 Credit Review Summary Report
10875 Credit Review Summary Report
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10895 Borrower Name And Address Listing
10934 Vault Receipt Tracking
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10943 Collateral Exception Notice Journal
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10990 **Geographic Code Log**
10999 **Implode OCS Transaction**
13002 **Statistical Report**
13022 **Pcd17413 To Pcd36000 Cross Reference Report**
15012 **Credit Line Increase Candidates**
15013 **Account Plastic Transfer Log**
15031 **CASS Pre Notice Exemption Amounts**
15035 **Delinquent Finance Charge Recap**
15036 **CASS Credit Interest Tax Paid Year Ending**
15045 **CASS Postmailers**
15050 **Plastic Production**
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16102 **OCS Restricted Accounts**
16103 **OCS Transaction Exceptions**
16104 **OCS Periodic Trending**
16105 **OCS Inactive Accounts**
16107 **Implode Nr16107**
16110 **Implode Letter3**
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16176 **Implode Nr16176**
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16183 **OCS Account Audit Report**
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26010 **Pay Batch I P List Lr26010 40805 26010**
26015 **Inactive Payee**
26030 **Remits Disburse**
27010 **Borrower Lr27010**
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 28041 Implode Lr28041
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 30010 Implode Report Lr30010 Title Transfers
 30012 Implode MLS 30012
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 41011 **Implode C O Expire**
 41015 **Implode Report Lr41015**
 41019 **Implode Tax Srv Reqs**
 41021 **Implode Report Lr41021**
 41022 **Implode Lr41022**
 41023 **Implode Lr41023**
 41024 **Implode Lr41024**
 41025 **Implode Lr41025**
 41026 **Implode Docs Not Snt**
 41027 **Implode 40027**
 41028 **Implode 40028**
 41029 **Implode Lr41029**
 41030 **Implode 40030**
 41031 **Implode Lr41043**
 41032 **Implode Lr41032**
 41034 **Implode Advance Act Letter**
 41035 **Implode Lr41035**
 41036 **Implode Lr41036**
 41037 **Implode 40037**
 41038 **Implode Floodletters**
 41039 **Implode Empl Verifs**
 41040 **Implode Report Lr41040**
 41042 **Implode Funded Application**
 41043 **Implode Report Lr41043**
 41044 **Implode Report Lr41044**

**41045 Implode Report Lr41045
41046 Implode Report Lr41046
41047 Implode 40047
41048 Implode Lr41048
41049 Implode Lr41049
41050 Implode Report Lr41050
41051 Implode Lr41051
41056 Implode Lr41056
41060 Implode Mla Projection Detail
41062 Implode Mla Projection Detail
41070 Implode Lr41070
41071 Implode Report Lr41071
41599
48904 Implosion Report 48952 Data Expansion**

Exploration : LCGI Screen



Explore with Hogan Systems Browser

- See the relationship between FPS scenario CLSLCGI and Program L21004
- Notice
 - Databases accessed
 - Programs called directly and downstream
 - Interfaces
 - Global Datagroup



Exploring Exercise 1

- Continuing with the current LCGI exploration:
 - What database can be read through the Borrower interface? What datagroups?
 - What datagroups used by the borrower interface are owned by Umbrella?
 - What is the map for LCGI?



Explore ... using HSB

- See the relationship between User Screen and Other Screens
- Notice
 - User screen that precedes LCGI
 - Change Focus to LSSS and notice screens can get to from there
 - Pick a screen to screen relationship and find the corresponding FPS specification that creates the relationship



Exploring Exercise 2

- Explore the L50114 Program
 - What job and transaction lead to its execution in batch?
 - What databases are involved with the program?
 - What datagroup contains the primary output of this program?
 - Find a report that shows the posting of the assessed charge?

Initiating the Loan System

5



Where we're going...

- System Initiation
 - The Institution Control File
 - Online Initialization (LINT)
- Lending Policy
- Borrower Support System
- Collateral Support System

Institution Control File



Institution Control File

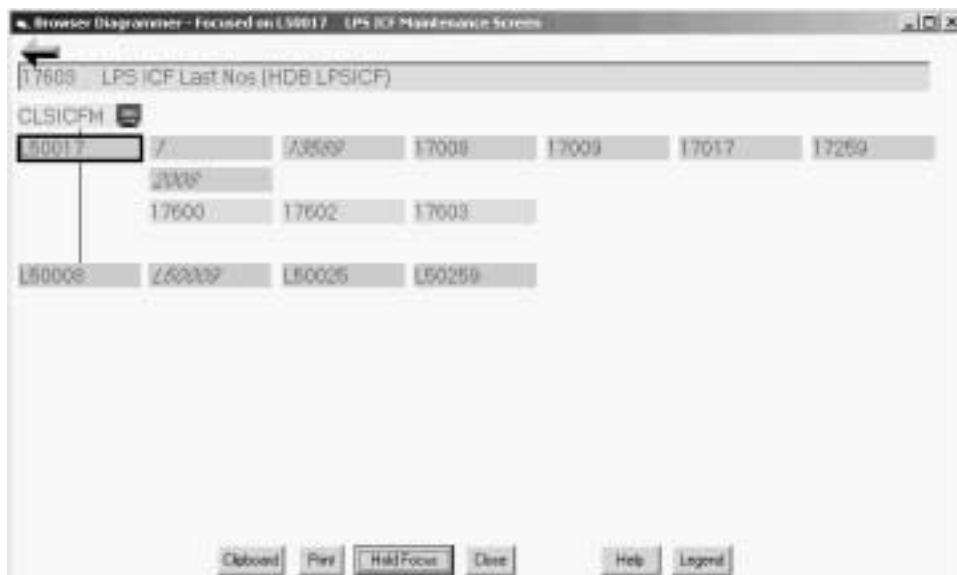
- Required for each Product within Company
- Used for
 - last assigned account number by product
 - system dates



Explore ICF

- For the function CLSICFM, notice
 - records by product, company
 - company 8888, the default company
 - last assigned number
 - dates
 - need for securing function
 - LPSICF database

Institution Control File



Objects: (row, column) 12/12/2002 12:30:44 PM

(1,1) CLSICFM LPS ICF Maintenance Screen
(2,1) L50017 LPS ICF Maintenance Screen
(2,2) Datagroup: 1 P49000D User TCB
(2,3) Datagroup: 13589 I53589D FPS Comm Comunic Datagroup
(2,4) 17008 LPS Date Edit Work
(2,5) 17009 Datagroup 101 GENP For ILP
(2,6) 17017 Lpsicf Screen Datagroup
(2,7) 17259 Lpsicf Calculation Program Datagroup
(3,2) Datagroup: 2008 T58001D DTS
(4,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
(4,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
(4,4) 17603 LPS ICF Last Nos (HDB LPSICF)
(6,1) L50008 LPS Simple Date Edit
(6,2) CP!L50009?
(6,3) L50025 Calculate Late Charge
(6,4) L50259 ICF Dates Calculation



Ticklers

- ILP has two types of batch runs
 - Sequential (in which all loans, etc. are visited)
 - Random (in which only those necessary are visited)
- ILP produces “ticklers” or “triggers” during a sequential pass. These are transactions that cause a loan (etc.) to be visited in a random pass at a predetermined date in the future (up to the next sequential process date).



Principle: Changing the Next Sequential Pass Date

- Extending the next sequential pass date must be done only when the current run is a sequential pass
- Otherwise a “tickler gap” exists, where ticklers have not been generated from the former next sequential processing date to the new one
- The next sequential pass date may be set to an earlier date with no adverse effect.

Online Initialization (LINT)



Online Initialization - LINT

- Builds tables for use throughout the online day
- By company, or ALL companies
- Builds Online company table and Batch Control Record
- Initialize (I) must precede any other online transaction for the day
- Reinitialize (R) initializes tables also, but does not set end of day time for prior day.



Notice about LINT:

- Check for Ceiling Rate change (PCD 1699)
- Updating PCD 8007 (DEP)
- See BCTL screen to see dates reset

LINT - Online Initialization



Objects: (row, column)12/12/2002 2:43:16 PM

(1,1) CLSLINT Loans Initialization
(2,1) L50731 Loan Copy Of B50731 Online Tables INIT
(2,2) 1695 Miscellaneous Bank Control Data Datagroup
(2,3) PCD: 48009 U48009D Gennd Format Def
(2,4) 8007 Deposit PCD Data For 24 Hour Processing
(3,2) Datagroup: 1 P49000D User TCB
(3,3) Datagroup: 1301 T58551D CCP PCD Master
(3,4) Datagroup: 1452 I57101D PCD Control Block
(3,5) 17099 Lint Transaction Index Save Work Datagroup
(3,6) 17736 LPS Bctl Table Random Table
(3,7) 17747 Online Company Table Random
(4,2) Datagroup: 2008 T58001D DTS
(4,3) 220046 Lint Screen And Work Data Group
(4,4) 220818 ILP Random Table Work Datagroup
(4,5) 8019 Permanent Data Group For 24 Hr Processing
(4,6) 8020 Permanent Data Group For Data Group
(4,7) Datagroup: 9 P49809D User Exception Message
(6,1) I47007 PCD For 24 Hour Processing
(6,2) L50066 LPS Test Rate Ceiling Change Frequency
(6,3) L50407 Maintenance INIT For Loan
(6,4) L50702 Clsserv INIT Of All Datagroups Using Datagroup 17702
(6,5) T50995 Table Build Read PCD 1695

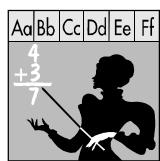
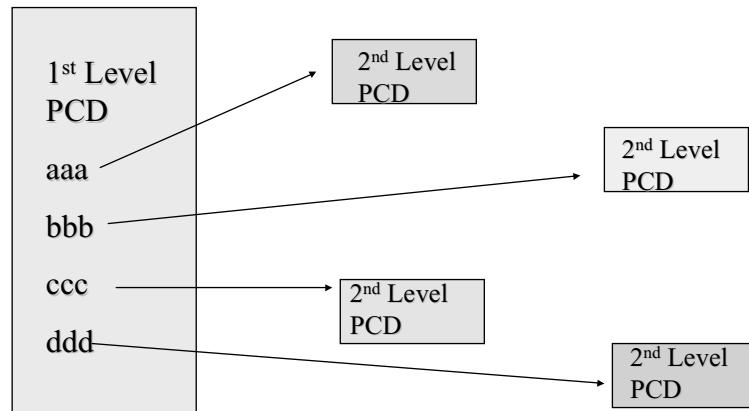
Lending Policy



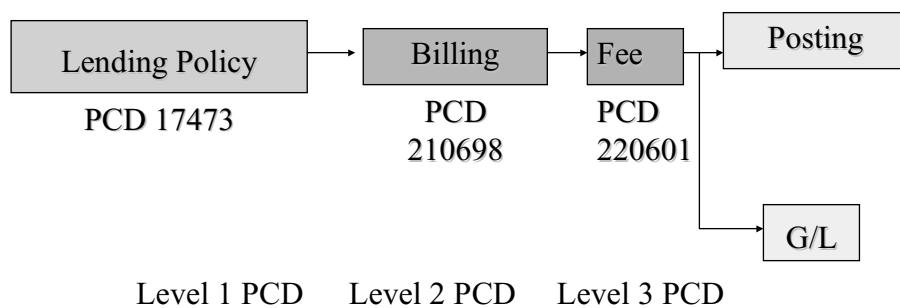
Lending Policy

- Categorizing Loans at Origination for similar processing
- Stores common attributes for assignment to new loans within the category (lending policy)
 - structure of loan
 - how and when processes occur
 - calculations
 - reporting
 - user exits

PCD Level Relationship



Lending Policy Flow to GL





Your Turn: Which format is likely to have more items - Level 1 or Level 3?



Notice about Lending Policy PCDs:

- Billing Code and some other fields inherited by loan from Lending Policy at setup
- Higher level PCDs can share lower level PCDs
- Some PCDs, such as Late Charge PCD (17441), can be shared across product
- Some PCDs, such as Billing Amount Control (17434), cannot be shared across product



Lending Policy Selection

- Automatically assign lending policy identifier based on critical fields supplied on the loan setup
- The identification of these critical fields occurs on PCD 17474 (Lending Policy Key)
- This PCD defines what this bank's key will be to identifying a lending policy (The key to PCD 17475)



Organizing Key Field Selections (Keys to the Key Selection PCD 17474)

- Product (Required)
- Lending Region
- Loan Type (Required)
- Loan Purpose



Additional Fields Selectable to Participate in Lending Policy Identification Key

- Loan Sub-purpose
- Collateral Code
- Currency Code
- Real Property Rights
- Loan to Value %
- Minimum Down Payment
- Maximum Loan Amount
- Maximum Term



Lending Policy Selection Example

- A Consumer (Product ILS) Vehicle Loan (Purpose VEH) Add -On Sum of Digits Rebate Loan (Type ASD) is set up
- Notice
 - PCD 17474 identifying no additional fields required to determine lending policy
 - PCD 17475 determining a lending policy of ASD



Lending Policy Selection

- Diverse Keys may result in same Lending Policy Identifier
- There may be many Lending Policy ID records (PCD 17475) to one Lending Policy Key record (PCD 17474)
- Most fields defaulting from the lending policy may be overridden on the loan

Loan Setup



LSET Scenario

- Method of Adding new consumer, commercial, and mortgage loans
- Flexible navigation
 - May return to prior screens to change data
 - May even change lending policy to re-default all lending-policy associated fields

LSET - Product Selection

CLSLSET	L12090	L12800	L12801	L12803	L12805	L12820
L10821						
L12821	E12922	L12826	L12827	L12828	L12829	E12830
L12832	L12939	L12836	L12835	L12838	L12839	E12840
L12846	E12946	L12850	L12860	E12862	L12863	E12864
L12870	L20010	L20030	L20031	L20033		

Objects: (row, column) 12/12/2002 2:43:16 PM

- (1,1) CLSLINT Loans Initialization
- (2,1) L50731 Loan Copy Of B50731 Online Tables INIT
- (2,2) 1695 Miscellaneous Bank Control Data Datagroup
- (2,3) PCD: 48009 U48009D Gennd Format Def
- (2,4) 8007 Deposit PCD Data For 24 Hour Processing
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) Datagroup: 1301 T58551D CCP PCD Master
- (3,4) Datagroup: 1452 I57101D PCD Control Block
- (3,5) 17099 Lint Transaction Index Save Work Datagroup
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- (3,7) 17747 Online Company Table Random
- (4,2) Datagroup: 2008 T58001D DTS
- (4,3) 220046 Lint Screen And Work Data Group
- (4,4) 220818 ILP Random Table Work Datagroup
- (4,5) 8019 Permanent Data Group For 24 Hr Processing
- (4,6) 8020 Permanent Data Group For Data Group
- (4,7) Datagroup: 9 P49809D User Exception Message
- (6,1) I47007 PCD For 24 Hour Processing
- (6,2) L50066 LPS Test Rate Ceiling Change Frequency
- (6,3) L50407 Maintenance INIT For Loan
- (6,4) L50702 Clsserv INIT Of All Datagroups Using Datagroup 17702
- (6,5) T50995 Table Build Read PCD 1695



Notice About LSET FPS Scenario

- Ability to Navigate back
- Control of varied setup processes
- Branching to Borrower Subsystem
- Branching to Set Up Commitment
- Branching to Validate Dealer
- PCDs accessed for Validation
- Loan Number Assignment Using LPSICF
- LSET Profile Options

FPS Scenario CLSL for CLS

Sequence 000 Lset Product Selection Screen

Link 210300 Link To L12300

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 10204, go to sequence 010.Go To Consumer Lending Policy

If result is 10244, go to sequence 020.Go To Commercial Lending Policy

If result is 10243, go to sequence 030.Go To Mortgage Lending Policy

If result is 10246, go to sequence 040.Go To Construction Lending Pol

For all other results, display to the user.Display All Message

Sequence 010 Lset Consumer Lending Policy

Link 210302 Link To L12301

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 27991, go to sequence 050.Go To Borrower System

If result is 17516, go to sequence 100.Go To Dealer

If result is 17517, go to sequence 150.Go To Participation Purchased

If result is 10255, go to sequence 200.Go To Simple Interest

If result is 17519, go to sequence 210.Go To Revolving Loan

If result is 17510, go to sequence 000.Return To Product Selection

If result is 10250, go to sequence 220.Go To Addon Setup

If result is 17518, go to sequence 220.Go To Precal Setup

If result is 10251, go to sequence 223.Go To Student Information Setup

If result is 10230, go to sequence 061.Go To Cset-commitment Setup

For all other results, display to the user.Display All Message

Sequence 020 Lset Commercial Lending Policy

Link 210302 Link To L12301

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 27991, go to sequence 051.Go To Borrower System
 If result is 17517, go to sequence 150.Go To Participation Purchased
 If result is 17523, go to sequence 210.Go To Multiple Advance
 If result is 17520, go to sequence 215.Go To Add Repayment
 If result is 17521, go to sequence 205.Go To Demand
 If result is 17510, go to sequence 000.Return To Product Selection
 If result is 17522, go to sequence 202.Go To Discount
 If result is 10230, go to sequence 062.Go To Cset - Commitment Setup
 For all other results, display to the user.Display All Message

Sequence 030 Lset Mortgage Lending Policy
 Link 210302 Link To L12301
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 27991, go to sequence 052.Go To Borrower System
 If result is 17516, go to sequence 100.Go To Dealer
 If result is 17517, go to sequence 150.Go To Participation Purchased
 If result is 10255, go to sequence 200.Go To Simple Interest
 If result is 17523, go to sequence 210.Go To Multiple Advance
 If result is 17510, go to sequence 000.Return To Product Selection
 If result is 10230, go to sequence 063.Go To Cset - Commitment Setup
 For all other results, display to the user.Display All Message

Sequence 040 Lset Construction Lending Pol
 Link 210302 Link To L12301
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 27991, go to sequence 053.Go To Borrower System
 If result is 17517, go to sequence 150.Go To Participation Purchased
 If result is 17520, go to sequence 215.Go To Repayment
 If result is 17523, go to sequence 210.Go To Multiple Advance
 If result is 17510, go to sequence 000.Return To Product Selection
 If result is 10230, go to sequence 064.Go To Cset - Commitment Setup
 For all other results, display to the user.Display All Message

Sequence 050 Lset Branch To Borrower System
 Branch to BORBRAX000
 If result is Return, go to sequence 010.
 If result is Previous Level, go to sequence 010.
 If result is Continue, go to sequence 010.
 For all other results, go to sequence 010.Display All Message

Sequence 051 Lset Branch To Borrower System
 Branch to BORBRAX005
 For all other results, go to sequence 020.Return To Lending Policy

Sequence 052 Lset Branch To Borrower System
 Branch to BORBRAX005
 For all other results, go to sequence 030.Return To Lending Policy

Sequence 053 Lset Branch To Borrower System
 Branch to BORBRAX005
 For all other results, go to sequence 040.Return To Lending Policy

Sequence 061 Lset Branch To Commitment Setup
 Branch to CLSCSET000
 If result is Previous Level, go to sequence 010.Return To Consumer Lending
 For all other results, go to sequence 010.Display All Message

Sequence 062 Lset Branch To Commitment Setup
 Branch to CLSCSET000
 If result is Previous Level, go to sequence 020.Return To Consumer Lending

For all other results, go to sequence 020.Display All Message

Sequence 063 Lset Branch To Commitment Setup

Branch to CLSCSET000

If result is Previous Level, go to sequence 030.Return To Consumer Lending

For all other results, go to sequence 030.Display All Message

Sequence 064 Lset Branch To Commitment Setup

Branch to CLSCSET000

If result is Previous Level, go to sequence 040.Return To Consumer Lending

For all other results, go to sequence 040.Display All Message

Sequence 100 Lset Add Dealer Information

Link 210320 Link To L12320

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17510, go to sequence 010.Go To Consumer Lending Policy

If result is 17511, go to sequence 030.Go To Mortgage Lending Policy

If result is 17517, go to sequence 150.Go To Participation Purchased

If result is 10255, go to sequence 200.Go To Simple Interest Setup

If result is 10250, go to sequence 220.Go To Addon Setup

If result is 17518, go to sequence 220.Go To Precal Setup

If result is 17520, go to sequence 215.Go To Scheduled

If result is 17521, go to sequence 205.Go To Demand

If result is 17523, go to sequence 210.Go To Multiple Advance

If result is Continue, go to sequence 100.Continue On Processing

For all other results, display to the user.Display All Message

Sequence 150 Lset Add Participation Purchased

Link 210321 Link To L12321

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17512, go to sequence 020.Go To Commercial Lend Pol

If result is 17513, go to sequence 010.Go To Consumer Lend Pol

If result is 17514, go to sequence 030.Go To Mortgage Lend Pol

If result is 17515, go to sequence 040.Go To Construction Lend Pol

If result is 10255, go to sequence 200.Go To Simple Interest Setup

If result is 17520, go to sequence 215.Go To Scheduled Setup

If result is 17521, go to sequence 205.Go To Demand Setup

If result is 17523, go to sequence 210.To Multiple Advance Setup

If result is 10250, go to sequence 220.Go To Addon/precalculated

If result is 10251, go to sequence 222.Go To Student Loan

If result is 17518, go to sequence 222.Go To Addon/precalculated

For all other results, display to the user.Display All Message

Sequence 200 Lset Simple Amortized Setup

Link 210322 Link To L12322

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17513, go to sequence 010.Go To Consumer Lend Policy

If result is 17512, go to sequence 020.Go To Commercial Lend Policy

If result is 17514, go to sequence 030.Go To Mortgage Lend Policy

If result is 17515, go to sequence 040.Go To Construction Lend Policy

If result is 17516, go to sequence 225.Go To Commercial Code

If result is 17517, go to sequence 226.Go To Consumer Code

If result is 17518, go to sequence 150.Go To Participation Purchased

If result is 17519, go to sequence 100.Go To Dealer

If result is 29768, go to sequence 310.Go To Cashback

If result is 29079, go to sequence 228.Go To Scheme Setup

For all other results, display to the user.Display All Message

Sequence 202 Lset Add Discount Loan Setup**Link 210322 Link To L12322**

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17512, go to sequence 020.Go To Commercial Lend Policy
 If result is 17516, go to sequence 225.Go To Commercial Coces
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 For all other results, display to the user.Display All Message

Sequence 205 Lset Add Demand Loan Setup**Link 210322 Link To L12322**

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17512, go to sequence 020.Go To Commercial Lend Policy
 If result is 17513, go to sequence 010.To Consumer Lend Policy
 If result is 17514, go to sequence 030.Go To Mortgage Lend Policy
 If result is 17515, go to sequence 040.Go To Consturction Lend Policy
 If result is 17516, go to sequence 225.Go To Commercial Code
 If result is 17517, go to sequence 226.Go To Consumer Code
 If result is 17518, go to sequence 150.Go To Participation Purchased
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 For all other results, display to the user.Display All Message

Sequence 210 Lset Add Multiple Advance**Link 210322 Link To L12322**

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17512, go to sequence 020.Go To Commercial Lend Policy
 If result is 17513, go to sequence 010.Go To Consumer Lend Policy
 If result is 17514, go to sequence 030.Go To Mortgage Lend Policy
 If result is 17515, go to sequence 040.Go To Construction Lend Policy
 If result is 17516, go to sequence 225.Go To Commercial Code
 If result is 17517, go to sequence 226.Go To Consumer Code
 If result is 17518, go to sequence 150.Go To Participation Purchased
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 For all other results, display to the user.Display All Message

Sequence 215 Lset Add Repayment Loan**Link 210322 Link To L12322**

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17512, go to sequence 020.Go To Commercial Lend Policy
 If result is 17513, go to sequence 010.Go To Consumer Lend Policy
 If result is 17514, go to sequence 030.Go To Mortgage Lend Policy
 If result is 17515, go to sequence 040.Go To Construction Lend Policy
 If result is 17516, go to sequence 225.Go To Commercial Code
 If result is 17517, go to sequence 226.Go To Consumerr Code
 If result is 17518, go to sequence 150.Go To Participation Purchased
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 For all other results, display to the user.Display All Message

Sequence 220 Lset Add Addon Precal Loans**Link 210326 Link To Lset Precal Setup**

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17512, go to sequence 020.Go To Commercial Lending Pol
 If result is 17513, go to sequence 010.Go To Consumer Lending Pol
 If result is 17514, go to sequence 030.Go To Mortgage Lending Pol
 If result is 17515, go to sequence 040.Go To Construction Lending Pol
 If result is 17516, go to sequence 225.Go To Commercial Code
 If result is 17517, go to sequence 226.Go To Consumer Code
 If result is 17519, go to sequence 100.Go To Dealer
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 For all other results, display to the user.Display All Message

Sequence 221 Lset Add Escrow

Link 210327 Link To Add Escrow In Lset
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17510, go to sequence 352.Go To Consumer Profile
 If result is 17511, go to sequence 354.Go To Commercial Profile
 If result is 17847, go to sequence 350.Go To Profile
 For all other results, display to the user.Display All Message

Sequence 222 Lset Student Loan Setup

Link 210328 Link To Student Loan Information Setup
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17513, go to sequence 010.Go To Consumer Lending Policy
 If result is 17514, go to sequence 223.Go To Student Borrower
 If result is Continue, go to sequence 222.Edit And Go To Simple Interest
 If result is 17515, go to sequence 226.Go To Consumer Code
 For all other results, display to the user.Display All Message

Sequence 223 Lset Borrower Student Loan Setup

Link 210329 Link To Borrower Student Loan Setup
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17513, go to sequence 010.Go To Consumer Lending Policy
 If result is 25154, go to sequence 222.Go To Student Loan Setup
 For all other results, display to the user.Display All Message

Sequence 225 Lset Commercial Code

Link 210330 Link To L12330
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17512, go to sequence 020.Go To Commercial Lend Pol
 If result is 17515, go to sequence 040.Go To Construction Lend Pol
 If result is 17516, go to sequence 200.Go To Simple Setup
 If result is 17520, go to sequence 215.Go To Scheduled Setup
 If result is 17521, go to sequence 205.Go To Demand Setup
 If result is 17523, go to sequence 210.Go To Multiple Advance Setup
 If result is 17524, go to sequence 230.Go To Rate Setup
 If result is 17525, go to sequence 233.Go To Write Loan
 For all other results, display to the user.Display All Message

Sequence 226 Lset Consumer Code

Link 210330 Link To L12330
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17513, go to sequence 010.Go To Consumer Lend Pol
 If result is 17514, go to sequence 030.Go To Mortgage Lend Pol
 If result is 17516, go to sequence 200.Go To Simple Setup
 If result is 17523, go to sequence 210.Go To Multiple Advance Setup

If result is 17524, go to sequence 230.Go To Rate Setup
 If result is 17525, go to sequence 233.Go To Write Loan
 If result is 17519, go to sequence 220.Go To Add Pre Calculate Setup
 If result is 17517, go to sequence 220.Go To Add-on Setup
 For all other results, display to the user.Display All Message

Sequence 228 Lset Scheme Setup

Link 220083 Link To L20083

If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 228.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17512, go to sequence 020.Go To Commercial Lend Policy
 If result is 17513, go to sequence 010.Go To Consumer Lend Policy
 If result is 17514, go to sequence 030.Go To Mortgage Lend Policy
 If result is 17515, go to sequence 040.Go To Construction Lend Policy
 If result is 17516, go to sequence 200.Go To Simple Setup
 If result is 17517, go to sequence 220.Go To Add-on Setup
 If result is 17519, go to sequence 220.Go To Pre Calculate Setup
 If result is 17520, go to sequence 215.Go To Scheduled Setup
 If result is 17521, go to sequence 205.Go To Demand Setup
 If result is 17522, go to sequence 202.Go To Discount Setup
 If result is 17523, go to sequence 210.Go To Multiple Advance Setup
 If result is 17524, go to sequence 225.Go To Commercial Code
 If result is 17525, go to sequence 226.Go To Consumer Code
 For all other results, display to the user.Display All Message

Sequence 230 Lset Rate Modifiers

Link 210332 Link To Lset Variable Rate

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17510, go to sequence 200.Go To Simple Interest Setup
 If result is 17511, go to sequence 215.Go To Scheduled Setup
 If result is 17516, go to sequence 205.Go To Demand Setup
 If result is 17517, go to sequence 210.Go To Multi Advance Setup
 If result is 17512, go to sequence 231.Go To Rate Limits
 If result is 17515, go to sequence 232.Go To Rate Tiers
 If result is 17522, go to sequence 233.Go To Write The Loan
 If result is Continue, go to sequence 230.Return To Rate Program
 If result is 17514, go to sequence 237.Go To Rate Payment Change
 For all other results, display to the user.Display All Message

Sequence 231 Lset Rate Limits

Link 210332 Link To Lset Variable Rate

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17513, go to sequence 230.Go To Mods
 If result is 17515, go to sequence 232.Go To Tiers
 If result is Continue, go to sequence 232.Return To Rate Limits
 If result is 17510, go to sequence 200.Go To Simple Interest Setup
 If result is 17511, go to sequence 215.Go To Scheduled Setup
 If result is 17516, go to sequence 205.Go To Demand Setup
 If result is 17517, go to sequence 210.Go To Multi Advance Setup
 If result is 17522, go to sequence 233.Go To Write The Loan
 For all other results, display to the user.Display All Message

Sequence 232 Lset Rate Tiers

Link 210332 Link To Lset Variable Rate

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17513, go to sequence 230.Go To Rate Mods
 If result is 17512, go to sequence 231.Go To Rate Limits
 If result is Continue, go to sequence 232.Return To Tiers
 If result is 17522, go to sequence 233.Go To Write The Loans
 For all other results, display to the user.Display All Message

Sequence 233 Lset Write Loan Data Base
 Link 210333 Link To Lset Database Write L12333
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, end the level.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17522, go to sequence 240.Go To Billing
 If result is 17521, go to sequence 239.Go To Insurance
 If result is 17520, go to sequence 238.Go To Fee
 If result is 17514, go to sequence 242.Go To Split Billing Setup
 For all other results, display to the user.Display All Message

Sequence 235 Lset Add Payment Modifiers
 Link 210335 Add Payment Mods For Lset
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 235.Return To Pigm For Edit
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 10735, go to sequence 236.Go To Payment Limits
 If result is 17511, go to sequence 300.Go To Amount Capitalized Setup
 If result is 10201, go to sequence 210.Go To Multiple Advance Setup
 If result is 10208, go to sequence 220.Go To Precal Setup
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10246, go to sequence 220.Go To Addon Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 200.Go To Simple Interest Setup
 If result is 25167, go to sequence 202.Go To Discount Setup
 For all other results, display to the user.Display All Message

Sequence 236 Lset P And I Limits
 Link 210336 Payment Limits For Lset
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17520, go to sequence 235.Go To Payment Mods
 If result is 17515, go to sequence 300.Go To Amount Capitalized Setup
 For all other results, display to the user.Display All Message

Sequence 237 Lset Rate Payment Change
 Link 210332 Link To Lset Variable Rate
 If result is 17513, go to sequence 230.Go To Rate Mods
 If result is 17522, go to sequence 233.Go To Write The Loan
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 233.Go To Write The Loan
 For all other results, display to the user.Display All Message

Sequence 238 Lset Fee Setup
 Link 210338 Link To Lset Fee Setup
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 238.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17511, go to sequence 240.Go To Billing
 If result is 17521, go to sequence 239.Go To Insurance
 If result is 17514, go to sequence 242.Go To Split Billing Setup
 For all other results, display to the user.Display All Message

Sequence 239 Lset Insurance Setup

Link 210339 Link To Lset Insurance Setup

If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 239.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17511, go to sequence 240.Go To Billing
 If result is 32054, go to sequence 250.Go To Sub
 For all other results, display to the user.Display All Message

Sequence 240 Lset Billing Set Up Summary**Link 210340 Link To L12340**

If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 245.Go To Write Billing Schedule
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 25392, go to sequence 245.Go To Write Billing Schedule
 If result is 10017, go to sequence 241.Go To Detail For Change
 If result is 25204, go to sequence 241.Go To Detail For Inquiry
 If result is 25169, go to sequence 241.Go To Detail For Add
 If result is 25170, go to sequence 241.Go To Detail For Delete
 For all other results, display to the user.Display Message

Sequence 241 Lset Billing Set Up Detail**Link 210340 Link To L12340**

If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 240.Return To Summary Screen
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 25392, go to sequence 240.Go To Summary Screen
 If result is 25393, go to sequence 240.Go To Summary Screen
 If result is 25394, go to sequence 240.Go To Summary Screen
 If result is 17515, go to sequence 300.Go To Amount Capitalized Setup
 For all other results, display to the user.Display All Message

Sequence 242 Split Billing Setup Summary

Link 220030 Link To L20030 Split Billing Summary Setup
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17515, go to sequence 243.Go To Split Billing Detail
 If result is Continue, go to sequence 242.Continue On Processing
 If result is 17524, go to sequence 240.Go To Billing
 For all other results, display to the user.Display All Message

Sequence 243 Split Billing Setup Detail

Link 220031 Link To L20031 - Split Billing Detail Setup
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17523, go to sequence 242.Go To Split Billing Summary
 If result is 27991, go to sequence 244.Go To Borrower System
 If result is Continue, go to sequence 243.Stay In Split Billing Detail
 For all other results, display to the user.Display All Message

Sequence 244 Lset Branch To Borrower System**Branch to BORBRAX005**

For all other results, go to sequence 243.Return To Split Billing Detail

Sequence 245 Lset Write Billing Schedule Information**Link 210345 Link To L12345**

If result is Return, end the level.Return Previous Processing Point
 If result is Continue, end the level.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17520, go to sequence 300.Go To Amount Capitalized Setup
 If result is 17521, go to sequence 246.Go To Automatic Pay Screen
 If result is 25488, go to sequence 235.Go To Payment Mods

If result is 25491, go to sequence 360.Go To Construction

If result is 25494, go to sequence 362.Go To Dealer

For all other results, go to sequence 240.Go To Summary To Display Error

Sequence 246 Lset Automatic Pay Information

Link 210346 Link To L12346

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17520, go to sequence 300.Go To Amount Capitalized Setup

If result is 25488, go to sequence 235.Go To Payment Mods

If result is 25491, go to sequence 360.Go To Construction

If result is 25494, go to sequence 362.Go To Dealer

If result is Continue, go to sequence 246.Continue Processing

For all other results, display to the user.Display All Message

Sequence 250

Branch to CLSLSET370

If result is Return, end the level.Return Previous Processing Point

If result is Continue, end the level.Continue On Processing

If result is Previous Level, end the level.Go To Previous Processing Level

For all other results, display to the user.Display All Message

Sequence 300 Amounts Capitalized Setup

Link 210090 Link To L12090 Captz Edits

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17516, go to sequence 200.Go To Simple Interest Setup

If result is 17520, go to sequence 215.Go To Scheduled Setup

If result is 17523, go to sequence 210.Go To Multi Advance Setup

If result is 17525, go to sequence 350.Select Profile Funding Screen

If result is Continue, go to sequence 300.Process Capitalization Change

If result is 25996, go to sequence 240.Go To Billing

For all other results, display to the user.Display All Message

Sequence 310 Cashback Setup

Link 220010 Link To L20010 - Cashback Setup Program

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17520, go to sequence 225.Go To Cls/xls Code

If result is 17521, go to sequence 226.Go To Cls/mls Code

If result is 17512, go to sequence 020.Go To Consumer Lending Policy

If result is 17513, go to sequence 010.Go To Commercial Lending Pol

If result is 17514, go to sequence 030.Go To Mortgage Lending Policy

If result is 17515, go to sequence 040.Go To Construction Lending Pol

If result is 29079, go to sequence 228.Go To Scheme Set Up

If result is Continue, go to sequence 310.Go To Code And Demographics

For all other results, display to the user.Display All Message

Sequence 350 Lset Select Profile Screen

Link 210303 Select And Display Profile Screen

If result is Return, end the level.Return Previous Processing Point

If result is Continue, end the level.Continue On Processing

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 17510, go to sequence 352.Go To Consumer Profile

If result is 17511, go to sequence 354.Go To Commercial Profile

If result is 17512, go to sequence 356.Go To Student Profile

If result is 25494, go to sequence 361.Go To Construction Profile

If result is 25573, go to sequence 353.Go To Mortgage Profile

For all other results, display to the user.Display All Message

Sequence 352 Lset Consumer Profile Screen

Link 210350 Link To L12350

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17517, go to sequence 010.Go To Consumer Lending Policy
 If result is 29411, go to sequence 500.Go To Iopt Menu
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10225, go to sequence 410.Go To Participation
 If result is 10201, go to sequence 210.Go To Multiple Advance
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 200.Go To Simple Interest Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17516, go to sequence 020.Go To Commercial Lending Polic
 If result is 17518, go to sequence 040.Go To Construction Lending Pol
 If result is 17519, go to sequence 030.Go To Mortgage Lending Policy
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17846, go to sequence 221.Go To Escrow
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 17515, go to sequence 362.Go To Dealer Reserve
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 If result is 33834, go to sequence 242.Go To Split Billing
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 10246, go to sequence 220.Go To Addon Setup
 If result is 10208, go to sequence 220.Go To Precal Setup
 If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 For all other results, display to the user.Display All Message

Sequence 353 Lset Mortgage Profile Screen

Link 210350 Link To L12350
 If result is Return, end the level.Go To Beginning
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 10201, go to sequence 210.Go To Multiple Advance Setup
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 200.Go To Simple Interest Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 17516, go to sequence 020.Go To Commercial Lending Pol
 If result is 17517, go to sequence 010.Go To Consumer Lending Pol
 If result is 17518, go to sequence 040.Go To Construction Lending Pol
 If result is 17519, go to sequence 030.Go To Mortgage Lending Pol
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17846, go to sequence 221.Go To Escrow
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 10210, go to sequence 235.Go To Payment Mods
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 10224, go to sequence 400.Go To Additional Liability

If result is 25637, go to sequence 401.Go To Lrdm
 If result is 25652, go to sequence 402.Go To Cupn
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10225, go to sequence 410.Go To Participation Sold
 If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 If result is 64000, end the level.End And Return To CIS
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 If result is 29411, go to sequence 500.Go To Iopt Screen
 If result is 33834, go to sequence 242.Go To Split Billing
 If result is 33155, go to sequence 501.Go To Iopt Screen
 For all other results, display to the user.Display All Message

Sequence 354 Lset Commercial Profile Screen

Link 210350 Link To L12350

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17516, go to sequence 020.Go To Commercial Lending Pol
 If result is 29412, go to sequence 510.Go To Copt Menu
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10225, go to sequence 410.Go To Participation
 If result is 10201, go to sequence 210.Go To Multiple Advance Setup
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 200.Go To Simple Interest Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 If result is 33834, go to sequence 242.Go To Split Billing
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17517, go to sequence 010.Go To Consumer Lending Policy
 If result is 17518, go to sequence 040.Go To Construction Lending Pol
 If result is 17519, go to sequence 030.Go To Mortgage Lending Policy
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17846, go to sequence 221.Go To Escrow
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 10210, go to sequence 235.Go To Payment Modifiers
 If result is 25167, go to sequence 202.Go To Discount Setup
 If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 If result is 64000, end the level.End And Return To CIS
 For all other results, display to the user.Display All Message

Sequence 356 Lset Student Profile Screen

Link 210350 Link To L12350

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17517, go to sequence 010.Go To Consumer Lending Policy
 If result is 29413, go to sequence 520.Go To Sopt

If result is 10223, go to sequence 405.Go To Collateral
 If result is 10225, go to sequence 410.Go To Participation
 If result is 10201, go to sequence 210.Go To Multiple Advance
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 222.Go To Student Loan Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 If result is 33834, go to sequence 242.Go To Split Billing
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17516, go to sequence 020.Go To Commercial Lending Pol
 If result is 17518, go to sequence 040.Go To Construction Lend Policy
 If result is 17519, go to sequence 030.Go To Mortgage Lend Policy
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17525, go to sequence 223.Go To Student
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 If result is 64000, end the level.End And Return To CIS
 For all other results, display to the user.Display All Message

Sequence 360 Lset Add Project Information Construction
 Link 210360 Add Construction Loan For Lset
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17520, go to sequence 300.Go To Capitalization
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10225, go to sequence 410.Go To Participation Sold
 If result is 17510, go to sequence 235.Go To Payment Mods
 If result is Continue, go to sequence 360.Continue
 For all other results, display to the user.Display All Message

Sequence 361 Lset Construction Profile
 Link 210350 Link To L12350
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 17518, go to sequence 040.Go To Construction Lending Pol
 If result is 29414, go to sequence 530.Go To Xopt Menu
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10201, go to sequence 210.Go To Multiple Advance Setup
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17524, go to sequence 239.Go To Insurance

If result is 17846, go to sequence 221.Go To Escrow
 If result is 17523, go to sequence 238.Go To Fee
 If result is 17514, go to sequence 360.Go To Construction Projection
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10225, go to sequence 410.Go To Participation Sold
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 10210, go to sequence 235.Go To Payment Mods
 If result is 64000, end the level.End And Return To CIS
 If result is 29202, go to sequence 300.Go To Capitalization
 For all other results, display to the user.Display All Message

Sequence 362 Setup Dealer Recourse Resvs
 Link 210362 Setup Dealer Recourse/reserves
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 25488, go to sequence 235.Go To Payment Mods
 If result is 25491, go to sequence 360.Go To Construction
 If result is 17512, go to sequence 350.Go To Profile
 If result is Continue, go to sequence 362.Continue Processing
 If result is 10208, go to sequence 220.Go To Precalc Setup
 If result is 10246, go to sequence 220.Go To Addon Setup
 If result is 10393, go to sequence 200.Go To Simple Interest Setup
 For all other results, display to the user.Display All Message

Sequence 370 Joint Insurance Borrowers
 Link 210370 Link To L12370
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 370.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 32054, go to sequence 239.Go To Suin
 For all other results, display to the user.Display All Message

Sequence 400 Lset Transfer To Additional Liability
 Branch to CLSLALM000
 For all other results, display to the user.Display All Message

Sequence 405 Lset Transfer To Collateral
 Branch to COLCAA000
 For all other results, display to the user.Display All Message

Sequence 410 Lset Transfer To Participation
 Branch to CLSPSET000
 For all other results, display to the user.Display All Message

Sequence 450 Lset User PCD 30513 Activity
 Link 10821 Read User PCD 30513
 If result is 10205, go to sequence 455.Go To Datagroup 10596
 If result is 10242, go to sequence 460.Go To Datagroup 10597
 If result is 10335, go to sequence 465.Go To Datagroup 10598
 If result is 10000, go to sequence 300.Go To Amount Capitalized Setup
 For all other results, display to the user.Display All Message

Sequence 455 Lset User Build Datagroup 10596
 Link 704 Link To P49027 (nop)
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 450.Continue On Processing
 If result is Previous Level, end the level.Go To Previous Processing Level
 For all other results, display to the user.Display All Message

Sequence 460 Lset User Build Datagroup 10597
 Link 704 Link To P49027 (nop)
 If result is Return, end the level.Return Previous Processing Point
 If result is Continue, go to sequence 450.Go To Continue PCD 30515

If result is Previous Level, end the level.Go To Previous Processing Level

For all other results, display to the user.Display All Message

Sequence 465 Lset User Build Datagroup 10598

Link 704 Link To P49027 (nop)

If result is Return, end the level.Return Previous Processing Point

If result is Continue, go to sequence 450.Go To Continue PCD 30513

If result is Previous Level, end the level.Go To Previous Processing Level

For all other results, display to the user.Display All Message

Sequence 500 Lset Consumer Profile Options

Link 210350 Link To L12350

If result is Return, end the level.Return Previous Processing Point

If result is Previous Level, end the level.Go To Previous Level

If result is 10201, go to sequence 210.Go To Multiple Advance Setup

If result is 10214, go to sequence 215.Go To Scheduled Setup

If result is 10249, go to sequence 205.Go To Demand Setup

If result is 10393, go to sequence 200.Go To Simple Interest

If result is 17510, go to sequence 246.Go To Apay

If result is 17512, go to sequence 100.Go To Dealer Add

If result is 17513, go to sequence 150.Go To Participation Purchased

If result is 17516, go to sequence 020.Go To Commercial Lending Pol

If result is 17518, go to sequence 040.Go To Construction Lend Policy

If result is 17519, go to sequence 030.Go To Mortgage Lending Policy

If result is 17520, go to sequence 225.Go To Commercial Code

If result is 17521, go to sequence 226.Go To Consumer Code

If result is 17522, go to sequence 230.Go To Rate

If result is 17846, go to sequence 221.Go To Escrow

If result is 17524, go to sequence 239.Go To Insurance

If result is 17523, go to sequence 238.Go To Fee

If result is 17515, go to sequence 362.Go To Dealer Reserve

If result is 10210, go to sequence 235.Go To Payment Mods

If result is 10223, go to sequence 405.Go To Collateral Setup

If result is 10224, go to sequence 400.Go To Additional Liability

If result is 10225, go to sequence 410.Go To Participation Sold

If result is 10453, go to sequence 450.Go To User PCD 30513

If result is 10246, go to sequence 220.Go To Addon Setup

If result is 10208, go to sequence 220.Go To Precal Setup

If result is 29202, go to sequence 300.Go To Amount Capitalized Setup

If result is 64000, end the level.End And Return To CIS

If result is 10206, go to sequence 240.Go To Billing

If result is 29411, go to sequence 352.Go To Ifnd Screen

If result is 29768, go to sequence 310.Go To Cashback

If result is 29079, go to sequence 228.Go To Scheme Setup

If result is 33834, go to sequence 242.Go To Split Billing

If result is 33155, go to sequence 353.Go To Mfnd Screen

For all other results, display to the user.Display All Message

Sequence 501 Lset Consumer Profile Options

Link 210350 Link To L12350

If result is Return, end the level.Return Previous Processing Point

If result is Continue, end the level.Continue On Processing

If result is Previous Level, end the level.Go To Previous Processing Level

If result is 10201, go to sequence 210.Go To Multiple Advance Setup

If result is 10214, go to sequence 215.Go To Scheduled Setup

If result is 10249, go to sequence 205.Go To Demand Setup

If result is 10393, go to sequence 200.Go To Simple Interest

If result is 17510, go to sequence 246.Go To Apay

If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17516, go to sequence 020.Go To Commercial Lending Pol
 If result is 17518, go to sequence 040.Go To Construction Lend Pol
 If result is 17519, go to sequence 030.Go To Mortgage Lending Pol
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17846, go to sequence 221.Go To Escrow
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 17515, go to sequence 362.Go To Dealer Reserve
 If result is 10210, go to sequence 235.Go To Payment Mods
 If result is 10223, go to sequence 405.Go To Collateral Setup
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10225, go to sequence 410.Go To Participation Sold
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 10246, go to sequence 220.Go To Addon Setup
 If result is 10208, go to sequence 220.Go To Precal Setup
 If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 If result is 64000, end the level.End And Return To CIS
 If result is 10206, go to sequence 240.Go To Billing
 If result is 29411, go to sequence 352.Go To Ifnd Screen
 If result is 29768, go to sequence 310.Go To Cashback
 If result is 29079, go to sequence 228.Go To Scheme Setup
 If result is 33834, go to sequence 242.Go To Splitbill
 If result is 33155, go to sequence 353.Go To Mfnd Screen
 For all other results, display to the user.Display All Message

Sequence 510 Lset Commercial Profile Option

Link 210350 Link To L12350

If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 10201, go to sequence 210.Go To Multiple Advance Setup
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 200.Go To Simple Interest Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17517, go to sequence 010.Go To Consumer Lending Policy
 If result is 17518, go to sequence 040.Go To Construction Lending Pol
 If result is 10519, go to sequence 030.Go To Mortgage Lending Policy
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17846, go to sequence 221.Go To Escrow
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10225, go to sequence 410.Go To Participation Sold
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 10210, go to sequence 235.Go To Payment Modifiers
 If result is 25167, go to sequence 202.Go To Discount Setup

If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 If result is 64000, end the level.End And Return To CIS
 If result is 29412, go to sequence 354.Go To Cfnd Screen
 If result is 29079, go to sequence 228.Go To Scheme Setup
 If result is 33834, go to sequence 242.Go To Split Billing Summary
 For all other results, display to the user.Display All Message

Sequence 520 Lset Student Profile Screen
 Link 210350 Link To L12350
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 10201, go to sequence 210.Go To Multiple Advance Setup
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 10393, go to sequence 222.Go To Student Loan Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17516, go to sequence 020.Go To Commercial Lending Pol
 If result is 17518, go to sequence 040.Go To Construction Lending Pol
 If result is 17519, go to sequence 030.Go To Mortgage Landing Policy
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17521, go to sequence 226.Go To Consumer Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17525, go to sequence 223.Go To Student
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17523, go to sequence 238.Go To Fee
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10225, go to sequence 410.Go To Participation Sold
 If result is 10453, go to sequence 450.Go To User PCD 30513
 If result is 29202, go to sequence 300.Go To Amount Capitalized Setup
 If result is 64000, end the level.End And Return To CIS
 If result is 29413, go to sequence 356.Go To Sfnd Screen
 If result is 33834, go to sequence 242.Go To Split Billing Summary
 For all other results, display to the user.Display All Message

Sequence 530 Lset Construction Profile
 Link 210350 Link To L12350
 If result is Return, end the level.Return Previous Processing Point
 If result is Previous Level, end the level.Go To Previous Processing Level
 If result is 10206, go to sequence 240.Go To Billing
 If result is 10214, go to sequence 215.Go To Scheduled Setup
 If result is 10249, go to sequence 205.Go To Demand Setup
 If result is 17510, go to sequence 246.Go To Apay
 If result is 17512, go to sequence 100.Go To Dealer Add
 If result is 17513, go to sequence 150.Go To Participation Purchased
 If result is 17520, go to sequence 225.Go To Commercial Code
 If result is 17522, go to sequence 230.Go To Rate
 If result is 17524, go to sequence 239.Go To Insurance
 If result is 17846, go to sequence 221.Go To Escrow
 If result is 17523, go to sequence 238.Go To Fee
 If result is 17514, go to sequence 360.Go To Construction Projection
 If result is 10223, go to sequence 405.Go To Collateral
 If result is 10224, go to sequence 400.Go To Additional Liability
 If result is 10225, go to sequence 410.Go To Participation Sold

If result is 10453, go to sequence 450.Go To User PCD 30513
If result is 10210, go to sequence 235.Go To Payment Mods
If result is 64000, end the level.End And Return To CIS
If result is 29202, go to sequence 300.Go To Capitalization
If result is 29414, go to sequence 361.Go To Xfnd Screen
If result is 10201, go to sequence 210.Go To Multiple Advance Setup
If result is 29768, go to sequence 310.Go To Cashback
If result is 29079, go to sequence 228.Go To Scheme Setup
If result is 33834, go to sequence 242.Go To Split Billing Summary
For all other results, display to the user.Display All Message



Defaulting Lending Policy

- If no actual Lending Policy is selected, automatic defaulting is attempted on PCD 17474:
 - Try 1: Product, Lending Region, Loan Type, Loan Purpose (full key)
 - Try 2: Product, Lending Region, Loan Type
 - Try 3: Product, 0 (Lending Region), Loan Type, Loan Purpose
 - Try 4: Product, 0 (Lending Region), Loan Type



LSET Profile Options

01 - Funds the loan
02 - Returns to the lending policy screen
03 - Loan placed in a committed status
SU - Returns to the loan category setup screen
CD - Returns to the loan codes screen
RT - Returns to the rate modifiers screen
PM - Returns to the payment modifiers screen
FE - Returns to the fees screen
IN - Returns to the insurance screen
PP - Returns to the participation purchased screen
ES - Returns to the escrow screen
BI - Returns to the billing screen
AP - Returns to the billing automatic payment screen
CP - Returns to the capitalization screen
DE - Returns to the dealer screen
DR - Returns to the dealer reserve screen
SB - Returns to the split billing screen
SC - Returns to the scheme screen
CB - Returns to the cashback screen
UP - Reserved for client use
RU - Reserved for client use



LSET Exercise

- You start at LSET to set up a Consumer Loan for and take it through to the Billing Schedule screen
- Please use the data provided on the next slide
- Trace the FPS flow completing the chart which follows. Notice the (necessary) hints along the way!



LSET Exercise

- Borrower: 1116
- Lending Policy ILS BLS
- Lending Category 01
- Lending Type SF1
- Lending Proceeds 20,000
- Lending term 12
- Payment Start Date: 1st day of next month

User Action	Control Key	Link or Exec Branch	CC	Action
On LSET, product 02 - Press Enter				
On ILLP, enter all the data above except the payment start date. Press Enter				
On ASIM, enter the payment start date. Press Enter			175 17	226
			175 25	233

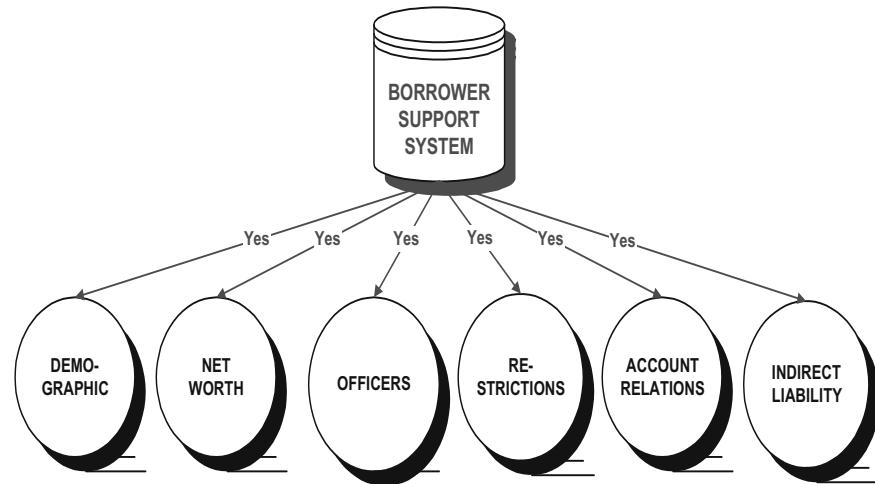
Borrower Support System



Borrower Support System

- Houses Financial and Legal Information about Borrowers
- Interfaces (through SIM) to the Customer Information System for addresses
- Tracks relationships for a borrower
 - loans
 - collateral
 - other borrowers

Borrower Support



Borrower Database

- BORMAST - Master File
- BORPTRS
 - Relationships with Loans
 - Relationships with Collateral
 - Relationships with other Borrowers
 - Relationships with Commitments



Notice About BORMAST

- Datagroups and their purposes
- User Datagroups
- CIS maintained datagroups

```

L27550D
*Dgid 27550
*DCPY L27550D
*
*      BORROWER SUPPORT SYSTEM
*      BASE DATA GROUP
*          COBOL COPY BOOK      L27550D
*          DATA GROUP ID       27550
*          ELEMENT PREFIX      LBR
*          DATA GROUP TYPE     BASE
*          PARENT DATA GROUP   NONE
*
*      N.B. ANY CHANGES TO THE LENGTH OF THIS DATA GROUP MUST
*      BE APPLIED TO THE BORROWER BASE SAVE DATA GROUP 220850 ALSO
*
01  BR-POINTER-BASE-DG
    05  BR-ACTION-L27550D           PIC XX
    05  BR-RESULT-L27550D          PIC XX
    05  BR-POINTER-KEY
        10  BR-PTR-COMPANY-NUMBER
        15  BR-PTR-COMPANY-NUMBER-N      PIC S9(04)      COMP.
*Dnam COMPANY NUMBER
*DD01 THE NUMBER ASSIGNED TO THE COMPANY WHICH HAS THE BORROWER'S
*DD02 LOAN OR COMMITMENT
    10  BR-PTR-BORROWER-NUMBER      PIC X(23).
*Dnam BORROWER NUMBER
*DD01 THE NUMERIC ID ASSIGNED TO EACH BORROWER. THE LAST BORROWER
*DD02 NUMBER ASSIGNED BY THE SYSTEM IS ON THE INSTITUTION CNTL FILE
    10  BR-PTR-BORROWER-NUMBER-R
        REDEFINES BR-PTR-BORROWER-NUMBER
    15  BR-PTR-BORR-NO-FILLER8    PIC X(08).
*Dnam REDEFINE PART 1 OF LBR55002

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*DD01 REDEFINE PART 1 OF LBR55002
      15 BR-PTR-BORR-NO-NUMERIC      PIC 9(15).
*DNAME REDEFINE PART 2 OF LBR55002
*DD01 REDEFINE PART 2 OF LBR55002
      10 BR-PTR-RECORD-TYPE          PIC X.
      88 BR-PTR-DIRECT             VALUE 'D'
      88 BR-PTR-INDIRECT           VALUE 'I'
      88 BR-PTR-COLLATERAL         VALUE 'C'
      88 BR-PTR-BORR-TO-BORR       VALUE 'B'
      88 BR-PTR-BORR-TO-COMMIT    VALUE 'K'
      88 BR-PTR-COMMT-TO-LOAN     VALUE 'L'
      88 BR-PTR-SEC-PRIM-BORR     VALUE 'R'
      88 BR-PTR-COMMT-TO-SUB-CMT  VALUE 'S'
      88 BR-PTR-BORR-TO-SPLIT-BILL VALUE 'P'
      88 BR-PTR-INDIRECT-COMMIT  VALUE ' '
*DNAME BORROWER POINTER RECORD TYPE
*DD01 THE TYPE OF POINTER RECORD
*DVO1 D = DIRECT
*DVO2 I = INDIRECT
*DVO3 C = COLLATERAL
*DVO4 B = BORROWER TO BORROWER
*DVO5 K = BORROWER TO COMMITMENT
*DVO6 L = COMMITMENT TO LOAN
*DVO7 R = SECONDARY TO PRIMARY BORROWER POINTER
*DVO8 S = COMMITMENT TO SUB-COMMITMENT
*DVO9 P = BORROWER TO SPLIT BILL
*DVO10 BLANK = INDIRECT COMMITMENT
      10 BR-PTR-COMMITMENT-NUMBER
      15 BR-PTR-COMMIT-NUMBER      PIC 9(05).
*DNAME INDIRECT LIABILITY COMMITMENT NUMBER
*DD01 IF THE RECORD TYPE IS 'D' (DIRECT) OR 'I' (INDIRECT) AND
*DD02 IF PRODUCT CODE IS 'CMT' (COMMITMENT) THIS FIELD CONTAINS THE
*DD03 COMMITMENT NUMBER. OTHERWISE IT CONTAINS LOW-VALUES
      10 BR-PTR-SUBSIDIARY-COMMITMENT
      15 BR-PTR-SUB-COMMIT-NUMBER PIC 9(05).
*DNAME INDIRECT LIABILITY SUBSIDIARY-COMMITMENT
*DD01 IF THE RECORD TYPE IS 'S' (SUBSIDIARY), THE PRODUCT CODE WILL
*DD02 BE 'CMT' (COMMITMENT) FOR SUBSIDIARY COMMITMENT
      10 BR-PTR-LOAN-BORR-COLL-NUMBER PIC X(23).
*DNAME POINTER LOAN/BORROWER/COLLATERAL NUMBER
*DD01 IF THE RECORD TYPE IS 'B' (BORROWER), IT IS A BORROWER
*DD02 NUMBER
*DD03 IF THE RECORD TYPE IS 'C' (COLLATERAL), IT IS A COLLATERAL
*DD04 NUMBER
*DD05 IF THE RECORD TYPE IS "D" (DIRECT) OR 'I' (INDIRECT), AND
*DD06 IF THE PRODUCT CODE IS 'BOR' (BORROWER) OR 'CMT' (COMMITMENT)
*DD07 THIS FIELD CONTAINS A BORROWER NUMBER. OTHERWISE, IT IS
*DD08 THE ASSOCIATED LOAN NUMBER
      10 BR-PTR-IL-PRODUCT-CODE      PIC X(03).
      88 BR-PTR-IL-PRODUCT-BOR      VALUE 'BOR'
      88 BR-PTR-IL-PRODUCT-CLS      VALUE 'CLS'
      88 BR-PTR-IL-PRODUCT-CMT      VALUE 'CMT'
      88 BR-PTR-IL-PRODUCT-FLR      VALUE 'FLR'
      88 BR-PTR-IL-PRODUCT-ILS      VALUE 'ILS'
      88 BR-PTR-IL-PRODUCT-LXF      VALUE 'LXF'
      88 BR-PTR-IL-PRODUCT-MLS      VALUE 'MLS'
      88 BR-PTR-IL-PRODUCT-XLS      VALUE 'XLS'
      88 BR-PTR-IL-PRODUCT-XRS      VALUE 'XRS'
*DNAME BORROWER POINTER RECORD PRODUCT CODE
*DD01 THE PRODUCT CODE OF THE POINTERS USED IN INDIRECT LIABILITY
*DD02 IN A BORROWER TO BORROWER RELATIONSHIP, BOTH BORROWERS

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*DD03 WOULD HAVE A PRODUCT CODE OF 'BOR'. WHEN ONE BORROWER
 *DD04 GUARANTEES THE LOAN OF ANOTHER BORROWER, THE POINTER ON THE
 *DD05 BORROWER SUPPORT SYSTEM WILL BE THE PRODUCT CODE OF THE LOAN
 *DD06 (CLS, ILS,MLS). THE POINTER ON THE LOAN SERVICING DATA BASE
 *DD07 WILL BE 'BOR'. THIS IS TRUE FOR COSIGNERS, ENDORSERS ALSO
 *DV01 BOR - BORROWER
 *DV02 CLS - COMMERCIAL LOAN
 *DV03 CMT - COMMITMENT SYSTEM
 *DV04 FLR - FLOORPLAN LOAN
 *DV05 ILS - INSTALLMENT LOAN
 *DV06 LXF - CROSS REFERENCE LOAN
 *DV07 MLS - MORTGAGE LOAN
 *DV08 XLS - CONSTRUCTION LOAN
 *DV09 SPACES - NOT USED IN THIS RECORD

10	BR-INDIR-LIABILITY-TYPE	PIC X(01).
	88 BR-IL-TYPE-ASSOC-BORROWER	VALUE 'A'
	88 BR-IL-TYPE-CO-BORROWER	VALUE 'B'
	88 BR-IL-TYPE-CO-SIGNER	VALUE 'C'
	88 BR-IL-TYPE-CO-SIGNEE	VALUE 'D'
	88 BR-IL-TYPE-ENDOSER	VALUE 'E'
	88 BR-IL-TYPE-ENDORSEE	VALUE 'F'
	88 BR-IL-TYPE-GUARANTOR	VALUE 'G'
	88 BR-IL-TYPE-GUARANTEED	VALUE 'H'
	88 BR-IL-TYPE-ORIG-BORR-LIABLE	VALUE 'L'
	88 BR-IL-TYPE-MASTER-FLOOR-PLAN	VALUE 'M'
	88 BR-IL-TYPE-ORIG-BORR-NOT-LIAB	VALUE 'N'
	88 BR-IL-TYPE-STUDENT-LOAN-GUAR	VALUE 'S'
	88 BR-IL-TYPE-SCHEME	VALUE 'W'
	88 BR-IL-TYPE-IMPORT-EXPORT-BANK	VALUE 'X'
	88 BR-IL-TYPE-XM-BANK-GUARANTEED	VALUE 'Y'
	88 BR-IL-TYPE-SPLIT-BILL	VALUE 'Z'

*DNAM INDIRECT LIABILITY TYPE
 *DD01 THE TYPE OF INDIRECT LIABILITY
 *DV01 A - ASSOCIATED BORROWER (COMMITMENT)
 *DV01 B - CO-BORROWER
 *DV02 C - CO-SIGNER
 *DV03 D - CO-SIGNEE
 *DV04 E - ENDOSER
 *DV05 F - ENDORSEE
 *DV06 G - GUARANTOR
 *DV07 H - GUARANTEED
 *DV08 L - ORIGINAL BORROWER LIABLE
 *DV09 M - MASTER FLOOR PLAN COMMITMENT
 *DV10 N - ORIGINAL BORROWER NOT LIABLE
 *DV11 S - STUDENT LOAN GUARANTOR
 *DV12 W - SCHEME
 *DV13 X - IMPORT/EXPORT BANK
 *DV14 Y - EXPORT/IMPORT BANK GUARANTEED
 *DV15 Z - SPLIT BILL
 *

05	BR-POINTER-DATA	
	10 BR-LC-CHARGE-OFF-DATE	PIC S9(07) COMP-3.

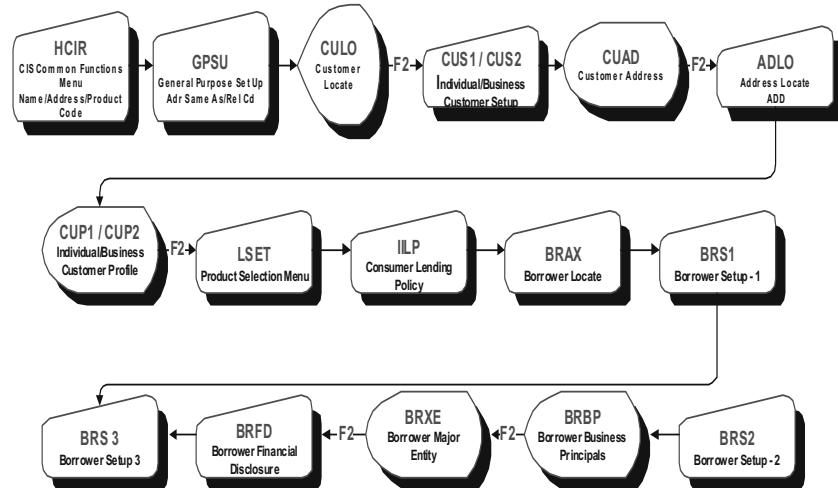
*DNAM LOAN OR COMMITMENT CHARGE OFF DATE
 *DD01 THE DATE THE LOAN WAS CHARGED OFF (I.E. A WRITE OFF)
 10 BR-CP-BLANKET-COVERAGE PIC X.

*DNAM COLLATERAL BLANKET COVERAGE INDICATOR
 *DD01 THE INDICATOR FOR DETERMINING IF THE COLLATERAL IS BLANKET
 *DD02 COVERAGE FOR THE LOAN/COMMITMENT
 10 BR-PTR-CIS-RPM-INDS
 15 BR-PTR-ANAL-IND PIC X.

*DNAM ANALYSIS INDICATOR FOR RPM USAGE

*DD01 THE INDICATOR FOR USE IN RPM AS TO WHETHER TO ANALIZE THIS
*DD02 RECORD
 15 BR-PTR-PRIC-IND PIC X.
*DNAM PRICING INDICATOR FOR RPM USAGE
*DD01 THE INDICATOR FOR USE IN RPM AS TO WHETHER TO PRICE THIS
 15 BR-PTR-STMT-IND PIC X.
*DNAM STATEMENT INDICATOR FOR RPM USAGE
*DD01 THE INDICATOR FOR USE IN RPM AS TO WHETHER TO STATEMENT THIS
 15 BR-PTR-PCS-IND PIC X.
*DNAM USER DEFINED INDICATOR FOR RPM USAGE
*DD01 THIS IS A USER DEFINED INDICATOR FOR RPM
 15 BR-PTR-RSV1-IND PIC X.
*DNAM RESERVED INDICATOR FOR RPM USAGE
*DD01 THIS IS A RESERVED INDICATOR FOR RPM
 15 BR-PTR-RSV2-IND PIC X.
 10 BR-PTR-PCNT-OWNED-ACT PIC S9(3)V9(4) COMP-3.
*DNAM PERCENTAGE OWNED FOR RPM
*DD01 THIS IS THE PERCENTAGE OWNED FOR RPM USAGE. IT INDICATES
*DD02 HOW MUCH OF THIS LOAN IS OWNED BY THE BORROWER
 10 BR-PTR-STATUS PIC X(01).
 88 BR-PTR-STATUS-ACTIVE VALUE ' '
 88 BR-PTR-STATUS-RECAST VALUE 'R'
*DNAM STATUS OF THIS POINTER RECORD
*DD01 THIS IS THE CURRENT STATUS OF THIS POINTER RECORD
*DV01 SPACE = THIS IS AN ACTIVE POINTER RECORD
*DV02 R = THIS STATUS IS USED FOR A LOAN TO COMMITMENT POINTER
*DV03 WHEN THE LOAN HAS BEEN RECAST AND EFFECTIVELY
*DV04 REMOVED FROM THE COMMITMENT. THE POINTER WILL REMAIN
*DV05 TO SHOW THAT THE RELATIONSHIP ONCE EXISTED. THIS
*DV06 WILL HELP TO JUSTIFY THE FACT THERE ARE TRANSACTIONS
*DV07 ON COMMITMENT HISTORY THAT WERE GENERATED BEFORE
*DV08 THE LOAN WENT THROUGH RECAST
 10 FILLER PIC X(04)

Borrower Setup



Integration With Hogan CIS

- FSS PCD 2510 Option 5, directly address requests to the proper system managing them
- CIS PCDs 24186/24181, informing CIS that it can connect with ILP for multiple purposes

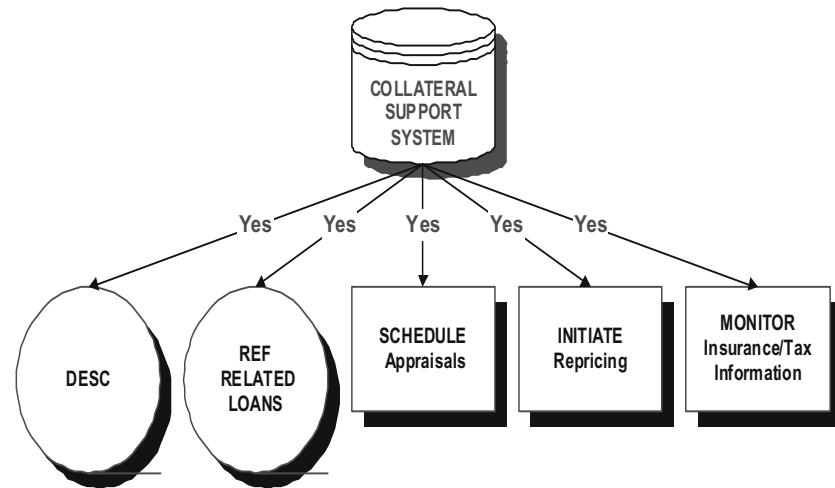
Collateral Support System



Collateral Support System

- Houses Descriptive data about various collateral types
- Maintains pointers between collateral and associated
 - loans
 - borrowers
- Secondary index for collateral access

Collateral Support



Collateral Database

- COLLDB - Master File
- COLLTDB - Collateral Tax Database
- COLLX - Secondary Indices



Notice About COLLDB

- Datagroups and their purposes
- Base Datagroup Significant Fields
- Secondary Index Fields

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L28500D
*Dgid 28500
*DCPY L28500D
*
*           COLLATERAL SUPPORT SYSTEM
*   DATA GROUP NAME          KEY
*   COBOL COPY BOOK          L28500D
*   DATA GROUP ID            28500
*   ELEMENT PREFIX           LCA
*   DATA GROUP TYPE          BASE
*   PARENT DATA GROUP        NONE
01  CA-KEY-DG
    05  CA-ACTION-L28500D      PIC  X(002)
    05  CA-RESULT-L28500D     PIC  X(002)
    05  CA-K-KEY
        10  CA-K-CO-ID
            15  CA-K-CO-ID-N      PIC  9(004) COMP.
*Dnam K/ID - COMPANY NUMBER
*DD01 THE NUMBER ASSIGNED TO THE COMPANY WHICH IS ORIGINATING THIS
*DD02 COLLATERAL
    10  CA-K-COL-NO          PIC  X(023).
*Dnam K/ID - COLLATERAL NUMBER
*DD01 THE NUMBER ASSIGNED TO THE COLLATERAL ISSUED MANUALLY BY THE
*DD02 ORIGINATOR OR AUTOMATICALLY BY THE COLLATERAL SUB-SYSTEM
    05  CA-K-DATA
        10  CA-K-COL-TYPE      PIC  X(001).
*Dnam K/CODE - COLLATERAL TYPE
*DD01 THIS FIELD DESIGNATES WHETHER THE COLLATERAL IS REAL PROPERTY, A
*DD02 MOBILE HOME, A VEHICLE, A SECURITY, ETC
*Dv01 P - REAL PROPERTY
*Dv02 M - MOBILE HOME

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*DVO3 V - VEHICLE
*DVO4 S - SECURITY
*DVO5 O - OTHER
*DVO6 D - DEPOSIT
*DVO7 Z - ZONING
    88 CA-K-COL-TYPE-PROPERTY      VALUE 'P' 'Z'
    88 CA-K-COL-TYPE-MOBILE-HOME  VALUE 'M'
    88 CA-K-COL-TYPE-VEHICLE    VALUE 'V'
    88 CA-K-COL-TYPE-SECURITY   VALUE 'S'
    88 CA-K-COL-TYPE-OTHER     VALUE 'O'
    88 CA-K-COL-TYPE-DEPOSIT   VALUE 'D'
    88 CA-K-COL-TYPE-ZONING   VALUE 'Z'
05  CA-K-DETERMINATION-NUMBER      PIC X(023).
05  FILLER                      PIC X(02)
05  CA-K-ALT-KEY
    10 CA-K-ALT-CO-ID
        15 CA-K-ALT-CO-ID-N          PIC S9(004) COMP.
*DNAME K/ID - COMPANY NUMBER (ALTERNATE KEY)
    10 CA-K-ALT-COL-TYPE          PIC X(001).
*DNAME K/CODE - COLLATERAL TYPE (ALTERNATE KEY)
*DD02 MOBILE HOME, A VEHICLE, A SECURITY, A DEPOSIT (CD) OR OTHER
*DVO5 D - DEPOSIT
*DVO6 O - OTHER
    88 CA-K-ALT-COL-TYPE-PROPERTY
        VALUE 'P' 'Z'
    88 CA-K-ALT-COL-TYPE-MOBILE-HOME
        VALUE 'M'
    88 CA-K-ALT-COL-TYPE-VEHICLE  VALUE 'V'
    88 CA-K-ALT-COL-TYPE-SECURITY
        VALUE 'S'
    88 CA-K-ALT-COL-TYPE-DEPOSIT  VALUE 'D'
    88 CA-K-ALT-COL-TYPE-OTHER   VALUE 'O'
    88 CA-K-ALT-COL-TYPE-ZONING  VALUE 'Z'
10  CA-K-ALT-LOCATION
    15 CA-K-ALT-ADDR            PIC X(015).
*DNAME K/ADDR - CONDENSED ADDRESS (ALTERNATE KEY)
*DD01 CONDENSED REAL PROPERTY ADDRESS KEY CREATED THROUGH CIS
*DD02 COMPRESS ROUTINE
    15 FILLER REDEFINES CA-K-ALT-ADDR
        20 CA-K-ALT-ADDR-CNTRY    PIC X(001).
*DNAME K/CTRY - ADDRESS COUNTRY (ALTERNATE KEY)
*DD01 THE COUNTRY CODE PORTION OF THE KEY
    20 CA-K-ALT-ADDR-ZIP        PIC X(005).
*DNAME K/ADDR - ADDRESS ZIP (ALTERNATE KEY)
*DD01 THE ZIP CODE PORTION OF THE KEY
    20 CA-K-ALT-ADDR-STR        PIC X(009).
*DNAME K/ADDR - ADDRESS STREET HASH (ALTERNATE KEY)
*DD01 CONDENSED REAL PROPERTY ADDRESS STREET PORTION OF KEY
*DD02 THE LAST 10 BYTES IS THE STREET HASH
    15 FILLER                  PIC X(005)
    10 CA-K-ALT-ID-NO-R        REDEFINES
                                CA-K-ALT-LOCATION
        15 CA-K-ALT-ID-NO        PIC X(020).
*DNAME K/ID - VEHICLE ID NUMBER (ALTERNATE KEY)
*DD01 THE ID NUMBER ASSIGNED TO VEHICLE BY THE MANUFACTURER
    10 CA-K-ALT-CUSIP-NO-R      REDEFINES
        15 CA-K-ALT-CUSIP-NO    PIC X(008).
*DNAME K/ID - SECURITIES CUSIP NUMBER (ALTERNATE KEY)
*DD01 THE UNIQUE IDENTIFYING NUMBER ASSIGNED TO THIS SECURITY BY CUSIP
    15 FILLER                  PIC X(012)
    10 CA-K-ALT-PRDCT-DEP-ACCT-NO REDEFINES

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      15 CA-K-ALT-PRDCT          PIC X(003).
*DNAM K/CODE - DEPOSITS PRODUCT CODE (ALTERNATE KEY)
*DD01 THE CODE DESIGNATING THE PRODUCT FOR THIS COLLATERAL
      15 CA-K-ALT-DEP-ACCT-NO    PIC S9(015) COMP-3.
*DNAM K/ID   - DEPOSITS ACCOUNT NUMBER (ALTERNATE KEY)
*DD01 THE NUMBER OF THE DEPOSIT ACCOUNT USED AS COLLATERAL
      15 FILLER                 PIC X(009)
      10 CA-K-ALT-COL-NO        PIC X(023).
*DNAM K/ID   - COLLATERAL NUMBER (ALTERNATE KEY)
*DD01 THE NUMBER ASSIGNED TO THE COLLATERAL EITHER BY THE OPERATOR
*DD02 OR BY THE SYSTEM
      05 CA-OFFICER-RESPONSIBLE  PIC X(005).
*DNAM K/CODE - OFFICER RESPONSIBLE
*DD01 THE OFFICER RESPONSIBLE FOR THIS COLLATERAL
      05 CA-CURRENCY-CODE       PIC X(003).
*DNAM K/CODE - CURRENCY CODE
*DD01 THE CURRENCY CODE OF THE COLLATERAL
      05 CA-PURGE-IND          PIC X(001).
*DNAM K/CODE - PURGE COLLATERAL INDICATOR
*DD01 A CODE TO INDICATE WHETHER OR NOT THIS COLLATERAL ITEM
*DD02 CAN BE PURGED
*DVO1 Y           - YES, THIS COLLATERAL ITEM CAN BE PURGED
*DVO2 N OR BLANK - NO, THIS COLLATERAL ITEM CANNOT BE PURGED
      05 CA-PURGE-RETN-PERIOD  PIC 9(3)  COMP-3.
*DNAM K/QUAN - PURGE RETENTION PERIOD
*DD01 THE NUMBER OF MONTHS AFTER THIS COLLATERAL ITEM BECOMES INACTIVE
*DD02 BEFORE IT WILL BE PURGED FROM THE SYSTEM
      05 CA-INACTIVE-DATE       PIC 9(7)  COMP-3.
*DNAM K/DATE - COLLATERAL INACTIVE DATE
*DD01 THE DATE THE COLLATERAL BECAME INACTIVE. THIS MEANS THE
*DD02 COLLATERAL ITEM IS NOT PLEDGED TO ANY LOANS
      05 CA-RELEASE-IND         PIC X(001).
*DNAM K/CODE - COLLATERAL RELEASE REGISTER INDICATOR
*DD01 A CODE TO INDICATE WHETHER THE COLLATERAL HAS A RELEASE
*DD02 REGISTER
      05 CA-DATA
      10 CA-RS-ASSET-VALUATION   PIC S9(11)V99  COMP-3.
*DNAM K/AMT - ASSET VALUATION
*DD01 THE BANK VALUATION OF THE WHOLE ASSET
      10 CA-RS-NO-UNITS-TOTAL   PIC S9(5)      COMP-3.
*DNAM K/AMT - TOTAL NUMBER OF UNITS
*DD01 THE TOTAL NUMBER OF UNITS FOR THIS COLLATERAL
      10 CA-RS-NO-UNITS-RELEASED  PIC S9(5)      COMP-3.
*DNAM K/AMT - NUMBER OF UNITS RELEASED
*DD01 THE NUMBER OF UNITS OF COLLATERAL THAT HAVE BEEN RELEASED
      10 CA-RS-NO-UNITS-REMAIN   PIC S9(5)      COMP-3.
*DNAM K/AMT - NUMBER OF UNITS REMAINING
*DD01 THE NUMBER OF UNITS OF COLLATERAL THAT HAVE YET TO BE RELEASED
      10 CA-RS-VALUE-UNITS-TOTAL  PIC S9(11)V99  COMP-3.
*DNAM K/AMT - TOTAL VALUE OF ALL UNITS
*DD01 THE TOTAL SECURITY VALUE OF ALL THE UNITS OF COLLATERAL
      10 CA-RS-VALUE-UNITS-RELEASED  PIC S9(11)V99  COMP-3.
*DNAM K/AMT - VALUE OF UNITS RELEASED
*DD01 THE SECURITY VALUE OF ALL UNITS OF COLLATERAL THAT HAVE BEEN
*DD02 RELEASED
      10 CA-RS-VALUE-UNITS-REMAIN   PIC S9(11)V99  COMP-3.
*DNAM K/AMT - VALUE OF UNITS REMAINING
*DD01 THE SECURITY VALUE OF ALL UNITS OF COLLATERAL REMAINING
      10 CA-RS-LAST-UNITS-NO     PIC S9(5)      COMP-3.
*DNAM K/AMT - LAST UNIT NUMBER ALLOCATED
*DD01 THE LAST UNIT NUMBER ALLOCATED TO THE RELEASE REGISTER

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05  CA-RS-LAST-CHG-DATA
    10 CA-RS-LAST-CHG-DATE          PIC 9(7)   COMP-3.
*DNAM K/DATE - LAST CHANGE DATE
*DD01 THE DATE OF THE LAST CHANGE TO THIS DATA GROUP
    10 CA-RS-LAST-CHG-TIME         PIC 9(7)   COMP-3.
*DNAM K/TIME - LAST CHANGE TIME
*DD01 THE TIME OF THE LAST CHANGE TO THIS DATA GROUP
    10 CA-RS-LAST-CHG-SRCE        PIC X(8).
*DNAM K/ID   - LAST CHANGE SOURCE
*DD01 THE SOURCE OF THE LAST CHANGE TO THIS DATA GROUP
    10 CA-RS-LAST-CHG-OPER        PIC X(20).
*DNAM K/ID   - LAST CHANGE OPERATOR
*DD01 THE ID OF THE OPERATOR WHO MADE THE LAST CHANGE TO THIS DATA
*DD02 GROUP

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Secondary Indices...

- Offset 55 Length 46
 - Company
 - Type indicator
 - Variable by Collateral Type:
 - Location for property or mobile home
 - Vehicle ID for vehicles
 - Security number for securities
 - Product and account number for deposits
 - Collateral Number



Secondary Indices

- Address
 - Company
 - Type indicator
 - Street Address
 - Collateral Number
- Deposit Product
 - Company
 - Product Code



Pointer Exercise

- When Collateral is Pledged, several pointers are created:
 - collateral to loan/borrower
 - loan to collateral
 - borrower to collateral
- What screen causes this?
- What datagroups on what databases are created?

Ongoing Loan Processes

6

Here we consider the inner workings of continuing process on a loan, typically in the online or batch environment.

Monetary Posting

Monetary Posting Objectives

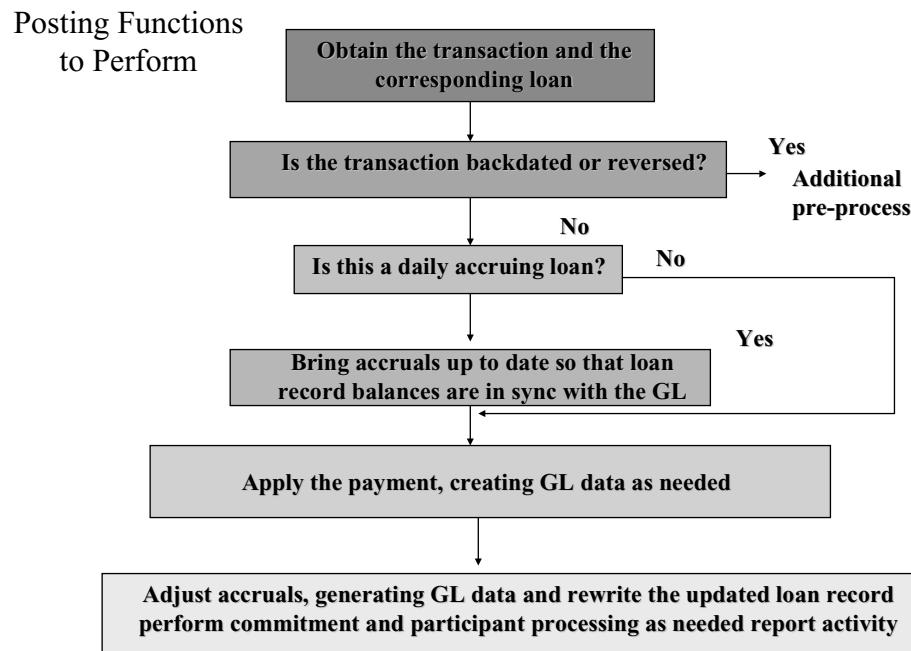


- To trace a given transaction through the posting flow
- To identify the PCDs used to define processing flow for posting
- To identify the main posting drivers



Posting Functions

- Update the balance of the loan
- Update General Ledger (GL) data
- Create history for audit or reposting
- Report activity





The Monetary Transaction

- Internal Datagroup 17210
- May be
 - generated externally
 - generated internally
 - entered online



Notice About Transaction Data

- Transaction Code (Function ID)
- Product Code
- Environment Indicator
- Source Type
- Loan Number
- Transaction Amount
- Effective Date

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L50210D
*Dgid 17210
*DCPY L50210D
*     START OF L50210D      LPS INTERNAL TRANSACTION
*
*     DATA GROUP NUMBER 17210
01  L-LPS-INTERNAL-TRANSACTION
    05  L-ACTION-L50210D          PIC XX.
    05  L-RESULT-L50210D         PIC XX.
    05  LOAN-TRAN              PIC X(292).
    05  LOAN-TRANSACTION REDEFINES LOAN-TRAN
        10  L-TRANS-POST-DEFINITION
            15  L-PD-TRAN-SIGN          PIC S9      COMP-3.
            15  L-PD-TRAN-TYPE         PIC X.
            15  L-PD-INTERN-GEN        PIC X.
            15  L-PD-CAPTURE-ACTY
                20  L-PD-CAPTURE-ACTY-N  PIC S9(4)  COMP.
            15  L-PD-CCP-REJ-CODE
                20  L-PD-CCP-REJ-CODE-N  PIC S9(4)  COMP.
            15  L-PD-INT-DESC-SET      PIC X.
            15  L-FORCE-PAY           PIC X.
            15  L-GLI-SOURCE          PIC X.
        10  L-TRANS-ENTRY-INFO
            15  L-CURRENCY-CODE        PIC X(3).
            15  L-PAY-NONACCR         PIC X.
            15  L-CO-ID
                20  L-CO-ID-N           PIC S9(4)  COMP.
            15  L-PRODUCT-CODE         PIC XXX.
            15  L-TRANSACTION-KEY
                20  L-ACCOUNT-NUMBER
                    25  L-LOAN-NO-FLR   PIC 9(8)
                    25  L-LOAN-NUMBER    PIC 9(15).
                20  L-INVESTOR-NO-X.
                    25  L-INVESTOR-NO    PIC 9(5)
            15  L-COMM-KEY REDEFINES L-TRANSACTION-KEY
                20  L-COMM-BOR-NUMBER
                    25  L-COMM-BOR-FLR   PIC 9(8)
                    25  L-COMM-BOR-NO    PIC 9(15)
                20  L-COMM-NUMBER       PIC 9(5).
            15  L-PART-KEY REDEFINES L-TRANSACTION-KEY
                20  L-PART-NUMBER
                    25  L-PART-NO-FLR   PIC 9(8)
                    25  L-PART-NBR       PIC 9(15)
                20  L-PART-NO          PIC 9(5)
            15  L-CPT-KEY REDEFINES L-TRANSACTION-KEY
                20  L-CPT-FILLER        PIC 9(3)
                20  L-CPT-BOR-NO       PIC 9(15).
                20  L-CPT-COMM-NO      PIC 9(5).
                20  L-CPT-INVESTOR-NO  PIC 9(5).
            15  L-FUNC-ID
                20  L-FUNC-ID-N         PIC S9(4)  COMP.
            15  L-SOURCE-TYPE
                20  L-SOURCE-TYPE-N     PIC S9(4)  COMP.
            15  L-ENVIRONMENT
                20  L-ENVIRONMENT-N     PIC S9(4)  COMP.
            15  L-TIME
                15  L-SYS-DATE          PIC S9(7)  COMP-3.
            15  L-SOURCE
                15  L-BRANCH             PIC X(8).
            15  L-OPERATOR            PIC S9(5)  COMP-3.
            15  L-TRACE-ID            PIC X(20).

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        20  L-INTERN-ID             PIC X(5).
        20  L-INTERN-DATE          PIC 9(7).
        20  L-INTERN-SEQ           PIC 9(8).

15   FILLER REDEFINES L-TRACE-ID
        20  L-TRACE-SOURCE         PIC X(8).
        20  L-TRACE-OPER           PIC X(12).
        15  L-DESCRIPTION          PIC X(47).
        15  L-EFFECTIVE-DATE       PIC S9(7) COMP-3.
        15  L-POST-DATE            PIC S9(7) COMP-3.
        15  L-TRAN-SEQ-NO          PIC S9(7) COMP-3.
        15  L-LOAN-TYPE            PIC X(3).
        15  L-MONETARY-IND         PIC X.
        15  L-POSTING-TYPE          PIC XX.
          88  L-POSTING-TYPE-LOAN      VALUE 'LN'
          88  L-POSTING-TYPE-COMB-BILL  VALUE 'CB'
          88  L-POSTING-TYPE-COMMITMENT  VALUE 'CM'
          88  L-POSTING-TYPE-SUB-COMMT  VALUE 'SB'
          88  L-POSTING-TYPE-CHARGE-OFF  VALUE 'CO'
          88  L-POSTING-TYPE-DEALER     VALUE 'DL'
          88  L-POSTING-TYPE-PARTICP    VALUE 'PN'
          88  L-POSTING-TYPE-TRANSFER   VALUE 'TX'
          88  L-POSTING-TYPE-CMT-PRT    VALUE 'CP'
          88  L-POSTING-TYPE-RECAST     VALUE 'RC'
          88  L-POSTING-TYPE-RECAST-SETUP  VALUE 'RS'
          88  L-POSTING-TYPE-SCHEME-COMMT  VALUE 'SC'

15  L-POSTING-TRAN-TYPE        PIC X.
15  L-PARTICIPATED-IND        PIC X(1).
15  L-ALLOCATED-IND           PIC X(1).
15  L-RESERVE-BALANCE         PIC X(1)
          88  L-RSRV-BAL-DISBRSMNT    VALUE 'D'
          88  L-RSRV-TAX-BAL-DISBRSMT  VALUE 'T'
15  L-PRIORITY                 PIC X(2)

*
*   THRU HERE IS STANDARD 187 BYTES
10  L-TRAN-AREA
15  L-PD-TRAN-CODE-REVERSED
        20  L-PD-TRAN-CODE-RV-N PIC S9(4) COMP.
15  L-TRANS-AMT                PIC S9(11)V99 COMP-3.
15  FILLER                     PIC X(100)

10  L-TRANS-XFER REDEFINES L-TRAN-AREA
15  FILLER                     PIC X(81)
15  L-SUBPRDCT-CODE           PIC X(3)
15  L-BRANCH-NO                PIC S9(5)      COMP-3
15  L-COST-CENTER              PIC S9(7)      COMP-3
15  FILLER                     PIC X(18)

10  L-TRANS-DEMAND-CALL REDEFINES L-TRAN-AREA
15  FILLER                     PIC X(09)
15  L-NEW-MATURITY-DATE        PIC S9(7)      COMP-3
15  FILLER                     PIC X(96)

10  L-TRANS-MAINTENANCE REDEFINES L-TRAN-AREA
15  L-NEW-DATA                  PIC X(40).
15  L-OLD-DATA                  PIC X(40).
15  L-ELEMENT-ID                PIC X(8).
15  L-SENSITIVE-CODE           PIC XX.
15  FILLER                     PIC X(19)

10  L-ALLOCATED-PAYMENT REDEFINES L-TRAN-AREA
15  FILLER                     PIC X(9)
15  L-PAYMENT-SPREAD
        20  L-PRINCIPAL-AMOUNT    PIC S9(11)V99 COMP-3
        20  L-INTEREST-AMOUNT     PIC S9(11)V99 COMP-3
        20  L-RESERVES-AMOUNT      PIC S9(11)V99 COMP-3

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20 L-INS-AMOUNT      PIC S9(11)V99 COMP-3
20 L-PREPAID-INTEREST PIC S9(11)V99 COMP-3
20 L-FEE-AMOUNT      PIC S9(11)V99 COMP-3
20 L-NO-OF-PAYMENTS  PIC S9(3)      COMP-3
20 L-CHARGES-AMOUNT  PIC S9(11)V99 COMP-3
20 L-OTHER-AMOUNT    PIC S9(11)V99 COMP-3
20 L-UNAPLD-FUNDS-AMT PIC S9(11)V99 COMP-3
20 L-NON-ACCR-AMT   PIC S9(11)V99 COMP-3
15 L-PART-PAY-SPREAD REDEFINES L-PAYMENT-SPREAD
20 L-PRT-PRINCIPAL-AMT PIC S9(11)V99 COMP-3
20 L-PRT-INTEREST-AMT PIC S9(11)V99 COMP-3
20 L-PRT-PREPAY-PNLTY PIC S9(11)V99 COMP-3
20 L-SERV-FEE-AMT    PIC S9(11)V99 COMP-3
20 L-OTHER-FEE-AMT   PIC S9(11)V99 COMP-3
20 FILLER            PIC S9(11)V99 COMP-3
20 L-PRT-NO-OF-PMTS  PIC S9(3)      COMP-3
20 L-PRT-CHARGES-AMT PIC S9(11)V99 COMP-3
20 L-PRT-RESERVES-AMT PIC S9(11)V99 COMP-3
20 L-PRT-NON-ACCR-AMT PIC S9(11)V99 COMP-3
15 L-INT-ESC-RESERVE-ADJ PIC X(1)
15 L-PRINCIPAL-ADJ   PIC X(1)
15 L-ESCROW-ADJ     PIC X(1)
15 L-PRT-LOAN-SEQ-NUM PIC S9(3)      COMP-3
15 L-PREPAID-AMT    PIC S9(11)V99 COMP-3
15 FILLER            PIC X(06)
15 FILLER            PIC X(10)
10 L-LOAN-EXTENSION REDEFINES L-TRAN-AREA
15 L-DUE-DATE-CHANGE-DAYS PIC S9(3)      COMP-3
15 L-EXT-DUE-DATE-FEE  PIC S9(7)V99 COMP-3
15 L-EXTENSION-TERM   PIC S9(3)      COMP-3
15 L-DUE-CURR-NEXT-IND PIC X(1)
88 L-DUE-CURRENT-PYMT  VALUE 'C'
88 L-DUE-NEXT-PYMT    VALUE 'N'
15 L-INTERIM-BILL-IND PIC X(1)
88 L-CREATE-INT-BILL  VALUE 'Y'
15 L-EXT-ACCRUE-INT   PIC X(1)
88 L-EXT-ACCRUE-INT-YES  VALUE 'Y'
88 L-EXT-DONT-ACCRUE-INT  VALUE 'N'
15 L-EXT-ACCRUE-INT-INS PIC X(1)
88 L-EXT-ACCRUE-INT-ON-INS  VALUE 'Y'
88 L-EXT-DONT-ACCRUE-INT-ON-INS VALUE 'N'
15 L-EXT-ACCRUE-INT-FEE  PIC X(1)
88 L-EXT-ACCRUE-INT-ON-FEE  VALUE 'Y'
88 L-EXT-DONT-ACCRUE-INT-ON-FEE VALUE 'N'
15 L-INTERIM-BILL-AMT   PIC S9(7)V99 COMP-3
10 L-LOAN-RENEWAL REDEFINES L-TRAN-AREA
15 L-OLD-LOAN-NUMBER  PIC X(23)
15 L-NEW-LOAN-NUMBER  PIC X(23)
15 L-PAYMENT-AMOUNT   PIC S9(11)V99 COMP-3
15 L-REN-ADVANCE-AMOUNT PIC S9(11)V99 COMP-3
15 L-AMOUNT-RENEWED   PIC S9(11)V99 COMP-3
15 FILLER            PIC X(42)
10 L-RATE-CHANGE REDEFINES L-TRAN-AREA
15 L-INTEREST-RATE    PIC S9(3)V9(6) COMP-3
15 L-LEGAL-CEILING    PIC S9(3)V9(6) COMP-3
15 L-RC-RATES-AND-FEES-KEY
20 L-RC-CALC-TYPE    PIC XXX
20 L-RC-CALC-CODE    PIC XX
20 L-RC-SEQ-NO        PIC 9(3)      COMP-3
15 L-RC-NEXT-RCHG-DATE PIC 9(7)      COMP-3
15 L-RC-LAST-RCHG-DATE PIC 9(7)      COMP-3

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15 L-RC-NEXT-NOTICE-DATE      PIC 9(7)      COMP-3
15 L-RC-LAST-NOTICE-DATE     PIC 9(7)      COMP-3
15 L-RC-IR-CHANGES-PTD      PIC S9(3)V9(6) COMP-3
15 L-RC-IR-CHANGES-LIFE     PIC S9(3)V9(6) COMP-3
15 L-RC-CURRENT-PERIOD      PIC 9      COMP-3
15 L-RC-INDEX-CODE          PIC XX
15 L-RC-AUTO-PYMT-REST-IND  PIC X(1)
15 L-RC-NOTICE-MSG-CODE     PIC X(3)
15 L-RC-RATE-INC-NOTIFY-DAYS PIC 9(3) COMP-3
15 L-RC-RATE-DEC-NOTIFY-DAYS PIC 9(3) COMP-3
15 L-RC-PREPAID-BAL-CALC-IND PIC X(1)
15 L-RC-PCD-EFFECTIVE-DATE  PIC 9(7)      COMP-3.
15 FILLER                   PIC X(41)

10 L-BILLING-TRIGGER REDEFINES L-TRAN-AREA
15 L-BILLING-TYPE           PIC XX
15 L-BILLING-NUMBER         PIC X(23)
15 FILLER                   PIC X(84)
10 L-REPORT-REQUESTS REDEFINES L-TRAN-AREA
15 FILLER                   PIC X(106)
15 L-REPORT-NUMBER          PIC 999
10 L-ADVANCE REDEFINES L-TRAN-AREA
15 L-ADVANCE-AMOUNT          PIC S9(11)V99 COMP-3
15 FILLER                   PIC X(74)
15 L-IDS-PRODUCT            PIC X(3)
15 L-IDS-ACCOUNT             PIC 9(15)      COMP-3
15 L-IDS-CO-ID
20 L-IDS-CO-ID-N            PIC S9(4)      COMP
10 L-ACCRAUL-KEY REDEFINES L-TRAN-AREA
15 FILLER                   PIC X(102)
15 L-CALCULATION-TYPE       PIC X(3)
15 L-CALCULATION-CODE       PIC X(2)
15 L-SEQUENCE-NUMBER        PIC 9(3)      COMP-3
10 L-CA-TAX-DATA REDEFINES L-TRAN-AREA
15 FILLER                   PIC XX
15 L-CA-TAX-AMOUNT          PIC S9(11)V99 COMP-3
15 L-CA-COL-NO              PIC X(23)
15 L-CA-TAX-KEY
20 L-CA-TAX-PAYEE-NO        PIC X(023)
20 L-CA-TAX-PAYEE-RES-TYPE  PIC X(002)
20 L-CA-TAX-ACCT-NO         PIC X(023)
15 L-CA-TAX-ACTY            PIC X(002)
15 L-CA-TAX-NXT-DUE         PIC S9(7)      COMP-3
15 FILLER                   PIC X(023)
10 L-DISB-PDI-PREM REDEFINES L-TRAN-AREA
15 L-DISB-AMOUNT             PIC S9(11)V99 COMP-3
15 L-DISB-COL-NO             PIC X(23)
15 L-DISB-PAYEE              PIC X(23)
15 L-DISB-PDI-KEY
20 L-DISB-PDI-INS-CO
25 L-FHA-PREM-AMT-SUPPLIED  PIC S9(9)V99 COMP-3
25 L-FHA-PREM-TOT-DUE-DT-SUPL
25 FILLER                   PIC 9(7)      COMP-3
25 FILLER                   PIC X(13)
20 L-DISB-PDI-POL-NO         PIC X(23)
15 L-DISB-NO-PDI-INSTALL    PIC S9(3)      COMP-3
15 L-DISB-NEXT-DUE           PIC 9(7)      COMP-3
15 FILLER                   PIC X(2)
10 L-COUPON-INFORMATION REDEFINES L-TRAN-AREA
15 L-COUPON-START-DATE       PIC 9(7)      COMP-3

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15 L-NUMBER-COUPONS          PIC 9(3)    COMP-3
15 L-COUPON-END-DATE        PIC 9(7)    COMP-3
15 L-COUPON-SCHEDULE-TYPE   PIC X(3)
15 L-EXT-COUPON-IND        PIC X(1)
15 FILLER                  PIC X(95)
10 L-COMMITMENT REDEFINES L-TRAN-AREA
15 L-C-COMMT-SPREAD
20 L-C-COMMT-AMT           PIC S9(11)V99 COMP-3
20 L-C-OVERLINE-AMOUNT     PIC S9(11)V99 COMP-3
20 L-C-TAKEDOWN-AMOUNT     PIC S9(11)V99 COMP-3
20 L-C-LOAN-PAYMENT        PIC S9(11)V99 COMP-3
20 L-C-LC-AMOUNT           PIC S9(11)V99 COMP-3
20 L-C-FEE-AMOUNT          PIC S9(07)V99 COMP-3
20 L-C-EXPIRE-DATE         PIC 9(7)    COMP-3
20 L-C-INCREASE-AMT        PIC S9(11)V99 COMP-3
20 L-C-REDUCE-AMT          PIC S9(11)V99 COMP-3
15 L-C-LOAN-TO-CMT-POST-IND PIC X
15 L-C-REVOLVING-INDIC     PIC X
15 FILLER                  PIC X(25)
15 L-C-FEE-ORIGINAL-TERM   PIC 9(3)    COMP-3
15 L-C-FEE-REMAINING-TERM  PIC 9(3)    COMP-3
15 L-C-FEE-BILL-OPTION      PIC X
15 L-C-CURRENCY-CODE       PIC X(3)
15 L-C-FEE-TYPE             PIC X(3)
15 L-C-CALC-CODE           PIC X(2)
15 L-C-SEQ-NO               PIC 9(3)    COMP-3
10 L-COMMIT-PARTICIP REDEFINES L-TRAN-AREA
15 FILLER                  PIC X(9)
15 L-CPT-SPREAD
20 L-CPT-PART-AMT          PIC S9(11)V99 COMP-3
20 L-CPT-OVERLINE-AMT      PIC S9(11)V99 COMP-3
20 L-CPT-TAKEDOWN-AMT      PIC S9(11)V99 COMP-3
20 L-CPT-LOAN-PAYMENT      PIC S9(11)V99 COMP-3.
20 L-CPT-INTEREST-AMT      PIC S9(11)V99 COMP-3.
20 L-CPT-FLAT-FEE-AMT      PIC S9(07)V99 COMP-3.
20 L-CPT-INCREASE-AMT      PIC S9(11)V99 COMP-3
20 L-CPT-REDUCE-AMT        PIC S9(11)V99 COMP-3
20 L-CPT-OVERLINE-EXP-DT   PIC 9(7)    COMP-3.
20 L-CPT-RECALL-DATE       PIC 9(7)    COMP-3.
15 FILLER                  PIC X(28)
15 L-CPT-CURRENCY-CODE     PIC X(3).
15 L-CPT-CALC-TYPE          PIC X(3).
15 L-CPT-CALC-CODE          PIC X(2).
15 L-CPT-SEQ-NO              PIC 9(3)    COMP-3.
10 L-CPT-RATE-CHANGE REDEFINES L-TRAN-AREA
15 L-CPT-UNDISB-RATE        PIC S9(3)V9(6) COMP-3
15 L-CPT-DISB-RATE          PIC S9(3)V9(6) COMP-3
15 L-CPT-RC-RATES-AND-FEES-KEY
20 L-CPT-RC-CALC-TYPE       PIC XXX
20 L-CPT-RC-CALC-CODE       PIC XX
20 L-CPT-RC-SEQ-NO          PIC 999    COMP-3
15 FILLER                  PIC X(83)
10 L-CMT-RATE-CHANGE REDEFINES L-TRAN-AREA
15 L-CMT-UNDISB-RATE        PIC S9(3)V9(6) COMP-3
15 L-CMT-ANNUAL-RATE REDEFINES L-CMT-UNDISB-RATE
                                         PIC S9(3)V9(6) COMP-3
15 L-CMT-DISB-RATE          PIC S9(3)V9(6) COMP-3
15 L-CMT-RC-RATES-AND-FEES-KEY
20 L-CMT-RC-CALC-TYPE       PIC XXX
20 L-CMT-RC-CALC-CODE       PIC XX
20 L-CMT-RC-SEQ-NO          PIC 999    COMP-3

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10  L-NON-BLW-MKT-ACCRL      REDEFINES L-TRAN-AREA
15  FILLER                  PIC X(19)
15  L-NON-BLW-MKT-STATUS    PIC X
15  L-NON-BLW-MKT-CALC-CODE PIC XX
15  L-NON-BLW-MKT-START-DT  PIC 9(7)      COMP-3
15  L-REDEFINED-START-DT   REDEFINES
15  L-NON-BLW-MKT-START-DT  PIC 9V9(6)     COMP-3
15  L-NON-BLW-MKT-RATE     PIC 9(3)V9(6)   COMP-3
15  FILLER                  PIC X(70)
15  L-SPREAD-IND           PIC X
15  FILLER                  PIC X(7)
10  L-PAYMENT-DATA          REDEFINES L-TRAN-AREA
15  L-FEE-CODE              PIC X(3)
15  L-HOW-PAID               PIC X(3)
15  L-PAID-BY                PIC X
15  L-DISBURSE-TO            PIC X
15  L-ONLINE-BATCH           PIC X
15  FILLER                  PIC X(91)
10  L-COMBINE-BILL-PAYMENT  REDEFINES L-TRAN-AREA
15  FILLER                  PIC X(9)
15  L-BILLING-BORROWER      PIC X(23)
15  L-COMBINE-NUMBER        PIC 9(7)      COMP-3
15  L-BILL-DUE-DATE         PIC 9(7)      COMP-3
15  FILLER                  PIC X(69)
10  L-READY-CREDIT-ADVANCE  REDEFINES L-TRAN-AREA
15  FILLER                  PIC X(16)
15  L-CHECK-NO              PIC S9(10)    COMP-3.
15  FILLER                  PIC X(87)
10  L-LNSALE-DATA           REDEFINES L-TRAN-AREA
15  L-LNSALE-INV             PIC X(5)
15  L-LNSALE-RPTTYP          PIC X(3)
15  L-LNSALE-GRP             PIC X(12)
15  FILLER                  PIC X(8)
10  L-LNSALE-DATA-2          REDEFINES L-TRAN-AREA
15  L-LNSALE-ACTION          PIC X(3)
15  L-LNSALE-EXPIRE-DATE    PIC 9(7)      COMP-3
15  L-LNSALE-INV-TYPE        PIC X(5)
15  L-LNSALE-REOURSE-CD     PIC X(1)
15  L-LNSALE-SOLD-PCT        PIC S9V9(8)   COMP-3
15  L-LNSALE-INV-COID
20  L-LNSALE-INV-COID-N     PIC S9(4)      COMP
15  L-LNSALE-INV-ID          PIC X(5)
15  FILLER                  PIC X(3)
10  L-ESCROW-INTEREST-DATA  REDEFINES L-TRAN-AREA
15  FILLER                  PIC X(88)
15  L-RSV-INT-PAID           PIC S9(11)V99  COMP-3
15  L-WITHHOLDING-RSV-INT-PAID PIC S9(11)V99  COMP-3
15  L-ADV-INT-PAID           PIC S9(11)V99  COMP-3
10  L-BILL-MAINT-DATA        REDEFINES L-TRAN-AREA
15  FILLER                  PIC X(09)
15  L-B-SCHEDULE-TYPE        PIC X(03)
15  L-B-START-DATE           PIC 9(07)      COMP-3
15  L-B-BILLING-METHOD       PIC X(01)
15  L-B-PRE-BILL-DAYS        PIC 9(03)      COMP-3
15  L-B-EOM-IND              PIC X(01)
15  L-B-BILL-DAY              PIC 9(02)
15  L-B-SKIP-MONTHS OCCURS 12 TIMES
20  L-B-NO-MONTHS-SKIP       PIC 9(02)      COMP-3
15  L-B-AMOUNT-PAYMENT        PIC S9(09)V99  COMP-3
15  L-B-PAYMENT-PERCENT       PIC 9V9(06)    COMP-3
15  L-B-ODD-PYMT-AMT          PIC S9(09)V99  COMP-3

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15 L-B-DUE-DATE-CHANGE-DAYS PIC S9(03)      COMP-3
15 L-B-CURRENT-DUE-DATE   PIC 9(07)        COMP-3
15 L-B-NEXT-PYMT-DUE-DATE PIC 9(07)        COMP-3
15 L-B-COMBINE-NUMBER    PIC 9(07)        COMP-3
15 L-B-BILLING-BORROWER  PIC X(23)
15 L-B-ADDNL-OFFERED-INFO
20 L-B-ADDNL-OFFERED-IND PIC X(01)
88 L-B-ADDNL-FIXED-BILLING VALUE 'A'
88 L-B-OFFERED-BILLING   VALUE 'O'
88 L-B-ADDNL-OFFERED-VALID VALUES ARE
'A', 'O'
20 L-B-ADDNL-OFFERED-AMT PIC S9(09)V99  COMP-3
15 FILLER                PIC X(03)
10 L-DEALER-TOTAL        REDEFINES L-TRAN-AREA
15 FILLER                PIC X(02)
15 L-DLT-AMT-TO-APPLY    PIC S9(11)V99 COMP-3
15 FILLER                PIC X(72)
15 L-DLT-LOAN-NUMBER    PIC X(23)
15 L-DLT-TYPE-TXN       PIC X
88 PAYOFF                VALUE 'P'
88 PAYOFF-REV             VALUE 'A'
88 CHROFF                VALUE 'C'
88 CHROFF-REV             VALUE 'B'
88 REPO                  VALUE 'R'
88 REPO-REV               VALUE 'V'
88 OTHER-TXN              VALUE 'O'
15 L-DLT-PURCHASE-TYPE  PIC X
15 L-DLT-INS-FOUND        PIC X
10 L-DEALER-TRAN          REDEFINES L-TRAN-AREA
15 L-DLR-SPREAD
20 L-DLR-SPREAD-ENTRY OCCURS 5 TIMES
INDEXED BY L-DLR-SPRD-NDX
25 L-DLR-RSV-CODE  PIC X(02)
25 L-DLR-RSV-AMT   PIC S9(11)V99 COMP-3
25 L-DLR-RSV-TYPE  PIC X(03)
25 L-DLR-RSV-SEQ-NO PIC 9(3)      COMP-3
15 FILLER REDEFINES L-DLR-SPREAD
20 L-DLR-RSV-CODE-1     PIC X(02).
20 L-DLR-RSV-AMT-1      PIC S9(11)V99 COMP-3.
20 L-DLR-RSV-TYPE-1     PIC X(03).
20 L-DLR-RSV-SEQ-NO-1   PIC 9(3)      COMP-3.
20 L-DLR-RSV-CODE-2     PIC X(02).
20 L-DLR-RSV-AMT-2      PIC S9(11)V99 COMP-3.
20 L-DLR-RSV-TYPE-2     PIC X(03).
20 L-DLR-RSV-SEQ-NO-2   PIC 9(3)      COMP-3.
20 L-DLR-RSV-CODE-3     PIC X(02).
20 L-DLR-RSV-AMT-3      PIC S9(11)V99 COMP-3.
20 L-DLR-RSV-TYPE-3     PIC X(03).
20 L-DLR-RSV-SEQ-NO-3   PIC 9(3)      COMP-3.
20 L-DLR-RSV-CODE-4     PIC X(02).
20 L-DLR-RSV-AMT-4      PIC S9(11)V99 COMP-3.
20 L-DLR-RSV-TYPE-4     PIC X(03).
20 L-DLR-RSV-SEQ-NO-4   PIC 9(3)      COMP-3.
20 L-DLR-RSV-CODE-5     PIC X(02).
20 L-DLR-RSV-AMT-5      PIC S9(11)V99 COMP-3.
20 L-DLR-RSV-TYPE-5     PIC X(03).
20 L-DLR-RSV-SEQ-NO-5   PIC 9(3)      COMP-3.
15 L-DLR-LOAN-NO         PIC X(23).
15 L-DLR-COST-CENTER    PIC S9(7)      COMP-3.
15 L-DLR-OFFICER         PIC X(5).
15 L-DLR-GL-TYPE         PIC XXX.

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15 FILLER          PIC X(04)
10 L-DISCHARGE-DEBT    REDEFINES L-TRAN-AREA
15 L-PRIN-DISCHG-AMT   PIC S9(11)V99  COMP-3
15 L-INT-DISCHG-AMT    PIC S9(11)V99  COMP-3
15 L-FEE-DISCHG-AMT    PIC S9(11)V99  COMP-3
15 L-PPEN-DISCHG-AMT   PIC S9(11)V99  COMP-3
15 L-LATE-CHG-DISCHG-AMT PIC S9(11)V99  COMP-3
15 L-NSF-CHG-DISCHG-AMT PIC S9(11)V99  COMP-3
15 L-MEM-CHG-DISCHG-AMT PIC S9(11)V99  COMP-3
15 L-OTH-CHG-DISCHG-AMT PIC S9(11)V99  COMP-3
15 L-CHARGES-DISCHG-AMT PIC S9(11)V99  COMP-3
15 L-IRS-IDENTIFIABLE-EVENT PIC X(2)
15 FILLER          PIC X(35)

10 L-ILP120-DEALER-RESERVE REDEFINES L-TRAN-AREA
15 FILLER          PIC X(99)
15 L-DEALER-NO      PIC X(5).
15 L-RESV-TYPE      PIC XXX.
15 L-RESV-CALC-CODE PIC XX
10 L-SUB-STATUS-INFO REDEFINES L-TRAN-AREA
15 FILLER          PIC X(94)
15 L-LOAN-STATUS     PIC XXX
15 L-LOAN-SUB-STATUS PIC XXX
15 L-MORATORIUM-START-DT PIC 9(7)  COMP-3
15 L-MORATORIUM-END-DATE PIC 9(7)  COMP-3
15 L-LOAN-SETTLEMENT PIC X
10 L-CMT-SCHEME-TXN  REDEFINES L-TRAN-AREA
15 FILLER          PIC X(9)
15 L-CMT-SCHEME-KEY
20 L-CMT-BORR-NUMBER  PIC X(23).
20 L-CMT-COMMIT-NUMBER PIC 9(05).
20 L-CMT-START-DATE   PIC 9(07) COMP-3.
15 L-CMT-SUBSIDY-TYPE PIC X(03).
88 L-CMT-INTEREST-SUBSIDY  VALUE 'INT'
88 L-CMT-TIERED-SUBSIDY  VALUE 'TIR'
88 L-CMT-SPECIAL-INT-SUBSIDY  VALUE 'SPI'
15 L-CMT-VARIABLE-DATA   PIC X(65)
15 L-CMT-DEMOGRAPHICS-DATA REDEFINES
                         L-CMT-VARIABLE-DATA
20 L-CMT-OLD-EXPIRATION-DATE PIC 9(07) COMP-3.
20 L-CMT-EXPIRATION-DATE    PIC 9(07) COMP-3.
20 L-CMT-EMPLOYEE-NUMBER-IND PIC X(01).
20 L-CMT-INSURANCE
25 L-CMT-INSURANCE-TYPE    OCCURS 5 TIMES
                           PIC XX
20 L-CMT-NEW-FIXED         PIC S9(11)V99
                           COMP-3
20 L-CMT-NEW-PERCENTAGE   PIC S9(11)V99
20 FILLER          PIC X(32)
15 L-CMT-BILLING-DATA    REDEFINES
                         L-CMT-VARIABLE-DATA
20 L-CMT-PRE-BILL-DAYS   PIC 9(03) COMP-3.
20 L-CMT-EOM-IND         PIC X(01).
88 L-CMT-EOM-YES        VALUE 'Y'
88 L-CMT-EOM-NO         VALUE 'N'
20 L-CMT-EXCEPTION-DAY  PIC 9(02).
20 L-CMT-NEXT-DUE-DATE   PIC 9(07) COMP-3.
20 L-CMT-BILLING-PERIOD  PIC X(1)
20 L-CMT-BILLING-FREQ    PIC 9(3)  COMP-3
20 FILLER          PIC X(53)
15 L-CMT-INTEREST-RATE-DATA REDEFINES
                           L-CMT-VARIABLE-DATA

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20  L-CMT-NEW-RATE           PIC 9(03)V9(6)
20  L-CMT-NEW-TIERED-DATA
25   L-CMT-NEW-TIERS-ENTRY OCCURS 3 TIMES
30   L-CMT-NEW-FIXED-RATE   PIC S9(03)V9(6)
30   L-CMT-NEW-LIMIT-AMOUNT PIC S9(11)V99
20  L-CMT-ADDNL-TIERS-IND  PIC X
88   L-CMT-UPDATE-ADDNL-TIERS    VALUE 'Y'
20  FILLER                  PIC X(23)
15  L-CMT-INT-CONCESSION-DATA REDEFINES
   L-CMT-VARIABLE-DATA
20  L-CMT-NEW-CONCESSION   PIC S9(3)V9(6) COMP-3
20  FILLER                  PIC X(60)
15  L-CMT-EXPIRATION-RATE-DATA REDEFINES
20  L-CMT-INT-CONCESSION-IND PIC X
20  L-CMT-ISB-RFK-KEY      PIC X(7)
20  FILLER                  PIC X(57)
10  L-VAT-SPREAD            REDEFINES L-TRAN-AREA
15  FILLER                  PIC S9(11)V99 COMP-3
15  L-VAT-FEE-FINANCE-AMT  PIC S9(11)V99 COMP-3
15  L-VAT-FEE-AMOUNT        PIC S9(11)V99 COMP-3
15  FILLER                  PIC S9(3) COMP-3
15  L-VAT-AMOUNT            PIC S9(11)V99 COMP-3
15  L-VAT-RATE              PIC S9(03)V9(6) COMP-3
15  L-OLD-VAT-RATE          PIC S9(03)V9(6) COMP-3
15  L-VAT-CODE              PIC X(03).
15  FILLER                  PIC X(08).
10  L-FEES-FEES-DATA REDEFINES L-TRAN-AREA.
15  FILLER                  PIC X(09).
15  L-FEES-FEE-PAID-BY     PIC X.
15  L-FEES-FEE-AMOUNT       PIC S9(7)V99      COMP-3
15  L-FEES-FEE-FINANCED    PIC X.
15  L-FEES-FEE-PAID         PIC X.
15  L-FEES-FEE-RATE         PIC 9(3)V9(6) COMP-3
15  L-FEES-EXPIRATION-DATE PIC 9(7)        COMP-3
15  L-FEES-FEE-TERM         PIC 9(3)        COMP-3
15  L-FEES-FEE-PAID-AMOUNT PIC S9(9)V99      COMP-3
15  L-FEES-FEE-DESCRIPTION PIC X(40).
15  L-FEE-ACCUAL-BASE      PIC 9(3)        COMP-3
15  L-FEE-ACCUAL-METHOD    PIC 9(3)        COMP-3
15  L-FEE-ADDED-AFTER-SETUP PIC X.
15  L-FEES-DATE-ADDED      PIC 9(7)        COMP-3
15  L-FEES-VAT-CODE        PIC X(3).
15  L-FEES-VAT-INCL-EXCL   PIC X(1).
15  L-FEES-VAT-AMOUNT      PIC S9(11)V99      COMP-3
15  L-FEES-VAT-RATE         PIC S9(3)V9(6) COMP-3
15  FILLER                  PIC X(10)
10  L-FISCAL-DATA REDEFINES L-TRAN-AREA
15  FILLER                  PIC X(09)
15  L-FISCAL-BEGIN-MONTH   PIC S9(3)      COMP-3
15  FILLER                  PIC X(98)
10  L-ACCUAL-DATA REDEFINES L-TRAN-AREA
15  L-ACCUAL-BASE           PIC 9(3)        COMP-3
15  L-ACCUAL-METHOD         PIC 9(3)        COMP-3
15  FILLER                  PIC X(96)

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Internal Transaction - Related Programs and Datagroups

LPS Internal Transaction						
10009	10097	10099	10406	10429	10421	10430
17210	145005	145089	L10083	L1012E	L10220	L10222
	L10224	L10238	L10240	L10250	L10253	L10255
	L10261	L10265	L10270	L10271	L10273	L10284
	L10289	L10291	L10300	L10304	L10307	L10326
	L10327	L10330	L10352	L10356	L10359	L10360
	L10361	L10363	L10370	L10375	L10380	L10384
	L10425	L10550	L10562	L10606	L10607	L10608
	L10640	L10670	L10760	L12001	L12003	L12006
	L12007	L12010	L12020	L12024	L12026	L12029
	L12040	L12042	L12043	L12044	L12045	L12046
	L12053	L12054	L12055	L12056	L12057	L12058
	L12059	L12060	L12070	L12072	L12074	L12076

Objects: (row, column)2/19/2003 3:07:39 PM

(1,1) 10097	Scheme Information History (HDB LLCAMS)
(1,2) 10406	Billing History Information Data Group (HDB LLCAMS)
(1,3) 10420	Combine Billing Information HDB (HDB ILPCMBL)
(1,4) 10421	Combine Billing Invoice (HDB ILPCBDT)
(1,5) 10430	Prt Finance Trxn Base Datagroup (HDB PRTATF)
(1,6) 10433	History Transaction Amount (HDB LLPYSS)
(1,7) 10434	Participation History Rate Change (HDB PRTATF)
(2,1) 17210	LPS Internal Transaction
(2,2) I45085	Loan Test OTP
(2,3) I45089	Loan OTP Release
(2,4) L10125	Participation History Recap Program
(2,5) L10220	Participation Sold
(2,6) L10222	Participation Profile
(2,7) L10224	Loan Bankruptcy Status Change
(3,2) L10236	Commitment Rate Change Program
(3,3) L10240	Commitment Profile
(3,4) L10250	CLS \$ Post Screen Post Screen
(3,5) L10253	Post Ready Credit Advance
(3,6) L10255	Bankruptcy Or Removal Status Check
(3,7) L10261	Loan Cancellation Lcan
(4,2) L10265	Ready Credit Status Change
(4,3) L10270	Non Financial Post Transaction
(4,4) L10271	Commitment Rate Change Post Program
(4,5) L10273	Charge Off Screen Program
(4,6) L10284	Ready Credit Status Check
(4,7) L10289	Release Dealer Reserve
(5,2) L10291	Set Or Change Repo Status
(5,3) L10300	Commitment Participation Profile Funding Driver
(5,4) L10304	Loan Code Maintenance Screen
(5,5) L10307	Title Transfer Lttf
(5,6) L10326	Transfer Cost Center Screen Program
(5,7) L10327	Charge Off Maintenance Program
(6,2) L10352	Demand Loan Call
(6,3) L10356	Commitment Chrges Post
(6,4) L10359	Commitment Post Waive Charge
(6,5) L10360	Lmem Screen
(6,6) L10361	Commitment Post Payment Charge
(6,7) L10363	After Post Controller For Demand Call
(7,2) L10370	Prepayment Penalty Calculation Driver
(7,3) L10375	Comm Participation Transaction History Wr
(7,4) L10380	Commitment Transaction History Wr
(7,5) L10384	CLS Reserve Deposit
(7,6) L10425	Combine Billing Payment Online Capture
(7,7) L10550	Ready Credit Line Amount Change
(8,2) L10562	Ready Credit Stop Payment Charge
(8,3) L10606	Prepaid Interest Allocate Screen Program
(8,4) L10607	Billing Restructure Post
(8,5) L10608	Payment Post Edit Over A Billr
(8,6) L10640	Request Coupon Book
(8,7) L10670	Unapplied Fund Post Screen Program
(9,2) L10750	Ready Credit Line Amount Change
(9,3) L12001	Adjustment Dealer Reserve
(9,4) L12003	Retrieve CCP Message

(9,5) L12006	Dealer Reserve Deposit
(9,6) L12007	Dealer Reserve Charge Back
(9,7) L12010	Add Can As Earned Insurance
(10,2) L12020	Rate Mods Tier Limit Inquiry Maintenance Program
(10,3) L12024	Billing Restructure Summary Screen Program
(10,4) L12040	Reprint Rebill Billing Statement
(10,5) L12042	ILP Billing Schedule Change Detail
(10,6) L12043	Add Existing Loan To Commitmnt Screen Program
(10,7) L12044	Delete Existing Loan From Comnt Screen Program
(11,2) L12045	Delete Existing Loan From Comt Screen Program
(11,3) L12053	Restructure Payoff Program
(11,4) L12054	Restructure Setup Post Program
(11,5) L12055	Checkpoint Delete Program
(11,6) L12057	Assumption Setup Screen Program
(11,7) L12058	Post Assumption Setup Program
(12,2) L12060	Chg Foreclosure Date Post
(12,3) L12070	Renegotiate Debt Setup Screen Program
(12,4) L12072	Post Program For Refund Of Unapplied To Borrower
(12,5) L12074	Rnew Rstr Payoff Reversal Program
(12,6) L12076	Recast Setup Screen Program
(12,7) L12077	Recast Profile Funding Program
(13,2) L12079	Lrir Recast Reversal Screen Program
(13,3) L12080	Adjustment Escrow Int Paid Screen Program
(13,4) L12158	Detail Rate Chg Notice Lr10158
(13,5) L12333	Lset Write Loan Data Base
(13,6) L12350	Lset Profile Funding Program
(13,7) L12377	Capitaliation Maintenance Screen

...Internal Transaction - Related Programs and Datagroups

I0576 Interest Rate Limits (HDB LLCSSS)					
L12607	L12611	E17165	L20003	L20005	L20006
L20014	L20019	L20024	L20032	L20048	L20049
L20069	L20072	L20073	L20077	L20078	L20079
L20083	L20099	L20301	L20308	L20309	L20381
L20611	L20710	L20711	L20716	L	
I0097	I0400	I0410	I0420	I0421	I0430
I0433	I0434	I0443	I0450	I0461	I0462
I0470	I0480	I0486	I0489	I0490	I0500
I0501	I0502	I0504	I0506	I0508	I0509
I0510	I0512	I0513	I0520	I0522	I0525
I0530	I0531	I0534	I0536	I0537	I0541
I0545	I0550	I0558	I0559	I0561	I0562
I0564	I0566	I0571	I0576	I0581	I0584

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(1,2) L12607	Dealer Reserve Charge Bck At Ln Payoff Chargeoff
(1,3) L12611	Capitalization Batch Driver
(1,4) L17165	Update Los And Loi Databases
(1,5) L20003	Capitalization Adjustment Screen Capa Capb
(1,6) L20005	Capitalization Charge Adjustment Screen
(1,7) L20006	Cashback Setup Maintenance Lcbm
(2,2) L20014	Lspm Screen Program
(2,3) L20019	Memo Captured Item Inquiry
(2,4) L20024	Ldsm Screen Program
(2,5) L20032	Split Billing Summary Maintenance Program
(2,6) L20048	Fixed Capped Rate Maintenance
(2,7) L20049	Llsm Status Sub Status Maintenance
(3,2) L20069	Scheme Billing Maintenance Program
(3,3) L20072	Scheme Detail Maintenance Program
(3,4) L20073	Subsidy Parameter Maintenance Program
(3,5) L20077	Subsidy Tier Maintenance Program
(3,6) L20078	Subsidy Interest Rate Maintenance Program
(3,7) L20079	Scheme Interest Concession Maintenance
(4,2) L20083	Lset Scheme Setup
(4,3) L20099	Lsam Screen Program
(4,4) L20301	Regi Registration Of A Commitment Loan
(4,5) L20308	Cfem Screen Driver
(4,6) L20309	Commitment Waive Reverse Waive Fee
(4,7) L20381	Commitment Participation Waive Fee
(5,2) L20611	Post Of Captured Transaction
(5,3) L20710	Backdate Repost Of Participation
(5,4) L20711	Participation Before Post Repost
(5,5) L20715	Participation Lgen Real Time Post Driver
(5,6) Related Program: L10125	Participation History Recap Program
(6,1) 10097	Scheme Information History (HDB LLCAMS)
(6,2) 10406	Billing History Information Data Group (HDB LLCAMS)
(6,3) 10410	CLS History Average Billing Rate Data (HDB LLCAMS)
(6,4) 10413	As Earned Ins Per Diem History (HDB LLCASS)
(6,5) 10420	Combine Billing Information HDB (HDB ILPCMBL)
(6,6) 10421	Combine Billing Invoice (HDB ILPCBDT)
(6,7) 10430	Prt Finance Trxn Base Datagroup (HDB PRTATF)
(7,1) 10433	History Transaction Amount (HDB LLPYSS)
(7,2) 10434	Participation History Rate Change (HDB PRTATF)
(7,3) 10443	Commitment Participation Rate (HDB LLPYSS)
(7,4) 10450	CLS Finance Trxn Base Datagroup Commit (HDB CMTATF)
(7,5) 10461	History Transaction Amount (HDB CMTATF)
(7,6) 10462	History Rate Change Commit (HDB CMTATF)
(7,7) 10463	Transaction Description Commit (HDB CMTATF)
(8,1) 10470	Pending Ins Disbursements (HDB LLCLSS)
(8,2) 10480	Dealer History Base Data Group (HDB DLRATF)
(8,3) 10486	Scheme Demographics Datagroup (HDB LLCSMS)
(8,4) 10489	Cashback Details (HDB CLSSERV)
(8,5) 10490	Participation Report Data (HDB LLCPMS)
(8,6) 10499	Clsserv Loan Sold Datagroup (HDB LLCSMS)
(8,7) 10500	Participation Key Datagroup (HDB CLSPART)
(9,1) 10501	Loan Service Key (HDB LLCSMS)
(9,2) 10502	Code And Demographic (HDB LLCSSS)
(9,3) 10504	Rest Assumption Reneg Debt Re (HDB CLSSERV)
(9,4) 10506	Billing Information Data Group (HDB LLCSSS)

(9,5) 10508	Balance Act Information (HDB CLSSERV)
(9,6) 10509	Rate Fee Datagroup (HDB LLCSMS)
(9,7) 10510	Rate Modifiers Datagroup (HDB LLCSSS)
(10,1) 10512	Participation Sale Information Datagroup (HDB CLSPART)
(10,2) 10513	Participation Rate Fee (HDB LLCPMS)
(10,3) 10520	Consumer Demographic (HDB CLSSERV)
(10,4) 10522	Participation Premium Discount (HDB LLCPSS)
(10,5) 10525	Pending Change Datagroup (HDB LLCSMS)
(10,6) 10526	Commitment Rate And Fee (HDB CLSCOMM)
(10,7) 10529	Lender Ins Guarantee (HDB LLCSMS)
(11,1) 10530	Commitment Key Data Group (HDB CLSCOMM)
(11,2) 10531	Commitment Demogr Datagroup (HDB CLSCOMM)
(11,3) 10534	Commitment Delinquent Data Gr (HDB CLSCOMM)
(11,4) 10535	Commit Billing Datagroup (HDB CLSCOMM)
(11,5) 10537	Commitment Balance Data Group (HDB CLSCOMM)
(11,6) 10541	Comm Participation Sale Information (HDB LLCPMS)
(11,7) 10542	Comm Participation Rate Data (HDB LLCPSS)
(12,1) 10545	Charge Off Information Datagroup (HDB LLCSMS)
(12,2) 10550	CLS Finance Trxn Base Datagroup (HDB LLCASS)
(12,3) 10558	Extension Due Date Change History (HDB LLCAMS)
(12,4) 10559	Capitalization (HDB LLCSSS)
(12,5) 10561	History Transaction Amount (HDB LLCAMS)
(12,6) 10562	History Rate Change (HDB CLSATF)
(12,7) 10563	Transaction Description (HDB LLCAMS)
(13,1) 10564	Reserve Disburse History Datagroup (HDB LLCASS)
(13,2) 10566	Fee Data Group (HDB CLSSERV)
(13,3) 10571	Guarantee Insttn Totals Database Datagroup (HDB CLSSLGI)
(13,4) 10575	Interest Rate Limits (HDB LLCSSS)
(13,5) 10581	CLS Prepayments (HDB LLCSSS)
(13,6) 10584	Reserve Deposits (HDB LLCSMS)
(13,7) 10585	Mortgage Demographic (HDB CLSSERV)
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Key Databases

- Review contents of
 - HDB CLSSERV Loan Servicing
 - HDB CLSATF - Transaction History

HDB CLSATF

Datagroup 10550 CLS Finance Trxn Base Datagroup
Datagroup 10551 Transaction History Post Spread
Datagroup 10552 History Balance Activity
Datagroup 10561 History Transaction Amount
Datagroup 10563 Transaction Description
Datagroup 10564 Reserve Disburse History Datagroup
Datagroup 10574 CLS Reserve Balance History
Datagroup 10562 History Rate Change
Datagroup 10555 Rate History Datagroup
Datagroup 10572 Rate Modifiers History Datagroup
Datagroup 10556 History For Interest Rate Limi
Datagroup 10577 Additional Rate Tiers History
Datagroup 10088 Rate Reduction History Datagroup
Datagroup 10558 Extension Due Date Change History
Datagroup 10405 Delinquency History Information Date
Datagroup 10406 Billing History Information Data Group
Datagroup 10407 History Other Billing
Datagroup 10408 CLS History Prepayments
Datagroup 10409 CLS History Flip Data
Datagroup 10410 CLS History Average Billing Rate Data
Datagroup 10411 CLS History Average Billing Statement Data
Datagroup 10413 As Earned Ins Per Diem History
Datagroup 10414 Code And Demographic History
Datagroup 10553 Fiscal Year End Balance
Datagroup 10466 Fee Data Group
Datagroup 10412 Captz History
Datagroup 10021 History Loan Payment Mods

Datagroup 10076 History Payment Limits Datagroup
Datagroup 10077 History Insurance Datagroup
Datagroup 10080 History Insured Borrowers
Datagroup 10079 History Automatic Payments
Datagroup 10081 Charge Off Information Datagroup
Datagroup 10497 International Use History
Datagroup 10498 User Data History
Datagroup 10092 Split Billing History Information Data
Datagroup 10093 Split Billing History Autopay Data
Datagroup 10094 Financial History Supplementar
Datagroup 10097 Scheme Information History
Datagroup 10098 Scheme Lxf History Datagroup
Datagroup 10096 Financial Transaction History
Datagroup 10089 Cashback Details History
Datagroup 10416 Payoff Quote Additional Information
Datagroup 10417 Original Currency History Datagroup
Datagroup 10417 Original Currency History Datagroup
Datagroup 10589 IDS Cross Application Data Gro
Datagroup 10099 History Loans Sold Datagroup
Datagroup 10009 History Accrual Change
Datagroup 10017 History Dealer Reserve Copy
Datagroup 10018 History Recourse Datagroup Copy Of

HDB CLSSERV
Datagroup 10501 Loan Service Key
Datagroup 10502 Code And Demographic
Datagroup 10507 Commit Pointer Datagroup
Datagroup 10508 Balance Act Information
Datagroup 10516 Student Loan Information Datagroup
Datagroup 10517 Dealer Reserve
Datagroup 10518 Dealer Recourse
Datagroup 10520 Consumer Demographic
Datagroup 10524 Discount Premium Datagroup
Datagroup 10528 Beneficiary Demand Stmts
Datagroup 10529 Lender Ins Guarantee
Datagroup 10548 CLS All Inclusive Td
Datagroup 10584 Reserve Deposits
Datagroup 10585 Mortgage Demographic
Datagroup 10587 CLS Govt Subsidy Datagroup
Datagroup 10505 Delinquency Information Data Group
Datagroup 10545 Charge Off Information Datagroup
Datagroup 10569 Loan Prepayment Penalty
Datagroup 10596 International Use
Datagroup 10597 International Use
Datagroup 10598 User Data
Datagroup 10503 CLS Loan Exception Datagroup
Datagroup 10504 Rcest Assumption Reneg Debt Re
Datagroup 10506 Billing Information Data Group
Datagroup 10527 Automatic Payments
Datagroup 10509 Rate Fee Datagroup
Datagroup 10510 Rate Modifiers Datagroup
Datagroup 10575 Interest Rate Limits
Datagroup 10580 Additional Rate Tiers Datagroup
Datagroup 10488 Loan Rate Reduction HDB Datagroup
Datagroup 10511 Collateral Pointer

Datagroup 10515 LPS Insurance Data Datagroup
 Datagroup 10578 Clsserv Insured Borrowers
 Datagroup 10519 Clsserv Indirect Liability
 Datagroup 10521 Loan Payment Mods
 Datagroup 10523 Other Billing Datagroup
 Datagroup 10525 Pending Change Datagroup
 Datagroup 10566 Fee Data Group
 Datagroup 10568 Loan Buydown Datagroup
 Datagroup 10576 Payment Limits Datagroup
 Datagroup 10581 CLS Prepayments
 Datagroup 10583 CLS Sale Pending Datagroup
 Datagroup 10557 Flip Automatic Payment Informa
 Datagroup 10557 Flip Automatic Payment Informa
 Datagroup 10499 Clsserv Loan Sold Datagroup
 Datagroup 10402 L10402 Loan Collection Delinqu
 Datagroup 10549 CLS Flip Loan Datagroup
 Datagroup 10547 Fiscal Year End Balance
 Datagroup 10559 Capitalization
 Datagroup 10415 Fund Transfer Data
 Datagroup 30096 Loan Service Float Details
 Datagroup 10489 Cashback Details
 Datagroup 10492 Split Billing Information Data Gr
 Datagroup 10493 Split Billing Autopay Data Group
 Datagroup 10486 Scheme Demographics Datagroup
 Datagroup 10487 LPS Scheme Demographics Datagroup
 Datagroup 10425 Loans Cost Of Fund

An Online Monetary Transaction Flow

10250 CLS \$ Post Screen Post Screen						
CLSAADV	CLSANB	CLSANPT	CLSAFFT	CLSAPOST	CLSBNF	CLSBPWA
10250	1618	17459	210682	210800		
		10000	10250	1307	13599	1452
	17008	17013	17063	17654	220814	29810
	8012					
	10601	10602	10608	10650	10669	10684
	17210	21600	29809			
147012	129935	L29900	L50008	L50010	L50013	L50005
10109	10299					

Objects: (row, column)6/11/2003 1:18:15 PM

- (1,1) CLSADVD CLS Allocate Spread
- (1,2) CLSANBA CLS Adjustment Accrual Not Billed
- (1,3) CLSANPT CLS Allocate Payment No Participation
- (1,4) CLSAPPT CLS Allocate Participation Payment Spread
- (1,5) CLSAPST CLS Allocate Spread
- (1,6) CLSBNPA CLS Adjustment Billed Not Paid
- (1,7) CLSBPWA Backup Withholding Adjustment
- (2,1) L10250 CLS \$ Post Screen Post Screen
- (2,2) PCD: 1618 T50918D SPS Report Flags
- (2,3) 17459 Post Transaction Code PCD
- (2,4) 210682 PCD 210682 Capitalization De
- (2,5) 210800 ILP IRS Identifiable Event
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) 10000 LPS Global Screen Datagroup
- (3,4) 10250 Finance Transaction Post Wk
- (3,5) Datagroup: 1301 T58551D CCP PCD Master
- (3,6) Datagroup: 13589 I53589D FPS Comm Comunic Datagroup
- (3,7) Datagroup: 1452 I57101D PCD Control Block
- (4,2) 17008 LPS Date Edit Work
- (4,3) 17013 LPS Loan Number Work
- (4,4) 17063 History Work Area
- (4,5) 17654 Participation Pay Spread Wk
- (4,6) 220814 Capitalization Notice Work Datagroup
- (4,7) 29810 LPS Internal Transaction Extend
- (5,2) 8012 Deposit Enviroment Work
- (6,2) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (6,3) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (6,4) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
- (6,5) 10550 CLS Finance Transaction Base Datagroup (HDB CLSATF LLCAMS LLCASS)
- (6,6) 10569 Loan Prepayment Penalty (HDB CLSSERV LLCSMS LLCSSS)
- (6,7) 10584 Reserve Deposits (HDB CLSSERV LLCSMS LLCSSS)
- (7,2) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (7,3) 27500 Borrower Base Datagroup (HDB BORMAST)
- (7,4) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI
L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800
SFTO802 SFTS210)
- (8,1) I47012 Deposit Get Product Environment
- (8,2) L29935 INIT Extension Datagroup 29810
- (8,3) L29960 Check Environment
- (8,4) L50008 LPS Simple Date Edit
- (8,5) L50010 Environment Driver
- (8,6) L50013 Get Product Code
- (8,7) L50505 Write O L Transaction HDB Lpstxn
- (9,1) 10109 Add Exception Audit Report
- (9,2) 10299 Implode Report Lr10299 Cplzn Charge Notice



Notice About a Monetary Screen Processing Program

- May be called by many FPS Scenarios
- Access PCD 17459 to determine transaction code

The Environment Driver



Objects: (row, column) 7/11/2003 11:32:46 AM

(1,1)	CLSPRAP	Participation History Recap Screen
(1,2)	CLSPSET	CLS Participation Float Rate
(1,3)	CLSLBNK	Loans Put In Bankruptcy Request
(1,4)	CLSRBNK	Loans Out Of Bankruptcy Request
(1,5)	CLSCRCH	CLS Commitment Rate Change Transaction
(1,6)	CLSCSET	Select Commitment Setup
(1,7)	CLSADVD	CLS Allocate Spread
(2,1)	L10125	Participation History Recap Program
(2,2)	L10220	Participation Sold
(2,3)	L10224	Loan Bankruptcy Status Change
(2,5)	L10236	Commitment Rate Change Program
(2,6)	L10240	Commitment Profile
(2,7)	L10250	CLS \$ Post Screen Post Screen
(3,1)	L50010	Environment Driver
(3,2)	17413	Finance Transaction Processing PCD
(3,3)	17470	LPS Env Driver PCD
(3,4)	8007	Dep PCD Data For 24 Hour Processing
(3,5)	8018	Dep PCD Data
(4,2)	Datagroup: 1	P49000D User TCB
(4,3)	Datagroup: 1452	I57101D PCD Control Block
(4,4)	17012	Environment Driver Wk Datagroup
(4,5)	17013	LPS Loan Number Work
(4,6)	17091	LPS Cond Code Pre Processing
(4,7)	17735	Loan Date INIT
(5,2)	29810	LPS Internal Transaction Extend
(5,3)	8012	Dep Environment Work
(6,2)	17210	LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
(6,3)	20100	Cross Reference Key Data Group (HDB LXF)
(6,4)	29809	LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
(7,1)	I47012	Dep Get Product Environment
(7,2)	L29935	INIT Extension Datagroup 29810
(7,3)	L50011	Real Time Post Dr
(7,4)	L50013	Get Product Code
(7,5)	L50019	Real Time Igen Post
(7,6)	L50021	LPS Get Transaction Criteria Table
(7,7)	L50023	Real Time Dealer Post
(8,1)	L50044	Memo Post On Line
(8,2)	L50124	LPS Post Report Request
(8,3)	L50133	New Loan Transfer Non Monet Post Driver
(8,4)	L50258	Commitment Igen Post Driver
(8,5)	L50350	Commitment Participation Real Time Processing Driver
(8,6)	L50407	Maintenance INIT For Loan
(8,7)	L50422	Commitment Post Driver
(9,1)	L50587	Commitment Participation Real Time Igen Post
(9,2)	L50600	Cupn Req Transaction Check
(9,3)	L50622	Participation Post Driver
(9,4)	L50625	Participation Igen Real T Criver



Notice About the Environment Driver

- Called by host of Online screen processors
- Driven by PCD 17470
 - Key defaults to type of transaction
- Multiple Drivers can be called
 - L50011 (1=Real-time post)
 - L50044 (2=Standard memo post)
 - others

Real Time Posting Driver

Browser Diagrammer - Focused on L50011 - Real Time Post Dr						
	L10125	L10220	L10222	L10224	L10236	L10240
LT2040	L50010					
L50011	CLSATF	CLSDLR	CLSSERV	LLCAMS	LLCASS	LLDSMS
LLCSMS						
L10EXPI	L10EXPO	RPNLOUT				
17966	17407	17419	17444	17471	17473	
17476	17490					
F388000	F38810	F38820	L10091	L10092	L10093	L10094
L10620	L12056	L12066	L17165	L20041	L20686	L20711
L20714	L20715	L20716	L20793	L20887	L29600	L29638
L29674	L29675	L29701	L29866	L29886	L29900	L29954
L29959	L29987	L29990	L32096	L32099	L32105	L50007
L50014	L50015	L50018	L50019	L50021	L50042	L50060

Objects: (row, column) 7/11/2003 11:35:36 AM

(1,1) CLSRPRT Reprint Rebill Inquiry Screen
 (1,2) L10125 Participation History Recap Program
 (1,3) L10220 Participation Sold
 (1,4) L10222 Participation Profile
 (1,5) L10224 Loan Bankruptcy Status Change
 (1,6) L10236 Commitment Rate Change Program
 (1,7) L10240 Commitment Profile
 (2,1) L12040 Reprint Rebill Billing Statement
 (2,2) L50010 Environment Driver
 (3,1) L50011 Real Time Post Dr
 (3,2) CLSATF Loan Service Data Base
 (3,3) CLSDLR CLS Dealer Data Base
 (3,4) CLSSERV Loan Service Data Base
 (3,5) LLCAMS CLS Transaction History Data Base
 (3,6) LLCASS CLS Transaction History Data Base
 (3,7) LLCSMS Loan Service Data Base
 (4,2) LLCSSS Loan Service Data Base
 (5,2) L10EXPI 17210 Transaction Input
 (5,3) L10EXPO Transaction Output In 17210 Format
 (5,4)
 (6,2) 17355 IRS 1098 Report Control Option
 (6,3) 17407 Product Code PCD
 (6,4) 17413 Finance Transaction Processing PCD
 (6,5) 17444 LPS Accrual Calculation PCD
 (6,6) 17471 LPS Post Sequence
 (6,7) 17473 Lending Policy PCD
 (7,2) 17476 LPS Batch Loan Processing
 (7,3) 17490 Dealer Reserve Type PCD
 (8,1) F38000 Standard Interface Routing
 (8,2) F38910 Retrieve Event Broadcast Control Flag
 (8,3) F38920 EBS Event Broadcast Driver Program
 (8,4) L10091 Recast Payoff After Post Controller
 (8,5) L10092 Recast Reversal After Post Controller
 (8,6) L10093 Recast Reversal After Post Controller
 (8,7) L10364 After Post Controller For Demand Call
 (9,1) L10620 After Post Activity For Insurance Cancel
 (9,2) L12055 Checkpoint Delete Program
 (9,3) L12056 Oldck Check Point Delete Program
 (9,4) L17165 Update Los And Loi Databases
 (9,5) L20041 Split Billing Table Build
 (9,6) L20566 Loan Fee Tabling Program
 (9,7) L20711 Participation Before Post Repost
 (10,1) L20714 Prt Before Post Accrual For Lgen
 (10,2) L20715 Participation Lgen Real Time Post Driver
 (10,3) L20716 Participation After Post Accrual For Lgen
 (10,4) L20793 Schemes Tabling Program
 (10,5) L20837 Cashback Revoked Processing
 (10,6) L29600 Loan Interface To OCS Through SIM Or SDB
 (10,7) L29638 Layered Rate Change Calculator
 (11,1) L29674 Data Gathering Post Program
 (11,2) L29676 Add Erase Clsrant
 (11,3) L29701 VAT Processing Switch Program
 (11,4) L29856 Loan Scheme Add Pre Post Edit
 (11,5) L29886 Scheme Transaction After Post Control
 (11,6) L29900 Format Sort Key For Dealer Transaction

(11,7) L29954	Calculation Available Balance For Loan Commitment
(12,1) L29959	ILP Monetary Transaction Pre Edit Program
(12,2) L29987	Split Billing Maintenance Post Controller
(12,3) L29990	Past Due Service Access Program
(12,4) L32096	Loan Scheme Add After Post Controller
(12,5) L32099	Scheme Transaction Edit Controller
(12,6) L32105	Scheme Exposures Update Program
(12,7) L50007	LPS Re Write Database HDB Clsserv
(13,1) L50014	Sv 10508 10512 10585 10560
(13,2) L50015	Read PCD 17474
(13,3) L50018	Update CLS Last Maintenance
(13,4) L50019	Real Time Igen Post
(13,5) L50021	LPS Get Transaction Criteria Table
(13,6) L50042	Non Accrual History Write
(13,7) L50060	Repost To Backdated Transaction Date



Notice About the Real Time Posting Driver

- Controlling PCDs
 - 17471 Posting Sequence
 - Key defaults to type of transaction
 - 17413 (and alternate views) Tran definition
- Key HDBs
 - CLSSERV - Loan Servicing
 - CLSATF - Transaction History
- Call of Repost for Backdated Transaction (L50060)



Typical Processes on PCD 17471

- Save Before Images (17014)
- Call Transaction Posting Driver (17410)
- Generate Report Data (17718)
- History Write (17157)
- Online Capture (17505)



Transaction Posting Processes

- Read Loan Record
- Build Billing Schedule Table (DG 10506)
- Accruals up to current date
- Rates and Fees Table built (DG 10509)
- Posting Activities (called Posting Sequence (PCD 17471))
- Relevant after-posting accruals
- Transaction generated if online tran brought balance to zero

The Transaction Driver



Objects: (row, column) 7/11/2003 11:38:58 AM

- (1,1) L12040 Reprint Rebill Billing Statement
- (1,2) L50010 Environment Driver
- (1,3) L50725 CLS Delinquency Process
- (1,4) L22067 Dealer Number Transfer Release Driver
- (1,5) L29728 ILP Backdate Billing Amount Calculation
- (1,6) L32100 XLS Batch Driver
- (1,7) L32102 XLS Disburse Payment Driver
- (2,1) L50011 Real Time Post Dr
- (2,4) L50019 Real Time Igen Post
- (3,1) L50410 LPS Transaction Driver
- (3,2) CLSSERV Loan Service Data Base
- (3,3) LLCSMS Loan Service Data Base
- (3,4) LLCSSS Loan Service Data Base
- (4,2) L10EXPI 17210 Transaction Input
- (4,3) L10EXPO Transaction Output In 17210 Format
- (4,4)
- (5,2) 17407 Product Code PCD
- (5,3) 17413 Finance Transaction Processing PCD
- (5,4) 17443 Membership Code PCD
- (7,1) L10083 Adjustment Minimum Interest Memo Bucket
- (7,2) L10255 Bankruptcy Or Removal Status Check
- (7,3) L10284 Ready Credit Status Check
- (7,4) L10363 After Post Controller For Demand Call
- (7,5) L10364 After Post Controller For Demand Call
- (7,6) L10374 After Post Controller For Escrow Obi
- (7,7) L10550 Ready Credit Line Amount Change
- (8,1) L10607 Billing Restructure Post

(8,2) L10608	Payment Post Edit Over A Billr
(8,3) L10612	After Post Activity For Insurance Cancel
(8,4) L12053	Restructure Payoff Program
(8,5) L12054	Restructure Setup Post Program
(8,6) L12055	Checkpoint Delete Program
(8,7) L12058	Post Assumption Setup Program
(9,1) L12059	Conversion Check Point Test Program
(9,2) L12060	Chg Foreclosure Date Post
(9,3) L12071	Recast Payoff Reversal Program
(9,4) L12072	Post Program For Refund Of Unapplied To Borrower
(9,5) L12074	Rnew Rstr Payoff Reversal Program
(9,6) L12078	Recast Reversal Pre Post Controller
(9,7) L12612	Capitalization Post Controller
(10,1) L17166	Float Indicator Post
(10,2) L20721	Post Controller For Dormant Account
(10,3) L20727	Partial Charge Off Transaction Driver Program
(10,4) L20748	Fee Post Program
(10,5) L20781	Capitalization Pre Post Controller
(10,6) L20823	Renewal Notice Program
(10,7) L20832	Insurnace Renewal On Poa
(11,1) L20834	Insurance Renewal On Poa
(11,2) L20887	Post Cure Transaction
(11,3) L20888	Post Lmfm Transaction
(11,4) L22034	Build L10509d Insurance
(11,5) L22064	Dealer Number Change Post Controller
(11,6) L28250	Pdi Disburse Interface
(11,7) L28251	Tax Inquiry Interface
(12,1) L29040	Adjustment W061 Accrual Table On Anba Revr
(12,2) L29100	Minimum Billing Advance Due Date Transaction Post
(12,3) L29101	Close LOC And Activate Payout Schedule
(12,4) L29102	Activate Maturity Schedule
(12,5) L29603	Credit Adjustment Escrow Int Paid Advance Balance
(12,6) L29604	Dr Adjustment Escrow Int Paid Advance Balance
(12,7) L29607	Credit Adjustment Escrow Int Paid RSV Balance
(13,1) L29608	Dr Adjustment Escrow Int Paid RSV Balance
(13,2) L29609	Refund Escrow RSV Int Withholding Driver
(13,3) L29612	ILP Billing Maintenance Set Up Post Contolle
(13,4) L29613	Credit Adjustment Accrual Not Billed Transaction
(13,5) L29620	Full Discharge Prepost Controller
(13,6) L29623	Full Discharge After Post Controller
(13,7) L29624	Partial Discharged Prepost Controller



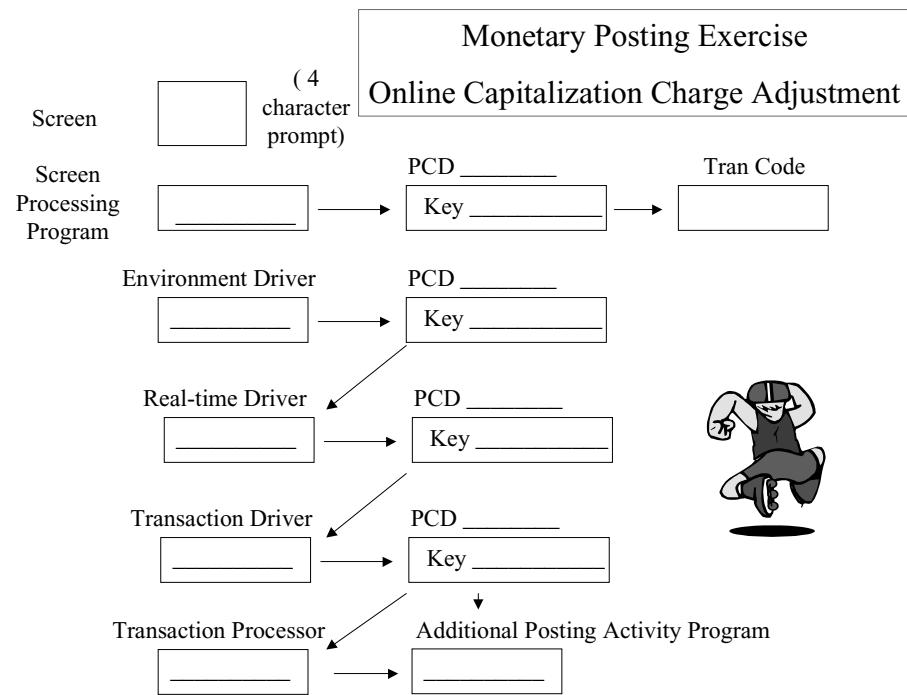
Notice About the Transaction Driver

- Calls host of specific transaction processors
- Use of PCD 17413 and alternate views to control
- Where specific posting processor is set



Exercise

- An online loan capitalization charge adjustment transaction was entered to post real time.
- Please complete the chart which follows.



Posting Tables



Posting Tables

- Information Derived from Loan Prior to Posting
 - Billing Schedule Table (DG 17565)
 - Accruals Table (DG 17670)
 - Delinquency Table (DG 17633)
 - Prepayment Table (DG 17664)
 - Participation Key Table (DG 17654)
- Table built during Posting
 - General Ledger Table (DG 17564)

Real Time Posting Driver (with Work Datagroups)

The screenshot shows a software interface titled "Real Time Posting Driver". The main area displays a grid of data with columns labeled L10125, L10220, L10222, L10224, L10236, and L10240. The rows are labeled with codes such as L50011, L50010, 17355, 17407, 17413, 17444, 17471, 17473, 17476, 17490, 17452, 17012, 17014, 17031, 17061, 17062, 17069, 17070, 17071, 17072, 17082, 17083, 17091, 17093, 17211, 17213, 17219, 17313, 17568, 17565, 17568, 17633, 17640, 17664, 17670, 17671, 17673, 17700, 29007, 210400, 220041, 220042, 220048, 220668, 220704, 220742, 220792, 220793, 220795, 28800, 29564, 29600, 29810, 29988, 29990, 29992, 3430, and 58001. The interface includes standard Windows-style buttons for Close, Minimize, and Zoom.

CLSRPRT	L10125	L10220	L10222	L10224	L10236	L10240
L12040	L50010					
L50011	17355	17407	17413	17444	17471	17473
	17476	17490	17452	17012	17014	17031
	17062	17069	17070	17071	17072	17082
	17083	17091	17093	17211	17213	17219
	17313	17568	17565	17568	17633	17640
	17664	17670	17671	17673	17700	29007
	210400	220041	220042	220048	220668	220704
	220742	220792	220793	220795	28800	29564
	29600	29810	29988	29990	29992	3430
	58001					

Objects: (row, column)3/24/2003 11:30:14 AM

(1,1)	CLSRPRT	Reprint Rebill Inquiry Screen
(1,2)	L10125	Participation History Recap Program
(1,3)	L10220	Participation Sold
(1,4)	L10222	Participation Profile
(1,5)	L10224	Loan Bankruptcy Status Change
(1,6)	L10236	Commitment Rate Change Program
(1,7)	L10240	Commitment Profile
(2,1)	L12040	Reprint Rebill Billing Statement
(2,2)	L50010	Environment Driver
(3,1)	L50011	Real Time Post Dr
(3,2)	17355	IRS 1098 Report Control Option
(3,3)	17407	Product Code PCD
(3,4)	17413	Finance Transaction Processing PCD
(3,5)	17444	LPS Accrual Calculation PCD
(3,6)	17471	LPS Post Sequence
(3,7)	17473	Lending Policy PCD
(4,2)	17476	LPS Batch Loan Processing
(4,3)	17490	Dealer Reserve Type PCD
(5,2)	Datagroup: 1	P49000D User TCB
(5,3)	Datagroup: 1452	I57101D PCD Control Block
(5,4)	17012	Envrmnt Driver Wk Datagroup
(5,5)	17014	Balance Act Save
(5,6)	17031	Save PCD 17413 Datagroup
(5,7)	17061	Save Rate Fee Datagroup
(6,2)	17062	Work Rate Fee Datagroup
(6,3)	17063	History Work Area
(6,4)	17070	Demographic Code Save
(6,5)	17071	Save Balance Activity
(6,6)	17072	Rate Table Save
(6,7)	17082	Save Delinquency Data Group
(7,2)	17083	Save Past Due Data Group
(7,3)	17091	LPS Cond Code Pre Processing
(7,4)	17093	Addon Intr Work Datagroup
(7,5)	17211	Save Int Transaction Datagroup
(7,6)	17213	Second Save Internal Transaction Datagroup
(7,7)	17219	Repost Work Datagroup
(8,2)	17313	Storage Of Datagroups For Nested Transaction
(8,3)	17558	As Earned Ins Premium Accrual Work
(8,4)	17565	Billing Shed Wk Datagroup
(8,5)	17568	Billing Shed Wk Datagroup
(8,6)	17633	Delinquent Work Datagroup
(8,7)	17640	Ppst Post Wk Datagroup
(9,2)	17664	Prepayment Wk Table
(9,3)	17670	Rate Fee Table Datagroup
(9,4)	17671	Accruals Dates Work
(9,5)	17673	Accrual Work Datagroup
(9,6)	17700	LPS Batch Work
(9,7)	Datagroup: 2000	T58001D Date Control Block
(10,2)	210400	Reprint Rebill Screen Work Datagroup
(10,3)	220041	Split Billing Table Data Group
(10,4)	220042	Split Table Work Data Group
(10,5)	220048	Exception Work Table
(10,6)	220566	Loan Fee Table Data Group

(10,7) 220704	Participation Repost Work Datagroup
(11,2) 220742	ILP Event Broadcast Control Fl
(11,3) 220792	Scheme Save Table Work Data Gr
(11,4) 220793	Scheme Table Work Data Group
(11,5) 220795	Scheme Save Table Work Datagroup
(11,6) 28800	SIM Interface Datagroup For Zoning
(11,7) 29564	Post Spread Work
(12,2) 29600	Loans Interface To OCS Program L29
(12,3) 29810	LPS Internal Transaction Exten
(12,4) 29986	Split Billing Borpts Update Datagroup
(12,5) 29990	Past Due Service Access Work
(12,6) 29992	Calculation Available Balance Work Datagroup
(12,7) 3430	Name Address Work Area
(13,2) 38001	Standard Interface Control Table



Notice About Posting Tables

- Created by Programs called by Posting Driver
- Except General Ledger table built by Post-Controller Program
- Table size limitations
- Crucial nature of data
- Performance purpose of tables

Example - Call to Build Participation Spread Table



Objects: (row, column) 3/24/2003 11:58:53 AM

- (1,1) CLSPSET CLS Participation Float Rate
- (1,2) L12040 Reprint Rebill Billing Statement
- (1,3) L50010 Environment Driver
- (1,4) L50725 CLS Delinquency Process
- (1,5) L50019 Real Time Igen Post
- (1,6) L50133 New Loan Transfer Non Monet Post Driver
- (1,7) L50497 Prepayment Delqnt Imbedd Transaction Driver
- (2,1) L10220 Participation Sold
- (2,2) L50011 Real Time Post Dr
- (2,5) L50654 Participation Pay Spread
- (3,1) L50655 Participation Pay Spread
- (3,2) 17413 Finance Transaction Processing PCD
- (3,3) 17452 Participation Sold PCD Deflt
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) 17654 Participation Pay Spread Wk
- (5,2) 10500 Participation Key Datagroup (HDB CLSPART LLCPMS LLCPSS)
- (5,3) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (5,4) 10512 Participation Sale Information Datagroup (HDB CLSPART LLCPMS LLCPSS)
- (5,5) 17210 LPS Internal Transaction

W565 Billing Schedule Table

```

L50565D
*
*   BILLING SCHEDULE TABLE WORK DATA GROUP
*   COBOL COPY BOOK    L50565D
*   DATA GROUP ID      17565
*   ELEMENT PREFIX     LCL
*   DATA GROUP TYPE    WORK
*   PARENT DATA GROUP  N/A
*   NOTE - IF THIS DATA GROUP IS CHANGED ALSO CHANGE
*         L50568D AND L29565D.
01 W565-BILL-SCHED-TABLE-DG
*
05 W565-ACTION-L50565D      PIC XX
05 W565-RESULT-L50565D      PIC XX
05 W565-NBR-TABLE-ENTRIES   PIC S9(3)  COMP-3
05 W565-CTR1                PIC S9(3)  COMP-3
05 W565-CTR2                PIC S9(3)  COMP-3
05 W565-WORK-AMT1           PIC S9(9)V99 COMP-3
05 W565-WORK-AMT2           PIC S9(9)V99 COMP-3
05 W565-PREV-LOAN           PIC X(23)
05 W565-TABLE-ENTRY          OCCURS 20 TIMES
                                INDEXED BY W565-INDEX
10 W565-L10506D-ENTRY
    15 W565-ACTION-L10506D    PIC X(2)
    15 W565-RESULT-L10506D    PIC X(2)
    15 W565-BILLING-KEY
        20 W565-SCHD-TYPE    PIC X(3)
        20 W565-START-DT      PIC 9(7)  COMP-3
    15 W565-BILLING-DATA    PIC X(452)
10 W565-LBL-COPY REDEFINES W565-L10506D-ENTRY
    15 FILLER                 PIC X(4)
    15 W565-SCHEDULE-TYPE   PIC X(3)
        88 W565-BILLING-TYPE-LEVEL  VALUE 'LVL'
        88 W565-BILLING-TYPE-INTEREST  VALUE 'INT'
        88 W565-BILLING-TYPE-PRINCIPAL  VALUE 'PRN'
        88 W565-BILLING-TYPE-P-I    VALUE 'PAI'
        88 W565-BILLING-TYPE-FINAL   VALUE 'MAT'
        88 W565-BILLING-TYPE-FIXED   VALUE 'FIX'
        88 W565-BILLING-TYPE-TIERED  VALUE 'TIR'
        88 W565-BILLING-TYPE-EXTEN   VALUE 'EXT'
        88 W565-BILLING-TYPE-PERCENT  VALUE 'PCT'
        88 W565-BILLING-TYPE-LCP    VALUE 'LCP'
        88 W565-BILLING-TYPE-ICP    VALUE 'ICP'
        88 W565-BILLING-TYPE-FEE    VALUE 'FEE'
        88 W565-BILLING-TYPE-HEL    VALUE 'HEL'
        88 W565-BILLING-TYPE-RPI    VALUE 'RPI'
        88 W565-BILLING-TYPE-SPE    VALUE 'SPE'
    15 W565-BILLING-START-DT  PIC 9(7)  COMP-3
    15 W565-BILLING-INFORMATION
        20 W565-PRIM-SCHED-IND  PIC X(01)
        20 W565-BILLING-PRD     PIC X(01)
            88 W565-BILL-PRD-DAILY  VALUE 'D'
            88 W565-BILL-PRD-MONTHLY  VALUE 'M'

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    88 W565-BILL-PRD-SEMI-MO VALUE 'S'
    88 W565-BILL-PRD-WEEKLY VALUE 'W'
  20 W565-BILLING-FREQUENCY PIC 9(3)  COMP-3
    88 W565-1ST-15TH   VALUE 1
    88 W565-15TH-EOM   VALUE 15
  20 W565-BILLING-METHOD  PIC X(1)
    88 W565-BILLING-METHOD-ACH  VALUES
      'A' 'B' 'G' 'H' 'Y' 'Z'
    88 W565-BILLING-METHOD-ACH-PRE VALUE 'B'
    88 W565-BILLING-METHOD-COUPON VALUE 'C'
    88 W565-BILLING-METHOD-DDA-TDA VALUES
      'D' 'E' 'J' 'K' 'L' 'M'
    88 W565-BILLING-MTHD-DDA-TDA-PRE
      VALUE 'E'
    88 W565-BILLING-METHOD-FLIP  VALUE 'F'
    88 W565-BILLING-METHOD-DETAIL VALUE 'I'
    88 W565-BILLING-METHOD-STMT  VALUE 'S'
  20 W565-NO-OF-PAYMENTS PIC S9(05)  COMP-3
  20 W565-NO-REMAINING-PAYMENTS PIC S9(05) COMP-3
  20 W565-PRE-BILL-DAYS  PIC 9(3)  COMP-3
  20 W565-EOM-IND    PIC X(01)
    88 W565-EOM-NO     VALUE 'N'
    88 W565-EOM-YES    VALUE 'Y'
  20 W565-BILL-DAY    PIC 99
  20 W565-COMBINE-NUMBER PIC 9(7)  COMP-3
  20 W565-BILLING-BORROWER PIC X(23)
  20 W565-SKIP-MONTHS OCCURS 12 TIMES
    INDEXED BY W565-SKIP-IDX
    25 W565-NO-MONTHS-SKIP  PIC 9(3) COMP-3
  20 W565-AMT-PYMT    PIC S9(9)V99  COMP-3
  20 W565-PYMT-PCT    PIC 9V9(6)  COMP-3
  20 W565-ODD-PYMT-AMT PIC S9(9)V99  COMP-3
  20 W565-BILLING-END-DT PIC 9(7)  COMP-3
  20 W565-CURR-DUE-DT  PIC 9(7)  COMP-3
  20 W565-NXT-PYMT-DUE-DT PIC 9(7)  COMP-3
  20 W565-OLDEST-DUE-DT PIC 9(7)  COMP-3
  20 W565-CURR-BILL-PROD-DT PIC 9(7)  COMP-3
  20 W565-PRIOR-BILL-PROD-DT PIC 9(7)  COMP-3
  20 W565-COUPON-BOOK-INFO
    25 W565-NBR-CUPNS-LAST-REQ PIC 9(3) COMP-3
    25 W565-NXT-CUPN-REQ-DT  PIC 9(7) COMP-3
  15 W565-BILLING-SVC-INFO
    20 W565-BILLING-MAINT-IND PIC X(1)
      88 W565-BILL-MAINT-YES  VALUE 'Y'
      88 W565-BILL-MAINT-NO   VALUE 'N' ''
    20 W565-NEG-AMTZN-ALLOWED PIC X(1)
      88 W565-ALLOW-NEGZ-NO   VALUE ' ' 'N'
      88 W565-ALLOW-NEGZ-YES  VALUE 'Y'
    20 W565-NEG-AMTZN-AMT  PIC S9(9)V99  COMP-3
    20 W565-NEG-AMTZN-DT   PIC 9(7)  COMP-3
* LAST BILL INFO
  15 W565-LAST-BILL-INFORMATION
    20 W565-PRIN-LAST-BILLED PIC S9(9)V99  COMP-3
    20 W565-INT-LAST-BILLED PIC S9(7)V99  COMP-3
    20 W565-FEES-LAST-BILLED PIC S9(7)V99  COMP-3

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20 W565-INSURANCE-LAST-BILLED PIC S9(7)V99
      COMP-3
20 W565-ESCROW-RES-LAST-BILLED PIC S9(7)V99
20 W565-OBI-LAST-BILLED OCCURS 8 TIMES
      INDEXED BY W565-INDEX2
25 W565-OBI-TYPE-LAST-BILL PIC X(3)
25 W565-OBI-CODE-LAST-BILL PIC X(2)
25 W565-OBI-SEQ-LAST-BILL PIC 9(3)
25 W565-OBI-AMT-LAST-BILL PIC S9(7)V99
20 W565-MIN-LAST-BILLED PIC S9(11)V99 COMP-3
20 W565-SCHD-LAST-BILLED PIC S9(11)V99 COMP-3
20 W565-AR-LAST-BILLED PIC S9(9)V99 COMP-3
20 W565-EXCESS-AMT-LAST-BILLED
      PIC S9(11)V99 COMP-3
20 W565-PREV-DUE-DT PIC 9(7) COMP-3
*   PREV BILL INFO
15 W565-PREV-BILL-INFORMATION
20 W565-PRIN-PREV-BILLED PIC S9(9)V99 COMP-3
20 W565-INT-PREV-BILLED PIC S9(7)V99 COMP-3
20 W565-FEES-PREV-BILLED PIC S9(7)V99 COMP-3
20 W565-INSURANCE-PREV-BILLED PIC S9(7)V99
20 W565-ESCROW-RES-PREV-BILLED PIC S9(7)V99
20 W565-OBI-PREV-BILLED OCCURS 8 TIMES
      INDEXED BY W565-INDEX3
25 W565-OBI-TYPE-PREV-BILL PIC X(3)
25 W565-OBI-CODE-PREV-BILL PIC X(2)
25 W565-OBI-SEQ-PREV-BILL PIC 9(3)
25 W565-OBI-AMT-PREV-BILL PIC S9(7)V99
20 W565-MIN-PREV-BILLED PIC S9(11)V99 COMP-3
20 W565-SCHD-PREV-BILLED PIC S9(11)V99 COMP-3
20 W565-AR-PREV-BILLED PIC S9(9)V99 COMP-3
20 W565-EXCESS-AMT-PREV-BILLED
20 W565-PREV-PREV-DUE-DT PIC 9(7) COMP-3
15 W565-ADDNL-OFFERED-INFO
20 W565-ADDNL-OFFERED-IND PIC X(1)
88 W565-ADDNL-FIXED-BILLING VALUE 'A'
88 W565-CUST-OFFERED-BILLING VALUE 'C'
88 W565-OFFERED-BILLING VALUE 'O'
88 W565-ADDNL-OFFERED-VALID VALUES
      'A' 'C' 'O'
20 W565-ADDNL-OFFERED-AMT PIC S9(9)V99 COMP-3
15 W565-ARREARS-REPAY-INFO
20 W565-AR-AMT PIC S9(9)V99 COMP-3
20 W565-AR-START-DATE PIC 9(7) COMP-3
20 W565-AR-END-DATE PIC 9(7) COMP-3
* HERE IS THE DATA ASSOCIATED WITH THE 10523 DG'S
05 W565-523-TABLE-ENTRIES PIC S9(3) COMP-3
05 W565-523-CTR1 PIC S9(3) COMP-3
05 W565-523-CTR2 PIC S9(3) COMP-3
05 W565-523-WORK-AMT1 PIC S9(9)V99 COMP-3
05 W565-523-WORK-AMT2 PIC S9(9)V99 COMP-3
05 W565-523-TABLE-ENTRY OCCURS 20 TIMES
      INDEXED BY W565-523-NDX
10 W565-L10523D-ENTRY
15 W565-523-ACTION-L10523D PIC XX

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15 W565-523-RESULT-L10523D PIC XX
15 W565-523-BILLING-KEY
  20 W565-523-BILL-CODE PIC X(3)
  20 FILLER REDEFINES W565-523-BILL-CODE
    25 W565-523-BILL-CODE-1 PIC X(1)
      25 FILLER          PIC X(2)
    20 W565-523-CALC-CODE PIC X(2)
    20 W565-523-SEQ-NBR   PIC 9(3)   COMP-3
    20 W565-523-START-DT  PIC 9(7)   COMP-3
  15 W565-523-BILLING-DATA PIC X(42)
10 W565-523-OTHER-BILLING-DG REDEFINES
  W565-L10523D-ENTRY
15 FILLER          PIC X(4)
15 W565-523-OTHER-BILLING-KEY
  20 W565-523-LOB-BILLING-CODE PIC X(3)
  20 W565-523-CALCULATION-CODE PIC X(2)
  20 W565-523-SEQUENCE-NUMBER PIC 9(3)   COMP-3
  20 W565-523-BILLING-START-DT PIC 9(7)   COMP-3
15 W565-523-OTHER-BILLING-DATA
  20 W565-523-AMOUNT-PAYMENT   PIC S9(9)V99 COMP-3
  20 W565-523-FINAL-PYMT-AMT  PIC S9(9)V99 COMP-3
  20 W565-523-DT-BILLING-END  PIC 9(7)   COMP-3
  20 W565-523-BILL-AT-MATURITY PIC X
    88 W565-523-BILL-AT-MATURITY-YES VALUE 'Y'
    88 W565-523-BILL-AT-MATURITY-NO  VALUE 'N'
  20 W565-523-NO-OF-PAYMENTS    PIC S9(5)   COMP-3
  20 W565-523-NO-REMAINING-PAYMENTS PIC S9(5)   COMP-3
  20 FILLER          PIC X(19)
05 W565-LAST-BILLED-DATE   PIC S9(7)   COMP-3
05 W565-SORT-ONLY-INDICATOR PIC X(01)
05 W565-CONCURRENT-SCHED-IND PIC X(01)
  88 W565-CONCURRENT-SCHED-YES  VALUE 'Y'
  88 W565-CONCURRENT-SCHED-NO   VALUE 'N'
05 W565-PAYOUT-SCHEDULE-FOUND PIC X(01)
05 FILLER          PIC X(17)

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W670 Accruals Table

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L50670D
*Dgid 17670
*DCPY L50670D
*
*   RATES & FEES TABLE DATA GROUP
*     COBOL COPY BOOK  L50670D
*     DATA GROUP ID    17670
*     ELEMENT PREFIX   LPS
*     DATA GROUP TYPE  WORK
* NOTE: IF THE LENGTH OF THIS COPY BOOK CHANGES ALSO CHANGE
*     SAVE VERSIONS L50072D, L50677D, L50770D, L29670D
*     AND L50044D.
*
01 W670-RATES-AND-FEES-TABLE-DG
  05 W670-ACTION          PIC X(2)
  05 W670-RESULT          PIC X(2)

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05 W670-RATES-AND-FEES-TABLE
  10 W670-NUMBER-OF-ENTRIES      PIC S9(3)  COMP-3
  10 W670-CURRENT-ENTRY        PIC S9(3)  COMP-3
05 W670-TABLE-ENTRY          OCCURS 20 TIMES
                           INDEXED BY W670-INDEX
  10 W670-L10509D-ENTRY
    15 FILLER            PIC X(4)
    15 W670-RATES-AND-FEES-KEY PIC X(7)
    15 W670-RFK REDEFINES W670-RATES-AND-FEES-KEY
      20 W670-RFK-TYPE
        25 W670-RFK-TYPE-1 PIC X(1)
        25 W670-RFK-TYPE-XX PIC X(2)
      20 W670-RFK-CODE      PIC X(2)
      20 W670-RFK-SEQ       PIC 9(3)  COMP-3
    15 W670-RATES-AND-FEES-DATA
      20 W670-RFD-DAILY-FACTOR PIC 9(2)V9(7) COMP-3
      20 W670-RFD-DAILY-CHARGE PIC S9(5)V9(6) COMP-3
      20 W670-ANNUAL-RATE     PIC 9(3)V9(6) COMP-3
      20 W670-STATED-RATE    PIC 9(3)V9(6) COMP-3
      20 FILLER            PIC X
      20 W670-ACCUAL-BASE    PIC 9(3)  COMP-3
      20 W670-ACCUAL-METHOD  PIC 9(3)  COMP-3
      20 W670-RT-PYMT-MOD-IND PIC X
      20 FILLER            PIC X(4)
      20 W670-FIXED-INT-FEE-AMT PIC S9(7)V99 COMP-3
      20 W670-PREPAID-AMT    PIC S9(7)V9(6) COMP-3
      20 W670-AMT-ACCR-NOBILL PIC S9(7)V9(6) COMP-3
      20 W670-AMT-BILL-NOPAID PIC S9(7)V99 COMP-3
      20 W670-AMT-BILL-UNEARN PIC S9(7)V99 COMP-3
      20 W670-AMT-PAID-ITD   PIC S9(9)V99 COMP-3
      20 W670-AMT-ACCRUED-MTD PIC S9(9)V9(6) COMP-3
      20 W670-AMT-ACCRUED-YTD PIC S9(9)V9(6) COMP-3
      20 W670-AMT-ACCRUED-ITD PIC S9(9)V9(6) COMP-3
      20 W670-ORIG-ACCRUAL-TERM PIC 9(3)  COMP-3
      20 W670-REMAIN-ACCRUAL-TERM PIC 9(3)  COMP-3
      20 W670-ACCR-START-DATE PIC 9(7)  COMP-3
      20 W670-DATE-LAST-ACCRUED PIC 9(7)  COMP-3
      20 W670-NXT-ACCR-CALC-DATE PIC 9(7)  COMP-3
      20 W670-REBATE-CALC-CODE PIC X(3)
      20 W670-REBATE-DUE     PIC S9(7)V99 COMP-3
      20 W670-ALT-CALC-CODE  PIC X(2)
      20 W670-ALT-RATE      PIC 9(3)V9(6) COMP-3
      20 W670-NONACC-BLWMKT-DATE PIC 9(7)  COMP-3
      20 W670-NONACC-BLWMKT-INT-ACCR
                                PIC S9(7)V9(6) COMP-3
      20 FILLER            PIC X(14)
      20 W670-RFD-RECAPTURE-DLY-CHG
                                PIC S9(5)V9(6) COMP-3
      20 W670-RFD-NONACC-DLY-CHG
      20 W670-AMT-ACCRUED-FYTD PIC S9(9)V9(6) COMP-3
      20 W670-AMOUNT-DISCHARGED-YTD
                                PIC S9(9)V9(2) COMP-3
      20 W670-AMOUNT-DISCHARGED-ITD
      20 W670-SCH-VAR-RATE   PIC S9(3)V9(6) COMP-3

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20 W670-RFD-PCOF-DLY-CHG PIC S9(5)V9(6) COMP-3
20 W670-RFD-PCOF-INT-ACCR
    PIC S9(9)V9(6) COMP-3
15 W670-RATES-FEES-FILLER PIC X(5)
10 W670-L17444D-ENTRY
    15 W670-PCD17444-DATA PIC X(94)
05 W670-RFK-TABLE-ENTRIES
    10 W670-INT-ENTRY      PIC S9(3) COMP-3
    10 W670-ISB-ENTRY      PIC S9(3) COMP-3
    10 W670-LSI-ENTRY      PIC S9(3) COMP-3

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W633 Delinquency Table

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L50633D
*Dgid 17633
*DCPY L50633D
*
*      DELINQUENCY WORK DATA GROUP
*          COBOL COPY BOOK   L50633D
*          DATA GROUP ID    17633
*          ELEMENT PREFIX    LPS
*          DATA GROUP TYPE   WORK
*
01 W633-DELINQUENCY-WORK-DG
    05 CL-ACTION-L50633D      PIC X(2)
    05 CL-RESULT-L50633D     PIC X(2)
    05 W633-WORK-AREA
        10 W633-PREV-LOAN     PIC X(23)
        10 W633-NBR-TABLE-ENTRIES PIC S9(3)  COMP-3
            88 W633-VALID-TABLE-ENTRY VALUE +1 THRU +230
    05 W633-PAST-DUE-AGING-DG OCCURS 230 TIMES
        INDEXED BY W633-PD-INDEX
        10 W633-ACTION-L10573D  PIC X(2)
        10 W633-RESULT-L10573D PIC X(2)
        10 W633-PAST-DUE-INFORMATION
            15 W633-PAST-DUE-AGING-KEY
                20 W633-PAYMENT-DUE-DATE PIC 9(7)  COMP-3
                20 W633-SCHEDULE-TYPE  PIC X(3)
                20 W633-SCHEDULE-TYPE-R REDEFINES
                    W633-SCHEDULE-TYPE
            25 W633-SCHEDULE-TYPE-1
                PIC X
            25 W633-SCHEDULE-TYPE-2-3
                PIC X(2)
            15 W633-PRINCIPAL-PAST-DUE PIC S9(9)V99  COMP-3
            15 W633-INTEREST-PAST-DUE PIC S9(7)V99  COMP-3
            15 W633-FEES-PAST-DUE  PIC S9(7)V99  COMP-3
            15 W633-INSURANCE-PAST-DUE PIC S9(7)V99  COMP-3
            15 W633-ESCROW-RESERVE PIC S9(7)V99  COMP-3
            15 FILLER             PIC X
            15 W633-DELINQUENCY-DATE PIC 9(7)  COMP-3
            15 W633-LATE-CHARGE-DATE PIC 9(7)  COMP-3
            15 W633-OBI-PAST-DUE OCCURS 8 TIMES
                INDEXED BY W633-OBI-INDEX

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20 W633-OBI-CALC-TYPE    PIC X(3)
20 FILLER REDEFINES W633-OBI-CALC-TYPE
   25 W633-INS-CALC-CHAR PIC X(1)
   25 FILLER      PIC X(2)
20 W633-OBI-CALC-CODE    PIC X(2)
20 W633-OBI-SEQ-NBR     PIC 9(3)  COMP-3
20 W633-OBI-AMT        PIC S9(7)V99 COMP-3

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W664 Prepayment Table

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L50664D
*Dgid 17664
*DCPY L50664D
*
*   PREPAYMENTS TABLE DATA GROUP
*   COBOL COPY BOOK    L50664D
*   DATA GROUP ID      17664
*   ELEMENT PREFIX     LPS
*   DATA GROUP TYPE    WORK
*
01 W664-PREPAYMENTS-TABLE-DG
  05 W664-ACTION          PIC X(2)
  05 W664-RESULT          PIC X(2)
*
  05 W664-SCRATCH
    10 W664-PREV-LOAN      PIC X(23)
    10 W664-REVERSAL-FLAG   PIC X
      88 W664-REVERSAL-YES  VALUE 'Y'
      88 W664-REVERSAL-NO   VALUE 'N'
  05 W664-PPMT-WK-DATA
    10 W664-NUMBER-OF-ENTRIES PIC S9(3)  COMP-3
    10 W664-CURRENT-ENTRY   PIC S9(3)  COMP-3
  05 W664-TABLE-ENTRY      OCCURS 36 TIMES
                                INDEXED BY W664-INDEX
    10 W664-L10581D-ENTRY
      15 W664-ACTION-L10581D  PIC X(2)
      15 W664-RESULT-L10581D  PIC X(2)
    12 W664-PREPAYMENTS-KEY
      15 W664-PMT-DUE-DATE   PIC 9(7)  COMP-3
      15 W664-SEQ-NUM        PIC S9(3)  COMP-3
    12 W664-PREPAYMENTS-DATA
      15 W664-TYPE           PIC X(4)
      15 W664-PRIN-AMT       PIC S9(9)V99 COMP-3
      15 W664-INT-AMT        PIC S9(9)V99 COMP-3
      15 W664-ACCUAL-DUE     PIC 9(7)  COMP-3
      15 W664-EFFECT-DATE   PIC 9(7)  COMP-3
      15 FILLER              PIC X(4)

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W654 Participations Table

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L50654D
*
*   PARTICIPATION PAY SPREAD

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*          COBOL COPY BOOK    L50654D
*          DATA GROUP ID     17654
*          DATA GROUP TYPE   WORK
01 W654-PARTICIPATION-SPREAD-WORK
  05 W654-ACTION-L50654D      PIC XX
  05 W654-RESULT-L50654D     PIC XX
  05 W654-WORK-FLDS
    10 W654-SUBSCRIPTS    COMP
      15 W654-NBR-OF-PART  PIC S9(4)
      15 W654-SUB1        PIC S9(4)
      15 W654-SUB2        PIC S9(4)
      15 W654-SUB3        PIC S9(4)
    10 W654-SPREAD-SEQ-CRITERIA  PIC S9(3)  COMP-3
      88 W654-FIFO         VALUE +1, +6
      88 W654-LIFO         VALUE +2, +7
      88 W654-PER-CENT     VALUE +3, +8
      88 W654-SEQ-NO       VALUE +4, +9
      88 W654-ADVANCE-ONLY  VALUE +5
      88 W654-NO-ALLOCATION  VALUE +10
      88 W654-RESTRICTED    VALUE +5, +6, +7, +8,
                                +9, +10
    10 W654-REVERSAL-SUB      PIC S9(4)  COMP
    10 W654-READ-FLAG        PIC X
      88 W654-ALL-PARTICIPATIONS-READ  VALUE 'Y'
    10 W654-GL-TRAN-CODES
      15 W654-PRINCIPAL-TRAN  PIC XX
      15 W654-INTEREST-TRAN  PIC XX
    10 W654-WRK-PRIN-AMT    PIC S9(11)V99 COMP-3
    10 W654-WRK-INT-AMT    PIC S9(7)V99 COMP-3
    10 W654-WRK-PAY-AMT    PIC S9(11)V99 COMP-3
    10 W654-WRK-NUMERIC    PIC S9(15)
  05 W654-TOTALS          COMP-3
    10 W654-TOTAL-PRIN-PD   PIC S9(11)V99
    10 W654-TOTAL-INT-PD   PIC S9(7)V99
    10 W654-UNAPPLIED-PRIN  PIC S9(11)V99
    10 W654-UNAPPLIED-INT  PIC S9(7)V99
    10 W654-PRIN-PAY-AMT   PIC S9(11)V99
    10 W654-INT-PAY-AMT   PIC S9(7)V99
    10 W654-CURR-LOAN-BAL  PIC S9(11)V99
  05 W654-SAVE-ENTRY       PIC X(53)
  05 W654-PART-SELECTION-TABLE
    10 W654-PART-ENTRY     OCCURS 20 TIMES
      INDEXED BY W654-INDEX
      15 W654-SORT-KEY      PIC X(15)
      15 W654-PARTICIPATION-KEY
        20 W654-PTK-PRODUCT-CODE  PIC X(3)
        20 W654-PTK-COMPANY-ID   PIC X(2)
        20 W654-PTK-LOAN-COMMIT-NO  PIC X(23)
        20 W654-PTK-PARTICP-SOLD-NO  PIC 9(5)
        20 W654-PTK-INVESTOR-NO   PIC 9(5)
      15 W654-HIST-KEY-TO-READ  PIC X(50)
      15 W654-AMOUNT-ACCRUED-ITD  PIC S9(9)V9(6) COMP-3
      15 W654-PRIN-SALE-TRAN-CODE  PIC XX
      15 W654-PRIN-ADV-TRAN-CODE   PIC XX
  05 W654-SERVICING-FEE-DATA

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10 W654-FEE-CALC-METHOD      PIC X
    88 W654-FEE-CALC-1        VALUE '1'
    88 W654-FEE-CALC-2        VALUE '2'
10 W654-SERVICING-FEE-RATE   PIC S9(3)V9(6) COMP-3
10 W654-SERVICING-FEE-AMT   PIC S9(11)V99 COMP-3
10 W654-MAX-SERVICING-FEE-AMT PIC S9(11)V99 COMP-3
10 W654-MIN-SERVICING-FEE-AMT PIC S9(11)V99 COMP-3
05 W654-AMORTIZED-WORK-FLDS
10 W654-WK-SERVICING-FEE-AMT PIC S9(11)V99 COMP-3
10 W654-PART-TO-LOAN-INT-RATIO PIC S99V9(9) COMP-3
10 W654-SERV-FEE-AMT         PIC S9(11)V99 COMP-3
10 W654-CHARGES-AMT         PIC S9(11)V99 COMP-3
10 W654-PPAY-PNLT-AMT       PIC S9(11)V99 COMP-3
05 W654-SAVE-USER-CC        PIC XX
05 W654-PAYOUT               PIC S9(11)V99 COMP-3
05 W654-PERCENTAGE          PIC S9(3)V9(8) COMP-3
05 W654-NEW-POSTING-AMTS
10 W654-TOTAL-LC-PD          PIC S9(7)V99 COMP-3
10 W654-TOTAL-PPMT-PEN-PD   PIC S9(7)V99 COMP-3
10 W654-UNAPPLIED-LC         PIC S9(7)V99 COMP-3
10 W654-UNAPPLIED-PPMT       PIC S9(7)V99 COMP-3
10 W654-LC-PAY-AMT           PIC S9(7)V99 COMP-3
10 W654-PPMT-PEN-PAY-AMT    PIC S9(7)V99 COMP-3
05 W654-REPOST-TRAN-DATA
10 W654-REPOST-EFF-DATE     PIC S9(7) COMP-3
10 W654-REPOST-TRAN-CODE    PIC XX
10 W654-REPOST-SEQ-NUM       PIC S9(3) COMP-3
05 W654-PAY-ACCUSED-AMTS
10 W654-TOTAL-TRANS-PD       PIC S9(11)V99 COMP-3
10 W654-UNAPPLIED-TRANS     PIC S9(11)V99 COMP-3
05 W654-ESCROW-AMTS
10 W654-TOTAL-ESCROW-PD      PIC S9(09)V99 COMP-3
10 W654-UNAPPLIED-ESCROW    PIC S9(09)V99 COMP-3
10 W654-ESCROW-PAY-AMT       PIC S9(09)V99 COMP-3
05 W654-SAVE-HISTORY-KEY    PIC X(50)
05 W654-SAVE-L-PART-NO      PIC 9(5)
05 W654-TRANSACTION-BLOCK-SW PIC X
    88 W654-PART-BLOCKED      VALUE 'Y'
    88 W654-PART-SPREAD       VALUE 'N'
05 W654-TOTAL-PERCENTAGE    PIC S9(3)V9(8) COMP-3

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W564 General Ledger Spread Table

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L50564D
*DCPY L50564D
*Dgid 17564
*
*  POSTING SPREAD DATA GROUP
*    COBOL COPY BOOK  L50564D
*    DATA GROUP ID    17564
*    ELEMENT PREFIX   LPS
01 W564-POSTING-SPREAD-DG
    05 W564-ACTION-L50564D      PIC XX
    05 W564-RESULT-L50564D     PIC XX

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05 W564-SPREAD-SUB          PIC S9(4) COMP.
05 W564-SPREAD-ENTRIES-G
06 W564-SPREAD-ENTRIES OCCURS 20 TIMES
    INDEXED BY W564-SPREAD-NDX
10 W564-ACCUAL-KEY
    15 W564-CALCULATION-TYPE  PIC XXX.
    15 FILLER REDEFINES W564-CALCULATION-TYPE
        20 W564-CALC-CHAR-1   PIC X
        20 W564-CALC-CHAR-2-3 PIC XX
    15 W564-CALCULATION-CODE  PIC XX.
    15 W564-SEQUENCE-NUMBER  PIC 999   COMP-3
10 W564-POST-TRAN.
    15 W564-POST-TRAN-N      PIC S9(4) COMP
10 W564-POST-ACTY.
    15 W564-POST-ACT      PIC S9(4) COMP
10 W564-POST-AMOUNT      PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION      PIC X(25)
10 W564-DESC-R REDEFINES W564-DESCRIPTION
    15 FILLER            PIC X(20)
    15 W564-GL-TRAN      PIC 9(5)
05 FILLER REDEFINES W564-SPREAD-ENTRIES-G
10 W564-ACCUAL-KEY-1
    15 W564-CALCULATION-TYPE-1 PIC XXX.
    15 W564-CALCULATION-CODE-1 PIC XX.
    15 W564-SEQUENCE-NUMBER-1 PIC 999   COMP-3.
10 W564-POST-TRAN-1       PIC 9(4)   COMP.
10 W564-POST-ACTY-1       PIC 9(4)   COMP.
10 W564-POST-AMOUNT-1     PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-1     PIC X(25).
10 W564-ACCUAL-KEY-2
    15 W564-CALCULATION-TYPE-2 PIC XXX.
    15 W564-CALCULATION-CODE-2 PIC XX.
    15 W564-SEQUENCE-NUMBER-2 PIC 999   COMP-3.
10 W564-POST-TRAN-2       PIC 9(4)   COMP.
10 W564-POST-ACTY-2       PIC 9(4)   COMP.
10 W564-POST-AMOUNT-2     PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-2     PIC X(25).
10 W564-ACCUAL-KEY-3
    15 W564-CALCULATION-TYPE-3 PIC XXX.
    15 W564-CALCULATION-CODE-3 PIC XX.
    15 W564-SEQUENCE-NUMBER-3 PIC 999   COMP-3.
10 W564-POST-TRAN-3       PIC 9(4)   COMP.
10 W564-POST-ACTY-3       PIC 9(4)   COMP.
10 W564-POST-AMOUNT-3     PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-3     PIC X(25).
10 W564-ACCUAL-KEY-4
    15 W564-CALCULATION-TYPE-4 PIC XXX.
    15 W564-CALCULATION-CODE-4 PIC XX.
    15 W564-SEQUENCE-NUMBER-4 PIC 999   COMP-3.
10 W564-POST-TRAN-4       PIC 9(4)   COMP.
10 W564-POST-ACTY-4       PIC 9(4)   COMP.
10 W564-POST-AMOUNT-4     PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-4     PIC X(25).
10 W564-ACCUAL-KEY-5
    15 W564-CALCULATION-TYPE-5 PIC XXX.

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15 W564-CALCULATION-CODE-5 PIC XX.
15 W564-SEQUENCE-NUMBER-5 PIC 999 COMP-3.
10 W564-POST-TRAN-5      PIC 9(4)  COMP.
10 W564-POST-ACTY-5      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-5    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-5    PIC X(25).
10 W564-ACCUAL-KEY-6
  15 W564-CALCULATION-TYPE-6 PIC XXX.
  15 W564-CALCULATION-CODE-6 PIC XX.
  15 W564-SEQUENCE-NUMBER-6 PIC 999 COMP-3.
10 W564-POST-TRAN-6      PIC 9(4)  COMP.
10 W564-POST-ACTY-6      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-6    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-6    PIC X(25).
10 W564-ACCUAL-KEY-7
  15 W564-CALCULATION-TYPE-7 PIC XXX.
  15 W564-CALCULATION-CODE-7 PIC XX.
  15 W564-SEQUENCE-NUMBER-7 PIC 999 COMP-3.
10 W564-POST-TRAN-7      PIC 9(4)  COMP.
10 W564-POST-ACTY-7      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-7    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-7    PIC X(25).
10 W564-ACCUAL-KEY-8
  15 W564-CALCULATION-TYPE-8 PIC XXX.
  15 W564-CALCULATION-CODE-8 PIC XX.
  15 W564-SEQUENCE-NUMBER-8 PIC 999 COMP-3.
10 W564-POST-TRAN-8      PIC 9(4)  COMP.
10 W564-POST-ACTY-8      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-8    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-8    PIC X(25).
10 W564-ACCUAL-KEY-9
  15 W564-CALCULATION-TYPE-9 PIC XXX.
  15 W564-CALCULATION-CODE-9 PIC XX.
  15 W564-SEQUENCE-NUMBER-9 PIC 999 COMP-3.
10 W564-POST-TRAN-9      PIC 9(4)  COMP.
10 W564-POST-ACTY-9      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-9    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-9    PIC X(25).
10 W564-ACCUAL-KEY-10
  15 W564-CALCULATION-TYPE-10 PIC XXX.
  15 W564-CALCULATION-CODE-10 PIC XX.
  15 W564-SEQUENCE-NUMBER-10 PIC 999 COMP-3.
10 W564-POST-TRAN-10     PIC 9(4)  COMP.
10 W564-POST-ACTY-10     PIC 9(4)  COMP.
10 W564-POST-AMOUNT-10   PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-10   PIC X(25).
10 W564-ACCUAL-KEY-11
  15 W564-CALCULATION-TYPE-11 PIC XXX.
  15 W564-CALCULATION-CODE-11 PIC XX.
  15 W564-SEQUENCE-NUMBER-11 PIC 999 COMP-3.
10 W564-POST-TRAN-11     PIC 9(4)  COMP.
10 W564-POST-ACTY-11     PIC 9(4)  COMP.
10 W564-POST-AMOUNT-11   PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-11   PIC X(25).
10 W564-ACCUAL-KEY-12

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15 W564-CALCULATION-TYPE-12 PIC XXX.
 15 W564-CALCULATION-CODE-12 PIC XX.
 15 W564-SEQUENCE-NUMBER-12 PIC 999 COMP-3.
 10 W564-POST-TRAN-12 PIC 9(4) COMP.
 10 W564-POST-ACTY-12 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-12 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-12 PIC X(25).
 10 W564-ACCUAL-KEY-13
 15 W564-CALCULATION-TYPE-13 PIC XXX.
 15 W564-CALCULATION-CODE-13 PIC XX.
 15 W564-SEQUENCE-NUMBER-13 PIC 999 COMP-3.
 10 W564-POST-TRAN-13 PIC 9(4) COMP.
 10 W564-POST-ACTY-13 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-13 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-13 PIC X(25).
 10 W564-ACCUAL-KEY-14
 15 W564-CALCULATION-TYPE-14 PIC XXX.
 15 W564-CALCULATION-CODE-14 PIC XX.
 15 W564-SEQUENCE-NUMBER-14 PIC 999 COMP-3.
 10 W564-POST-TRAN-14 PIC 9(4) COMP.
 10 W564-POST-ACTY-14 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-14 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-14 PIC X(25).
 10 W564-ACCUAL-KEY-15
 15 W564-CALCULATION-TYPE-15 PIC XXX.
 15 W564-CALCULATION-CODE-15 PIC XX.
 15 W564-SEQUENCE-NUMBER-15 PIC 999 COMP-3.
 10 W564-POST-TRAN-15 PIC 9(4) COMP.
 10 W564-POST-ACTY-15 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-15 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-15 PIC X(25).
 10 W564-ACCUAL-KEY-16
 15 W564-CALCULATION-TYPE-16 PIC XXX.
 15 W564-CALCULATION-CODE-16 PIC XX.
 15 W564-SEQUENCE-NUMBER-16 PIC 999 COMP-3.
 10 W564-POST-TRAN-16 PIC 9(4) COMP.
 10 W564-POST-ACTY-16 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-16 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-16 PIC X(25).
 10 W564-ACCUAL-KEY-17
 15 W564-CALCULATION-TYPE-17 PIC XXX.
 15 W564-CALCULATION-CODE-17 PIC XX.
 15 W564-SEQUENCE-NUMBER-17 PIC 999 COMP-3.
 10 W564-POST-TRAN-17 PIC 9(4) COMP.
 10 W564-POST-ACTY-17 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-17 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-17 PIC X(25).
 10 W564-ACCUAL-KEY-18
 15 W564-CALCULATION-TYPE-18 PIC XXX.
 15 W564-CALCULATION-CODE-18 PIC XX.
 15 W564-SEQUENCE-NUMBER-18 PIC 999 COMP-3.
 10 W564-POST-TRAN-18 PIC 9(4) COMP.
 10 W564-POST-ACTY-18 PIC 9(4) COMP.
 10 W564-POST-AMOUNT-18 PIC S9(11)V99 COMP-3.
 10 W564-DESCRIPTION-18 PIC X(25).

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10 W564-ACCUAL-KEY-19
  15 W564-CALCULATION-TYPE-19 PIC XXX.
  15 W564-CALCULATION-CODE-19 PIC XX.
  15 W564-SEQUENCE-NUMBER-19 PIC 999  COMP-3.
10 W564-POST-TRAN-19      PIC 9(4)  COMP.
10 W564-POST-ACTY-19      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-19    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-19    PIC X(25).
10 W564-ACCUAL-KEY-20
  15 W564-CALCULATION-TYPE-20 PIC XXX.
  15 W564-CALCULATION-CODE-20 PIC XX.
  15 W564-SEQUENCE-NUMBER-20 PIC 999  COMP-3.
10 W564-POST-TRAN-20      PIC 9(4)  COMP.
10 W564-POST-ACTY-20      PIC 9(4)  COMP.
10 W564-POST-AMOUNT-20    PIC S9(11)V99 COMP-3.
10 W564-DESCRIPTION-20    PIC X(25).
05 W564-PRIN-ADJUST-AMT   PIC S9(11)V99 COMP-3.
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Batch Posting



What's Different about Batch Posting?

Batch Posting

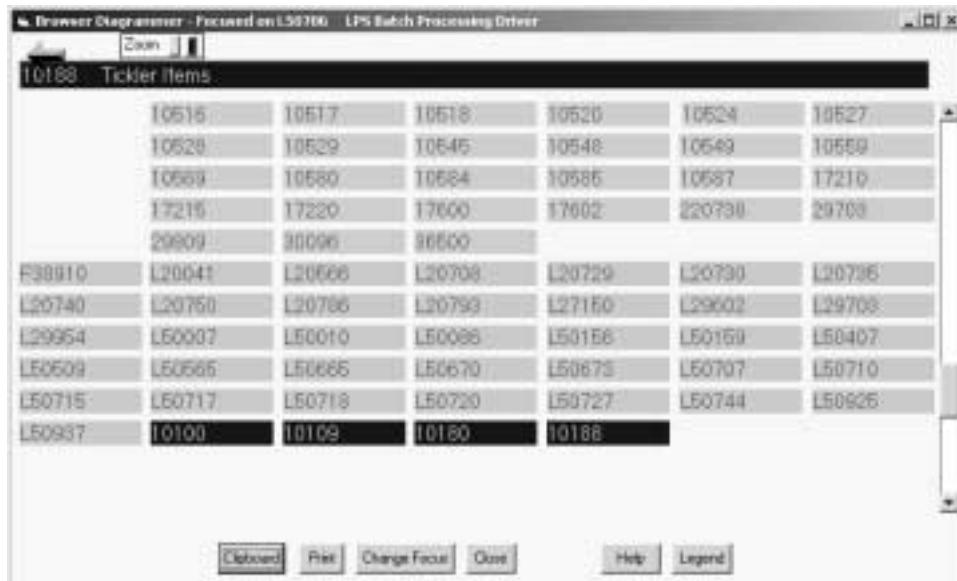


Objects: (row, column) 7/11/2003 11:52:26 AM

- (1,1) ILPJS004 ILP Product Cycle
- (2,1) 010_205 LPS Batch Post
- (3,1) L50706 LPS Batch Processing Driver
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 17390 Checkpoint Processing PCD
- (3,4) 17399 Transaction Code PCD
- (3,5) 17407 Product Code PCD
- (3,6) 17431 Loan Type Control PCD
- (3,7) 17438 Company Call Code
- (4,2) 17450 Fee Calculation PCD
- (4,3) 17453 Loan Company Option PCD
- (4,4) 17476 LPS Batch Loan Processing
- (4,5) 220606 ILP Troubled Debt Control
- (4,6) 220612 Analysis Report PCD
- (4,7) 220613 Payoff NSF PCD
- (5,2) 30400 MLS Processing Options
- (6,2) Datagroup: 1 P49000D User TCB
- (6,3) Datagroup: 1452 I57101D PCD Control Block
- (6,4) 17012 Environment Driver Wk Datagroup
- (6,5) 17022 LPS Datagroup Disp Driver
- (6,6) 17063 History Work Area
- (6,7) 17181 Work Datagroup For L50181
- (7,2) 17565 Billing Shed Wk Datagroup
- (7,3) 17633 Delinquent Work Datagroup
- (7,4) 17640 Ppst Post Wk Datagroup
- (7,5) 17664 Prepayment Wk Table

(7,6) 17670 Rate Fee Table Datagroup
 (7,7) 17671 Accruals Dates Work
 (8,2) 17699 Global Work Datagroup
 (8,3) 17700 LPS Batch Work
 (8,4) 17701 Lr30072 Report Work Datagroup TCB User
 (8,5) 17702 ILP Clsserv Datagroups All INIT Work
 (8,6) 17706 Batch Sequence Pass Override
 (8,7) 17710 LPS Report Flags
 (9,2) 17735 Loan Date INIT
 (9,3) Datagroup: 2000 T58001D Date Control Block
 (9,4) 220048 Exception Work Table
 (9,5) 220059 Cof Work Datagroup
 (9,6) 220566 Loan Fee Table Data Group
 (9,7) 220657 Lr30028 Work Datagroup
 (10,2) 220742 ILP Event Broadcast Control Fl
 (10,3) 220793 Scheme Table Work Data Group
 (10,4) 29810 LPS Internal Transaction Extend
 (10,5) 29992 Calculation Available Balance Work Datagroup
 (10,6) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
 (10,7) Datagroup: 49900 P49900D Key Range Randomizer Informati
 (11,2) Datagroup: 9 P49809D User Exception Message
 (12,2) 10425 Loans Cost Of Fund (HDB CLSSERV LLCSMS LLCSSS)
 (12,3) 10467 Commit Pointer Datagroup (HDB CLSPART)
 (12,4) 10488 Loan Rate Reduction HDB Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (12,5) 10489 Cashback Details (HDB CLSSERV LLCSMS LLCSSS)
 (12,6) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
 (12,7) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
 (13,2) 10505 Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
 (13,3) 10506 Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
 (13,4) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
 (13,5) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (13,6) 10510 Rate Modifiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (13,7) 10515 LPS Insurance Data Datagroup (HDB CLSSERV LLCSMS LLCSSS)

... Batch Posting



Objects: (row, column) 7/11/2003 11:55:14 AM

- (1,2) 10516 Student Loan Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,3) 10517 Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)
- (1,4) 10518 Dealer Recourse (HDB CLSSERV LLCSMS LLCSSS)
- (1,5) 10520 Consumer Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (1,6) 10524 Discount Premium Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,7) 10527 Automatic Payments (HDB CLSSERV LLCSMS LLCSSS)
- (2,2) 10528 Beneficiary Demand Stmtns (HDB CLSSERV LLCSMS LLCSSS)
- (2,3) 10529 Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
- (2,4) 10545 Charge Off Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (2,5) 10548 CLS All Inclusive Td (HDB CLSSERV LLCSMS LLCSSS)
- (2,6) 10549 CLS Flip Loan Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (2,7) 10559 Capitalization (HDB CLSSERV LLCSMS LLCSSS)
- (3,2) 10569 Loan Prepayment Penalty (HDB CLSSERV LLCSMS LLCSSS)
- (3,3) 10580 Additional Rate Tiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (3,4) 10584 Reserve Deposits (HDB CLSSERV LLCSMS LLCSSS)
- (3,5) 10585 Mortgage Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (3,6) 10587 CLS Govt Subsidy Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (3,7) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (4,2) 17215 LPS Sorted Transaction (SDB SFTO215 SFTO2151 SFTO2152 SFTO2153 SFTO2154 SFTO2155 SFTO2156 SFTO2157 SFTO2158 SFTO2159 SFTO215A SFTO215B SFTO215C SFTO215D SFTO215E SFTO215F SFTO216 SFTO217)
- (4,3) 17220 LPS Batch Tickler (SDB SFTI220 SFTO220 SFTO2201 SFTO2202 SFTO2203 SFTO2204 SFTO2205 SFTO2206 SFTO2207 SFTO2208 SFTO2209 SFTO220A SFTO220B SFTO220C SFTO220D SFTO220E SFTO220F SFTO221)
- (4,4) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (4,5) 17602 LPS ICF Control Datagroup (HDB LPSICF)

(4,6) 220738 Deferred Update SDB For Lpsicf (SDB L10ICFI L10ICFO)
 (4,7) 29703 Lpsrchg Defer Update Utilit (SDB L10RTCI L10RTCO)
 (5,2) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210
 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
 (5,3) 30096 Loan Service Float Details (HDB CLSSERV LLCSMS LLCSSS)
 (5,4) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
 (6,1) F38910 Retrieve Event Broadcast Control Flag
 (6,2) L20041 Split Billing Table Build
 (6,3) L20566 Loan Fee Tabling Program
 (6,4) L20708 End Of Account For Participation Batch
 (6,5) L20729 Automatic Charge Off Driver Program
 (6,6) L20730 Automatic Non Accrual Driver Program
 (6,7) L20735 Investor Loan Selection Expire
 (7,1) L20740 Noni Honi ILP Datagroups Routine
 (7,2) L20750 Automatic Status Chg For Mort End Date
 (7,3) L20786 CDMF Read Program For New Technical Pcds
 (7,4) L20793 Schemes Tabling Program
 (7,5) L27150 Borrower Interface
 (7,6) L29602 PCD Read For Sequence Random Batch Process
 (7,7) L29703 Lpsrchg Request Utility Program
 (8,1) L29954 Calculation Available Balance For Loan Commitment
 (8,2) L50007 LPS Re Write Database HDB Clsserv
 (8,3) L50010 Environment Driver
 (8,4) L50086 Implode Reject
 (8,5) L50156 Checkpoint History Build
 (8,6) L50159 Pass Through Accrual Adjustment
 (8,7) L50407 Maintenance INIT For Loan
 (9,1) L50509 Accrual G L Interface Build
 (9,2) L50565 Billing Schedule Build
 (9,3) L50665 Build Prepayment Table
 (9,4) L50670 Bring Accrual To Date
 (9,5) L50673 Adjustment Accrual After Post
 (9,6) L50707 LPS Batch Sequence Driver
 (9,7) L50710 LPS Set Report Flag
 (10,1) L50715 LPS Batch Report Processing
 (10,2) L50717 LPS Batch Report Processing
 (10,3) L50718 LPS Batch Report Processing
 (10,4) L50720 ILP Force Close Program
 (10,5) L50727 Loan Batch End Of Loan Driver
 (10,6) L50744 Process Rate Change
 (10,7) L50925 Prt Batch Processing
 (11,1) L50937 Issue TCB User CC Report Lr30072 Implode
 (11,2) 10100 SPS LPS Set Product Company Fo Co Exit
 (11,3) 10109 Add Exception Audit Report
 (11,4) 10180 Company Products Processed This Run
 (11,5) 10188 Tickler Items

Backdating and Checkpoint History



Principle: Backdating

- Business requires monetary transactions to be able to be posted as if in the past
- This requires
 - re-creating the loan record as it was on that past effective date
 - posting the item as of that date
 - reversing and reposting items since that date

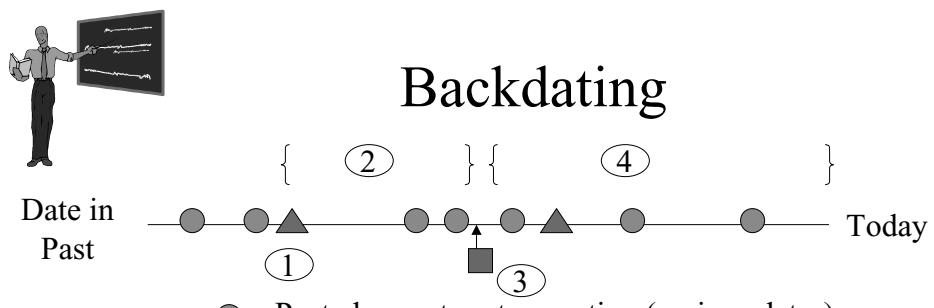
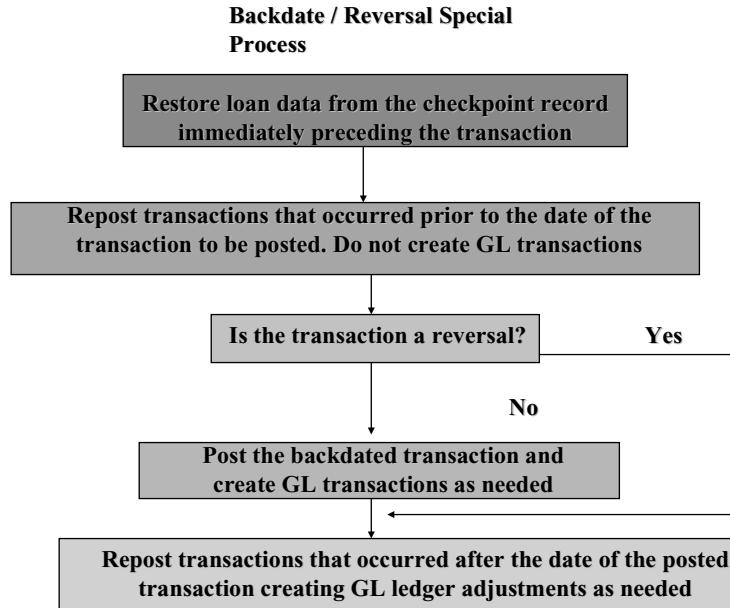


Your Turn: How could we restore a loan to its condition on a prior date?



Principle: The Checkpoint Record

- Kept on the ATF
- A copy of the loan as it was on a particular date
- PCD 17390 says how often to create
- Starting point for rebuilding a loan as of a date following the checkpoint



- (1) Restore loan to 1st checkpoint record prior to backdate
- (2) Repost txns in gap between checkpoint and backdate (no GL)
- (3) Post backdate item (GL)
- (4) Reverse and repost txns since backdate (GL)



Backdating Key Programs

- L50060 - Backdate Driver (Period 2 in diagram)
- L50061 - Repost Driver (Period 4 in diagram)
- Either program considers before post
 - time to redo
 - accrual processing?
 - capitalization?
 - delinquency?
 - billing?

L50060 Backdate Transaction Date

L50060 Report To Backdated Transaction Date							
L12040	L50010	L50725					
L50011	L50050	CLSATF	CLSSERY	LLCAMS	LLCASS	LLCSMS	LLCSNS
		L10EXPI	L10EXPO	RPMLOUT			
		17390	17407	17418	17444	17453	17469
		17473	220606				
F39920	L10099	L10255	L10284	L10363	L10650	L10606	
L12053	L12054	L12055	L12060	L12071	L12072	L12075	
L12612	L17166	L20710	L20711	L20721	L20727	L20748	
L20781	L20882	L20887	L20950	L20951	L20940	L20970	
L29071	L29100	L29101	L29603	L29604	L29607	L29606	
L29609	L29612	L29613	L29624	L29625	L29628	L29627	
L29628	L29632	L29633	L29636	L29637	L29638	L29649	

Objects: (row, column)7/11/2003 12:08:52 PM

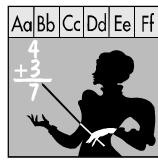
(1,1) L12040	Reprint Rebill Billing Statement
(1,2) L50010	Environment Driver
(1,3) L50725	CLS Delinquency Process
(2,1) L50011	Real Time Post Dr
(3,1) L50060	Repost To Backdated Transaction Date
(3,2) CLSATF	Loan Service Data Base
(3,3) CLSSERV	Loan Service Data Base
(3,4) LLCAMS	CLS Transaction History Data Base
(3,5) LLCASS	CLS Transaction History Data Base
(3,6) LLCSMS	Loan Service Data Base
(3,7) LLCSSS	Loan Service Data Base
(4,2) L10EXPI	17210 Transaction Input
(4,3) L10EXPO	Transaction Output In 17210 Format
(4,4)	
(5,2) 17390	Checkpoint Processing PCD
(5,3) 17407	Product Code PCD
(5,4) 17413	Finance Transaction Processing PCD
(5,5) 17444	LPS Accrual Calculation PCD
(5,6) 17453	Loan Company Option PCD
(5,7) 17459	Post Transaction Code PCD
(6,2) 17473	Lending Policy PCD
(6,3) 220606	ILP Troubled Debt Control
(7,1) F38920	EBS Event Broadcast Driver Program
(7,2) L10083	Adjustment Minimum Interest Memo Bucket
(7,3) L10255	Bankruptcy Or Removal Status Check
(7,4) L10284	Ready Credit Status Check
(7,5) L10363	After Post Controller For Demand Call
(7,6) L10550	Ready Credit Line Amount Change
(7,7) L10608	Payment Post Edit Over A Billr
(8,1) L12053	Restructure Payoff Program
(8,2) L12054	Restructure Setup Post Program
(8,3) L12055	Checkpoint Delete Program
(8,4) L12060	Chg Foreclosure Date Post
(8,5) L12071	Recast Payoff Reversal Program
(8,6) L12072	Post Program For Refund Of Unapplied To Borrower
(8,7) L12075	Rcst Rev Restore Rate Payment Mods
(9,1) L12612	Capitalization Post Controller
(9,2) L17166	Float Indicator Post
(9,3) L20710	Backdate Repost Of Participation
(9,4) L20711	Participation Before Post Repost
(9,5) L20721	Post Controller For Dormant Account
(9,6) L20727	Partial Charge Off Transaction Driver Program
(9,7) L20748	Fee Post Program
(10,1) L20781	Capitalization Pre Post Controller
(10,2) L20882	Automatic Payment Change Module
(10,3) L20887	Post Cure Transaction
(10,4) L28250	Pdi Disburse Interface
(10,5) L28251	Tax Inquiry Interface
(10,6) L29040	Adjustment W061 Accrual Table On Anba Revr
(10,7) L29070	Amortize Net Fee And Cost
(11,1) L29071	Before Post Accrual For FASB 91 Fee Cost
(11,2) L29100	Minimum Billing Advance Due Date Transaction Post
(11,3) L29101	Close LOC And Activate Payout Schedule

(11,4) L29603	Credit Adjustment Escrow Int Paid Advance Balance
(11,5) L29604	Dr Adjustment Escrow Int Paid Advance Balance
(11,6) L29607	Credit Adjustment Escrow Int Paid RSV Balance
(11,7) L29608	Dr Adjustment Escrow Int Paid RSV Balance
(12,1) L29609	Refund Escrow RSV Int Withholding Driver
(12,2) L29612	ILP Billing Maintenance Set Up Post Contolle
(12,3) L29613	Credit Adjustment Accrual Not Billed Transaction
(12,4) L29624	Partial Discharged Prepost Controller
(12,5) L29625	Partial Discharged After Post Control
(12,6) L29626	Debit Discharge Adjustment Post Program
(12,7) L29627	Credit Discharge Adjustment Post Program
(13,1) L29628	Special Interest Payment Post Driver
(13,2) L29632	Overpaid Interest Adjustment Post Driver
(13,3) L29633	Overpaid Int Post Refund Driver
(13,4) L29636	Unscheduled Rate Chg Post Module
(13,5) L29637	Rate Change At Maturity Post Module
(13,6) L29638	Layered Rate Change Calculator
(13,7) L29649	Delete Expired Schedule Post Program



Past Transactions

- Rebuilt from history into DG 17210
- Processes like a current transaction according to PCD 17413 (and alternates)
- If date < backdate
 - check for reversal match
 - no G/L transactions
- Else
 - history transaction reversed and reposted as repost-reversal
 - then transaction reposted



Example: HRAP—Before Reversal

HRAP—After Reversal



Exercise

- It's July 17 and we have created checkpoint records on the 1st of each month. We need to backdate a payment to April 4.
 - Which checkpoint record is the basis for our repost?
 - Transactions for which dates are reposted without a GL effect?
 - Transactions for which dates are reposted with GL effect?
 - Which checkpoint records are recreated?



Accrual Processing



Types of Accrual Processing

- Accruals Before Posting
- Accruals After Posting
- Backdated Accrual Adjustments



Varieties of Accrual Calculations

- Simple (Calculation code 01)
- Add-On (02)
- Discount (03)
- Amortized (04)
- Straight Line Fees (05)
- FASB Amortized Fees (06)
- As Earned Insurance (07)
- Simple Rebate (11)
- No Accrual (99)



Accrual Starts at End of Loan Processing

- PCD 17476 has initial accrual activities
- PCD 17444 has activities based on accrual calculation code

Batch Posting

L80708 LPS Batch Processing Driver						
	7407	17399	17399	17407	17431	17438
L80706	17400	17458	17476	220606	220612	220613
	90400					
	7462	17012	17022	17063	17181	
	17665	17633	17640	17664	17670	17671
	17699	17700	17701	17702	17706	17710
	17735	2000	220048	220059	220686	220857
	220742	220793	29810	29992	49552	49920
	10425	10467	10488	10489	10501	10502
	10505	10506	10508	10509	10510	10515

Calls L50670

Accrual at End of Account

L50670 Bring Accrual To Date						
	L22035	L50275	L60276	CLSAPPF	CLSAPP1	CLSAPPN
L10370				L10606		
L10371						
L50670	CLSATF	CLSSERV	LLCAMS	LLCASS	LLCSMS	LLDSSS
	17431	17444				
L29071	L29970	L60668	L60671	L50679	L50681	L50682
L50691	L50698	L60697	10109			

Objects: (row, column)7/11/2003 12:13:36 PM

(1,1) L10370 Prepayment Penalty Calculation Driver
(1,2) L22035 Principal Paydown Reversal Screen
(1,3) L50275 Payoff Transaction Screen
(1,4) L50276 Payoff Post Module
(1,5) CLSAPPF Prepaid Fee Post
(1,6) CLSAPPI Prepaid Interest Post
(1,7) CLSAPPN Prepaid Insurance Post
(2,1) L10371 Prepayment Penalty Calculator
(2,5) L10606 Prepaid Interest Allocate Screen Program
(3,1) L50670 Bring Accrual To Date
(3,2) CLSATF Loan Service Data Base
(3,3) CLSSERV Loan Service Data Base
(3,4) LLCAMS CLS Transaction History Data Base
(3,5) LLCASS CLS Transaction History Data Base
(3,6) LLCSMS Loan Service Data Base
(3,7) LLCSSS Loan Service Data Base
(4,2) 17431 Loan Type Control PCD
(4,3) 17444 LPS Accrual Calculation PCD
(7,1) L29071 Before Post Accrual For FASB 91 Fee Cost
(7,2) L29970 Simple Interest Daily Rebate Calculatio
(7,3) L50558 As Earned Insurance Premium Accrual
(7,4) L50671 Calculation Number Of Day
(7,5) L50679 Credit Accrual Dealer Reserve
(7,6) L50681 Update Balance Activity
(7,7) L50682 Update Aggregate Balance And YTD
(8,1) L50691 Rebate Calculation
(8,2) L50696 Accrual Simple Int
(8,3) L50937 Issue TCB User CC Report Lr30072 Implode
(8,4) 10109 Add Exception Audit Report



Notice About Accrual

- Specific Accrual calculation programs
- PCD keys and contents

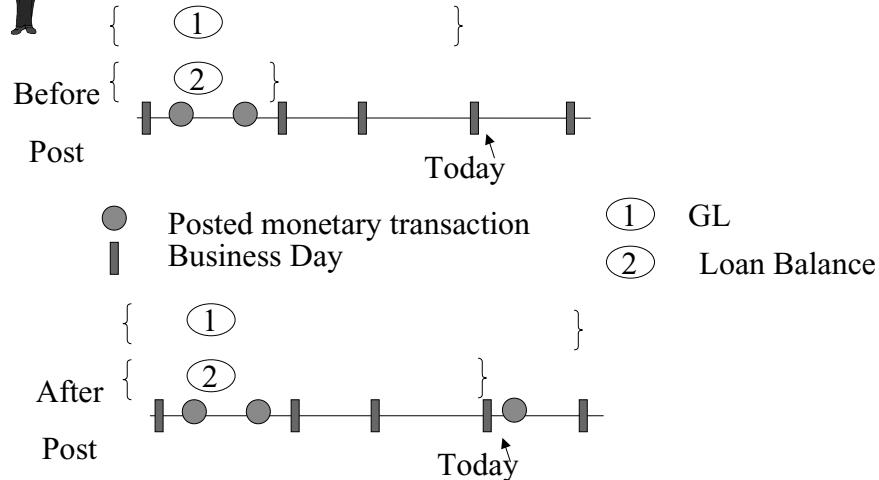


When to do Accrual?

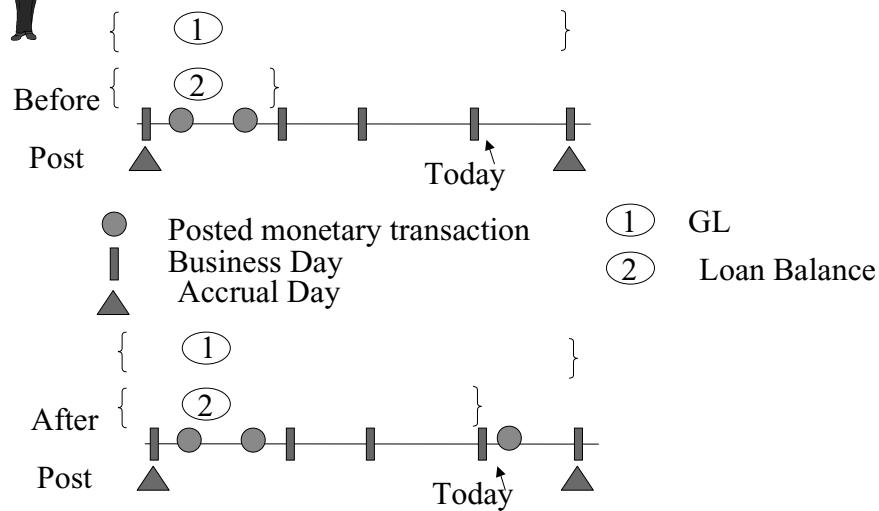
- Daily
- Periodically



Daily Accrual



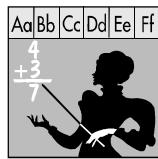
Periodic Accrual





Loan Balances

- All stored in datagroup 10509
 - Accrued not billed
 - Billed not earned
 - Billed not paid
 - Accrued ITD
 - Accrued MTD



Example

Suppose we have a new loan starting April 1 with no prepaid interest which accrues at \$5 per day and is billed 10 days in advance of its month-end due date.

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> • April 20 <ul style="list-style-type: none"> – Accrued not billed - \$100 – Billed not earned - \$0 – Billed not paid - \$0 – Accrued ITD - \$100 – Accrued MTD - \$100 | <ul style="list-style-type: none"> • April 21 (bill sent) <ul style="list-style-type: none"> – Accrued not billed - \$0 – Billed not earned - \$45 – Billed not paid - \$150 – Accrued ITD - \$105 – Accrued MTD - \$105 | <ul style="list-style-type: none"> • April 30 (to earnings) <ul style="list-style-type: none"> – Accrued not billed - \$0 – Billed not earned - \$0 – Billed not paid - \$150 – Accrued ITD - \$150 – Accrued MTD - \$150 |
|--|---|--|



Your Turn: For the Same Example

- May 1 (the bill was paid)
 - Accrued not billed - \$
 - Billed not earned - \$
 - Billed not paid - \$
 - Accrued ITD - \$
 - Accrued MTD - \$

End of Loan Processing

7

Chapter Objectives



- To become familiar with the PCDs, Programs, and processes that control
 - Rate Modifications and Limits
 - Payment Modifications and Limits
 - Loan Billing
 - Loan Delinquency

Rate Modifiers

Rate Modification Control at Setup

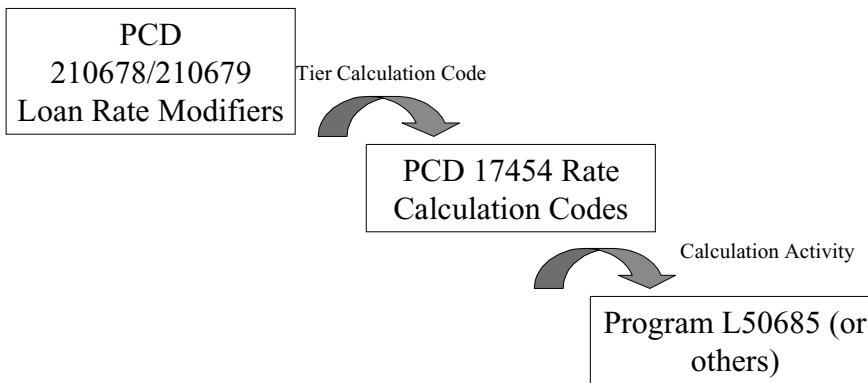


Objects: (row, column)4/14/2003 1:33:01 PM

- (1,1) CLSLSET Lset Product Selection Screen
- (1,2) CLSRCST Recast Setup Screen
- (1,3) CLSRNEG Renegotiate Debt Setup Screen
- (2,1) L12332 Lset Rate Mods Limit
- (2,2) CLSCOMM Commitment Data Base
- (3,2) 1699 Sft Floating Rate
- (3,3) 17444 LPS Accrual Calculation PCD
- (3,4) 17454 Rate Calculation PCD
- (3,5) 17473 Lending Policy PCD
- (3,6) 17495 Int Rate Limits PCD
- (3,7) 210678 Loan Rate Modifiers PCD
- (4,2) 210698 Billing Defaults Datagroup
- (4,3) 220626 Rate Reduction Code PCD
- (4,4) 220634 Fixed Capped Interest Rate Indicator
- (6,1) I47012 Deposit Get Product Environment
- (6,2) L50008 LPS Simple Date Edit
- (6,3) L50685 Calculation Rate From Tier



Rate Modifier Components



Your Turn: What are some calculations of rate that could be done with a tier table?



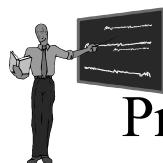
Rate Calculation Codes ... (How to Use Tier Information)

- NO - calculate no rate
- LR - a blended rate from the tier rates
- IN - use tier 1 only
- CU - select one tier based on current balance
- HI, MD, LO highest, middle or lowest tier rate



...Rate Calculation Codes (How to Use Tier Information)

- AV - Average of tier rates
- MT - Use maturity rate
- WR - split the current balance according to the tiers, applying each tier rate to its portion (weighted rate)
- RA - use PCD 17456 to adjust rates

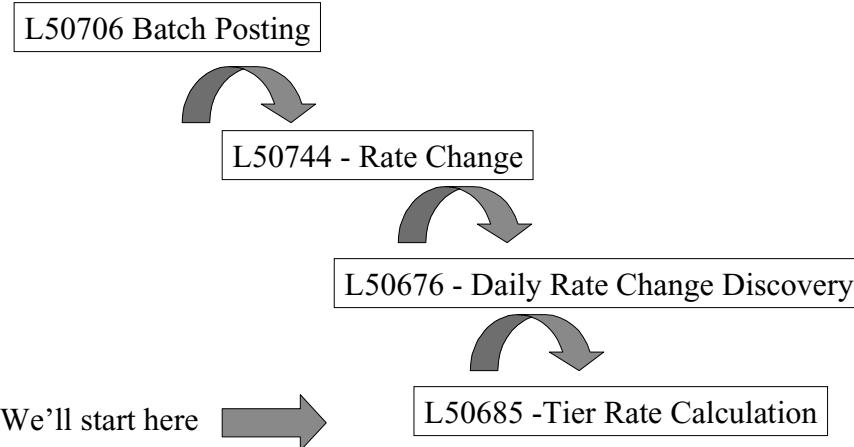


Principle: Variable Tier Selection

- The selection of the tier is done based on the results of calculation of each tier rate



Getting Oriented



Rate Tier Calculation



Objects: (row, column)4/14/2003 2:29:35 PM

- (1,1) CLSPSET CLS Participation Float Rate
- (1,2) CLSCSET Select Commitment Setup
- (1,3) CLSPFRM CLS Change Participation Float Rate
- (1,4) L12077 Recast Profile Funding Program
- (1,5) CLSLSET Lset Product Selection Screen
- (1,6) CLSRCST Recast Setup Screen
- (1,7) CLSRNEG Renegotiate Debt Setup Screen
- (2,1) L10221 Setup Participation Rate Mods
- (2,2) L10238 Commitment Rate Mod
- (2,3) L10330 Participation Float Rt Inquiry
- (2,4) L12330 Lset Add Code Screen
- (3,1) L50685 Calculation Rate From Tier
- (3,2) 1699 Sft Floating Rate
- (3,3) 17456 Rate Range PCD
- (7,1) L29685 Calculation Rate From 15 Tier



Your Turn: We've calculated a rate. Is this the rate we'll use?



Testing Our Rate

Calculated Rate

PCD 17495 Rate Change Limits



PCD 30402 Deferred Rate Changes



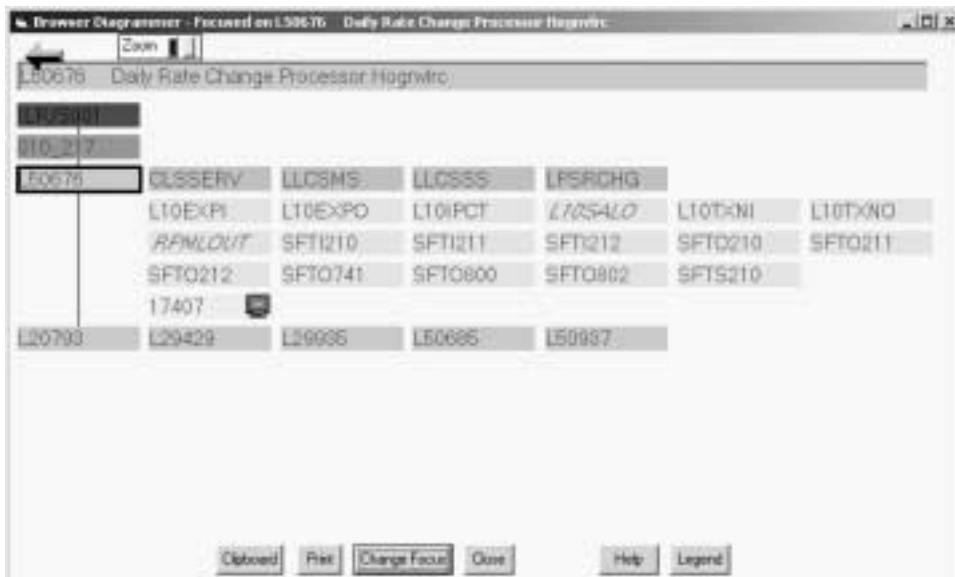
PCD 1699 Legal Rate Ceiling and Floor



Automatic Rate Change in Batch

- Rate Change Frequency Code on Loan
 - **DA** Check daily to see if related index rate has changed
 - **IC** Change the rate the offset number of days from when the related index rate changes
- The technical methods of handling are different

L50676 - Rate Change Discovery



Objects: (row, column)4/18/2003 12:33:28 PM

(1,1) ILPJS001 'ilp Job 001'
(2,1) 10_217 Create Rate Change Ticklers
(3,1) L50676 Daily Rate Change Processor Hognvlrc
(3,2) CLSSERV Loan Service Data Base
(3,3) LLCSMS Loan Service Data Base
(3,4) LLCSSS Loan Service Data Base
(3,5) LPSRCHG CLS Rate Change Data Base
(4,2) L10EXPI 17210 Transaction Input
(4,3) L10EXPO Transaction Output In 17210 Format
(4,4) L10IPCT Transaction Input For Percentage
(4,5)
(4,6) L10TXNI Transaction Input
(4,7) L10TXNO ILP Transactions Datagroup Length 892
(5,2) RPMLOUT RPM Loans Transaction File
(5,3) SFTI210 Transaction Input
(5,4) SFTI211 Transaction Input
(5,5) SFTI212 ILP Combine Billing Transaction Datagroup 29809
(5,6) SFTO210 ILP Transactions Datagroup Length 892
(5,7) SFTO211 Write OTP Reject File
(6,2) SFTO212 ILP Combine Billing Transaction Datagroup 29809
(6,3) SFTO741 Collateral Transaction Feed
(6,4) SFTO800 Pid Process INIT For Ps780 Sfto210
(6,5) SFTO802 Tax Process INIT For Ps120 Sfto210 Ct3
(6,6) SFTS210 Payee Remittance Input
(7,2) 17407 Product Code PCD
(8,1) L20793 Schemes Tabling Program
(8,2) L29429 Build Pcd17429 Table Program
(8,3) L29935 INIT Extension Datagroup 29810
(8,4) L50685 Calculation Rate From Tier
(8,5) L50937 Issue TCB User CC Report Lr30072 Implode

Index Rate Change PCD 17429

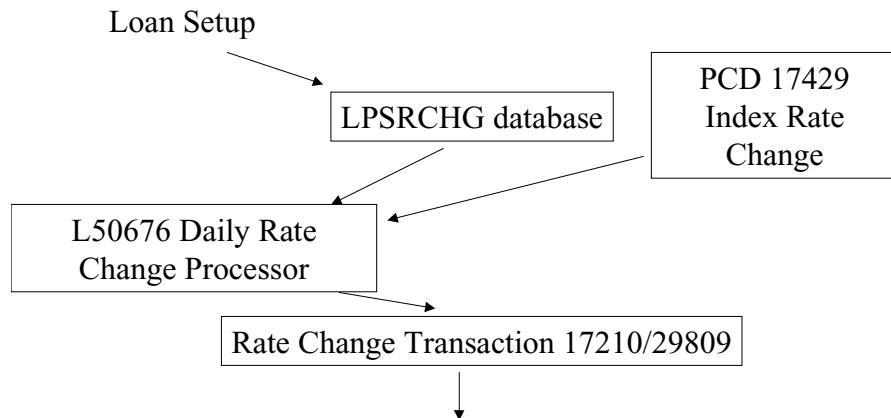


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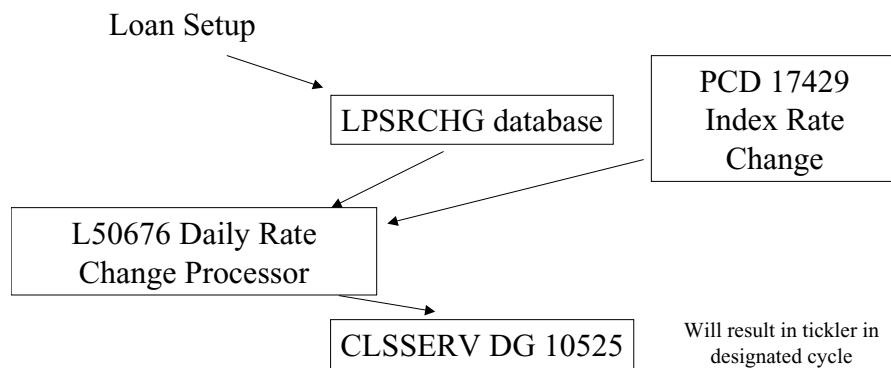
- (1,1) L12077 Recast Profile Funding Program
- (1,2) L12350 Lset Profile Funding Program
- (1,3) L27100 Borrower Sequence Pass Report Select
- (1,4) L50573 Participation Adjustment Accrual After
- (1,5) L50579 Reposting Rate Change
- (1,6) 10_217 Create Rate Change Ticklers
- (1,7) L50454 ILP Edit Process Date PCD 17429
- (2,1) L29639 Rate Change Issue To Add Accrual
- (2,3) L29642 Interest Rate Calculate For Report
- (2,4) L50574 Rate Change Processing
- (2,6) L50676 Daily Rate Change Processor Hognvlrc
- (3,1) L29429 Build Pcd17429 Table Program
- (3,2) 17429 Index Rate Chg PCD



Daily Check (DA)



Index Change (IC)





Principle: Ticklers

Ticklers are system-generated future-dated transactions which assure that required processing occurs on the proper date, even if the loan is not scheduled to process on that date.

Ticklers are read along with financial transactions.

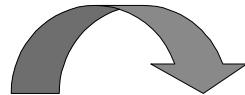


Your Turn: What could be other
“tickled” processes?

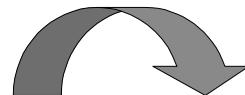


Rate Change within Processing

All daily financial transactions posted



Rate change processing



End of Loan Processing

L50706 - Batch Driver

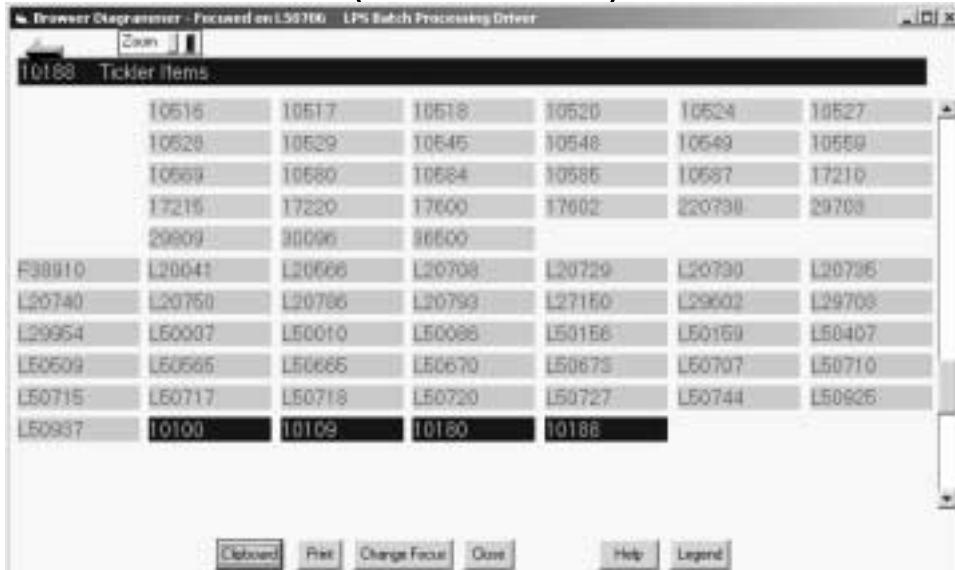
L50706 LPS Batch Processing Driver						
	747	17390	17399	17407	17431	17438
	17450	17453	17476	220606	220612	220613
	90400					
	/	17452	17012	17022	17063	17101
	17665	17633	17640	17664	17670	17671
	17699	17700	17701	17702	17706	17710
	17735	2000	220048	220059	220666	220667
	220742	220793	29610	29992	49952	49960
	g					
	10425	10467	10458	10489	10501	10502
	10505	10506	10508	10509	10510	10515

Objects: (row, column)7/11/2003 11:52:26 AM

- (1,1) ILPJS004 ILP Product Cycle
- (2,1) 010_205 LPS Batch Post
- (3,1) L50706 LPS Batch Processing Driver
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 17390 Checkpoint Processing PCD
- (3,4) 17399 Transaction Code PCD
- (3,5) 17407 Product Code PCD
- (3,6) 17431 Loan Type Control PCD
- (3,7) 17438 Company Call Code
- (4,2) 17450 Fee Calculation PCD
- (4,3) 17453 Loan Company Option PCD
- (4,4) 17476 LPS Batch Loan Processing
- (4,5) 220606 ILP Troubled Debt Control
- (4,6) 220612 Analysis Report PCD
- (4,7) 220613 Payoff NSF PCD
- (5,2) 30400 MLS Processing Options
- (6,2) Datagroup: 1 P49000D User TCB
- (6,3) Datagroup: 1452 I57101D PCD Control Block
- (6,4) 17012 Environment Driver Wk Datagroup
- (6,5) 17022 LPS Datagroup Disp Driver
- (6,6) 17063 History Work Area
- (6,7) 17181 Work Datagroup For L50181
- (7,2) 17565 Billing Shed Wk Datagroup
- (7,3) 17633 Delinquent Work Datagroup
- (7,4) 17640 Ppst Post Wk Datagroup
- (7,5) 17664 Prepayment Wk Table
- (7,6) 17670 Rate Fee Table Datagroup
- (7,7) 17671 Accruals Dates Work
- (8,2) 17699 Global Work Datagroup
- (8,3) 17700 LPS Batch Work
- (8,4) 17701 Lr30072 Report Work Datagroup TCB User
- (8,5) 17702 ILP Clsserv Datagroups All INIT Work
- (8,6) 17706 Batch Sequence Pass Override
- (8,7) 17710 LPS Report Flags
- (9,2) 17735 Loan Date INIT
- (9,3) Datagroup: 2000 T58001D Date Control Block
- (9,4) 220048 Exception Work Table
- (9,5) 220059 Cof Work Datagroup
- (9,6) 220566 Loan Fee Table Data Group
- (9,7) 220657 Lr30028 Work Datagroup
- (10,2) 220742 ILP Event Broadcast Control Fl
- (10,3) 220793 Scheme Table Work Data Group
- (10,4) 29810 LPS Internal Transaction Extend
- (10,5) 29992 Calculation Available Balance Work Datagroup
- (10,6) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
- (10,7) Datagroup: 49900 P49900D Key Range Randomizer Informati
- (11,2) Datagroup: 9 P49809D User Exception Message
- (12,2) 10425 Loans Cost Of Fund (HDB CLSSERV LLCSMS LLCSSS)
- (12,3) 10467 Commit Pointer Datagroup (HDB CLSPART)
- (12,4) 10488 Loan Rate Reduction HDB Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (12,5) 10489 Cashback Details (HDB CLSSERV LLCSMS LLCSSS)
- (12,6) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (12,7) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)

- (13,2) 10505 Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(13,3) 10506 Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(13,4) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
(13,5) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(13,6) 10510 Rate Modifiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(13,7) 10515 LPS Insurance Data Datagroup (HDB CLSSERV LLCSMS LLCSSS)

L50706 - Batch Driver (continued)



Objects: (row, column) 7/11/2003 11:55:14 AM

(1,2) 10516	Student Loan Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(1,3) 10517	Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)
(1,4) 10518	Dealer Recourse (HDB CLSSERV LLCSMS LLCSSS)
(1,5) 10520	Consumer Demographic (HDB CLSSERV LLCSMS LLCSSS)
(1,6) 10524	Discount Premium Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(1,7) 10527	Automatic Payments (HDB CLSSERV LLCSMS LLCSSS)
(2,2) 10528	Beneficiary Demand Stmt (HDB CLSSERV LLCSMS LLCSSS)
(2,3) 10529	Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
(2,4) 10545	Charge Off Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(2,5) 10548	CLS All Inclusive Td (HDB CLSSERV LLCSMS LLCSSS)
(2,6) 10549	CLS Flip Loan Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(2,7) 10559	Capitalization (HDB CLSSERV LLCSMS LLCSSS)
(3,2) 10569	Loan Prepayment Penalty (HDB CLSSERV LLCSMS LLCSSS)
(3,3) 10580	Additional Rate Tiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(3,4) 10584	Reserve Deposits (HDB CLSSERV LLCSMS LLCSSS)
(3,5) 10585	Mortgage Demographic (HDB CLSSERV LLCSMS LLCSSS)
(3,6) 10587	CLS Govt Subsidy Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(3,7) 17210	LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
(4,2) 17215	LPS Sorted Transaction (SDB SFTO215 SFTO2151 SFTO2152 SFTO2153 SFTO2154 SFTO2155 SFTO2156 SFTO2157 SFTO2158 SFTO2159 SFTO215A SFTO215B SFTO215C SFTO215D SFTO215E SFTO215F SFTO216 SFTO217)
(4,3) 17220	LPS Batch Tickler (SDB SFTI220 SFTO2201 SFTO2202 SFTO2203 SFTO2204 SFTO2205 SFTO2206 SFTO2207 SFTO2208 SFTO2209 SFTO220A SFTO220B SFTO220C SFTO220D SFTO220E SFTO220F SFTO221)
(4,4) 17600	Lpsicf Base Datagroup (HDB LPSICF)
(4,5) 17602	LPS ICF Control Datagroup (HDB LPSICF)
(4,6) 220738	Deferred Update SDB For Lpsicf (SDB L10ICFI L10ICFO)
(4,7) 29703	Lpsrchg Defer Update Utilit (SDB L10RTCI L10RTCO)
(5,2) 29809	LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
(5,3) 30096	Loan Service Float Details (HDB CLSSERV LLCSMS LLCSSS)
(5,4) 36500	GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
(6,1) F38910	Retrieve Event Broadcast Control Flag
(6,2) L20041	Split Billing Table Build
(6,3) L20566	Loan Fee Tabling Program
(6,4) L20708	End Of Account For Participation Batch
(6,5) L20729	Automatic Charge Off Driver Program
(6,6) L20730	Automatic Non Accrual Driver Program
(6,7) L20735	Investor Loan Selection Expire
(7,1) L20740	Noni Honi ILP Datagroups Routine
(7,2) L20750	Automatic Status Chg For Mort End Date
(7,3) L20786	CDMF Read Program For New Technical Pcds
(7,4) L20793	Schemes Tabling Program
(7,5) L27150	Borrower Interface
(7,6) L29602	PCD Read For Sequence Random Batch Process
(7,7) L29703	Lpsrchg Request Utility Program
(8,1) L29954	Calculation Available Balance For Loan Commitment
(8,2) L50007	LPS Re Write Database HDB Clsserv
(8,3) L50010	Environment Driver
(8,4) L50086	Implode Reject
(8,5) L50156	Checkpoint History Build
(8,6) L50159	Pass Through Accrual Adjustment
(8,7) L50407	Maintenance INIT For Loan

- (9,1) L50509 Accrual G L Interface Build
- (9,2) L50565 Billing Schedule Build
- (9,3) L50665 Build Prepayment Table
- (9,4) L50670 Bring Accrual To Date
- (9,5) L50673 Adjustment Accrual After Post
- (9,6) L50707 LPS Batch Sequence Driver
- (9,7) L50710 LPS Set Report Flag
- (10,1) L50715 LPS Batch Report Processing
- (10,2) L50717 LPS Batch Report Processing
- (10,3) L50718 LPS Batch Report Processing
- (10,4) L50720 ILP Force Close Program
- (10,5) L50727 Loan Batch End Of Loan Driver
- (10,6) L50744 Process Rate Change
- (10,7) L50925 Prt Batch Processing
- (11,1) L50937 Issue TCB User CC Report Lr30072 Implode
- (11,2) 10100 SPS LPS Set Product Company Fo Co Exit
- (11,3) 10109 Add Exception Audit Report
- (11,4) 10180 Company Products Processed This Run
- (11,5) 10188 Tickler Items

L50744 - Rate Change



Objects: (row, column) 7/11/2003 12:28:48 PM

- (1,1) 010_205 LPS Batch Post
- (2,1) L50706 LPS Batch Processing Driver
- (3,1) L50744 Process Rate Change
- (3,2) 17390 Checkpoint Processing PCD
- (3,3) 17407 Product Code PCD
- (3,4) 17431 Loan Type Control PCD

(3,5) 220606 ILP Troubled Debt Control
(4,2) Datagroup: 1 P49000D User TCB
(4,3) Datagroup: 1452 I57101D PCD Control Block
(4,4) 17008 LPS Date Edit Work
(4,5) 17063 History Work Area
(4,6) 17211 Save Int Transaction Datagroup
(4,7) 17565 Billing Shed Wk Datagroup
(5,2) 17640 Ppst Post Wk Datagroup
(5,3) 17670 Rate Fee Table Datagroup
(5,4) 17673 Accrual Work Datagroup
(5,5) 17700 LPS Batch Work
(5,6) 17701 Lr30072 Report Work Datagroup TCB User
(5,7) 17735 Loan Date INIT
(6,2) Datagroup: 2000 T58001D Date Control Block
(6,3) 210670 Rmods\limits\tiers Table Data
(6,4) 220793 Scheme Table Work Data Group
(6,5) 29810 LPS Internal Transaction Extend
(6,6) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
(7,2) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
(7,3) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
(7,4) 10506 Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(7,5) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
(7,6) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(7,7) 10510 Rate Modifiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(8,2) 10525 Pending Change Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(8,3) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
(9,1) L50010 Environment Driver
(9,2) L50086 Implode Reject
(9,3) L50156 Checkpoint History Build
(9,4) L50674 Rate Change Processing
(9,5) L50675 Buydown Rate Change Program
(9,6) L50937 Issue TCB User CC Report Lr30072 Implode
(9,7) 10101 File Maintenance Input List
(10,1) 10105 Rejected File Maintenance



Notice about Rate Change

- Tickler datagroup
- Pending Rate Change Datagroup (10525)
- Where all the PCD's are used

Payment Modifiers



Payment Modifiers

- Ways to change the payment schedule over the life of the loan
- Frequently related to rate modification



Principle:
Payment Modification is based
on not knowing in advance the
exact nature of the changes

If we knew, the entire billing schedule
would have been created at setup

L12335 - Add Payment Modifiers



Objects: (row, column)4/18/2003 2:28:25 PM

(1,1) CLSLSET Lset Product Selection Screen
(1,2) CLSRCST Recast Setup Screen
(1,3) CLSRNEG Renegotiate Debt Setup Screen
(2,1) L12335 Add Payment Modifier
(2,2) CLSSERV Loan Service Data Base
(2,3) LLCSMS Loan Service Data Base
(2,4) LLCSSS Loan Service Data Base
(3,2) 17473 Lending Policy PCD
(3,3) 17479 Payment Modifiers PCD
(6,1) I47012 Deposit Get Product Environment
(6,2) L50008 LPS Simple Date Edit
(6,3) L50100 Amortization Payment Calculation Program



Notice about Payment Modifier Setup

- PCD 17496 Controls, keyed by lending policy and billing code
- Screen PIPM (part of LSET) to enter loan payment modifiers
- PCD 17496 will come into play to set limits

L50737 - Payment Change



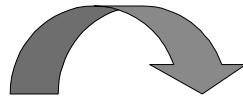
Objects: (row, column) 7/11/2003 12:33:31 PM

- (1,1) L50706 LPS Batch Processing Driver
- (1,2) L50707 LPS Batch Sequence Driver
- (1,3) L50925 Prt Batch Processing
- (2,1) L50727 Loan Batch End Of Loan Driver
- (3,1) L50737 Payment Mods Program
- (3,2) BORMAST Loans Borrower Support System Borrower Master Database
- (3,3) CLSSERV Loan Service Data Base
- (3,4) LLCSMS Loan Service Data Base
- (3,5) LLCSSS Loan Service Data Base
- (4,2) L10EXPI 17210 Transaction Input
- (4,3) L10EXPO Transaction Output In 17210 Format
- (4,4)
- (5,2) 1699 Sft Floating Rate
- (5,3) 17390 Checkpoint Processing PCD
- (5,4) 17459 Post Transaction Code PCD
- (5,5) 17473 Lending Policy PCD
- (5,6) 17479 Payment Modifiers PCD
- (7,1) L12158 Detail Rate Chg Notice Lr10158
- (7,2) L43451 Flip Payment Mods Processing Module
- (7,3) L50010 Environment Driver
- (7,4) L50093 Add Addon Intr To Curr Balance For Report
- (7,5) L50100 Amortization Payment Calculation Program
- (7,6) 10101 File Maintenance Input List
- (7,7) 10105 Rejected File Maintenance
- (8,1) 30022 Implode MLS 30022
- (8,2) 30023 Implode MLS 30023

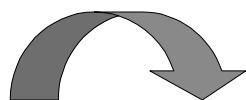


Payment Change within Processing

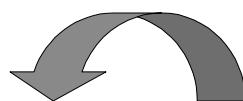
All daily financial transactions posted



Rate change processing

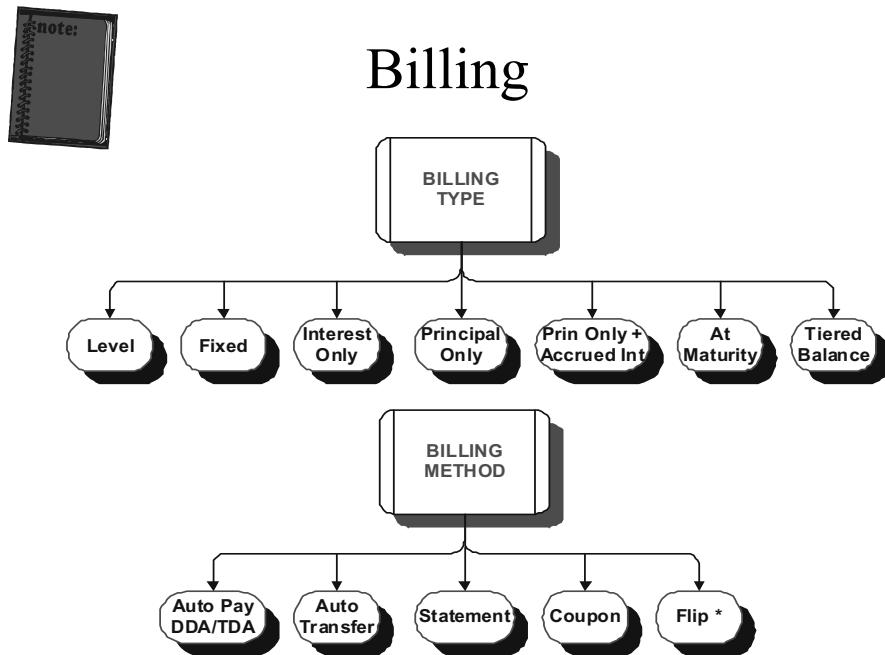


Payment Change Processing



Billing

Billing



L50728 - Billing

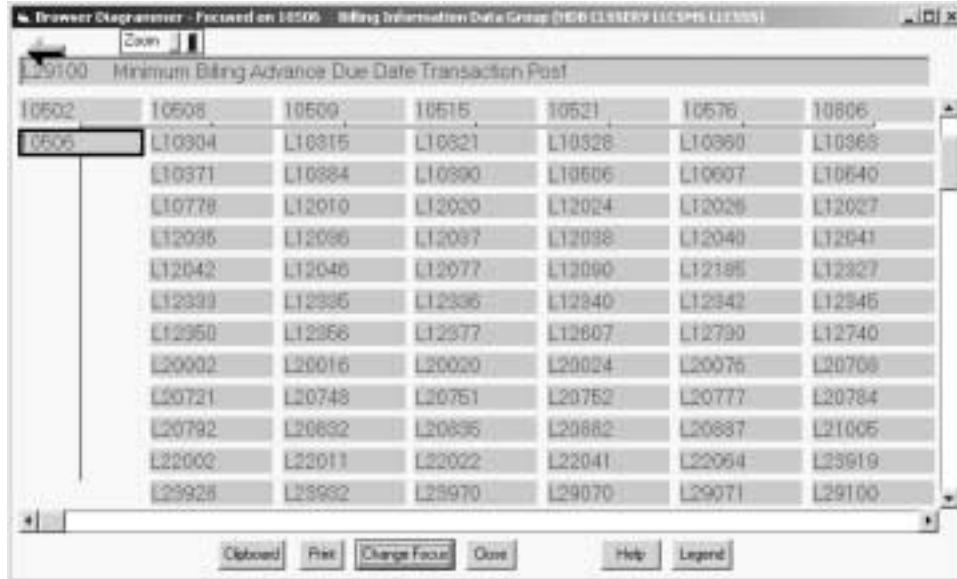


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- (1,1) L50706 LPS Batch Processing Driver
- (1,2) L50707 LPS Batch Sequence Driver
- (1,3) L50925 Prt Batch Processing
- (2,1) L50727 Loan Batch End Of Loan Driver
- (3,1) L50728 ILP Batch Billing Processer
- (3,2) BORMAST Loans Borrower Support System Borrower Master Database
- (3,3) CLSATF Loan Service Data Base
- (3,4) CLSCOMM Commitment Data Base
- (3,5) CLSPART CLS Loan Participation Service
- (3,6) CLSSERV Loan Service Data Base
- (3,7) ILPCBDT ILP Combine Billings Invoice Data Base
- (4,2) LLCAMS CLS Transaction History Data Base
- (4,3) LLCASS CLS Transaction History Data Base
- (4,4) LLCSMS Loan Service Data Base
- (4,5) LLCSSS Loan Service Data Base
- (5,2) L10CBII Combine Billing Deferred Update Transaction
- (5,3) L10CBIO Ilpcbdt Update Transaction
- (5,4) L10EXPI 17210 Transaction Input
- (5,5) L10EXPO Transaction Output In 17210 Format
- (5,6)
- (5,7) SFTI733 Loans Billing Transaction Procs Hognvbil
- (6,2) SFTI734 Combine Billing Trigger File
- (6,3) SFTI735 Scheme Billing Trigger File
- (6,4) SFTO728 Write LPS Automated Clearing Interface
- (6,5) SFTO733 LPS Billing Trigger File
- (6,6) SFTO734 ILP Combine Billing Trigger File

(6,7) SFT0735 Scheme Billing Trigger File
(7,2) PCD: 1601 T50901D P Bank Name Address
(7,3) 17360 Pcd17360 For Ready Credit
(7,4) 17417 Reserve Int Controls
(7,5) 17431 Loan Type Control PCD
(7,6) 17434 Billing Amount Control PCD
(7,7) 17444 LPS Accrual Calculation PCD
(8,2) 17447 Accrual Rebate Calculation Activity PCD
(8,3) 17450 Fee Calculation PCD
(8,4) 17473 Lending Policy PCD
(8,5) 17476 LPS Batch Loan Processing
(8,6) 17489 Automatic Pay Processing Datagroup
(8,7) 17497 PCD 17497 Insurance Defaults
(9,2) 220614 ILP Autopay Notice Message PCD
(9,3) 30513 Loans User Interface Option Ac
(10,1) L20786 CDMF Read Program For New Technical Pcds
(10,2) L27150 Borrower Interface
(10,3) L29600 Loan Interface To OCS Through SIM Or SDB
(10,4) L29738 Create Lhb Database During Lset
(10,5) L32102 XLS Disburse Payment Driver
(10,6) L50010 Environment Driver
(10,7) L50019 Real Time Igen Post
(11,1) L50040 Payoff Quote
(11,2) L50086 Implode Reject
(11,3) L50093 Add Addon Intr To Curr Balance For Report
(11,4) L50100 Amortization Payment Calculation Program
(11,5) L50558 As Earned Insurance Premium Accrual
(11,6) L50668 Interest On Reserve Post Controller
(11,7) L50673 Adjustment Accrual After Post
(12,1) L50692 Accrual Rebate Calculation
(12,2) L50696 Accrual Simple Int
(12,3) L50738 CLS Automatic Pay Processing
(12,4) L50937 Issue TCB User CC Report Lr30072 Implode
(12,5) 10109 Add Exception Audit Report
(12,6) 10130 Billed Amounts Charge To Deposit Accounts
(12,7) 10302 Scheme Autopay Transaction Input List
(13,1) 10304 Scheme Autopay Transaction Post List
(13,2) 10525 Autopay Notice

Billing Information DG 10506



Objects: (row, column) 7/11/2003 12:39:51 PM

- (1,1) **10502** Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (1,2) **10508** Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
- (1,3) **10509** Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,4) **10515** LPS Insurance Data Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,5) **10521** Loan Payment Mods (HDB CLSSERV LLCSMS LLCSSS)
- (1,6) **10576** Payment Limits Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,7) **10806** Loan Historical Billing Lhb (HDB LHB LLHBMS LLHBSS)
- (2,1) **10506** Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
- (2,2) **L10304** Loan Code Maintenance Screen
- (2,3) **L10315** Loan Ins Maintenance
- (2,4) **L10321** Payment Mods Maintenance
- (2,5) **L10328** Demand Beneficiary Create Update
- (2,6) **L10360** Lmcm Screen
- (2,7) **L10363** After Post Controller For Demand Call
- (3,2) **L10371** Prepayment Penalty Calculator
- (3,3) **L10384** CLS Reserve Deposit
- (3,4) **L10390** Loan Payment Breakdown
- (3,5) **L10506** Billing Inquiry Driver
- (3,6) **L10607** Billing Restructure Post
- (3,7) **L10640** Request Coupon Book
- (4,2) **L10778** Disclosure Inquiry
- (4,3) **L12010** Add Can As Earned Insurance
- (4,4) **L12020** Rate Mods Tier Limit Inquiry Maintenance Program
- (4,5) **L12024** Billing Restructure Summary Screen Program
- (4,6) **L12026** Verification Of Repayment Schedule
- (4,7) **L12027** ILP Billing Restructure Detail

(5,2) L12035 Billing Summary Driver 1 10
 (5,3) L12036 ILP Billing Inquiry Summary 11 20
 (5,4) L12037 ILP Billing Schedule Inquiry Detail
 (5,5) L12038 ILP Billing Inquiry Additional Detail
 (5,6) L12040 Reprint Rebill Billing Statement
 (5,7) L12041 Loan Autopayment Data Maintainence
 (6,2) L12042 ILP Billing Schedule Change Detail
 (6,3) L12046 Billing Due Date Maintenance Program
 (6,4) L12077 Recast Profile Funding Program
 (6,5) L12090 Amount Capitalized Setup Screen
 (6,6) L12185 Create DB2 Extract File Loan
 (6,7) L12327 Lset Add Escrow
 (7,2) L12333 Lset Write Loan Data Base
 (7,3) L12335 Add Payment Modifier
 (7,4) L12336 Add Payment Limit For Lset
 (7,5) L12340 Lset Billing Schedule Screen Driver
 (7,6) L12342 Lset Billing Schedule Replenish Table From Database
 (7,7) L12345 Lset Billing Schedule Write Table To Database
 (8,2) L12350 Lset Profile Funding Program
 (8,3) L12356 Funding Sub Program Membership Charge
 (8,4) L12377 Capitaliation Maintenance Screen
 (8,5) L12607 Dealer Reserve Charge Bck At Ln Payoff Chargeoff
 (8,6) L12730 Loan Batch Add Driver
 (8,7) L12740 Build Batch Add Driver Test Transaction
 (9,2) L20002 Insurance Setup Within Ldsm
 (9,3) L20016 Memo General Loan Inquiry
 (9,4) L20020 Lavi Available Balance Inquiry
 (9,5) L20024 Ldsm Screen Program
 (9,6) L20076 Loan Arrear Restructure Setup Larr
 (9,7) L20708 End Of Account For Participation Batch
 (10,2) L20721 Post Controller For Dormant Account
 (10,3) L20748 Fee Post Program
 (10,4) L20751 Calculate New Dates Program
 (10,5) L20752 Write Tabled Billing Schedule
 (10,6) L20777 Read Loan Data For Investor Accounting
 (10,7) L20784 Captz Next Date Calculation
 (11,2) L20792 Create Credit Bureau File Metro2 Format
 (11,3) L20832 Insurnace Renewal On Poa
 (11,4) L20835 Scheme Report Driver
 (11,5) L20882 Automatic Payment Change Module
 (11,6) L20887 Post Cure Transaction
 (11,7) L21005 Billing Summary Inquiry
 (12,2) L22002 Transaction Recap Request Driver
 (12,3) L22011 Fee Add Delete Screen Driver
 (12,4) L22022 Maintain Financed Insurance
 (12,5) L22041 Miscellaneous Billing Schedule Screen Driver
 (12,6) L22064 Dealer Number Change Post Controller
 (12,7) L23919 Clsserv Conversion For Rls 1 3 Upgrade
 (13,2) L23928 Clsserv Conversion From Rls 1 3 1 To 1 3 1
 (13,3) L23932 Clsserv Conversion Rls 1 3 1 To Rls 2
 (13,4) L23970 Fee Check Point Conversion Rebuild Program
 (13,5) L29070 Amortize Net Fee And Cost
 (13,6) L29071 Before Post Accrual For FASB 91 Fee Cost
 (13,7) L29100 Minimum Billing Advance Due Date Transaction Post

Billing Information DG 10506 (cont.)

17737 Payment Mods Work Datagroup						
L29928	L28982	L29970	L29070	L29071	L29100	
L29101	L29102	L29200	L29606	L29612	L29625	
L29639	L29641	L29655	L29659	L29728	L29738	
L29904	L29906	L29967	L29969	L29980	L29982	
L29983	L32073	L36113	L39168	L39125	L39237	
L39724	L41140	L41193	L41199			
10406	10436	10487	10492	10502	10508	
10521	10523	10527	10557	10576	10606	17210
17733	210116	210700	220712	220736	41519	10313
10521	10380	10390	10573	10640	10778	19530
17008	17009	17035	17036	17100	17177	17182
17225	17284	17565	17566	17599	17661	17671
17673	17700	17702	17708	17722	17731	17737

Objects: (row, column) 7/11/2003 12:42:17 PM

- (1,2) L23928 Clsserv Conversion From Rls 1 3 1 To 1 3 1
- (1,3) L23932 Clsserv Conversion Rls 1 3 1 To Rls 2
- (1,4) L23970 Fee Check Point Conversion Rebuild Program
- (1,5) L29070 Amortize Net Fee And Cost
- (1,6) L29071 Before Post Accrual For FASB 91 Fee Cost
- (1,7) L29100 Minimum Billing Advance Due Date Transaction Post
- (2,2) L29101 Close LOC And Activate Payout Schedule
- (2,3) L29102 Activate Maturity Schedule
- (2,4) L29200 EBS ILP To Ias Transaction Interface
- (2,5) L29606 Update Date Paid On Ilpcbdt Data Base
- (2,6) L29612 ILP Billing Maintenance Set Up Post Controle
- (2,7) L29625 Partial Discharged After Post Control
- (3,2) L29639 Rate Change Issue To Add Accrual
- (3,3) L29641 Bump Rate Change Dates
- (3,4) L29655 Update Date Paid On Ilpcbdt Data Base
- (3,5) L29659 Billing Due Date Maintenance Post
- (3,6) L29728 ILP Backdate Billing Amount Calculation
- (3,7) L29738 Create Lhb Database During Lset
- (4,2) L29904 Build CCP Billing Datagroup 10506
- (4,3) L29966 Scheme Billing Maintenance Edit Controller
- (4,4) L29967 Scheme Billing Maintenance Post Controller
- (4,5) L29969 Maturity Extension Billing Schedule
- (4,6) L29980 Promotional Extension Pre Post Controller
- (4,7) L29982 Promotional Extension Post
- (5,2) L29983 Promotional Extension After Post Extend Dates
- (5,3) L32073 LPS Pre Post Driver

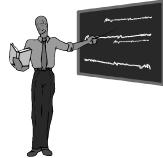
(5,4) L35113 LSM Repurchase Post Controller
 (5,5) L39108 LSM Amoritization Calculation
 (5,6) L39125 LSM Report Utility Program
 (5,7) L39237 Loan Company Screen Prg Format CLS Datagroups
 (6,2) L39724 LSM Report Lr39624 Sub Module
 (6,3) L41140 Blended Rate Driver
 (6,4) L41393 Transfer To Service
 (6,5) L41399 Mla Billing Transfer
 (7,1) 10406 Billing History Information Data Group (HDB CLSATF LLCAMS LLCASS)
 (7,2) 10486 Scheme Demographics Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (7,3) 10487 LPS Scheme Demographics Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (7,4) 10492 Split Billing Information Data Gr (HDB CLSSERV LLCSMS LLCSSS)
 (7,5) 10493 Split Billing Autopay Data Group (HDB CLSSERV LLCSMS LLCSSS)
 (7,6) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
 (7,7) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
 (8,1) 10521 Loan Payment Mods (HDB CLSSERV LLCSMS LLCSSS)
 (8,2) 10523 Other Billing Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (8,3) 10527 Automatic Payments (HDB CLSSERV LLCSMS LLCSSS)
 (8,4) 10557 Flip Automatic Payment Informa (HDB CLSSERV LLCSMS LLCSSS)
 (8,5) 10576 Payment Limits Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (8,6) 10806 Loan Historical Billing Lhb (HDB LHB LLHBMS LLHBSS)
 (8,7) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
 (9,1) 17733 LPS Billing Data Group (SDB SFTI733 SFTI734 SFTO733 SFTO734)
 (9,2) 210116 DB2 Extract (SDB L12IBIO)
 (9,3) 210700 ILP Batch Add Input Datagroup 210700 (SDB ILPI700 ILPO700)
 (9,4) 220712 Fnma Service File (SDB L39SRVO)
 (9,5) 220736 Defer Update SDB For Ilpcbd (SDB L10CBII L10CBIO)
 (9,6) 41519 Mla Automatic Payment Datagroup (HDB MLAAPPL)
 (9,7) 10313 Screen Data Group For Program L104
 (10,1) 10321 L10321m Screen Datagroup
 (10,2) 10360 Lmem Screen Datagroup
 (10,3) 10390 Loan Payment Breakdown
 (10,4) 10573 Delinquency Aging Data Group
 (10,5) 10640 Cupn Req Screen Datagroup
 (10,6) 10778 Disclosure Inquiry Screen Datagroup
 (10,7) 13530 Account # Edit Wk Area
 (11,1) 17008 LPS Date Edit Work
 (11,2) 17009 Datagroup 101 GENP For ILP
 (11,3) 17035 Simple Int Work
 (11,4) 17036 Billing Work Data Group
 (11,5) 17100 Amortization Payment Calculation Work
 (11,6) 17177 Work Datagroup For L50177
 (11,7) 17182 Work Datagroup For L50182
 (12,1) 17225 Insurance Work Datagroup
 (12,2) 17284 Reserve Analysis Calculation
 (12,3) 17565 Billing Shed Wk Datagroup
 (12,4) 17566 Billing Shed Wk Datagroup
 (12,5) 17599 Lgen Work Datagroup
 (12,6) 17661 Ppst Post Wk Datagroup
 (12,7) 17671 Accruals Dates Work
 (13,1) 17673 Accrual Work Datagroup
 (13,2) 17700 LPS Batch Work
 (13,3) 17702 ILP Clsserv Datagroups All INIT Work
 (13,4) 17708 Wrk Datagroup
 (13,5) 17722 Payment Change Notice Work Datagroup

(13,6) 17731 **Billing Work Datagroup**
(13,7) 17737 **Payment Mods Work Datagroup**



Important Fields in DG 10506

- CLS-LBL-PRE-BILL-DAYS days prior to payment due date that billing occurs
- CLS-LBL-BILLING-START-DATE date billing schedule becomes active
- CLS-LBL-DATE-BILLING-ENDS date of last billing



Principle: Billing Schedule

There may be many billing schedules on a loan, but only one is in effect at a given time

Other billed items may be attached to a billing schedule



Billing Schedule Types...

- LVL - constant principle plus interest
- INT,PRN - bill for interest or fixed principle
- BAI - fixed principle plus all accrued interest
- PCT - percent calculated using PCD 17434
- EXT - schedule to use in extension period
- FEE - bill for fees only



...Billing Schedule Types

- MAT - bill all remaining at maturity
- TIR - Ready Credit tiered billing (PCD 17360)
- FIX - Fixed payment Ready Credit (PCD 17360)
- CAP - Capitalized charge billing
- ICP - Interest billing (ANB Capitalization)
- LCP - Level billing (ANB Capitalization)



Billing Methods

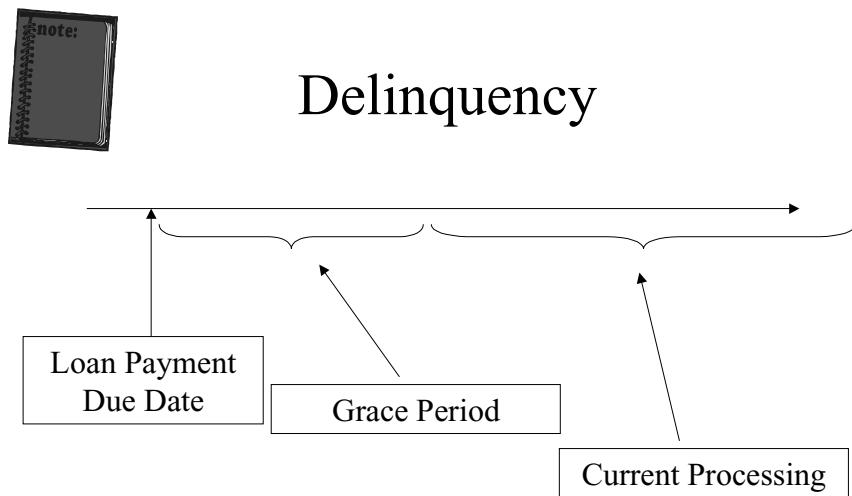
- A - Automatic payment from ACH
- C - Coupon Book (schedule type LVL, PCD 17453)
- D - Automatic Payment from DDA/TDA (PCD 17489)
- S - Statement Billing Summary
- I - Statement Billing Detail
- F - Flip (subsidized billing)



Notice about Billing

- PCD 17434 use in schedule type PCT
- Other related PCDs
- Primary Output File SFT0733
- Other Output Files

Delinquency





Your Turn: What are some things we might do with a delinquent loan?

Delinquency Processing

The screenshot shows a software application window titled "CLS Delinquency Process". The window contains a grid of data with the following columns:

	17441	220662	220656			
L50725	/	10673	17008	17029	17211	17585
	17633	17661	17700	17701	17725	17736
	2000	29860	29810	29990	45103	46852
	10501	10502	10505	10506	10509	10529
	10549	17210				
L12605	L12608	L26037	L29600	L29990	L50010	L50011
L50019	L50025	L50066	L50094	L50997		

At the bottom of the window, there are several buttons: Clipboard, Print, Change Focus, Close, Help, and Legend.

Objects: (row, column)4/21/2003 2:56:27 PM

(1,1) L50706	LPS Batch Processing Driver
(1,2) L50707	LPS Batch Sequence Driver
(1,3) L50925	Prt Batch Processing
(2,1) L50727	Loan Batch End Of Loan Driver
(3,1) L50725	CLS Delinquency Process
(3,2) 17441	LPS Late Charge PCD
(3,3) 220652	Cashback Control PCD
(3,4) 220656	Cure Data PCD
(4,2) Datagroup: 1	P49000D User TCB
(4,3) 10573	Delinquency Aging Data Group
(4,4) 17008	LPS Date Edit Work
(4,5) 17029	Late Charge Calculation Wk Datagroup
(4,6) 17211	Save Int Transaction Datagroup
(4,7) 17565	Billing Shed Wk Datagroup
(5,2) 17633	Delinquent Work Datagroup
(5,3) 17661	Ppst Post Wk Datagroup
(5,4) 17700	LPS Batch Work
(5,5) 17701	Lr30072 Report Work Datagroup TCB User
(5,6) 17725	Delinquent Counter Work Datagroup
(5,7) 17735	Loan Date INIT
(6,2) Datagroup: 2000	T58001D Date Control Block
(6,3) 29600	Loans Interface To OCS Program L29
(6,4) 29810	LPS Internal Transaction Exten
(6,5) 29990	Past Due Service Access Work
(6,6) 43103	Flip Subsidy Loan Data Table
(6,7) Datagroup: 48552	U48551D Format 1301 Sub Datagroup
(7,2) 10501	Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
(7,3) 10502	Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
(7,4) 10505	Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(7,5) 10506	Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(7,6) 10508	Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
(7,7) 10529	Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
(8,2) 10549	CLS Flip Loan Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(8,3) 17210	LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
(9,1) L12605	CLS Delinquency Processing PCD 17358
(9,2) L12608	ILS Cure Notices
(9,3) L20837	Cashback Revoked Processing
(9,4) L29600	Loan Interface To OCS Through SIM Or SDB
(9,5) L29990	Past Due Service Access Program
(9,6) L50010	Environment Driver
(9,7) L50011	Real Time Post Dr
(10,1) L50019	Real Time Igen Post
(10,2) L50025	Calculate Late Charge
(10,3) L50086	Implode Reject
(10,4) L50094	Commitment Late Charge Calculation
(10,5) L50937	Issue TCB User CC Report Lr30072 Implode



Your Turn: Delinquency
Processing may write a “Tickler”
to itself. What might this be
about



Actions With a Delinquent Loan

- Update DG 10505 accumulators
- Assess late charges per PCD 17441
- Past due aging DG 10573 created
- Delinquency Action activity executed from PCD 17441 which may
 - Create a delinquency notice
 - Send to OCS
 - both



Exercise

- Suppose a delinquent loan is sent to OCS
 - What program does the delinquency processor call for this?
 - What is the SIM function?
 - On what ILP report can I find that this interaction took place?
 - What OCS program is called?

Objectives



To identify:

- The procs, jobsteps and procsteps
- The sources of input transactions
- The files created and updated
- The processing difference between sequential and random processing
- The major processing drivers and their functions

Overview of the Batch JCL Procedures

The requirements for batch processing vary with the individual customer's product mix and processing needs. In order to present a generic view of batch processing, the delivered test cycle JCL is used as a prototype.

The test cycle JCL is delivered as a series of jobs, each of which contains one or more PROCs. The execution JCL for each job is delivered in one large member called ILP130VJ (VSAM databases) or ILP130IJ (DL/I databases).

Note: The jobs in ILP130VJ or ILP130IJ may have been placed in a partitioned data set (PDS) during installation. In this case, the job names mentioned in this chapter and are the same as the PDS member names.

The Loans System daily batch processing cycle consists of 13 individual jobs with back up, restore, and restart capabilities between each job. The following table lists the 13

individual jobs and the procedures executed within each job. It also provides a brief description of each procedure's purpose.

Job / Step Name	Procedure (VSAM or DL/I)	Description
ILPJS001		
JS010	HOGNVLSD HOGNILSD	Sets the cycle process date
JS020	HOGNVLRC HOGNILRC	Performs rate change preprocessing
JS030	HOGNVLOC HOGNILOC	Performs Outstanding Transaction Processing (OTP) and Cycle Data System (CDS) release functions
JS040	HOGNVINT HOGNIINT	Performs miscellaneous file initialization
ILPJS002		
JS010	HOGNVCOL HOGNICOL	Passes the Collateral database (COLLDB) to provide collateral reporting and updates the Pending Insurance Disbursements HDB
JS020	HOGNVPID HOGNIPID	Creates the PID transactions to be fed to servicing
JS030	HOGNVCT1 HOGNICT1	Performs tax disbursement updates to the Collateral Tax database
JS040	HOGNVCT2 HOGNICT2	Produces tax servicing reports
JS050	HOGNVCT3 HOGNICT3	Creates tax transactions to be fed to servicing
ILPJS003		
JS010	HOGNVMLA HOGNIMLA	Executes the Mortgage Loan Application System (MLA) production cycle
ILPJS004		
JS005	HOGNVFLT HOGNIFLT	Executes Final Bulk Loan Transfer process
JS010	HOGNVCL1 HOGNICL1	Executes online report and transaction split followed by build sort routine

Job / Step Name	Procedure (VSAM or DL/I)	Description
JS020	HOGNVCL2 HOGNCL2	Executes Loan Servicing cycle
JS030	HOGNVCL3 HOGNCL3	Executes deferred updates and Pass 1 reports
JS040	HOGNVMGR HOGNIMGR	Produces management reports
ILPJS005		
JS020	HOGNVLSM HOGNILSM	Secondary Marketing selection processing
ILPJS006		
JS010	HOGNVCT4 HOGNICT4	Performs the tax service file build and updates the collateral tax database
ILPJS007		
JS010	HOGNVLCM HOGNILCM	Executes the commitment production cycle
JS020	HOGNVSLG HOGNISLG	Student loan processing
JS030	HOGNVDLR HOGNIDLR	Performs dealer batch processing
JS040	HOGNVLOA HOGNILOA	Performs OTP batch add
JS050	HOGNVBIL HOGNIBIL	Creates coupons, bills, and so on, to be sent to customers
JS060	HOGNVCBL HOGNICBL	Creates Commitment bills, and so on, to be sent to customers
JS070	HOGNVLRA HOGNILRA	Performs reserve analysis processing and updates the CLSSERV and CLSATF databases
JS080	HOGNVPDC HOGNIPDC	Creates insurance disbursement data and updates the Pending Insurance Disbursement database
ILPJS008		
JS010	HOGNVPYS HOGNIPYS	Performs payee batch processing
ILPJS009		

Job / Step Name	Procedure (VSAM or DL/I)	Description
JS010	HOGNVGL3 HOGNIGL3	Performs Loans System GL warehouse function
JS020	HOGNVGL2 HOGNIGL2	Performs Loans System GL interface function
ILPJS010		
JS010	HOGNVLSP HOGNILSP	Produces second pass reports
JS020	HOGNVCMB HOGNICMB	Performs combined billing cycle
JS030	HOGNVCHK HOGNICHK	Performs check writer cycle
JS040	HOGNVBOR HOGNIBOR	Passes the Borrower database for update and reporting
JS050	HOGNVPLS HOGNIPLS	PEM log split
ILPJS011		
JS010	HOGNVLRF HOGNILRF	Resets in-progress indicator on the LPSICF database
ILPJS012		
JS010	HOGNVLBL HOGNILBL	Produces a report to aid in the balancing process
ILPJS013		
JS010	HOGNBPEM / HOGNDPEM	Clears the LPSRPTS and LPSTXNS databases

Suggested Job Check-List

Job Name
1. Check run dates ICFM and tickler file SFT0220 (or report LR10188)
2. Close Loans System databases

1. ILPJSB00		
2. ILPJS001		
3. ILPJSB02		
4. ILPJS002		
5. ILPJSB03		
6. ILPJS003		
7. ILPJSB04		
8. ILPJS004		
9. ILPJSB05		
10. ILPJS005		
11. ILPJSB06		
12. ILPJS006		
13. ILPJSB07		
14. ILPJS007		
15. ILPJSB08		
16. ILPJS008		

17. ILPJS009		
18. ILPJSB10		
19. ILPJS010		
20. ILPJSB11		
21. ILPJS011		
22. ILPJS012		
23. ILPJS013		
24. ILPJSB99		
25. ILPJS013		
26. ILPJSB99		

27. Open Loans System databases
28. Check TCB User Condition Code Report, LR30072
29. Check Company/Products Processed this Run, LR10180, report
30. Check Tickler Items, LR10188, report

Cycle Types

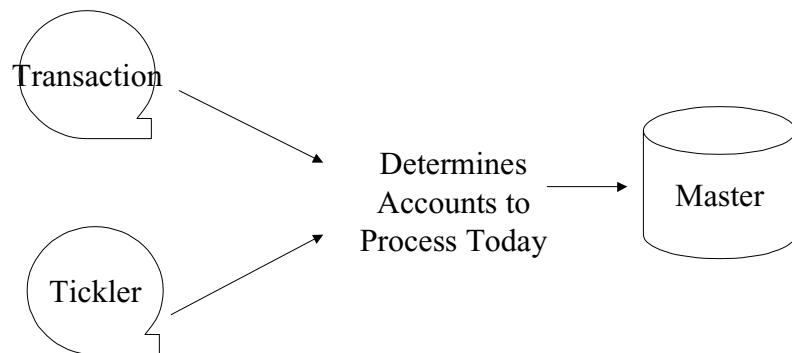


Two Types of Batch Processing

- Skip Sequential (Most of the time)
- Full Sequential (Usually once a month)



Skip Sequential





Your Turn: Why Skip Sequential?



Your Turn: Why Full Sequential?

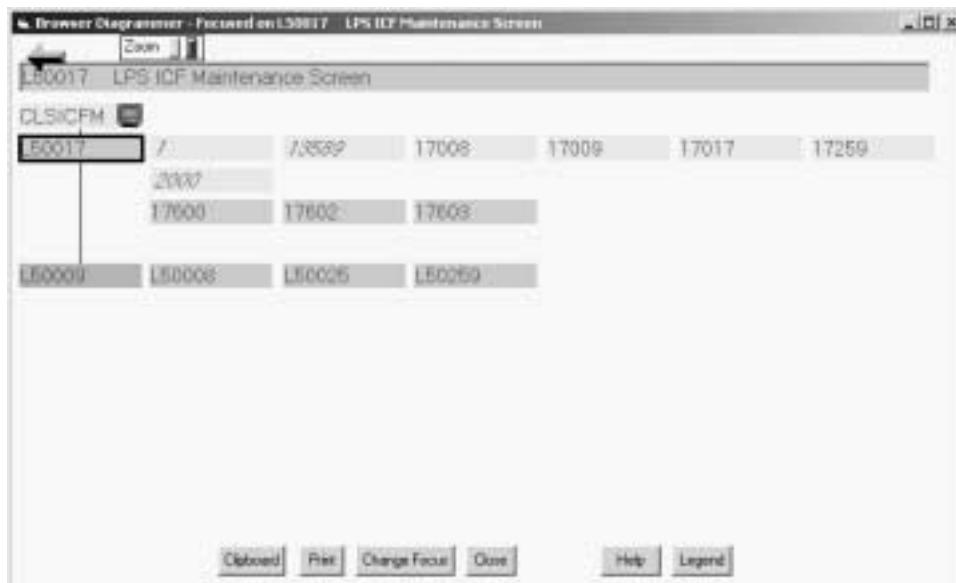
Institution Control File



Institution Control File

- Contains Last Assigned Loan, Collateral, Borrower... Number
- Identifies Processing Date and when next full sequential pass due
- Keyed by company, product
- Default company (8888) entry also needed to set processing date (if not provided through JCL)

L50017 - ICF Maintenance



Objects: (row, column) 7/11/2003 12:49:25 PM

- (1,1) CLSIGFM LPS ICF Maintenance Screen
- (2,1) L50017 LPS ICF Maintenance Screen
- (2,2) Datagroup: 1 P49000D User TCB
- (2,3) Datagroup: 13589 I53589D FPS Comm Comunic Datagroup
- (2,4) 17008 LPS Date Edit Work
- (2,5) 17009 Datagroup 101 GENP For ILP
- (2,6) 17017 Lpsicf Screen Datagroup
- (2,7) 17259 Lpsicf Calculation Program Datagroup
- (3,2) Datagroup: 2000 T58001D Date Control Block
- (4,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (4,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (4,4) 17603 LPS ICF Last Nos (HDB LPSICF)
- (6,1) L50009 Format Generate Prt Output
- (6,2) L50008 LPS Simple Date Edit
- (6,3) L50025 Calculate Late Charge
- (6,4) L50259 ICF Dates Calculation

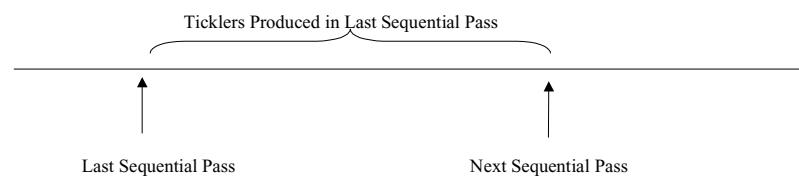


Notice About the ICF

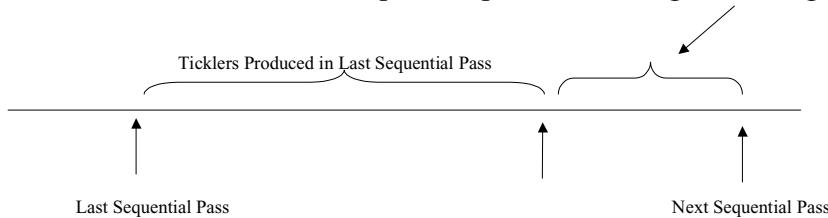
- Database Contents
 - Screen Functionality (change may be hazardous to the health of the batch cycle - security advised!)



Caution: Beware of “Tickler Gap”



If we move out the next sequential pass date , we get tickler gap





Your Turn:

- When can we change the next sequential pass date?

JOBS

ILPJS001



Job ILPJS001

- Sets the cycle process date
- Performs rate change preprocessing
- Performs Outstanding Transaction Processing (OTP) and Cycle Data System (CDS) release functions
- Performs miscellaneous file initialization

L50676 - Rate Change Preprocessor



Objects: (row, column) 4/24/2003 1:43:01 PM

- (1,1) ILPJS001 'ilp Job 001'
- (2,1) 10_217 Create Rate Change Ticklers
- (3,1) L50676 Daily Rate Change Processor Hognvlrc
- (3,2) 17407 Product Code PCD
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17008 LPS Date Edit Work
- (4,5) 17676 Rate Change Work Datagroup
- (4,6) 17701 Lr30072 Report Work Datagroup TCB User
- (4,7) Datagroup: 2000 T58001D Date Control Block
- (5,2) 220793 Scheme Table Work Data Group
- (5,3) 29429 Pcd17429 Table Work Data Group
- (5,4) 29810 LPS Internal Transaction Exten
- (5,5) Datagroup: 48776 U48010D Save CDMF Format Record For Rc
- (6,2) 10488 Loan Rate Reduction HDB Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (6,3) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (6,4) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (6,5) 10506 Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
- (6,6) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
- (6,7) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (7,2) 10510 Rate Modifiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (7,3) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (7,4) 17635 LPS Rchg Base (HDB LPSRCHG)
- (7,5) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
- (8,1) L20793 Schemes Tabling Program
- (8,2) L29429 Build Pcd17429 Table Program

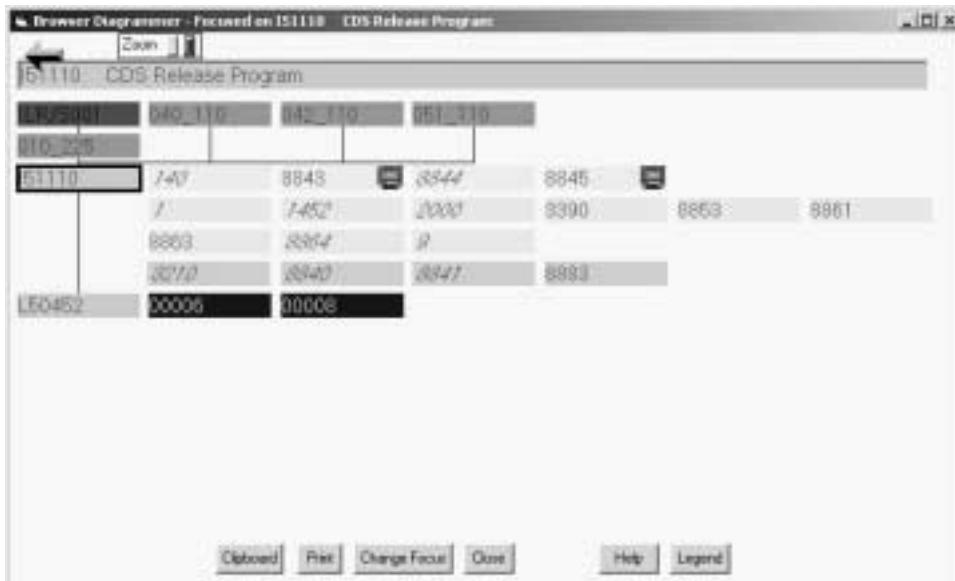
(8,3) L29935 INIT Extension Datagroup 29810
(8,4) L50685 Calculation Rate From Tier
(8,5) L50937 Issue TCB User CC Report Lr30072 Impplode



Notice About L50676

- Importance of PCD 17429 (Why don't we see it?)
- Why we have this preprocessor

I51110 - CDS Release



Objects: (row, column) 7/11/2003 12:53:31 PM

- (1,1) ILPJS001 ILP Job 001
- (1,2) TX!040_110
- (1,3) TX!042_110
- (1,4) 051_110 CDS Batch Release
- (2,1) 010_225 Release CDS
- (3,1) I51110 CDS Release Program
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 8843 CDS Company Control (HDB CDS)
- (3,4) PCD: 8844 I51144D PCD CDS Category Control
- (3,5) 8845 CDS PCD Transaction Control (HDB CDS)
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) Datagroup: 2000 T58001D Date Control Block
- (4,5) 3390 Checkpoint Counter
- (4,6) 8853 I51110 Wrkarea
- (4,7) 8861 Deblock Fod CDSParms
- (5,2) 8863 CDS Work Datagroup I51186
- (5,3) Datagroup: 8864 I51164D CDS SIM Wrk Datagroup
- (5,4) Datagroup: 9 P49809D User Exception Message
- (6,2) Stored Datagroup: 3210 T50810D T DDA Internal Transaction
- (6,3) Stored Datagroup: 8840 I51140D CDS Key Datagroup
- (6,4) Stored Datagroup: 8841 I51141D CDS Name Datagroup
- (6,5) 8883 CDS Combine Dynamic Datagroup (HDB CDS)
- (7,1) L50452 CDS Release Program
- (7,2) 00006
- (7,3) 00008 Purge Account Report

I45001 - OTP Release



Objects: (row, column) 4/25/2003 3:38:47 PM

- (1,1) I45011 OTP Standard Ols Driver
- (1,2) I45025 OTP OI NSF Driver
- (1,3) ILPJS001 ILP Job 001
- (1,4) 40_70 TDA OTP Batch Release
- (1,5) 42_71 DDA OTP Batch Release
- (1,6) 45_111 OTP Batch Release
- (1,7) TX!90_10003
- (2,1) I45022 OTP Release Format
- (2,3) 10_223 ILP OTP Release
- (3,1) I45001 OTP Release
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) PCD: 1618 T50918D SPS Report Flags
- (3,4) 9280 OTP PCD Company Control (SDB PRINT)
- (3,5) 9283 OTP PCD Disp Control (SDB PRINT)
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) Datagroup: 2000 T58001D Date Control Block
- (4,5) Datagroup: 9 P49809D User Exception Message
- (4,6) 9205 OTP Ols Common Datagroup
- (4,7) 9210 OTP Release Datagroup
- (5,2) 9213 OTP Checkpoint Restart Save Key
- (5,3) 9225 OTP NSF SPS Header
- (5,4) 9233 OTP PCD Disp Table
- (5,5) 9235 OTP PCD CCP Description
- (6,2) 9200 OTP Key Datagroup (HDB OTP OTPPG OTPSS)
- (6,3) 9201 OTP Control Datagroup (HDB OTP OTPPG OTPSS)

(6,4) 9202 OTP Transaction Datagroup (HDB OTP OTPPG OTPSS)
(6,5) 9203 OTP Totals Datagroup (HDB OTP OTPPG OTPSS)
(7,1) AP!I45050?
(7,2) G50006 GLI OTP Released Item
(7,3) G50037 GLI ILP Item From OTP
(7,4) I45031 OLT Interface Module
(7,5) I45036 Access PCD 9283
(7,6) I45042 OTP Table PCD 9283
(7,7) I45069 OTP Delete CLR CCP
(8,1) I45081 Release OLT Iface
(8,2) I45084 G L Int For Delete Item
(8,3) I45089 Loan OTP Release

ILPJS002

Job ILPJS002

- Passes the Collateral database (COLLDB) to provide collateral reporting and updates the Pending Insurance Disbursements HDB
- Creates the PID transactions to be fed to servicing
- Performs tax disbursement updates to the Collateral Tax database
- Produces tax servicing reports
- Creates tax transactions to be fed to servicing

L28100 - Collateral Report Selection

The screenshot shows a software interface titled "L28100 - Collateral Report Selection". The window has a toolbar at the top with buttons for "Zoom", "Print", "Change Focus", "Close", "Help", and "Legend". Below the toolbar is a header row with columns: BORMAST, BORRTRS, CUSCOMM, CLSPID, CLSSERV, and COLLDB. Underneath this header are several rows of data, each containing six columns corresponding to the header. The data rows are: 10619, 10934, 10935, 10936, 10942, 10943, 10944; 28002, 28003, 28004, 28005, 28006, 28007, 28008; 28009, 28010, 28011, 28012, 28013, 28014, 28015; 28016, 28017, 28018, 28019, 28020, 28021, 28022; and 28023, 28024, 28026, 28031, 28032, 28037, 28041.

BORMAST	BORRTRS	CUSCOMM	CLSPID	CLSSERV	COLLDB
10619	10934	10935	10936	10942	10943
28002	28003	28004	28005	28006	28007
28009	28010	28011	28012	28013	28014
28016	28017	28018	28019	28020	28021
28023	28024	28026	28031	28032	28037
10944	10945	10946	10947	10948	10949
28008	28009	28010	28011	28012	28013
28015	28016	28017	28018	28019	28020
28022	28023	28024	28025	28026	28027
28041	28042	28043	28044	28045	28046

Objects: (row, column)7/11/2003 12:57:27 PM

- (1,1) ILPJS002 ILP Pid Cycle
- (2,1) 028_2810 Collateral Sequence Pass Of Data Ba
- (3,1) L28100 Col Sequence Pass Report Detail
- (3,2) BORMAST Loans Borrower Support System Borrower Master Database
- (3,3) BORPTRS Loans Borrower Support System Borrower Pointers Database
- (3,4) CLSCOMM Commitment Data Base
- (3,5) CLSPID Pending Ins Premium Disbursements
- (3,6) CLSSERV Loan Service Data Base
- (3,7) COLLDB CLS Collateral Data Base
- (4,2) LLCLMS Pending Ins Premium Disbursements
- (4,3) LLCLSS Pending Ins Premium Disbursements
- (4,4) LLCSMS Loan Service Data Base
- (4,5) LLCSSS Loan Service Data Base
- (4,6) LPSICF Integrated Loans System Control File
- (5,2) SFTI165 Collateral Tax Service Work Input Datagroup 28
- (5,3) SFTI169 ILP Collateral Tax Database File In Processing Hogan
- (5,4) SFTO165 Collateral Tax Service Work Output Datagroup
- (5,5) SFTO169 Collateral Tax Database
- (6,2) 1602 P Branch PCD
- (6,3) 1671 PCD Officer Data
- (6,4) 17360 Pcd17360 For Ready Credit
- (6,5) 17385 Pending Ins Disbursements Datagroup
- (6,6) 17437 Coll Code Description PCD
- (6,7) 2510 P Name Address User Data
- (7,2) 28400 Col PCD Datagroup L28400d
- (7,3) 28442 Col PCD Datagroup L28442d
- (7,4) 28444 Col PCD Datagroup L28444d
- (7,5) 28460 Col Tickler Type Description PCD 2846
- (7,6) 28461 Collateral Tracking Code PCD
- (7,7) 28462 Collateral Disposition Code Pc
- (8,1) U50530 Account No Edit Rtn
- (8,2) L26120 Py Nameaddr Subrout
- (8,3) L28101 Col Get Report Switches
- (8,4) L50093 Add Addon Intr To Curr Balance For Report
- (8,5) L50259 ICF Dates Calculation
- (8,6) L50407 Maintenance INIT For Loan
- (8,7) T50300 Retrieve Act N
- (9,1) 10519 Implode MLS 30019
- (9,2) 10934 Vault Receipt Tracking
- (9,3) 10935 Implode Lr28035
- (9,4) 10936 Flood Letter Journal
- (9,5) 10942 Implode Lr28042
- (9,6) 10943 Collateral Exception Notice Journal
- (9,7) 10944 Collateral Exception Exposure By Severity Code
- (10,1) 28002 Implode Lr28002
- (10,2) 28003 Implode Lr28003
- (10,3) 28004 Implode Lr28004
- (10,4) 28005 Implode Lr28005
- (10,5) 28006 Implode Lr28006
- (10,6) 28007 Implode Lr28007
- (10,7) 28008 Implode Lr28008
- (11,1) 28009 Implode Lr28009
- (11,2) 28010 Implode Lr28010

(11,3) 28011	Implode Lr28011
(11,4) 28012	Implode Lr28012
(11,5) 28013	Implode Lr28013
(11,6) 28014	Implode Lr28014
(11,7) 28015	Implode Lr28015
(12,1) 28016	Implode Lr28016
(12,2) 28017	Implode Lr28017
(12,3) 28018	Implode Lr28018
(12,4) 28019	Implode Lr28019
(12,5) 28020	Implode Lr28020
(12,6) 28021	Implode Lr28021
(12,7) 28022	Implode Lr28022
(13,1) 28023	Implode Lr28023 Col Pricing
(13,2) 28024	Implode Lr28024
(13,3) 28026	Implode Lr28026
(13,4) 28031	Implode Lr28031
(13,5) 28032	Implode Lr28032
(13,6) 28037	Implode Lr28037
(13,7) 28041	Implode Lr28041



Notice About L28100

- Report Selection based on PCDs 1618 and 17404
- Tax Service Reporting File produced based on PCD 28444

L43454 - Create Disbursement Transactions



Objects: (row, column) 7/11/2003 12:59:33 PM

- (1,1) ILPJS002 ILP Pid Cycle
- (2,1) 010_454 LPS Clspid Create Ins Disburse
- (3,1) L43454 Automatic Ins Disburse Process Driver
- (3,2) 17385 Pending Ins Disbursements Datagroup
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 2000 T58001D Date Control Block
- (4,4) 29810 LPS Internal Transaction Extend
- (4,5) 43454 Pid Process Work Datagroup
- (4,6) 43900 Pid Work SPS Datagroup
- (5,2) 10470 Pending Ins Disbursements (HDB CLSPID LLCLMS LLCLSS)
- (5,3) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (5,4) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
- (5,5) 10529 Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
- (5,6) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (5,7) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
- (7,1) L29935 INIT Extension Datagroup 29810
- (7,2) 10521 Pid Input Output Formatter
- (7,3) 10573 FHA Premium Remittance Report



Notice About L43454

- Created Insurance Disbursements File
- PCD Control of when transactions created

L28145 - Collateral Tax Disbursement Update



Objects: (row, column) 7/11/2003 1:22:22 PM

(1,1) ILPJS002 ILP Pid Cycle
(2,1) 028_2819 Collateral Tax Disburse Database Update
(3,1) L28145 Col Tax Database Build
(3,2) 17494 Force Pay Tax PCD
(3,3) 28442 Col PCD Datagroup L28442d
(3,4) 28444 Col PCD Datagroup L28444d
(4,2) Datagroup: 1 P49000D User TCB
(4,3) Datagroup: 1301 T58551D CCP PCD Master
(4,4) Datagroup: 1452 I57101D PCD Control Block
(4,5) 17216 Force Pay Tax Screen
(4,6) Datagroup: 2000 T58001D Date Control Block
(4,7) 28099 Col Wk Datagroup L28099d
(5,2) 28101 Col Batch Wk Datagroup
(5,3) Datagroup: 9 P49809D User Exception Message
(6,2) 28165 Col Wk Datagroup L28165d (SDB SFTI165 SFTO165)
(6,3) 28169 Col Tax Or Wk Datagroup (SDB SFTI169 SFTO169)
(6,4) 28500 Col Base (HDB COLLDB)
(6,5) 28524 Col Tax Other Escrow (HDB COLLDB)
(6,6) 28550 Col Tax Disburse (HDB COLLTDB)
(7,1) L26120 Py Nameaddr Subrout
(7,2) 28013 Implode Lr28013
(7,3) 28014 Implode Lr28014

ILPJS003



Job ILPJS003

MLA ONLY

- Executes the Mortgage Loan Application System (MLA) production cycle

L17502 - Split Online Implodes



Objects: (row, column)4/24/2003 2:02:43 PM

- (1,1) ILPJS004 'ilp Product Cycle'
- (1,2) ILPJS003 'ilp Mlap Cycle'
- (1,3) 39_200 LSM Loan Selection Batch Processing
- (2,1) 10_203 LPS Split Transaction And Reports
- (2,2) 31_106 Mla Split Mlarpts File Batc
- (3,1) L17502 Batch Split Report
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) Datagroup: 1301 T58551D CCP PCD Master
- (3,4) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
- (3,5) Datagroup: 9 P49809D User Exception Message
- (4,2) 17500 LPS Online Implode (HDB LPSRPTS)
- (4,3) Stored Datagroup: 3601 H50001D Samvl Data String



Notice About L17502

- Later merge of strings with application batch processing

L41121 - MLA Sequential Pass



Objects: (row, column)7/11/2003 1:26:43 PM

- (1,1) ILPJS003 ILP Mlap Cycle
- (2,1) 031_107 Mla Sequence Pass Online Data Bas
- (3,1) L41121 Mla Sequence Batch Pass
- (3,2) LPSICF Integrated Loans System Control File
- (3,3) MLAAPPL Mla Application Data Base
- (3,4) MLABORR Mla Borrower Data Base
- (3,5) MLACOLL Mla Collateral Data Base
- (3,6) MLADOCs Mla Documents Data Base
- (3,7) MLAHIST Mla History Data Base
- (4,2) MLALIAB Mla Liability Data Base
- (5,2) LMAI500 Mla Transaction Records
- (5,3) LMAO500 Mla Transaction Records
- (6,2) PCD: 140 P49140D Check Point Restart Datagroup
- (6,3) 1602 P Branch PCD
- (6,4) 1699 Sft Floating Rate
- (6,5) 17431 Loan Type Control PCD
- (6,6) 17435 Loan Purpose PCD
- (6,7) 17450 Fee Calculation PCD
- (7,2) 41401 Property Type PCD
- (7,3) 41414 Mla Qualification Criteria PCD
- (7,4) 41415 Company Options PCD
- (7,5) 41424 Unique Loans PCD
- (8,1) L41040 Amortization Schedule Calculator
- (8,2) L41102 Payment Schedule Driver
- (8,3) L41103 Mla FHA Pre Qual Rtn
- (8,4) L41105 Mla Va Pre Qual Rtn
- (8,5) L41110 Compute Fee Amount
- (8,6) L41124 Build Batch Report Control
- (8,7) L41125 Mla Move Application Offline
- (9,1) L41126 Mla Move Application Online
- (9,2) L41136 Fee Balance Updates
- (9,3) 10219 Lending Activity
- (9,4) 41001 Implode Report Lr41001
- (9,5) 41002 Implode Lr41002
- (9,6) 41005 Implode Lr41005
- (9,7) 41007 Lr41007
- (10,1) 41010 Implode Commit Expire
- (10,2) 41011 Implode C O Expire
- (10,3) 41021 Implode Report Lr41021
- (10,4) 41022 Implode Lr41022
- (10,5) 41023 Implode Lr41023
- (10,6) 41024 Implode Lr41024
- (10,7) 41025 Implode Lr41025
- (11,1) 41026 Implode Docs Not Snt
- (11,2) 41027 Implode 40027
- (11,3) 41028 Implode 40028
- (11,4) 41030 Implode 40030
- (11,5) 41032 Implode Lr41032
- (11,6) 41037 Implode 40037
- (11,7) 41038 Implode Floodletters
- (12,1) 41039 Implode Empl Verifs
- (12,2) 41042 Implode Funded Application
- (12,3) 41043 Implode Report Lr41043

(12,4) 41044	Implode Report Lr41044
(12,5) 41045	Implode Report Lr41045
(12,6) 41046	Implode Report Lr41046
(12,7) 41048	Implode Lr41048
(13,1) 41049	Implode Lr41049
(13,2) 41051	Implode Lr41051
(13,3) 41056	Implode Lr41056
(13,4) 41062	Implode Mla Projection Detail
(13,5) 41070	Implode Lr41070
(13,6) 41071	Implode Report Lr41071



Notice About L41121

- Report selection control
- Generates retrieval requests from off-line
- Use of PCD 41414 for pre-qualification and qualification
- Accumulation of fees
- Documents to be produced

L41127 - MLA Offline Sequential Pass



Objects: (row, column) 7/11/2003 1:33:22 PM

- (1,1) ILPJS003 ILP Mlap Cycle
- (2,1) 031_108 Mla Sequence Pass Offline File
- (3,1) L41127 Mla Batch Sequence Pass
- (3,2) PCD: 1618 T50918D SPS Report Flags
- (3,3) 17435 Loan Purpose PCD
- (3,4) 41401 Property Type PCD
- (3,5) 41415 Company Options PCD
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17008 LPS Date Edit Work
- (4,5) Datagroup: 17985 L50985D Reserve Analysis Batch Work

- (4,6) Datagroup: 2000 T58001D Date Control Block
- (4,7) 41127 L41127 Wrk Datagroup
- (5,2) 41740 Mla SPS Work Datagroup
- (5,3) Datagroup: 9 P49809D User Exception Message
- (6,2) 41125 Mla Batch Datagroup Work To Move Ap (SDB LMAI500 LMAO500)
- (6,3) 41500 Mla Application Base (HDB MLAAPPL)
- (6,4) 41501 Mla Borrower Base (HDB MLABORR)
- (6,5) 41513 Mla Coll Base (HDB MLACOLL)
- (6,6) 41514 Mla Real Property (HDB MLACOLL)
- (6,7) 41515 Mla Mobile Home (HDB MLACOLL)
- (7,2) 41516 Mla Other Coll (HDB MLACOLL)
- (7,3) 41530 Mla Application Disp (HDB MLAAPPL)
- (7,4) 41534 Mla Ln Service Datagroup (HDB MLAAPPL)
- (7,5) 41560 Mla Rate Mods (HDB MLAAPPL)
- (7,6) 41561 Mla Payment Mods (HDB MLAAPPL)
- (7,7) 41562 Mla Int Rate Limits (HDB MLAAPPL)
- (8,2) 41563 Mla Payment Limits (HDB MLAAPPL)
- (8,3) 41565 Mla Lend Policy Datagroup (HDB MLAAPPL)
- (8,4) 41590 Mla Offline File (SDB LMAI590 LMAO501 LMAO590 SFTS401)
- (9,1) L41126 Mla Move Application Online
- (9,2) 41002 Explode Lr41002
- (9,3) 41047 Explode 40047

ILPJS004



Job ILPJS004

- Executes Final Bulk Loan Transfer process
- Executes online report and transaction split followed by build sort routine
- Executes Loan Servicing cycle
- Executes deferred updates and Pass 1 reports
- Produces management reports

L20867 - Final Bulk Loan Transfer



Objects: (row, column)7/11/2003 1:35:03 PM

(1,1) ILPJS004 ILP Product Cycle
(2,1) 010_324 Final Bulk Loan Transfer
(3,1) L20867 Final Bulk Loan Transfer Program
(3,2) CLSSERV Loan Service Data Base
(3,3) LLCSMS Loan Service Data Base
(3,4) LLCSSS Loan Service Data Base
(3,5) LPSICF Integrated Loans System Control File
(4,2) L10BLTMI Input Bulk Loan Transfer Mapping Criteria
(4,3) L10BLTMO Output Bulk Loan Transfer Mapping Criteria
(4,4) L10BLTSI Input Bulk Loan Transfer Selection Criteria
(4,5) L10BLTSO Output Bulk Loan Transfer Selection Criteria
(4,6) L10EXPI 17210 Transaction Input
(4,7) L10EXPO Transaction Output In 17210 Format
(5,2) L10IPCT Transaction Input For Percentage
(5,3)
(5,4) L10TXNI Transaction Input
(5,5) L10TXNO ILP Transactions Datagroup Length 892
(5,6)
(5,7) SFTI210 Transaction Input
(6,2) SFTI211 Transaction Input
(6,3) SFTI212 ILP Combine Billing Transaction Datagroup 29809
(6,4) SFTO210 ILP Transactions Datagroup Length 892
(6,5) SFTO211 Write OTP Reject File
(6,6) SFTO212 ILP Combine Billing Transaction Datagroup 29809
(6,7) SFTO741 Collateral Transaction Feed
(7,2) SFTO800 Pid Process INIT For Ps780 Sfto210
(7,3) SFTO802 Tax Process INIT For Ps120 Sfto210 Ct3
(7,4) SFTS210 Payee Remittance Input
(8,2) 17413 Finance Transaction Processing PCD
(8,3) 17466 Transfer Cost Center PCD
(8,4) 220635 Final Blt Request CDMF Datagroup
(9,1) L29935 INIT Extension Datagroup 29810
(9,2) L50040 Payoff Quote
(9,3) L50670 Bring Accrual To Date
(9,4) 10421 Implode Lr30321 Bulk Loans Transfer

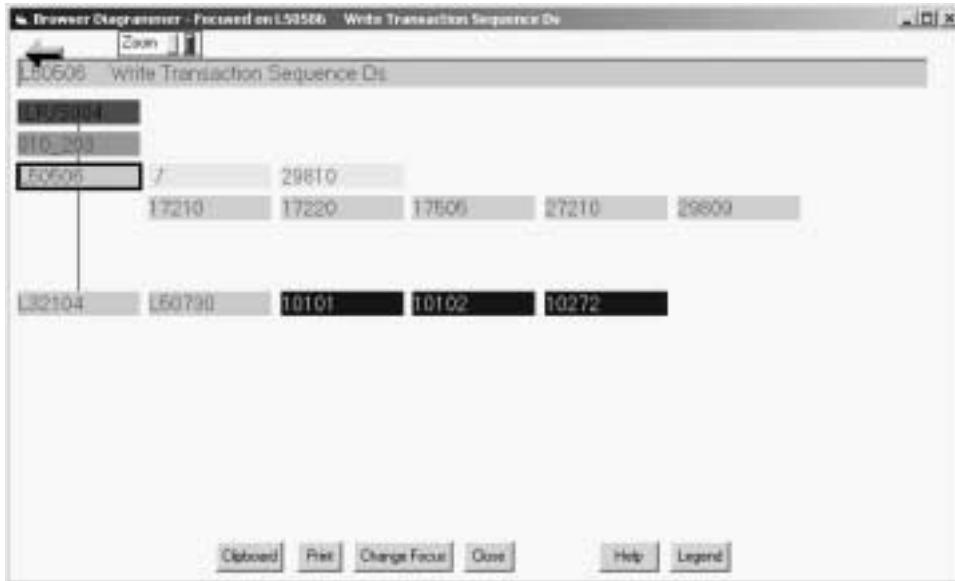
L20829- Extract Memo Transactions



Objects: (row, column)4/24/2003 2:11:15 PM

- (1,1) ILPJS004 'ilp Product Cycle'
- (2,1) 10_320 Extract Lpsmemo Transactions
- (3,1) L20829 Batch Extract Of Memo Transaction
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) 29810 LPS Internal Transaction Exten
- (4,2) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (4,3) 17550 Memo Post Data Base (HDB LPSMEMO)
- (4,4) 17552 Memo Transactions Data Group (HDB LPSMEMO)
- (4,5) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (4,6) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)

L50506- Split Transactions



Objects: (row, column) 7/11/2003 1:39:21 PM

- (1,1) ILPJS004 ILP Product Cycle
- (2,1) 010_203 LPS Split Transaction And Reports
- (3,1) L50506 Write Transaction Sequence Ds
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) 29810 LPS Internal Transaction Extend
- (4,2) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (4,3) 17220 LPS Batch Tickler (SDB SFTI220 SFTO220 SFTO2201 SFTO2202 SFTO2203 SFTO2204 SFTO2205 SFTO2206 SFTO2207 SFTO2208 SFTO2209 SFTO220A SFTO220B SFTO220C SFTO220D SFTO220E SFTO220F SFTO221)
- (4,4) 17505 LPS Online Transaction Database (HDB LPSTXNS)
- (4,5) 27210 Borrower Internal Transaction (SDB L27RRQO L27TRNO)
- (4,6) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
- (7,1) L32104 Scheme Transaction Propagation Program
- (7,2) L50730 Tickler Capture Program
- (7,3) 10101 File Maintenance Input List
- (7,4) 10102 Monetary Transaction Input List
- (7,5) 10272 Transaction Balance Control



Notice About L50506

- Tickler files
- Transaction Files

L20029- Build External Transactions



Objects: (row, column) 4/24/2003 2:19:17 PM

(1,1) ILPJS004 'ilp Product Cycle'
(2,1) 10_319 ILP External Transaction Build
(3,1) L20029 Build The External Transaction
(3,2) 17482 Build Sort Key Controls PCD
(4,2) Datagroup: 1 P49000D User TCB
(4,3) Datagroup: 1452 I57101D PCD Control Block
(4,4) 17012 Envrmnt Driver Wk Datagroup
(4,5) 17701 Lr30072 Report Work Datagroup TCB User
(4,6) 17766 LPS Source Table
(5,2) 17721 LPS Extension Transaction (SDB SFTI721 SFTI722)
(5,3) 20100 Cross Reference Key Data Group (HDB LXF)
(5,4) 220029 LPS External Transaction (SDB L10EXTI)
(7,1) L50937 Issue TCB User CC Report Lr30072 Impplode



Notice About L20029

- Transaction Format
- Where transactions originated

L50700- Build Sort Key



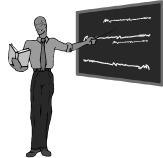
Objects: (row, column)4/24/2003 2:21:29 PM

- (1,1) ILPJS004 ‘ilp Product Cycle’
- (2,1) 10_204 LPS Build Sort Routine
- (3,1) L50700 Build Sort Driver
- (3,2) 17482 Build Sort Key Controls PCD
- (3,3) 17483 Product Sort Control PCD 17483
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17701 Lr30072 Report Work Datagroup TCB User
- (4,5) 17766 LPS Source Table
- (4,6) 17767 Transaction Work Area
- (5,2) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (7,1) L29900 Format Sort Key For Dealer Transaction
- (7,2) L50701 Build Sort INIT
- (7,3) L50705 Format Sort Key
- (7,4) L50721 LPS Read Extension Transaction
- (7,5) L50722 LPS Read Transaction
- (7,6) L50741 LPS Read Transaction
- (7,7) L50930 LPS Read Transaction
- (8,1) L50937 Issue TCB User CC Report Lr30072 Impplode



Notice About Build Sort

- Data Formatting Function for cycle
- PCD 17482 to identify input sources and how to process
- PCD 17483 to invoke formatting routines
- Internal and External sources
- All output into DG 29810 format
- Role of PCD 17413 in sort



Design Decision: Every Company - Product Must Have External Transactions To Run Batch

- Internal Transactions will not by themselves trigger batch
- So....
 - We need to force batch for company-products which may not have external input
 - We must arrange for a “dummy” external transaction for every company-product



Updating Dummy Transactions

- Member DMYTRANS on source library
- What makes it a dummy?
 - 1st position non blank (like *) causes the transaction to be ignored
 - But it assures processing occurs

L50706- Random CLS Posting

The screenshot shows a SAP application window titled "Browser Diagrammer - Focused on L50706 - LPS Batch Processing Driver". The window displays a grid of transaction codes. The columns are labeled with transaction codes: 740, 17890, 17399, 17407, 17431, 17433, and others. The rows are labeled with transaction codes: L50706, 17460, 17463, 17476, 220606, 220612, 220613, 30400, 17452, 17012, 17022, 17063, 17181, 17666, 17633, 17640, 17664, 17670, 17671, 17699, 17700, 17701, 17702, 17706, 17710, 17735, 22007, 220048, 220059, 220666, 220657, 220142, 220793, 29810, 29992, 46552, 493007, 9, 10425, 10467, 10480, 10489, 10501, 10502, 10505, 10506, 10508, 10509, 10510, 10515. The first column contains the header "L50706". The last column contains the header "LPS Batch Processing Driver".

L50706	740	17890	17399	17407	17431	17433	...
	17460	17463	17476	220606	220612	220613	
30400							
	17452	17012	17022	17063	17181		
17666	17633	17640	17664	17670	17671		
17699	17700	17701	17702	17706	17710		
17735	22007	220048	220059	220666	220657		
220142	220793	29810	29992	46552	493007		
9							
10425	10467	10480	10489	10501	10502		
10505	10506	10508	10509	10510	10515		

Objects: (row, column)4/18/2003 1:04:14 PM

- (1,1) ILPJS004 'ilp Product Cycle'
- (2,1) 10_205 LPS Batch Post
- (3,1) L50706 LPS Batch Processing Driver
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 17390 Checkpoint Processing PCD
- (3,4) 17399 Transaction Code PCD
- (3,5) 17407 Product Code PCD
- (3,6) 17431 Loan Type Control PCD
- (3,7) 17438 Company Call Code
- (4,2) 17450 Fee Calculation PCD
- (4,3) 17453 Loan Company Option PCD
- (4,4) 17476 LPS Batch Loan Processing
- (4,5) 220606 ILP Troubled Debt Control
- (4,6) 220612 Analysis Report PCD
- (4,7) 220613 Payoff NSF PCD
- (5,2) 30400 MLS Processing Options
- (6,2) Datagroup: 1 P49000D User TCB
- (6,3) Datagroup: 1452 I57101D PCD Control Block
- (6,4) 17012 Envrmnt Driver Wk Datagroup
- (6,5) 17022 LPS Datagroup Disp Driver
- (6,6) 17063 History Work Area
- (6,7) 17181 Work Datagroup For L50181
- (7,2) 17565 Billing Shed Wk Datagroup
- (7,3) 17633 Delinquent Work Datagroup
- (7,4) 17640 Ppst Post Wk Datagroup
- (7,5) 17664 Prepayment Wk Table
- (7,6) 17670 Rate Fee Table Datagroup
- (7,7) 17671 Accruals Dates Work
- (8,2) 17699 Global Work Datagroup
- (8,3) 17700 LPS Batch Work
- (8,4) 17701 Lr30072 Report Work Datagroup TCB User
- (8,5) 17702 ILP Clsserv Datagroups All INIT Work
- (8,6) 17706 Batch Sequence Pass Override
- (8,7) 17710 LPS Report Flags
- (9,2) 17735 Loan Date INIT
- (9,3) Datagroup: 2000 T58001D Date Control Block
- (9,4) 220048 Exception Work Table
- (9,5) 220059 Cof Work Datagroup
- (9,6) 220566 Loan Fee Table Data Group
- (9,7) 220657 Lr30028 Work Datagroup
- (10,2) 220742 ILP Event Broadcast Control Fl
- (10,3) 220793 Scheme Table Work Data Group
- (10,4) 29810 LPS Internal Transaction Exten
- (10,5) 29992 Calculation Available Balance Work Datagroup
- (10,6) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
- (10,7) Datagroup: 49900 P49900D Key Range Randomizer Informati
- (11,2) Datagroup: 9 P49809D User Exception Message
- (12,2) 10425 Loans Cost Of Fund (HDB CLSSERV LLCSMS LLCSSS)
- (12,3) 10467 Commit Pointer Datagroup (HDB CLSPART)
- (12,4) 10488 Loan Rate Reduction HDB Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (12,5) 10489 Cashback Details (HDB CLSSERV LLCSMS LLCSSS)
- (12,6) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)

- (12,7) 10502 **Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)**
- (13,2) 10505 **Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)**
- (13,3) 10506 **Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)**
- (13,4) 10508 **Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)**
- (13,5) 10509 **Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)**
- (13,6) 10510 **Rate Modifiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)**
- (13,7) 10515 **LPS Insurance Data Datagroup (HDB CLSSERV LLCSMS LLCSSS)**

L50706 Continued



Objects: (row, column) 4/18/2003 1:11:19 PM

- (1,2) 10516 Student Loan Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,3) 10517 Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)
- (1,4) 10518 Dealer Recourse (HDB CLSSERV LLCSMS LLCSSS)
- (1,5) 10520 Consumer Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (1,6) 10524 Discount Premium Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,7) 10527 Automatic Payments (HDB CLSSERV LLCSMS LLCSSS)
- (2,2) 10528 Beneficiary Demand Stmts (HDB CLSSERV LLCSMS LLCSSS)
- (2,3) 10529 Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
- (2,4) 10545 Charge Off Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (2,5) 10548 CLS All Inclusive Td (HDB CLSSERV LLCSMS LLCSSS)
- (2,6) 10549 CLS Flip Loan Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (2,7) 10559 Capitalization (HDB CLSSERV LLCSMS LLCSSS)
- (3,2) 10569 Loan Prepayment Penalty (HDB CLSSERV LLCSMS LLCSSS)
- (3,3) 10580 Additional Rate Tiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (3,4) 10584 Reserve Deposits (HDB CLSSERV LLCSMS LLCSSS)
- (3,5) 10585 Mortgage Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (3,6) 10587 CLS Govt Subsidy Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (3,7) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (4,2) 17215 LPS Sorted Transaction (SDB SFTO215 SFTO2151 SFTO2152 SFTO2153 SFTO2154 SFTO2155 SFTO2156 SFTO2157 SFTO2158 SFTO2159 SFTO215A SFTO215B SFTO215C SFTO215D SFTO215E SFTO215F SFTO216 SFTO217)
- (4,3) 17220 LPS Batch Tickler (SDB SFTI220 SFTO220 SFTO2201 SFTO2202 SFTO2203 SFTO2204 SFTO2205 SFTO2206 SFTO2207 SFTO2208 SFTO2209 SFTO220A SFTO220B SFTO220C SFTO220D SFTO220E SFTO220F SFTO221)
- (4,4) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (4,5) 17602 LPS ICF Control Datagroup (HDB LPSICF)



Notice About Random Posting Driver...

- Called for all cycles
- If determines for company-product that processing is to be sequential
 - positions tickler file
 - calls sequential driver
 - returns after company-product control break



Notice About Random Posting Driver...

- Can override company-product to sequential at run-time
- Once loan selected, same processing occurs
 - random versus sequential
- Flow to L50410 - Financial Posting Driver and control based on PCD 17413

L50707- Sequential CLS Posting



Objects: (row, column)4/24/2003 2:26:10 PM

- (1,1) 10_205 LPS Batch Post
- (2,1) L50706 LPS Batch Processing Driver
- (3,1) L50707 LPS Batch Sequence Driver
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 17390 Checkpoint Processing PCD
- (3,4) 17399 Transaction Code PCD
- (3,5) 17407 Product Code PCD
- (3,6) 17431 Loan Type Control PCD
- (3,7) 17435 Loan Purpose PCD
- (4,2) 17438 Company Call Code
- (4,3) 17450 Fee Calculation PCD
- (4,4) 17453 Loan Company Option PCD
- (4,5) 17476 LPS Batch Loan Processing
- (4,6) 220606 ILP Troubled Debt Control
- (4,7) 220613 Payoff NSF PCD
- (5,2) 41401 Property Type PCD
- (6,2) Datagroup: 1 P49000D User TCB
- (6,3) Datagroup: 1452 I57101D PCD Control Block
- (6,4) 17022 LPS Datagroup Disp Driver
- (6,5) 17063 History Work Area
- (6,6) 17181 Work Datagroup For L50181
- (6,7) 17211 Save Int Transaction Datagroup
- (7,2) 17259 Lpsicf Calculation Program Datagroup
- (7,3) 17565 Billing Shed Wk Datagroup
- (7,4) 17633 Delinquent Work Datagroup
- (7,5) 17640 Ppst Post Wk Datagroup

(7,6) 17664 Prepayment Wk Table
 (7,7) 17670 Rate Fee Table Datagroup
 (8,2) 17671 Accruals Dates Work
 (8,3) 17699 Global Work Datagroup
 (8,4) 17700 LPS Batch Work
 (8,5) 17701 Lr30072 Report Work Datagroup TCB User
 (8,6) 17702 ILP Clsserv Datagroups All INIT Work
 (8,7) 17706 Batch Sequence Pass Override
 (9,2) 17708 Wrk Datagroup
 (9,3) 17710 LPS Report Flags
 (9,4) 17735 Loan Date INIT
(9,5) Datagroup: 2000 T58001D Date Control Block
 (9,6) 220048 Exception Work Table
 (9,7) 220566 Loan Fee Table Data Group
 (10,2) 220657 Lr30028 Work Datagroup
 (10,3) 220793 Scheme Table Work Data Group
 (10,4) 29810 LPS Internal Transaction Exten
 (10,5) 29992 Calculation Available Balance Work Datagroup
(10,6) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
 (10,7) 5689 Restraints Hard Hold Inquiry
(11,2) Datagroup: 9 P49809D User Exception Message
 (12,2) 10425 Loans Cost Of Fund (HDB CLSSERV LLCSMS LLCSSS)
 (12,3) 10467 Commit Pointer Datagroup (HDB CLSPART)
 (12,4) 10488 Loan Rate Reduction HDB Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (12,5) 10489 Cashback Details (HDB CLSSERV LLCSMS LLCSSS)
 (12,6) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
 (12,7) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
 (13,2) 10505 Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
 (13,3) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
 (13,4) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (13,5) 10510 Rate Modifiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (13,6) 10516 Student Loan Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
 (13,7) 10517 Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)

L50707 Continued

L50707 Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)					
10518	10520	10524	10525	10545	10549
10559	10569	10580	10584	10585	10587
17210	17215	17220	17606	17602	220738
28503	29703	29809	30096	36500	
L20041	L20666	L20708	L20729	L20730	L20740
L20750	L20786	L20793	L20795	L20799	L20964
L50007	L50010	L50026	L50066	L50156	L50259
L50298	L50609	L50665	L50670	L50673	L50717
L50720	L50727	L50744	L50925	L50937	T58889
10188	10219	10505	30072	10109	

Objects: (row, column) 7/11/2003 1:53:34 PM

- (1,2) 10518 Dealer Recourse (HDB CLSSERV LLCSMS LLCSSS)
- (1,3) 10520 Consumer Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (1,4) 10524 Discount Premium Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,5) 10529 Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
- (1,6) 10545 Charge Off Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (1,7) 10549 CLS Flip Loan Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (2,2) 10559 Capitalization (HDB CLSSERV LLCSMS LLCSSS)
- (2,3) 10569 Loan Prepayment Penalty (HDB CLSSERV LLCSMS LLCSSS)
- (2,4) 10580 Additional Rate Tiers Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (2,5) 10584 Reserve Deposits (HDB CLSSERV LLCSMS LLCSSS)
- (2,6) 10585 Mortgage Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (2,7) 10587 CLS Govt Subsidy Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (3,2) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (3,3) 17215 LPS Sorted Transaction (SDB SFTO215 SFTO2151 SFTO2152 SFTO2153 SFTO2154 SFTO2155 SFTO2156 SFTO2157 SFTO2158 SFTO2159 SFTO215A SFTO215B SFTO215C SFTO215D SFTO215E SFTO215F SFTO216 SFTO217)
- (3,4) 17220 LPS Batch Tickler (SDB SFTI220 SFTO220 SFTO2201 SFTO2202 SFTO2203 SFTO2204 SFTO2205 SFTO2206 SFTO2207 SFTO2208 SFTO2209 SFTO220A SFTO220B SFTO220C SFTO220D SFTO220E SFTO220F SFTO221)
- (3,5) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (3,6) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (3,7) 220738 Deferred Update SDB For Lpsicf (SDB L10ICFI L10ICFO)
- (4,2) 28502 Col Property Mh Appraisal (HDB COLLDB)
- (4,3) 29703 Lpsrchg Defer Update Utilit (SDB L10RTCI L10RTCO)
- (4,4) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
- (4,5) 30096 Loan Service Float Details (HDB CLSSERV LLCSMS LLCSSS)

(4,6) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
 (5,1) L20041 Split Billing Table Build
 (5,2) L20566 Loan Fee Tabling Program
 (5,3) L20708 End Of Account For Participation Batch
 (5,4) L20729 Automatic Charge Off Driver Program
 (5,5) L20730 Automatic Non Accrual Driver Program
 (5,6) L20735 Investor Loan Selection Expire
 (5,7) L20740 Noni Honi ILP Datagroups Routine
 (6,1) L20750 Automatic Status Chg For Mort End Date
 (6,2) L20786 CDMF Read Program For New Technical Pcds
 (6,3) L20793 Schemes Tabling Program
 (6,4) L27150 Borrower Interface
 (6,5) L29602 PCD Read For Sequence Random Batch Process
 (6,6) L29703 Lpsrchg Request Utility Program
 (6,7) L29954 Calculation Available Balance For Loan Commitment
 (7,1) L50007 LPS Re Write Database HDB Clsserv
 (7,2) L50010 Environment Driver
 (7,3) L50025 Calculate Late Charge
 (7,4) L50086 Implode Reject
 (7,5) L50156 Checkpoint History Build
 (7,6) L50159 Pass Through Accrual Adjustment
 (7,7) L50259 ICF Dates Calculation
 (8,1) L50298 Dealer Rebate Post
 (8,2) L50509 Accrual G L Interface Build
 (8,3) L50565 Billing Schedule Build
 (8,4) L50665 Build Prepayment Table
 (8,5) L50670 Bring Accrual To Date
 (8,6) L50673 Adjustment Accrual After Post
 (8,7) L50717 LPS Batch Report Processing
 (9,1) L50720 ILP Force Close Program
 (9,2) L50727 Loan Batch End Of Loan Driver
 (9,3) L50744 Process Rate Change
 (9,4) L50925 Prt Batch Processing
 (9,5) L50937 Issue TCB User CC Report Lr30072 Implode
 (9,6) T58689 Read Restraint
 (9,7) 10109 Add Exception Audit Report
 (10,1) 10188 Tickler Items
 (10,2) 10219 Lending Activity
 (10,3) 10505 Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
 (10,4) 30072 TCB User Cond Code Report

L20738 - Apply Deferred Updates to LPSICF



Objects: (row, column) 5/2/2003 2:36:50 PM

- (1,1) ILPJS004 ILP Product Cycle
- (2,1) 10_301 Apply Defer Updates
- (3,1) L20738 Apply Deferred Updates To Lpsicf
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) 220741 Work Data Group For L20738 ICF
- (4,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (4,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (4,4) 220738 Deferred Update SDB For Lpsicf (SDB L10ICFI L10ICFO)

L20736 - Apply Deferred Updates to ILPCBDT



Objects: (row, column) 5/8/2003 2:17:31 PM

- (1,1) ILPJS004 ILP Product Cycle
- (2,1) 10_301 Apply Defer Updates
- (3,1) L20736 Apply Defer Updates To Ilpcbdt
- (3,2) ILPCBDT ILP Combine Billings Invoice Data Base
- (4,2)
- (4,3)

L50723 - Bring SPS Strings Together



Objects: (row, column)4/24/2003 2:39:47 PM

- (1,1) ILPJS004 'ilp Product Cycle'
- (1,2) ILPSEQR 'loans Sequence Rpts'
- (1,3) 10_207 Management Report Key Arrangem
- (2,1) 10_209 Management Report Key Arrangem
- (3,1) L50723 LPS Scramble SPS Ds
- (3,2) 17485 LPS Pcd17485 Sort Se

ILPJS005



Job ILPJS005

- Secondary Marketing selection processing

L39121 - LSM Front-End Driver



Objects: (row, column) 7/11/2003 2:00:41 PM

- (1,1) ILPJS005 ILP LSM
- (2,1) 039_210 LSM Batch Report Selection
- (3,1) L39121 LSM Front End Batch Driver
 - (3,2) LSMCRIT Loans Secondary Market Selection Criteria Database
 - (3,3) LSMPKG Loans Secondary Market Package Database
- (4,2) PCD: 1601 T50901D P Bank Name Address
- (4,3) 17471 LPS Post Sequence
- (4,4) 39413 LSM Batch Function Execution
- (4,5) 39414 LSM Loans In Package
- (7,1) L39110 LSM Batch Process Funding Module
- (7,2) L39118 LSM Investor Loan Number Function
- (7,3) L39120 LSM Analyze Selection Function

- (7,4) L39123 LSM Batch Pledge Module
- (7,5) L39124 LSM Batch Report Module
- (7,6) L39126 LSM Batch Listing Function
- (7,7) L39127 LSM Verify Function Bacth System
- (8,1) L39128 LSM Reselection Function
- (8,2) L39129 LSM Batch Delete Module
- (8,3) L39130 LSM Group Batch Function
- (8,4) L39131 LSM Verify Function Shp
- (8,5) L50407 Maintenance INIT For Loan
- (8,6) 10612 Implode Lr39612 Package Process Exception
- (8,7) 10622 Batch Activity

ILPJS006



Job ILPJS006

- Sets the cycle process date
- Performs the tax service file build and updates the collateral tax database

L28170 - Collateral ITS Output



Objects: (row, column) 7/11/2003 2:02:24 PM

- (1,1) ILPJS006 ILP Tax Srv File
- (2,1) 028_2822 Collateral Process Returned Its
- (3,1) L28170 Col Tax Its Output
- (3,2) 28444 Col PCD Datagroup L28444d
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 28099 Col Wk Datagroup L28099d
- (4,5) 29810 LPS Internal Transaction Extend
- (5,2) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (5,3) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (5,4) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (5,5) 27500 Borrower Base Datagroup (HDB BORMAST)
- (5,6) 28165 Col Wk Datagroup L28165d (SDB SFTI165 SFTO165)
- (5,7) 28500 Col Base (HDB COLLDB)
- (6,2) 28524 Col Tax Other Escrow (HDB COLLDB)
- (6,3) 28550 Col Tax Disburse (HDB COLLTDB)
- (6,4) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
- (7,1) 28030 Implode Lr28030

L28175 - Collateral ITS Tape Build



Objects: (row, column) 5/8/2003 2:44:49 PM

- (1,1) ILPJS006 ILP Tax Srv File
- (2,1) 28_2824 Collateral Tax Srv Return File Bi
- (3,1) L28175 Col Tax Service Output Driver
- (3,2) 28444 Col PCD Datagroup L28444d
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 28099 Col Wk Datagroup L28099d
- (5,2) 28165 Col Wk Datagroup L28165d (SDB SFTI165 SFTO165)
- (7,1) L28180 Col Tax Service Output

ILPJS007**Job ILPJS007...**

- Executes the commitment production cycle
- Student loan processing
- Performs dealer batch processing
- Performs OTP batch add
- Creates coupons, bills, and so on, to be sent to customers
- Creates Commitment bills, and so on, to be sent to customers

**...Job ILPJS007**

- Performs reserve analysis processing and updates the CLSSERV and CLSATF databases
- Creates insurance disbursement data and updates the Pending Insurance Disbursement database

L50908 - Collateral Production Cycle



Objects: (row, column) 7/11/2003 2:05:54 PM

- (1,1) ILPJS007 ILP Miscellaneous Cycle
- (2,1) 010_219 LPS Commitment Batch
- (3,1) L50908 Commitment Batch Processing
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 17430 Commitment Control PCD
- (3,4) 17453 Loan Company Option PCD
- (3,5) 17476 LPS Batch Loan Processing
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17008 LPS Date Edit Work
- (4,5) 17671 Accruals Dates Work
- (4,6) 17699 Global Work Datagroup
- (4,7) 17700 LPS Batch Work
- (5,2) 17701 Lr30072 Report Work Datagroup TCB User
- (5,3) 17710 LPS Report Flags
- (5,4) 17735 Loan Date INIT
- (5,5) 17870 Comm Rate Fee Table
- (5,6) 17908 Program 17908 Work Data Group
- (5,7) Datagroup: 2000 T58001D Date Control Block
- (6,2) 220845 Commitment Fee Work Datagroup
- (6,3) 29810 LPS Internal Transaction Extend
- (6,4) Datagroup: 48552 U48551D Format 1301 Sub Datagroup
- (6,5) Datagroup: 9 P49809D User Exception Message
- (7,2) 10483 Commitment Scheme Demographics (HDB CLSCOMM)
- (7,3) 10484 Commitment Scheme Billing (HDB CLSCOMM)
- (7,4) 10526 Commitment Rate And Fee (HDB CLSCOMM)
- (7,5) 10530 Commitment Key Data Group (HDB CLSCOMM)

(7,6) 10531 Commitment Demogr Datagroup (HDB CLSCOMM)
(7,7) 10532 Subsidiary Commitment Data Gro (HDB CLSCOMM)
(8,2) 10534 Commitment Delinquent Data Gr (HDB CLSCOMM)
(8,3) 10537 Commitment Balance Data Group (HDB CLSCOMM)
(8,4) 10538 Commitment Fee (HDB CLSCOMM)
(8,5) 10544 Commitment Letter Credit Datagroup (HDB CLSCOMM)
(8,6) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
(8,7) 17215 LPS Sorted Transaction (SDB SFTO215 SFTO2151 SFTO2152 SFTO2153 SFTO2154
SFTO2155 SFTO2156 SFTO2157 SFTO2158 SFTO2159 SFTO215A SFTO215B SFTO215C SFTO215D
SFTO215E SFTO215F SFTO216 SFTO217)
(9,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
(9,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
(9,4) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210
SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
(10,1) L20845 Commitment Fee Batch Assess
(10,2) L27150 Borrower Interface
(10,3) L50010 Environment Driver
(10,4) L50086 Implode Reject
(10,5) L50257 Commitment End Of Account Processor
(10,6) L50370 Commitment Participation Batch Driver Program
(10,7) L50407 Maintenance INIT For Loan
(11,1) L50553 Commitment Delinquency Process
(11,2) L50710 LPS Set Report Flag
(11,3) L50870 Bring Accrual To Date Commitment
(11,4) L50873 Adjustment Accrual After Post Commitment
(11,5) L50924 Commitment Batch Report
(11,6) L50937 Issue TCB User CC Report Lr30072 Implode
(11,7) L50977 Commitment Billing
(12,1) 10100 SPS LPS Set Product Company Fo Co Exit
(12,2) 10180 Company Products Processed This Run
(12,3) 10505 Community Reinvestment Act Reportable Items

L12100 - Student Guarantee Institution Processing



Objects: (row, column) 4/24/2003 2:45:23 PM

- (1,1) ILPJS007 'ilp Miscellaneous Cycle'
- (2,1) 10_240 Student Loan Sequence Batch Process
- (3,1) L12100 Student Loan Sequential Batch Driver
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) 17520 Guarantee Institution Report Datagroup
- (5,2) 10570 Student Loan Guaranteeing Inst (HDB CLSSLGI)
- (5,3) 10571 Guarantee Instn Totals Database Datagroup (HDB CLSSLGI)
- (5,4) 220739 Defeered Update SDB For Clsslg (SDB L10SGII L10SGIO)
- (7,1) L50520 Student Loan Guarantee Institution Report Update
- (7,2) L50631 Update Guarantee Institution Total On SI Payment

L50909 - Dealer Processing



Objects: (row, column) 7/11/2003 2:09:06 PM

- (1,1) ILPJS007 ILP Miscellaneous Cycle
- (2,1) 010_218 LPS Dealer Sequential Pass
- (3,1) L50909 Dealer Batch Processing
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 17476 LPS Batch Loan Processing
- (3,4) 17490 Dealer Reserve Type PCD
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17700 LPS Batch Work
- (4,5) 17701 Lr30072 Report Work Datagroup TCB User
- (4,6) 17735 Loan Date INIT
- (4,7) 29810 LPS Internal Transaction Extend
- (5,2) Datagroup: 9 P49809D User Exception Message
- (6,2) 10590 Dealer Key (HDB CLSDLR)
- (6,3) 10591 Dealer Demographic (HDB CLSDLR)
- (6,4) 10593 Dealer Totals (HDB CLSDLR)
- (6,5) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (6,6) 17215 LPS Sorted Transaction (SDB SFTO215 SFTO2151 SFTO2152 SFTO2153 SFTO2154 SFTO2155 SFTO2156 SFTO2157 SFTO2158 SFTO2159 SFTO215A SFTO215B SFTO215C SFTO215D SFTO215E SFTO215F SFTO216 SFTO217)
- (6,7) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (7,2) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (7,3) 29809 LPS Global Internal Transaction (SDB L10IPCT L10SALO L10TXNI L10TXNO SFTI210 SFTI211 SFTI212 SFTO210 SFTO211 SFTO212 SFTO741 SFTO800 SFTO802 SFTS210)
- (8,1) L29853 Add To Dealer Total
- (8,2) L29978 Dealer End Of Account Processor
- (8,3) L50010 Environment Driver

- (8,4) L50407 Maintenance INIT For Loan
- (8,5) L50490 Negative Amortization Transaction Drive
- (8,6) L50710 LPS Set Report Flag
- (8,7) L50913 Dealer Batch Report
- (9,1) L50937 Issue TCB User CC Report Lr30072 Impplode
- (9,2) 10100 SPS LPS Set Product Company Fo Co Exit
- (9,3) 10180 Company Products Processed This Run

L50601 - Billing Statements / Coupon Request Create



Objects: (row, column) 4/24/2003 2:49:44 PM

- (1,1) ILPJS007 'ilp Miscellaneous Cycle'
- (1,2) ILPJSX07 'ilp Miscellaneous Cycle'
- (2,1) 10_212 ILP Billing Print
- (2,2) 10_227 Commitment Billing Print
- (3,1) L50601 Billing Statement Cupn Drver
- (3,2) 17453 Loan Company Option PCD
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17604 Coupon Work Datagroup
- (5,2) 17733 LPS Billing Data Group (SDB SFTI733 SFTI734 SFTO733 SFTO734)
- (7,1) L12922 Average Balance Billing Impplode Driver
- (7,2) L20824 Split Billing Statement Program
- (7,3) L50407 Maintenance INIT For Loan
- (7,4) L50602 Billing Impplode Program
- (7,5) L50604 Coupon Create Program

L50287 - Reserve Analysis Edit Processing



Objects: (row, column) 7/11/2003 2:12:53 PM

- (1,1) ILPJS007 ILP Miscellaneous Cycle
- (1,2) ILPJSX07 ILP Miscellaneous Cycle
- (2,1) 010_214 Reserve Analysis
- (3,1) L50287 Reserve Analysis Batch Driver
- (3,2) BORMAST Loans Borrower Support System Borrower Master Database
- (3,3) CLSATF Loan Service Data Base
- (3,4) CLSRANT CLS Reserve Analysis Data Base
- (3,5) CLSSERV Loan Service Data Base
- (3,6) LLCAMS CLS Transaction History Data Base
- (3,7) LLCASS CLS Transaction History Data Base
- (4,2) LLCSMS Loan Service Data Base
- (4,3) LLCSSS Loan Service Data Base
- (5,2) L10EXPI 17210 Transaction Input
- (5,3) L10EXPO Transaction Output In 17210 Format
- (5,4)
- (6,2) 1602 P Branch PCD
- (6,3) 1699 Sft Floating Rate
- (6,4) 17410 Reserve Analysis Processing Option PCD
- (6,5) 17417 Reserve Int Controls
- (6,6) 220627 Custom Letter Text Data Group
- (7,1) U50530 Account No Edit Rtn
- (7,2) CP!L10582?
- (7,3) L26120 Py Nameaddr Subrout
- (7,4) L50008 LPS Simple Date Edit
- (7,5) L50282 Reserve Data Gathering
- (7,6) L50284 Reserve Analysis Calculation
- (7,7) L50286 Schedule Payment Change

(8,1) L50294 Era Message Generate
 (8,2) T50300 Retrieve Act N
 (8,3) 30031Implode MLS 30031
 (8,4) 30032Implode MLS 30032
 (8,5) 30033Implode MLS 30033
 (8,6) 30034Implode MLS 30034
 (8,7) 30091Implode MLS 30091
 (9,1) 30092Implode MLS 30092

L43453 - Insurance Disbursement Output



Objects: (row, column) 7/11/2003 2:16:02 PM

(1,1) ILPJS007 ILP Miscellaneous Cycle
 (1,2) ILPJSX07 ILP Miscellaneous Cycle
 (2,1) 010_453 LPS Update Clspid After Disburse
 (3,1) L43453 Automatic Ins Disburse Output Driver
 (3,2) 17384 Pending Ins Disburse Control Parameter
 (3,3) 17385 Pending Ins Disbursements Datagroup
 (7,1) L43901 Automatic Ins Disburse Output Formatter
 (7,2) 10521 Pid Input Output Formatter

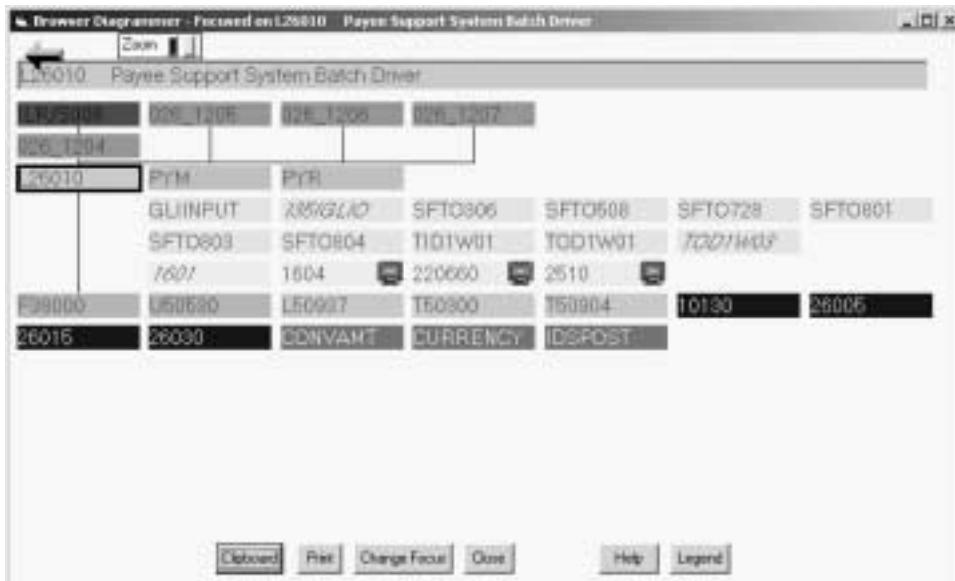
ILPJS008



Job ILPJS008

- Performs payee batch processing

L26010 - Payee Sequential Pass



Objects: (row, column) 7/11/2003 2:17:54 PM

- (1,1) ILPJS008 ILP Payee Job
- (1,2) 026_1205 Payee Sequence Pass Of Database Batch
- (1,3) 026_1206 Payee Sequence Pass Of Database Batch
- (1,4) 026_1207 Payee Sequence Pass Of Database Batch
- (2,1) 026_1204 Payee Sequence Pass Of Data Base
- (3,1) L26010 Payee Support System Batch Driver
- (3,2) PYM Loans Payee Master Database
- (3,3) PYR Loans Payee Remittance Database
- (4,2) GLIINPUT GLI Interim Transactions From Warehouse
- (4,3)
- (4,4) SFTO306 Payee CWS Ds

(4,5) SFTO508 G L Interface
(4,6) SFTO728 Write LPS Automated Clearing Interface
(4,7) SFTO801 G L Interface File INIT For Mla Ps100 Lg
(5,2) SFTO803 G L Interface File INIT For Pys Ps050 Lg
(5,3) SFTO804 Payee CWS Ds INIT For Pys Ps050 Sfto306
(5,4) TID1W01 Checks Data Strings
(5,5) TOD1W01 Check Writing Data Strings
(5,6)
(6,2) PCD: 1601 T50901D P Bank Name Address
(6,3) 1604 P External Cycle Code (HDB OCSSYST)
(6,4) 220660 Integrated Product Trancode Pc
(6,5) 2510 P Name Address User Data
(7,1) F38000 Standard Interface Routing
(7,2) U50530 Account No Edit Rtn
(7,3) L50937 Issue TCB User CC Report Lr30072 Implode
(7,4) T50300 Retrieve Act N
(7,5) T50904 External Cycle Code
(7,6) 10130 Billed Amounts Charge To Deposit Accounts
(7,7) 26005 Remit Journal Lr26005 40801 26005
(8,1) 26015 Inactive Payee
(8,2) 26030 Remits Disburse
(8,3) CONVAMT Currency Conversion Convert Amount S From One Currency
(8,4) CURRENCY Return Currency Code Of The Request Checking Account On The
(8,5) IDSPOST IDS Interface To Post Deposits Either Online Or Batch

ILPJS009



Job ILPJS009

- Performs Loans System GL warehouse function
- Performs Loans System GL interface function
- We have a chapter on this coming up

G36061 - Warehouse Transaction Driver



Objects: (row, column) 7/11/2003 2:20:06 PM

(1,1) ILPJS009 ILP General Ledger Cycle
 (2,1) 036_30 General Ledger Warehouse
 (3,1) G36061 Warehouse Transaction Driver
 (3,2) 36300 CDMF Accrual
 (4,2) Datagroup: 1 P49000D User TCB
 (4,3) Datagroup: 2000 T58001D Date Control Block
 (4,4) 36902 GLI Warehouse Work Datagroup
 (5,2) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
 (5,3) 36900 Generate Ledger Warehouse Datagroup (SDB LGLIN LGLINPUT)
 (5,4) 36901 GLI Warehouse Master Datagroup (SDB GLIMAST GLIMASTO)
 (7,1) L20779 Write General Ledger Warehouse
 (7,2) L50453 General Ledger Warehouse Interface
 (7,3) 00002 Statistical Report
 (7,4) 10140 G L Warehouse Items Released

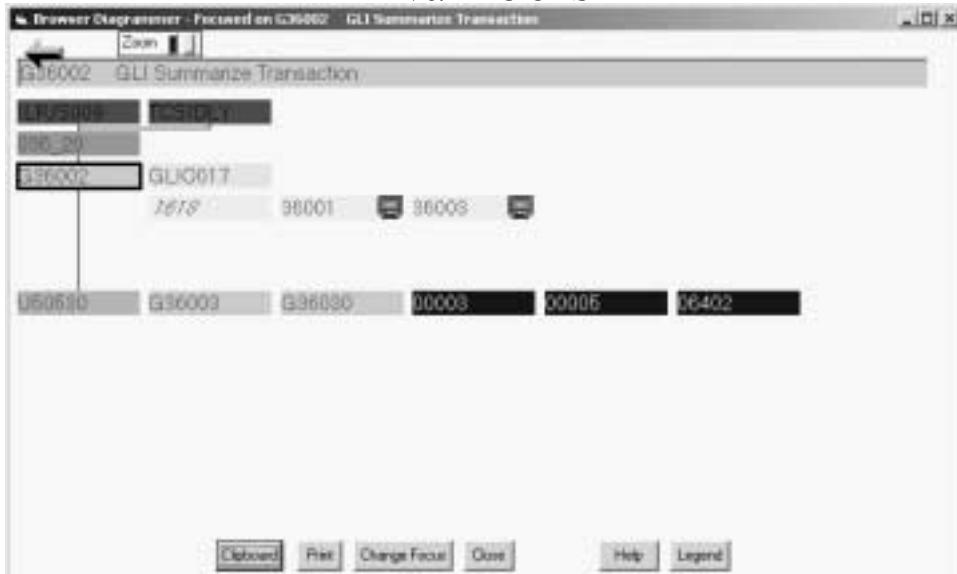
G36001 - GLI Interim Transaction



Objects: (row, column) 7/11/2003 2:22:38 PM

(1,1) 036_10 GLI Assignment Interim Account Number
 (2,1) G36001 GLI Interim Transaction
 (2,2) PCD: 1618 T50918D SPS Report Flags
 (2,3) 36000 GLI Table One
 (2,4) 36002 PCD 36002 GLI Variable Information
 (3,2) Datagroup: 1 P49000D User TCB
 (3,3) Datagroup: 1452 I57101D PCD Control Block
 (3,4) 36501 Work Datagroup
 (4,2) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
 (4,3) 36502 GLI Summ Transaction (SDB GLIO017)
 (6,1) 00002 Statistical Report
 (6,2) 00004 Daily Overdraft Report

G36002 - Assign User GL Numbers



Objects: (row, column)7/11/2003 2:24:19 PM

- (1,1) ILPJS009 ILP General Ledger Cycle
- (1,2) JB!TCSIDLY
- (2,1) 036_20 GLI Assignment User Account Number
- (3,1) G36002 GLI Summarize Transaction
- (3,2) GLIO017 GLI Output
- (4,2) PCD: 1618 T50918D SPS Report Flags
- (4,3) 36001 PCD 36001
- (4,4) 36003 PCD Format
- (7,1) U50530 Account No Edit Rtn
- (7,2) G36003 GLI Create Fcs Msa
- (7,3) G36030 G L Interface Hogan Fis
- (7,4) 00003 Activity On Dormant Escheatabl E Accounts
- (7,5) 00005 Rejected Items
- (7,6) 06402 Link To SPS Report Fr64002

ILPJS010

Job ILPJS010

- Produces second pass reports
- Performs combined billing cycle
- Performs check writer cycle
- Passes the Borrower database for update and reporting
- PEM log split

L50137 - Combine Billing Statement

The screenshot shows a software window titled "L50137 - Combine Billing Statement". The window contains a grid of data with the following structure:

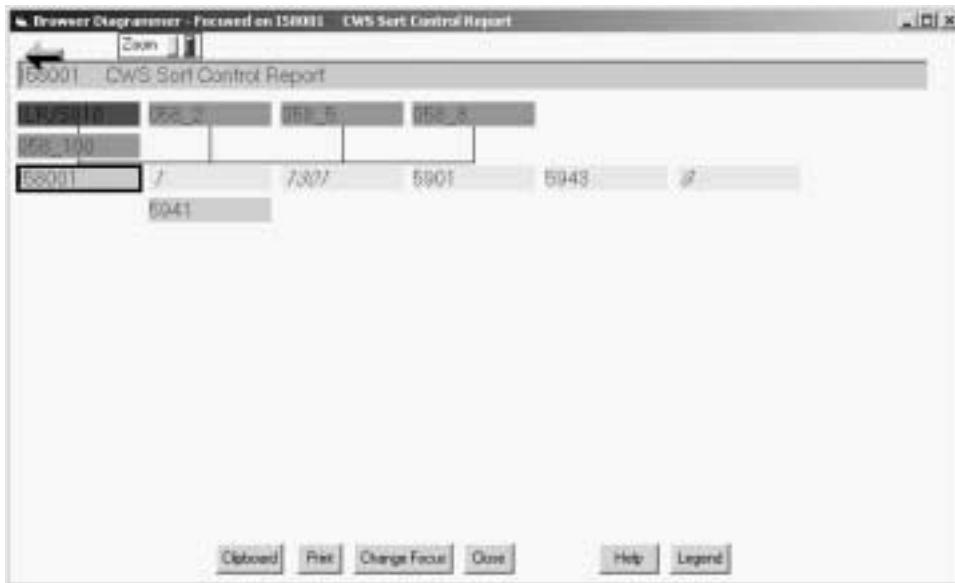
	1602	17408	17441	220627	
L50137	/	13630	7452	17029	17187 17606
	17826	2300	3474	9490	
	16421	10601	10602	17798	22600
LE0025	T60300	T60314	10109	10160	10162

At the bottom of the window, there are several buttons: Close, Print, Change Focus, Out, Help, and Legend.

Objects: (row, column)7/11/2003 2:26:01 PM

- (1,1) ILPJS010 ILP Report Cycle
- (2,1) 010_233 Combine Billing Statement Pro
- (3,1) L50137 Combine Billing Statement
- (3,2) 1602 P Branch PCD
- (3,3) 17403 ILP Billing Message PCD
- (3,4) 17441 LPS Late Charge PCD
- (3,5) 220627 Custom Letter Text Data Group
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) 13530 Account # Edit Wk Area
- (4,4) Datagroup: 1452 I57101D PCD Control Block
- (4,5) 17029 Late Charge Calculation Wk Datagroup
- (4,6) 17137 Combine Billing Work Data Gro
- (4,7) 17606 Billing Impld Wrk Datagroup
- (5,2) 17826 Billing Statement Wrk Datagroup
- (5,3) Datagroup: 2000 T58001D Date Control Block
- (5,4) Datagroup: 3414 T50714D W Name Address Work Area
- (5,5) 3430 Name Address Work Area
- (6,2) 10421 Combine Billing Invoice (HDB ILPCBDT)
- (6,3) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (6,4) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (6,5) 17733 LPS Billing Data Group (SDB SFTI733 SFTI734 SFTO733 SFTO734)
- (6,6) 27500 Borrower Base Datagroup (HDB BORMAST)
- (7,1) L50025 Calculate Late Charge
- (7,2) T50300 Retrieve Act N
- (7,3) T50314 Eliminate Blank Name Address Line
- (7,4) 10109 Add Exception Audit Report
- (7,5) 10160 Forced Items Report
- (7,6) 10162 Combine Billing Journal

I58001 - Check Writing Control



Objects: (row, column) 4/24/2003 3:10:27 PM

- (1,1) **ILPJS010** 'ilp Report Cycle'
- (1,2) **58_2** CWS Batch Processing
- (1,3) **58_5** CWS Batch Process
- (1,4) **58_8** CWS Batch Process
- (2,1) **58_100** ILP Sort I P Create Control Report
- (2,2) **TX!58_10**
- (3,1) **I58001** CWS Sort Control Report
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) Datagroup: 1301 T58551D CCP PCD Master
- (3,4) **5901** CWS Sort Control Work
- (3,5) **5943** CWS Unsorted Header Detail
- (3,6) Datagroup: 9 P49809D User Exception Message
- (4,2) **5941** CWS Header Detail Record (SDB SFTO306 SFTO804 TID1W01 TOD1W01 TOD1W03)

L27300 - Borrower Update



Objects: (row, column)4/24/2003 3:11:49 PM

- (1,1) ILPJS010 'ilp Report Cycle'
- (2,1) 27_2705 Borrower Sequence Pass Of Data Base
- (3,1) L27300 Borrower Update Processing
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 27402 Borrower PCD 27402 Credit Re
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17259 Lpsicf Calculation Program Datagroup
- (4,5) 17701 Lr30072 Report Work Datagroup TCB User
- (4,6) 17735 Loan Date INIT
- (4,7) Datagroup: 2000 T58001D Date Control Block
- (5,2) 27300 Program L27300 Work Datagroup Borrower Batc
- (5,3) Datagroup: 9 P49809D User Exception Message
- (6,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (6,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (6,4) 27210 Borrower Internal Transaction (SDB L27RRQO L27TRNO)
- (6,5) 27500 Borrower Base Datagroup (HDB BORMAST)
- (6,6) 27502 Borrower Credit Review Totals (HDB BORMAST)
- (6,7) 27510 Borrower Finance Disclosur Datagroup (HDB BORMAST)
- (7,2) 27511 Borrower Non Business Datagroup (HDB BORMAST)
- (7,3) 27550 Borrower Pointer Datagroup (HDB BORPTRS)
- (7,4) 27598 Borrower User Data (HDB BORMAST)
- (8,1) L50259 ICF Dates Calculation
- (8,2) L50407 Maintenance INIT For Loan
- (8,3) L50937 Issue TCB User CC Report Lr30072 Implode

L27310 - Borrower Reports



Objects: (row, column) 5/27/2003 2:07:22 PM

- (1,1) ILPJS010 ILP Report Cycle
- (2,1) 027_2710 Borrower Sequence Pass Of Data Base
- (3,1) L27310 Borrower Update Processing
- (3,2) PCD: 140 P49140D Check Point Restart Datagroup
- (3,3) 27400 Borrower PCD 27400
- (3,4) 27402 Borrower PCD 27402 Credit Re
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) 13530 Account # Edit Wk Area
- (4,4) Datagroup: 1452 I57101D PCD Control Block
- (4,5) 17008 LPS Date Edit Work
- (4,6) 17701 Lr30072 Report Work Datagroup TCB User
- (4,7) 17735 Loan Date INIT
- (5,2) Datagroup: 2000 T58001D Date Control Block
- (5,3) 27100 Borrower Batch Work Datagroup
- (5,4) 27310 Program L27310 Work Datagroup Borrower Batc
- (5,5) Datagroup: 9 P49809D User Exception Message
- (6,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (6,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (6,4) 27210 Borrower Internal Transaction (SDB L27RRQO L27TRNO)
- (6,5) 27500 Borrower Base Datagroup (HDB BORMAST)
- (6,6) 27502 Borrower Credit Review Totals (HDB BORMAST)
- (6,7) 27510 Borrower Finance Disclosur Datagroup (HDB BORMAST)
- (7,2) 27511 Borrower Non Business Datagroup (HDB BORMAST)
- (7,3) 27550 Borrower Pointer Datagroup (HDB BORPTRS)
- (7,4) 27598 Borrower User Data (HDB BORMAST)
- (8,1) U50530 Account No Edit Rtn
- (8,2) L27100 Borrower Sequence Pass Report Select

(8,3) L27101 **Borrower Batch PCD Report Sw**
(8,4) L50008 **LPS Simple Date Edit**
(8,5) L50407 **Maintenance INIT For Loan**
(8,6) L50937 **Issue TCB User CC Report Lr30072 Impplode**

ILPJS011



Job ILPJS011

- Resets in-progress indicator on the LPSICF database

L50740 - Reset Indicators



Objects: (row, column)4/24/2003 3:15:20 PM

- (1,1) ILPJS011 'ilp Rset Flag'
- (2,1) 10_211 Reset In Progress Indicator
- (3,1) L50740 LPS Restraint In Program Flag
- (3,2) Datagroup: 1 P49000D User TCB
- (4,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
- (4,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)
- (4,4) 17603 LPS ICF Last Nos (HDB LPSICF)

ILPJS012

Job ILPJS012

- Produces a report to aid in the balancing process

L50972 - Retrieve Transaction Codes



Objects: (row, column)4/24/2003 3:17:41 PM

- (1,1) ILPJS012 'ilp Rset Flag'
- (2,1) 10_228 ILP Loans G L Balancing
- (3,1) L50972 Retrieves TCS To Balance General Ledger To Loan
- (3,2) 17399 Transaction Code PCD
- (3,3) 17407 Product Code PCD
- (3,4) 17413 Finance Transaction Processing PCD
- (3,5) 17441 LPS Late Charge PCD
- (3,6) 17443 Membership Code PCD
- (3,7) 17444 LPS Accrual Calculation PCD
- (4,2) 17451 Defer Fee PCD
- (4,3) 17459 Post Transaction Code PCD
- (4,4) 17473 Lending Policy PCD
- (4,5) 17497 PCD 17497 Insurance Defaults
- (4,6) 17499 General Ledger Balancing Report Control PCD
- (5,2) Datagroup: 1 P49000D User TCB
- (5,3) Datagroup: 1452 I57101D PCD Control Block
- (5,4) 17012 Envrnmt Driver Wk Datagroup
- (5,5) 17973 Work Data Group Program L50972
- (6,2) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (6,3) 17971 Work Data Group Program L50971 (SDB SFTI150 SFTO150)
- (6,4) 17972 Work Data Group Program L50972 (SDB SFTI160 SFTO160)
- (7,1) L50021 LPS Get Transaction Criteria Table

L50974 - Retrieve GL Account Numbers



Objects: (row, column)7/11/2003 2:35:46 PM

(1,1) ILPJS012 ILP Rset Flag
(2,1) 010_229 ILP Loans G L Balancing
(3,1) L50974 Issues Implode For General Ledger Loan Balancing
(3,2) 17499 General Ledger Balancing Report Control PCD
(3,3) 36000 GLI Table One
(3,4) 36001 PCD 36001
(4,2) Datagroup: 1 P49000D User TCB
(4,3) Datagroup: 1452 I57101D PCD Control Block
(4,4) Datagroup: 17974 L50974D Work Data Group Program L50974
(4,5) Datagroup: 17975 L50975D Work Data Group Program L50974
(5,2) Stored Datagroup: 17972 L50972D Work Data Group Program L50972
(7,1) 10293 Loans General Ledger Balancing Report

ILPJS013



Job ILPJS013

- Clears the LPSRPTS and LPSTXNS databases

Loans System JCL Cross-Reference

Job Name	Proc	Source	Trans- action	Transaction Description
ILPJS001	HOGNxLSD	None	49 904	Set LPS run date
	HOGNxLRC	LPS00217	10 217	Create rate change tickler
		LPSSORT4	None	
	HOGNxLOC	LPS00220	10 220	Loans System CDS OTP release
			10 225	Release CDS
			10 226	Print CDS master file
			10 223	Loans System OTP release
		LPS00221	10 221	CDS OTP SPS print
	HOGNxINT	LPS00800	10 800	Miscellaneous file init for Loans System

Job Name	Proc	Source	Trans- action	Transaction Description
ILPJS002	HOGNxCOL	LPS02810	28 2810	Collateral sequential pass of data
		LPS02812	28 2812	Collateral first pass report
	HOGNxPID	LPS00454	10 454	Create insurance disbursements
		LPS00730	10 730	PID input second pass report
	HOGNxCT1	LPS02818	28 2818	Collateral sequential pass of data
		LPS02851	None	
		LPS02852	None	
		LPS02819	28 2819	Collateral tax disbursement
		LPS02812	28 2812	Collateral first pass report
	HOGNxCT2	LPS02816	28 2816	Collateral sequential pass tax service
		LPS02812	28 2812	Collateral first pass report
	HOGNxCT3	LPS02820	28 2820	Collateral—ITS record build
		LPS02812	28 2812	Collateral first pass report
ILPJS003	HOGNxMLA	MLASYIN1	31 106	Split MLARPTS file
		MLASYIN3	31 107	Sequential pass online database
		MLASYIN4	31 108	Sequential pass offline file
		MLASYIN5	31 109	First pass reports (batch)
ILPJS004	HOGNxCL1	LPS00203	10 203	Split transaction and reports
		DMYTRAN S	None	
		LPSSORT2	None	
		LPS00304	10 304	Force open for single stream

Job Name	Proc	Source	Trans- action	Transaction Description
		LPS00204	10 204	Build sort routine
		LPS00305	10 305	Force open for single stream
		LPS00308	10 308	LPS tickler sort
	HOGNxCL2	LPS00205	10 205	Batch posting
		LPSRPRLD	None	Pre-load modules for batch processing
	HOGNxCL3	LPS00301	10 301	Apply deferred updates
		LPS00224	10 224	First pass reports
		ILPREPRO	None	
	HOGNxMGR	LPS00209	10 209	Management report key arrange
		LPS00210	10 210	Management report print
ILPJS005	HOGNxLSM	LSM00210	39 210	LSM batch reporting selection
		LSM00220	39 220	LSM batch reports
ILPJS006	HOGNxCT4	LPS02822	28 2822	COL—process returned ITS
		LPS02853	None	
		LPS02824	28 2824	COL tax service routine file build
		LPS02812	28 2812	Collateral first pass report
ILPJS007	HOGNxLCM	LPS00219	10 219	LPS commitment batch
		LPSRPRLD	None	Pre-load modules for batch processing
		LPS00206	10 206	LPS first pass reports
	HOGNxSLG	LPS00240	10 240	Student loan sequential batch
		LPS00245	10 245	Student loans guaranteeing institution report print

Job Name	Proc	Source	Trans- action	Transaction Description
	HOGNxDLR	LPS00218	10 218	Dealer sequential pass
		LPS00213	10 213	Dealer reports print
	HOGNxLOA	LPS00222	10 222	OTP Batch Add
		LPS00221	10 221	CDS OTP SPS print
	HOGNxBIL	LPS00212	10 212	Loans System billing print
		LPS00216	10 216	Loans System second pass reports
	HOGNxCBL	LPS00227	10 227	CMT billing print
		LPS00216	10 216	Loans System second pass reports
	HOGNxLRA	LPS00214	10 214	Reserve analysis
		LPS00215	10 215	Reserve analysis reports
		LPS00216	10 216	Loans System second pass reports
	HOGNxPDC	LPS00453	10 453	Update CLSPID after disbursement
		LPS00730	10 730	PID input second pass report
ILPJS008	HOGNxPYS	PAYSSYI1	26 1204	Payee—sequential pass of data
		PAYJ070	26 1208	Payee—first pass reports
ILPJS009	HOGNxGL3	GLINPWH	36 30	General ledger warehouse
		GLINP3	10 208	Pass 2 reports
	HOGNxGL2	GLINP1	36 10	GLI assign interim account number
		GLINP2	36 20	GLI assign user account number
		GLINP3	10 208	GLI pass 2 reports
ILPJS010	HOGNxLSP	LPS00208	10 208	LPS pass 2 reports
	HOGNxCMB	LPSSORT3	None	

Job Name	Proc	Source	Trans- action	Transaction Description
		LPS00233	10 233	Combined billing statement
		LPS00216	10 216	Loans System second pass reports
	HOGNxCHK	LPS58100	58 100	Sort input and create control report
		LPS58101	58 101	Loans System check writing print
		LPS58102	58 102	Loans System print checks—ARP file
	HOGNxBOR	LPS02705	27 2705	Borrower sequential pass of data
		LPS02710	27 2710	Borrower report selection
		LPS02712	27 2712	Borrower first pass reports
ILPJS011	HOGNxLRF	LPS00211	10 211	Reset in progress indicator
ILPJS012	HOGNxLBL	ILPSORT1	None	
		LPS00228	10 228	Loans general ledger balancing
		ILPSORT2	None	
		LPS00229	10 229	Loans general ledger balancing
		LPS00216	10 216	Loans System second pass reports
ILPJS013	HOGNBPEM or HOGNDPEM	None	49 105 or 49 113	Null file



Exercise

- In what job(s) and transaction(s) could I find:
 - Loan Financial transaction posting? Loan (not combined) Billing Statement production?
 - Tax service file build
 - Memo post release
 - The release of previously rejected transactions
 - Insurance payments

Reporting Objectives

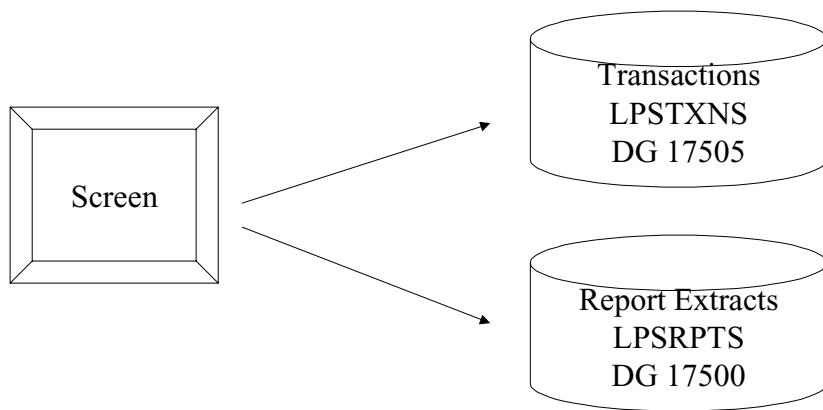


- To describe the function of the online capture and splitter programs
- To identify implosion and print routines, PCD 02308 items and report Ids for reports in the Loans System

Online Capture of Reports and Transactions



Capturing Online Transaction and Report Data





Transactions from Online

- Image of all transactions entered during the day (monetary and non-monetary) for recovery
- Ticklers for Rate change and payoff
- New Loan data
- Internally generated transactions

PCD 17471

```

U140      POSTING SEQUENCE          ACTION SUCCESSFUL
COMMAND ==> NXT      OWNER ==>      CC# =====>
FORMAT ==> 17471      COMP ==> 7    EFF =====> 93/03/15 HIGH USE? ==> NO
USER KEY=> ILSMONET1  FOUND CO: DFLT  FOUND EFF: 78/01/01 EXPIRES: 999/12/31
                                         PCD ID 17471
* ENTER USER KEY AS FOLLOWS: AAABBBBBBC *
*   AAA=PRODUCT CODE BBBB=TRAN CODE C=ENVIRONMENT *
* RECURSIVE KEY: VARIABLE DATA- *

POSTING ACTIVITIES:           BYPASS IN BATCH
1.     17014 <----- save before images
2.     17410 <----- transaction posting driver
3.     17718 <----- generate report data
4.     17157 <----- history write
5.     17505 <----- lpstxns/online capture program
6.
7.
8.
9.
10.

LAST MAINT: DATE 90/03/06 TIME 16.16.07 CC 49222      OPER ACF
PF: 2-XREF 3-PLVL 4-CHG 5-ADD 6-INQ 7-FMT 8-NXT 9-NXT ..-DEL

```

Transaction Posting Cycle Schematic



L50505 - Writing Online Transactions



Objects: (row, column)7/11/2003 2:37:55 PM

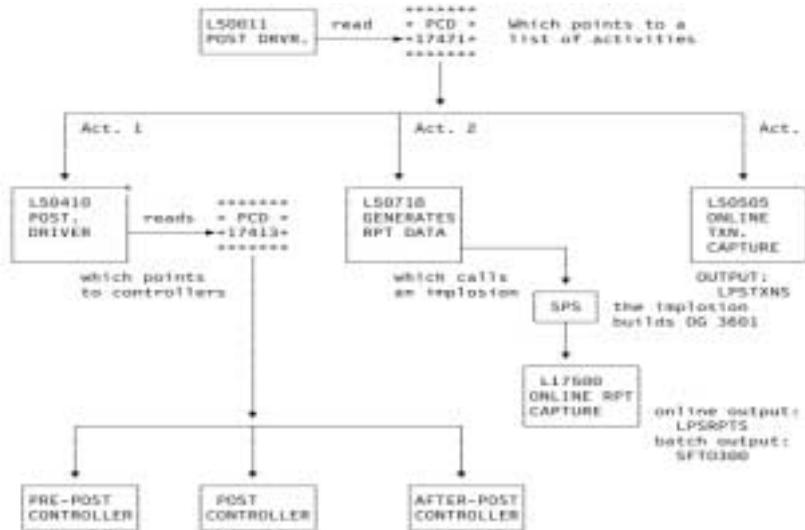
(1,1) CLSADVD	CLS Allocate Spread
(1,2) CLSANBA	CLS Adjustment Accrual Not Billed
(1,3) CLSANPT	CLS Allocate Payment No Participation
(1,4) CLSAPPT	CLS Allocate Participation Payment Spread
(1,5) CLSAPST	CLS Allocate Spread
(1,6) CLSBNPA	CLS Adjustment Billed Not Paid
(1,7) CLSBPWA	Backup Withholding Adjustment
(2,1) L10250	CLS \$ Post Screen Post Screen
(3,1) L50505	Write O L Transaction HDB Lpstxn
(3,2) LPSTXNS	CLS Transaction Data Base
(4,2) L10EXPI	17210 Transaction Input
(4,3) L10EXPO	Transaction Output In 17210 Format
(4,4) L27RRQO	Borrower Report Request Output
(4,5) L27TRNO	Borrower Transactions Output
(4,6)	
(7,1) L29935	INIT Extension Datagroup 29810
(7,2) 10297	Post System Generated Transaction Participations



DG 17505 - Online Transaction

- 01 LPS-ONLINE-TRANSACTIONS-DG
- 05 OL-ACTION-L17505D PIC XX
- 05 OL-RESULT-L17505D PIC XX
- 05 OL-TXNS-LL PIC S9(4) COMP
- 05 FILLER PIC XX
- 05 OL-TXNS-KEY
 - 10 OL-TXNS-DATE PIC 9(7) COMP-3.
 - 10 OL-TXN-COMPANY-NO PIC XX.
 - 10 OL-TXN-PRODUCT PIC XXX.
 - 10 OL-TXN-LOAN-BORROWER PIC X(23).
 - 10 OL-TXN-PART-COMMIT PIC X(5).
 - 10 OL-TXN-OPERATOR PIC X(8).
 - 10 OL-TXNS-TIME
 - 15 OL-TXN-TIME-HIGH PIC XX.
 - 15 OL-TXN-TIME-LOW PIC X(6).
- 05 OL-TXN-RECORD
 - 10 FILLER PIC X(8)
 - 10 OL-TXN-17210
 - 15 FILLER PIC X(3).
 - 15 OL-PD-CAPTURE-ACTY PIC XX.
 - 15 OL-TXN-FILLER PIC X(287).
 - 10 OL-TXN-29810
 - 15 FILLER PIC X(596)

Reports Capture Schematic



L17500 - Writing Online Report Extracts



Objects: (row, column) 7/11/2003 2:41:11 PM

(1,1) MLA4128 Print Reg Z Revised Copy
 (1,2) MLA4102 Print Commitment Letter
 (1,3) MLA4103 Print Counter Offer Letter
 (1,4) L20715 Participation Lgen Real Time Post Driver
 (1,5) L20730 Automatic Non Accrual Driver Program
 (1,6) L20735 Investor Loan Selection Expire
 (1,7) L20750 Automatic Status Chg For Mort End Date
 (2,1) L41320 Reg
 (2,2) L41331 Pre Dis Commit Lette
 (2,3) L41332 Pre Dis C O Letter
 (2,4) 10101 File Maintenance Input List
 (3,1) L17500 Write O L Report
 (3,2) Datagroup: 1 P49000D User TCB
 (3,3) 17501 Work Datagroup For L17501
 (4,2) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
 (4,3) 17500 LPS Online Implode (HDB LPSRPTS)
 (4,4) 3601 Samvl Data String (SDB BTMSPSO D42EXTO D42R01I D42R01O D42R02O D42R09O
 D42RBRPO F600O00 F600O10 FISDOD01 I35ARPTO I35IRP2O I35IRP3O I35IRPTO L10MEMO
 L10PSTC L26PAYR OCSO100 PBSRPTS PCS15IN4 PCS40IN2 PCS40IN3 PCS40OU3 PMTRPT2O
 PMTRPTSO Q90CRPO Q90MRPO Q90PRPO Q90RP2I Q90RP2O Q90RPTI Q90RPTO SFTO126
 SFTO300 SFTO301 SFTO302 SFTO303 SFTO304 SFTO310 SFTO338 T40EXTO T40R01I T40R01O
 T40R02O T40R09I T40R09O T40R27O T40RBRPO T50RPT5 TID2T21 TOD1D15 TOD1D16 TOD1D40
 TOD1D51 TOD1D52 TOD1D56 TOD1D58 TOD1D60 TOD1D73 TOD1D80 TOD1D90 TOD1T04 TOD1T05
 TOD1W02 TOD2D21 TOD2T21 UDB2SPSO UESBERR UESDLYO UESMT2O UESMTHO)



DG 17500-Online Report Extract

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01 ONLINE-REPORT-IMPLOSION-DG
  05 MA-ACTION-L17500D      PIC XX
  .
  05 MA-RESULT-L17500D      PIC XX
  .
  05 OL-REPORT-LLBB
  .
  10 OL-REPORT-LL          PIC S9(4) COMP.
  .
  10 OL-REPORT-BB          PIC XX.
  .
  05 OL-REPORT-KEY
  .
  10 OL-REPORT-DATE        PIC 9(7)  COMP-3.
  .
  10 OL-REPORT-COMPANY-NO   PIC XX.
  .
  10 OL-REPORT-PRODUCT      PIC XXX.
  .
  10 OL-REPORT-LOAN-BORROWER PIC X(23).
  .
  10 OL-REPORT-PART-COMMT   PIC X(5).
  .
  10 OL-REPORT-SYSDATE      PIC S9(7)  COMP-3.
  .
  10 FILLER                 PIC X(4)
  .
  10 OL-REPORT-TIME
  .
  15 OL-TIME-HIGH-ORDER     PIC X(2).
  .
  15 OL-TIME-LOW-ORDER      PIC X(6).
  .
  05 OL-3601-WRITE-ACT      PIC XX.
  .
  05 OL-REPORT-FILLER       PIC X(08)
  .
  05 OL-REPORT-RECORD
  .
  10 OL-REPORT-ACTION       PIC XX.
  .
  10 OL-REPORT-RESULT       PIC XX.
  .
  10 OL-REPORT-REC-SAMVL    PIC S9(4)  COMP.
  .
  10 FILLER                 PIC XX
  .
  10 OL-REPORT-REC-DATA      PIC X(2484).
  
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Will a Report Be Produced?

At All? ➔ Report Flag
PCD 1618

Today? ➔ Report Frequency
PCD 17404

L50710 - Report Production Check

A screenshot of a software application window titled "L50710 LPS Set Report Flag". The window displays a grid of report flags. The columns are labeled: L12980, CLSLSET, CLSREGI, CLSRNEG, CLSSSET, B10_205, B10_201, L12990, L20062, L50705, L50709, L50710, 1618, 17404, 2005, 7452, 17710, 17735, 2000, and 17602. The row for L50710 is highlighted. A scroll bar on the right indicates that there are many more rows than shown. The bottom of the window has buttons for Clipboard, Print, Change Focus, Close, Help, and Legend.

L12980	CLSLSET	CLSREGI	CLSRNEG	CLSSSET	B10_205	B10_201	L12990	L20062	L50705	L50709	L50710	1618	17404	2005	7452	17710	17735	2000	17602

Many
more
(scroll
right)

Objects: (row, column)5/29/2003 1:05:49 PM

(1,1) L12380 ILP Fund Existing Loan
(1,2) CLSLSET Lset Product Selection Screen
(1,3) CLSREGI ILP Registration Process
(1,4) CLSRNEG Renegotiate Debt Setup Screen
(1,5) CLSSSET Sset Scheme Details
(1,6) 010_205 LPS Batch Post
(1,7) 010_201 LPS Reports Sequential Pass
(2,1) L12350 Lset Profile Funding Program
(2,5) L20062 Sset Scheme Detail
(2,6) L50706 LPS Batch Processing Driver
(2,7) L50709 Loan Sequence Report Select Driver
(3,1) L50710 LPS Set Report Flag
(3,2) PCD: 1618 T50918D SPS Report Flags
(3,3) 17404 LPS Report Frequency PCD
(3,4) PCD: 2005 T58006D Dcb Control PCD
(4,2) Datagroup: 1 P49000D User TCB
(4,3) Datagroup: 1452 I57101D PCD Control Block
(4,4) 17710 LPS Report Flags
(4,5) 17735 Loan Date INIT
(4,6) Datagroup: 2000 T58001D Date Control Block
(4,7) Datagroup: 9 P49809D User Exception Message
(5,2) 17600 Lpsicf Base Datagroup (HDB LPSICF)
(5,3) 17602 LPS ICF Control Datagroup (HDB LPSICF)



Notice About L50710

- Setting of Flags into Work datagroup
- Need to know the Report Flag number for a report

Switches and Implode List

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10101	L10307, L50506, L50705		40101/10101
LR10102	L50506, L50705		40102/10102
LR10103	L50718	03	40103/10103
LR10104	L50718		40104/10104
LR10105	L50086, L50705		40105/10105
LR10106	L50705		40106/10106
LR10107	L50019, L50497, L50625, L50738		40107/10107
LR10108	L50708	08	40108/10108
LR10109			40109/10109
LR10110	L50708		40110/10110
LR10111	L50708	11	40111/10111
LR10112	L50708	12	40112/10112
LR10113	L50708	13	40113/10113
LR10114	L50924	14	40114/10114
LR10115	L50717	15	40115/10115
LR10116	L50708	16	40116/10116
LR10117	L50659	17	40117/10117
LR10118	L50722	18	40118/10118
LR10119	L50718	19	40119/10119
LR10120	L50708	20	40120/10120
LR10122	L50604	22	40122/10122
LR10123	L50604	23	40123/10123
LR10124	L50717	24	40124/10124

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10125	L50708	25	40125/10125
LR10126	L50603	26	40126/10126
LR10127	L50602	27	40127/10127
LR10128	L50602	28	40128/10128
LR10129	L50708	29	40129/10129
LR10130	L50718, L50728, L50729, L50889	30	40130/10130
LR10131	L10261	31	40131/10131
LR10132	L10262	32	40132/10132
LR10133	L50717	33	40133/10133
LR10134			40134/10134
LR10135			40135/10135
LR10136	L50708	36	40136/10136
LR10137	L50717	37	40137/10137
LR10138	L50708	38	40138/10138
LR10139	L50708	139	40139/10139
LR10140	G36061		40140/10140
LR10141			40141/10141
LR10142	L50708	42	40142/10142
LR10143	L50708	143	40143/10143
LR10144	L50708	44	40144/10144
LR10145	L50708	45	40145/10145
LR10146	L50708	46	40146/10146
LR10148	L50708	48	40148/10148
LR10149	L50708	49	40149/10149
LR10150	L50708	50	40150/10150
LR10151	L50708	51	40151/10151

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10152	L50708	52	40152/10152
LR10153	L50708	53	40153/10153
LR10154	L50708	54	40154/10154
LR10155	L50708	55	40155/10155
LR10156	L10325, L50574, L50674, L50874		40156/10156
LR10157	L10325, L50574, L50674, L50874		40157/10157
LR10158	L12158, L24608		40158/10158
LR10159	L50708	59	40159/10159
LR10160	L50708	60	40160/10160
LR10161	L50137	61	40161/10161
LR10162	L50137	62	40162/10162
LR10164	L50089		40164/10164
LR10165			/10165
LR10168	L50708	68	40168/10168
LR10169	L50708	69	40169/10169
LR10170	L50708	70	40170/10170
LR10171	L50140		40171/10171
LR10175	L50019, L50619, L50718		40175/10175
LR10176	L50924	76	40176/10176
LR10177	L50708	77	40177/10177
LR10178	L10933	78	40178/10178
LR10179			40179/10179
LR10180	L50706, L50709, L50908, L50907		40180/10180
LR10181			40181/10181
LR10182	L50602	82	40182/10182

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10183	L50708, L50727, L50947	83	40183/10183
LR10184	L50708	84	40184/10184
LR10185	L50924	85	40185/10185
LR10186	L50708	86	40186/10186
LR10187	L50708	87	40187/10187
LR10188	L50708		40188/10188
LR10189	L50708	89	40189/10189
LR10190	L50708	90	40190/10190
LR10191	L12923	91	40191/10191
LR10193	L50708	93	40193/10193
LR10194	L50708	94	40194/10194
LR10195	L50708	95	40195/10195
LR10196	L50708	96	40196/10196
LR10197	L50708	97	40197/10197
LR10198	L50708	98	40198/10198
LR10199	L10304, L10312 L10331, L50377 L27202, L28225	99	40199/10199
LR10201	L50708	101	40201/10201
LR10202	L50708	102	40202/10202
LR10203	L50708	103	40203/10203
LR10204	L50708	104	40204/10204
LR10205	L50708	105	40205/10205
LR10206			40206/10206
LR10207			40207/10207
LR10208		108	40208/10208
LR10209	L50708	109	40209/10209

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10210	L50708	110	40210/10210
LR10211	L50708	111	40211/10211
LR10212			40212/10212
LR10213	L50227		40213/10213
LR10214	L50708	114	40214/10214
LR10215	L50708	115	40215/10215
LR10216	L50708	116	40216/10216
LR10217	L50708	117	40217/10217
LR10218	L50717	118	40218/10218
LR10219	L50707, L41121		40219/10219
LR10220	L50708	120	40220/10220
LR10221	L50708	121	40221/10221
LR10222	L50725		40222/10222
LR10223	L50708	123	40223/10223
LR10224	L50708	124	40224/10224
LR10225	L50708	125	40225/10225
LR10226	L50708	126	40226/10226
LR10228	L50227		40228/10228
LR10229	L50708	129	40229/10229
LR10231	L50708	131	40231/10231
LR10232	L50708	132	40232/10232
LR10233	L50718	133	40233/10233
LR10234	L50708	134	40234/10234
LR10235	L50708	135	40235/10235
LR10236	L50708	136	40236/10236
LR10237	L50520	137	40237/10237
LR10238	L50619		40238/10238

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10239	L50708	239	40239/10239
LR10240	L50708	140	40240/10240
LR10241	L50913	141	40241/10241
LR10242	L50913	142	40242/10242
LR10244	L50708	144	40244/10244
LR10246	L50708	146	40246/10246
LR10247	L50708		40247/10247
LR10248	L50717	148	40248/10248
LR10249	L50708	149	40249/10249
LR10250	L50708	150	40250/10250
LR10251	L50708	151	40251/10251
LR10252	L50708	152	40252/10252
LR10253	L50708	153	40253/10253
LR10254	L50708	154	40254/10254
LR10255	L50708	155	40255/10255
LR10257			40257/10257
LR10259	L50708	159	40259/10259
LR10260	L50708	160	40260/10260
LR10261	L50708	161	40261/10261
LR10262	L50708	162	40262/10262
LR10264	L50708	164	40264/10264
LR10265	L50708	165	40265/10265
LR10270	L50701		40270/10270
LR10271	L50708	171	40271/10271
LR10272			40272/10272
LR10273	L50708	173	40273/10273
LR10274	L50708	174	40274/10274

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10277	L50708	177	40277/10277
LR10278	L50708	178	40278/10278
LR10279	L50708	179	40279/10279
LR10280		180	40280/10280
LR10281			40281/10281
LR10282			40282/10282
LR10283			40283/10283
LR10284			40284/10284
LR10285	L50708	185	40285/10285
LR10286	L50019, L50422, L50622, L50625		40286/10286
LR10287	L50019, L50422, L50622, L50625		40287/10287
LR10288	L50023, L50705		40288/10288
LR10289	L50082		40289/10289
LR10290	L50705		40290/10290
LR10291			40291/10291
LR10293	L50974		40293/10293
LR10294	L50708	194	40294/10294
LR10295			40295/10295
LR10296			40296/10296
LR10298	L50622, L20711		40298/10298
LR10299	L10250, L12611	299	40299/10299
LR10302			40312/10312
LR10304			40314/10314
LR10312	L50350		40312/10312
LR10314	L50350, L50355, L50374, L50399		40314/10314

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10316	L50350, L50357		40316/10316
LR10317	L50350, L50587		40317/10317
LR10318	L50350, L50587		40318/10318
LR10319	L50993	219	40319/10319
LR10320	L50993	220	40320/10320
LR10323			40323/10323
LR10326			40326/10326
LR10329			40329/10329
LR10330			40330/10330
LR10335	L10612, L50215, L12076, L12077, L12350, L20822, L22022		40335/10335
LR10336	L50215, L12077, L12350, L22022		40336/10336
LR10337	L50215, L12076, L22022		40337/10337
LR10338	L50727, L20822		40338/10338
LR10343	L50708	343	40343/10343
LR10344			40344/10344
LR10345	L50708	345	40345/10345
LR10346	L50708	246	40346/10346
LR10347	L50913, L29952, L29978		40347/10347
LR10348	L50913, L29952, L29978		40348/10348
LR10349	L12070, L20024		40349/10349
LR10350	L50708	350	40350/10350
LR10351	L50708	351	40351/10351
LR10352	L29980, l29982	252	40352/10352

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10353	L50708	253	40353/10353
LR10354	L50708, L29984		40354/10354
LR10355	L50708, L29984		40355/10355
LR10356	L50708, L29984		40356/10356
LR10359	L50708	259	40359/10359
LR10360	L50708	260	40360/10360
LR10361	L50708	261	40361/10361
LR10362	L50708	262	40362/10362
LR10363	L50718	263	40363/10363
LR10366	L50718	266	40366/10366
LR10368	L50717, L50718	268	40368/10368
LR10370			40370/10370
LR10371			40371/10371
LR10372	L20301, L20751		40372/10372
LR10373	L20067		40373/103734
LR10374	L50924		40374/10374
LR10375			40375/10375
LR10376			40376/10376
LR10377	L29886, L32099, L32104, L20083		40377/10377
LR10379	L20835		40379/10379
LR10380	L20835		40380/10380
LR10381	L20835		40381/10381
LR10382	L20835		40382/10382
LR10383	L20835		40383/10383
LR10384	L20835		40384/10384
LR10385	L20835		40385/10385

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10386	L20835		40386/10386
LR10387			40387/10387
LR10391			40391/10391
LR10392			40392/10392
LR10393			40393/10393
LR10394			40394/10394
LR10395	L12730		40395/10395
LR10397	L12730		40397/10397
LR10398	L20701, L20702, L20703, L20704, L20705		40398/10398
LR10399	L20701, L20702, L20703, L20704, L20705		40399/10399
LR10400	L12395		40400/10400
LR10410	L20611		40410/10410
LR10411	L20611		40411/10411
LR10412	L20611		40412/10412
LR10413	L20611		40413/10413
LR10420	L20824		40420/10420
LR10421	L20866, L20867		40421/10421
LR10423			40423/10423
LR10424			40424/10424
LR10425			40425/10425
LR10426			40426/10426
LR10427			40427/10427
LR10428			40428/10428
LR10429			40429/10429
LR10430			40430/10430

Report Number	Programs	Switch Number	Implode/Explode Activity
LR10431			40431/10431
LR10432			40432/10432
LR10500	L50708		40500/10500
LR10501	L50708		40501/10501
LR10502			40502/10502
LR10503			40503/10503
LR30006	L50715	206	40506/10506
LR30010	L10307		40510/10510
LR30012	L50718	212	40512/10512
LR30013	L50718	213	40513/10513
LR30014	L50651, L50718		40514/10514
LR30020	L50715	220	40520/10520
LR30021	L50715	221	40521/10521
LR30022			40522/10522
LR30023			40523/10523
LR30025	L50728		40525/10525
LR30026	L12041, L12350, L12077, L12041		40526/10526
LR30027	L50715		40527/10527
LR30028	L50715	228	40528/10528
LR30029	L50715	229	40529/10529
LR30031	L50715	231	40531/10531
LR30032	L50715	232	40532/10532
LR30033	L50715	233	40533/10533
LR30034	L50715	234	40534/10534
LR30035	L50715	235	40535/10535
LR30036	L50715	236	40536/10536

Report Number	Programs	Switch Number	Implode/Explode Activity
LR30037	L50715	237	40537/10537
LR30041	L50715	241	40541/10541
LR30042	L50715	242	40542/10542
LR30044	L50715	244	40544/10544
LR30046	L50715	246	40546/10546
LR30047	L50715	247	40547/10547
LR30048	L50715	248	40548/10548
LR30050	L50715	250	40550/10550
LR30052	L50715	252	40552/10552
LR30057	L50715	257	40557/10557
LR30058	L50715	258	40558/10558
LR30060	L50715	260	40560/10560
LR30061	L50715	261	40561/10561
LR30062	L50715	262	40562/10562
LR30063	L50718		40563/10563
LR30064	L50715	264	40564/10564
LR30065	L50715	265	40565/10565
LR30066	L50715	266	40566/10566
LR30069	L50715	269	40569/10569
LR30070	L50715	270	40570/10570
LR30071	L50715	271	40571/10571
LR30072	L50490, L50700, L50706, L50707, L50908, L50925, L32100, L32102		40572/10572
LR30073	L50715	273	40573/10573
LR30080	L43450		40580/10580
LR30081	L43450		40581/10581

Report Number	Programs	Switch Number	Implode/Explode Activity
LR30082	L43450		40582/10582
LR30084	L43450, L43510		40584/10584
LR43522			43022/43522

Mortgage Loan Application Reports

Mortgage Loan Application System Report Numbers and Report Flags

Report Number	Programs	Switch Number	Implode/Explode Activity
LR41001			40001/10001
LR41002			40002/10002
LR41003			40003/10003
LR41005			40005/10005
LR41007			40007/10007
LR41009			40009/10009
LR41010			40010/10010
LR41011			40011/10011
LR41015			40015/10015
LR41019			40019/10019
LR41021			40021/10021
LR41022			40022/10022
LR41023			40023/10023
LR41024			40024/10024
LR41025			40025/10025
LR41026			40026/10026
LR41027			40027/10027
LR41028			40028/10028
LR41029			40029/10029
LR41030			40030/10030
LR41031			40031/10031
LR41032			40032/10032
LR41034			40034/10034
LR41035			40035/10035
LR41036			40036/10036

Mortgage Loan Application System Report Numbers and Report Flags

Report Number	Programs	Switch Number	Implode/Explode Activity
LR41037			40037/10037
LR41038			40038/10038
LR41039			40039/10039
LR41040			40040/10040
LR41042			40042/10042
LR41043			40043/10043
LR41044			40044/10044
LR41045			40045/10045
LR41046			40046/10046
LR41047			40047/10047
LR41048			40048/10048
LR41049			40049/10049
LR41050			40050/10050
LR41051			40051/10051
LR41056			40056/10056
LR41060			40060/10060
LR41062			40062/10062
LR41070			40070/10070
LR41071			40071/10071

Borrower Support System Reports (PCD 01618 User Key = BOR)**Borrower Support System Report Numbers and Report Flags**

Report Number	Programs	Switch Number	Implode/Explode Activity
LR27010	L27100	10	40850/10850
LR27015	L27100	15	40860/10860
LR27020	L27100	20	40870/10870
LR27025	L27100	25	40885/10885
LR27030	L27100	30	40890/10890
LR27035	L27100	35	40895/10895
LR27040	L27100	40	40898/10898
LR27051	L27100		40861/10861
LR27052	L27100		40862/10862
LR27053	L27100		40863/10863
LR27054	L27100		40864/10864
LR27071	L27100		40871/10871
LR27072	L27100		40872/10872
LR27073	L27100		40873/10873
LR27074	L27100		40874/10874
LR27075	L27100		40875/10875
LR27076	L27100		40876/10876
LR27077	L27100		40877/10877
LR27080	L27100	40	40880/10880

Collateral Support System Reports (PCD 01618 User Key = COL)**Collateral Support System Report Numbers and Report Flags**

Report Number	Programs	Switch Number	Implode/Explode Activity
LR28002	L28100	02	40902/10902

Collateral Support System Report Numbers and Report Flags

Report Number	Programs	Switch Number	Implode/Explode Activity
LR28003	L28100, L28140		40933/10933 40903/ 10903
LR28004	L28100	04	40904/10904
LR28005	L28100	05	40905/10905
LR28006	L28100	06	40906/10906
LR28007	L28100	07	40907/10907
LR28008	L28100	08	40908/10908
LR28009	L28100	09	40909/10909
LR28010	L28100	10	40910/10910
LR28011	L28100	11	40911/10911
LR28012	L28100, L28160, L28170	12	40912/10912
LR28013	L28100, L28145		40913/10913
LR28014	L28100, L28145		40914/10914
LR28015	L28100	15	40915/10915
LR28016	L28100	16	40916/10916
LR28017	L28100	17	40917/10917
LR28018	L28100	18	40918/10918
LR28019	L28100	19	40919/10919
LR28020	L28100	20	40920/10920
LR28021	L28100	21	40921/10921
LR28022	L28100	22	40922/10922
LR28023	L28100, L28150, L28151	23	40923/10923
LR28024	L28100	24	40924/10924
LR28025	L28110		40925/10925
LR28026		26	40926/10926

Collateral Support System Report Numbers and Report Flags

Report Number	Programs	Switch Number	Implode/Explode Activity
LR28027	L28160		40927/10927
LR28028	L28160		40928/10928
LR28029	L28160		40929/10929
LR28030	L28170		40930/10930
LR28031	L28100	25	40931/10931
LR28032	L28100	26	40932/10932
LR28034	L28100		40934/10934
LR28035	L28100		40935/10935
LR28036	L28100		40936/10936
LR28040	L12720		40940/10940
LR28041			40941/10941
LR28042			40942/10942
LR28043			40943/10943

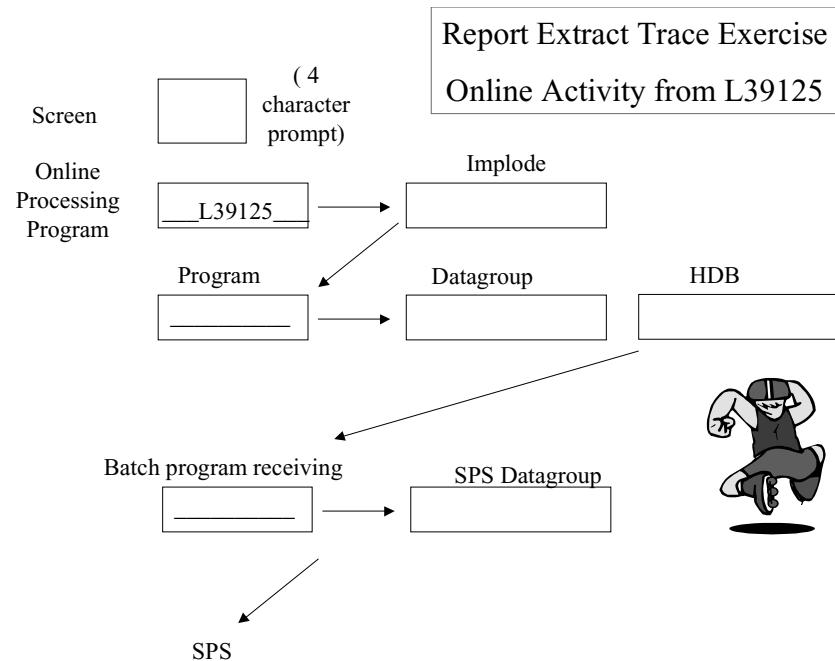
Construction Loan Servicing Reports (PCD 01618 User Key = XLS and XLS2)**Construction Loan Servicing Report Numbers and Report Flags**

Report Number	Programs	Switch Number	Implode/Explode Activity
LR32001	L32101	301	40704/10704
LR32002	L32101	302	40702/10702
LR32003	L32101	303	40712/10712
LR32004	L32101	304	40700/10700
LR32005	L32101	305	40710/10710
LR32006	L32101	306	40711/10711
LR32007	L32101	307	40703/10703
LR32008	L32101	308	40709/10709
LR32009	L32101	309	40701/10701
LR32010	L32101	310	40713/10713
LR32011	L32101	311	40715/10715
LR32012	L32101	312	40716/10716
LR32016	L32101	316	40707/10707
LR32017	L32101	316	40708/10708
LR32020	L32101	320	40720/10720
LR32021	L32101	321	40721/10721



Exercise

- Data for an implode for the Online Activity (10613) report has been gathered in program L39125.
- Please complete the chart which follows.



Other Topics

10



Topics Ahead

- General Ledger
- Purge Facilities
- Data Extract
- Multi-Stream Batch
- Customization



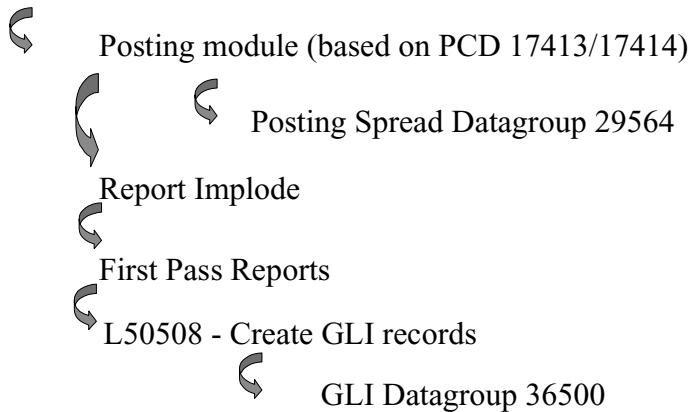
General Ledger

- Source of GL Data
- General Ledger Warehouse
- General Ledger Interface (GLI)



Source of General Ledger Data

Transaction (Datagroup 17210)



L50508 - Build GLI Interface Transactions



Objects: (row, column)7/11/2003 2:47:30 PM

(1,1) L50011 Real Time Post Dr
 (1,2) L50019 Real Time Igen Post
 (1,3) L50133 New Loan Transfer Non Monet Post Driver
 (1,4) L50509 Accrual G L Interface Build
 (1,5) L50622 Participation Post Driver
 (1,6) L50625 Participation Igen Real T Criver
 (1,7) L50718 LPS Batch Report Processing
 (2,1) 10104 Post Monetary Transactions Loans
 (3,1) L50508 G L Interface Transaction
 (3,2) Datagroup: 1 P49000D User TCB
 (3,3) 17750 Save Datagroup 2304
 (3,4) 17751 Save Datagroup 3601
 (3,5) 29564 Post Spread Work
 (4,2) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
 (4,3) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
 (4,4) 10512 Participation Sale Information Datagroup (HDB CLSPART LLCPMS LLCPSS)
 (4,5) 10531 Commitment Demogr Datagroup (HDB CLSCOMM)
 (4,6) 10541 Comm Participation Sale Information (HDB CLSPART LLCPMS LLCPSS)
 (4,7) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
 (5,2) 3601 Samvl Data String (SDB BTMSPSO D42EXT0 D42R01I D42R01O D42R02O D42R09O D42RBRPO F600O00 F600O10 FISDOD1 I35ARPT0 I35IRP2O I35IRP3O I35IRPT0 L10MEMO L10PSTC L26PAYR OCSO100 PBSRPTS PCS15IN4 PCS40IN2 PCS40IN3 PCS40OU3 PMTRPT2O PMTRPTSO Q90CRPO Q90MRPO Q90PRPO Q90RP2I Q90RP2O Q90RPTI Q90RPTO SFTO126 SFTO300 SFTO301 SFTO302 SFTO303 SFTO304 SFTO310 SFTO338 T40EXT0 T40R01I T40R01O T40R02O T40R09I T40R09O T40R27O T40RBRPO T50RPT5 TID2T21 TOD1D15 TOD1D16 TOD1D40 TOD1D51 TOD1D52 TOD1D56 TOD1D58 TOD1D60 TOD1D73 TOD1D80 TOD1D90 TOD1T04 TOD1T05 TOD1W02 TOD2D21 TOD2T21 UDB2SPSO UESBERR UESDLYO UESMT2O UESMTHO)
 (5,3) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
 (7,1) 10272 Transaction Balance Control

General Ledger Warehouse



General Ledger Warehouse

- Used for Reporting daily accrual adjustments to GL for loans that accrue daily
- Used for “Release and Drop” Transactions
- One SPS Explode (40292) does the work of creating the warehouse record (proving again that an explode is a program) in addition to creating a report extract



Release and Drop Transactions

- Special Purpose for
 - Amortized Loans (like mortgage)
 - That Accrue Monthly (accruals calculated at beginning of month but taken into earnings at end of month)
- Warehouse transaction written at beginning of month
- Released at end of month and no longer needed (dropped)

Warehouse Implode 40292 for Report 10292



Objects: (row, column) 5/30/2003 2:03:52 PM

- (1,1) L41394 Transfer To Service
- (1,2) L50276 Payoff Post Module
- (1,3) L50597 Accrual Amortized
- (1,4) L50598 Participation Accrual Adjustment G L
- (1,5) L50691 Rebate Calculation
- (1,6) L50697 Accrual Amortized
- (1,7) L50698 Accrual Adjustment G L
- (2,1) 10292 Implode General Ledger Warehouse
- (6,1) L17500 Write O L Report

L50698 - Example Accrual Adjustment



Objects: (row, column) 5/30/2003 2:09:14 PM

- (1,1) CLSCOFF LPS Loan Charge Off
- (1,2) CLSPCOF LPS Partial Charge Off
- (1,3) L12350 Lset Profile Funding Program
- (1,4) L29071 Before Post Accrual For FASB 91 Fee Cost
- (1,5) L29654 Adjustment Accrual After Post Curtailment
- (1,6) L50060 Repost To Backdated Transaction Date
- (1,7) L50061 Reposting Driver
- (2,1) L10273 Charge Off Screen Program
- (2,2) L22017 Partial Charge Off Screen Program
- (2,3) L29070 Amortize Net Fee And Cost
- (3,1) L50698 Accrual Adjustment G L
- (3,2) 17407 Product Code PCD
- (3,3) 17444 LPS Accrual Calculation PCD
- (3,4) 17466 Transfer Cost Center PCD
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) 17671 Accruals Dates Work
- (4,4) 17673 Accrual Work Datagroup
- (4,5) 17698 Generate Ledger Warehouse Datagroup
- (4,6) 17700 LPS Batch Work
- (4,7) 17735 Loan Date INIT
- (5,2) Datagroup: 2000 T58001D Date Control Block
- (6,2) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
- (6,3) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
- (6,4) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
- (6,5) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
- (6,6) 17210 LPS Internal Transaction (SDB L10EXPI L10EXPO RPMLOUT)
- (6,7) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)

(7,2) 36900 Generate Ledger Warehouse Datagroup (SDB LGLIN LGLINPUT)
(8,1) L50509 Accrual G L Interface Build
(8,2) 10292 Implode General Ledger Warehouse



General Ledger Warehouse Release

- Job ILPJS009, as we've seen
- Releasing a record to GL takes the accrued interest into earnings in GL
- Releasing process compares "process to" date with "next release date" on the warehouse record



Principle: Rolling the Mil

We send whole cents to GL.

We accrue to six decimal places.

We want GL to be accurate.

We don't want to lose any money.

What to do?



Principle: Rolling the Mil

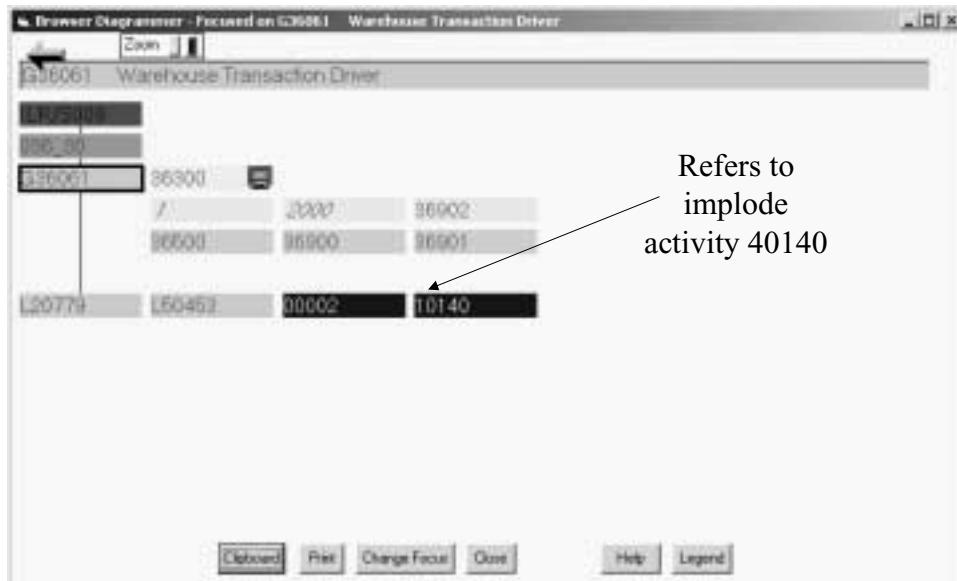
Truncate daily, but accumulate the
mils truncated for tomorrow



Rolling the Mil - Example

End of prior day	Daily Accrual	Aggregate Accrual	Amount Released	Aggregate Released
	0.116543	1.063997	.12	1.06
Today	Daily Accrual	Aggregate Accrual	Amount Released	Aggregate Released
	0.116543	1.180540	.12	1.18
Next Day	Daily Accrual	Aggregate Accrual	Amount Released	Aggregate Released
	0.116543	1.297083	.11	1.29

G36061 - Warehouse Transaction Driver



Objects: (row, column)7/11/2003 2:20:06 PM

(1,1) ILPJS009 ILP General Ledger Cycle
(2,1) 036_30 General Ledger Warehouse
(3,1) G36061 Warehouse Transaction Driver
(3,2) 36300 CDMF Accrual
(4,2) Datagroup: 1 P49000D User TCB
(4,3) Datagroup: 2000 T58001D Date Control Block
(4,4) 36902 GLI Warehouse Work Datagroup
(5,2) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
(5,3) 36900 Generate Ledger Warehouse Datagroup (SDB LGLIN LGLINPUT)
(5,4) 36901 GLI Warehouse Master Datagroup (SDB GLIMAST GLIMASTO)
(7,1) L20779 Write General Ledger Warehouse
(7,2) L50453 General Ledger Warehouse Interface
(7,3) 00002 Statistical Report
(7,4) 10140 G L Warehouse Items Released



Notice About G36061

- Role of PCD 36300, providing needed activities
- Getting the processing date via activity 17453 (L50453)

Implode activity 40140 for Report 10140



Objects: (row, column) 6/2/2003 9:08:07 AM

- (1,1) G36061 Warehouse Transaction Driver
- (2,1) 10140 G L Warehouse Items Released
- (2,2) PCD: 1601 T50901D P bank name address
- (3,2) Datagroup: 1 P49000D User tcb
- (3,3) 17007 Wrk Datagroup SPS Report
- (3,4) Datagroup: 5606
- (4,2) Stored Datagroup: 3601 H50001D Samvl data string
- (4,3) 36901 GLI Warehouse Master Datagroup (SDB GLIMAST GLIMASTO)



Notice About Implode 40140

- Not just a report implode
- Writing of output to SDB GLIINPUT

General Ledger Interface



General Ledger Interface

- Interim GL Table (PCD 36000)
 - assign GL account numbers as if they were the bank's GL account numbers
 - must be at least at granularity of bank's GL
- Interface GL Table (PCD 36001)
 - translate interim to actual bank chart of accounts
 - provides system with independence from bank accounting change

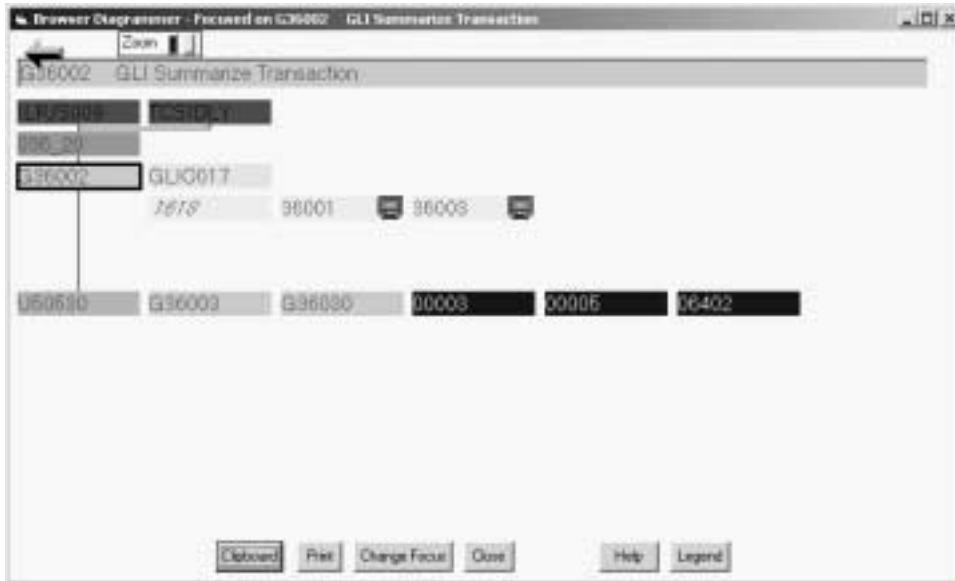
G36001 - GLI Interim Transaction



Objects: (row, column) 7/11/2003 2:22:38 PM

- (1,1) 036_10 GLI Assignment Interim Account Number
- (2,1) G36001 GLI Interim Transaction
- (2,2) PCD: 1618 T50918D SPS Report Flags
- (2,3) 36000 GLI Table One
- (2,4) 36002 PCD 36002 GLI Variable Information
- (3,2) Datagroup: 1 P49000D User TCB
- (3,3) Datagroup: 1452 I57101D PCD Control Block
- (3,4) 36501 Work Datagroup
- (4,2) 36500 GLI Transaction (SDB GLIINPUT I35IGLIO SFTO508 SFTO801 SFTO803)
- (4,3) 36502 GLI Summ Transaction (SDB GLIO017)
- (6,1) 00002 Statistical Report
- (6,2) 00004 Daily Overdraft Report

G36002 - Assign User GL Numbers



Objects: (row, column) 7/11/2003 2:24:19 PM

- (1,1) ILPJS009 ILP General Ledger Cycle
- (1,2) JB!TCSIDLY
- (2,1) 036_20 GLI Assignment User Account Number
- (3,1) G36002 GLI Summarize Transaction
- (3,2) GLIO017 GLI Output
- (4,2) PCD: 1618 T50918D SPS Report Flags
- (4,3) 36001 PCD 36001
- (4,4) 36003 PCD Format
- (7,1) U50530 Account No Edit Rtn
- (7,2) G36003 GLI Create Fcs Msa
- (7,3) G36030 G L Interface Hogan Fis
- (7,4) 00003 Activity On Dormant Escheatabl E Accounts
- (7,5) 00005 Rejected Items
- (7,6) 06402 Link To SPS Report Fr64002



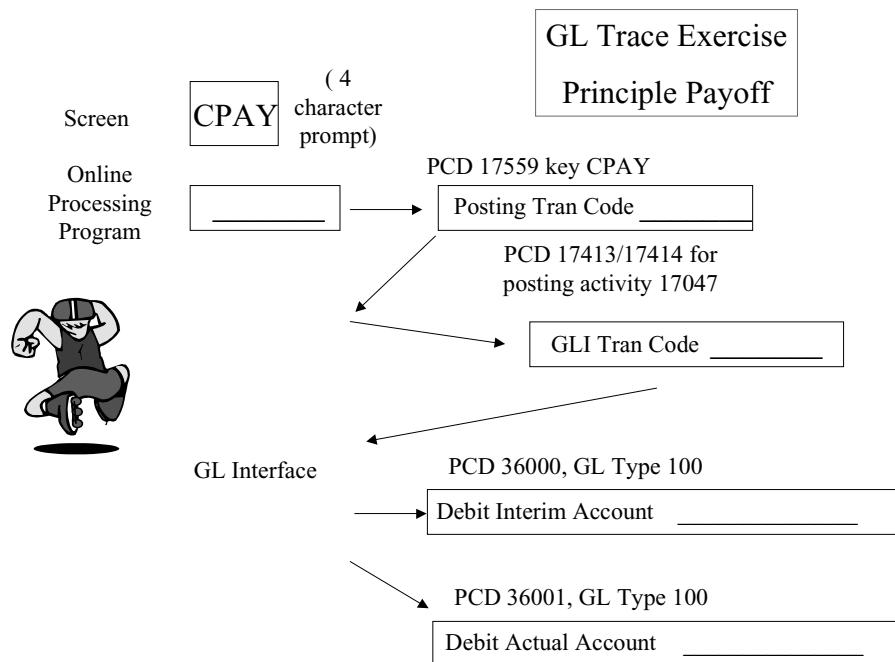
Notice About GLI

- Record Formatting PCD 36003
- Key flexibility on PCD 36000



Exercise

- Screen functions are assigned transaction codes on PCD 17559 which in turn can result in multiple GL transactions, as defined on PCD 17413.
- On the following chart, trace the flow of the debit half of the principle portion of a loan payoff from the CPAY screen to the GL.



Database Purge Facilities

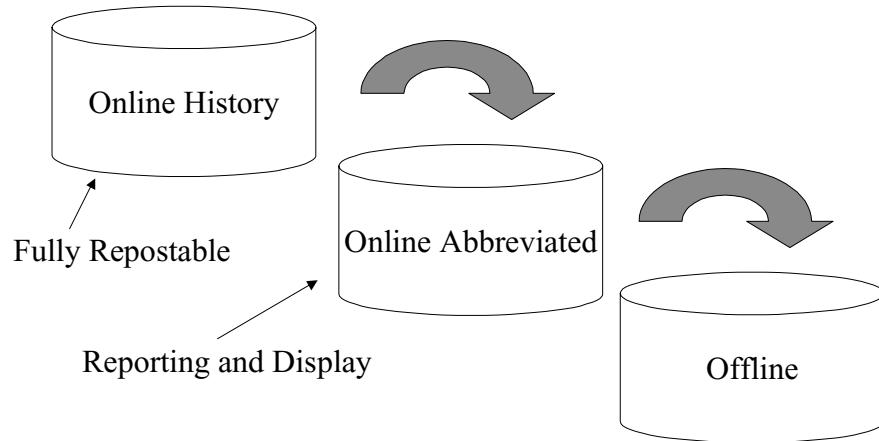


Database Purging Facilities

- Transaction History Purge
 - also affects contents of related master file
- Loans System Purge
 - Can affect servicing, support and history databases



Principle: Rolling Transaction History



L12390 - Online History Purge

A screenshot of a computer application window titled "Browser Diagrammer - Focused on L12390 - ILP Transaction History On Line Purge". The window contains a grid of data. The columns are labeled: CLSATF, CLSDOMH, CLSPART, CLSSERV, CMATTF, LLCAAMS, LLCASS, LLCPMS, LLCPSS, LLCSMS, LLCS55, LLPHMS, LLPHSS, LLPYMS, LLPYSS, LPH, PRTATF, SF21398, SF20398, /40, 17896, and 10391, 10392, 10393, 10394. The rows are labeled: L12390, B10_390, and L29991. The bottom of the window features standard menu options: Close, Print, Change Focus, Done, Help, and Legend.

Objects: (row, column) 6/2/2003 12:09:18 PM

(1,1) ILPTHPO00 Execute Thp
(2,1) 010_390 ILP Transaction History Purge On Line
(3,1) L12390 ILP Transaction History On Line Purge
(3,2) CLSATF Loan Service Data Base
(3,3) CLSCOMM Commitment Data Base
(3,4) CLSPART CLS Loan Participation Service
(3,5) CLSSERV Loan Service Data Base
(3,6) CMTATF CLS Loan Transaction History Data Base
(3,7) LLCAMS CLS Transaction History Data Base
(4,2) LLCASS CLS Transaction History Data Base
(4,3) LLCPMS CLS Loan Participation Service
(4,4) LLCPSS CLS Loan Participation Service
(4,5) LLCSMS Loan Service Data Base
(4,6) LLCSSS Loan Service Data Base
(4,7) LLPHMS Loan History Past Due Data Base
(5,2) LLPHSS Loan History Past Due Data Base
(5,3) LLPYMS Participation Financial History
(5,4) LLPYSS Participation Financial History
(5,5) LPH Loan History Past Due Data Base
(5,6) PRTATF Participation Financial History
(6,2) SF2I398 ILP Transaction History Prg Transaction Input
(6,3) SF2O398 ILP Transaction History Prg Transaction Output
(7,2) PCD: 140 P49140D Check Point Restart Datagroup
(7,3) 17395 Transaction History Prg Cntls PCD Datagroup
(8,1) L29991 Past Due History Access Program
(8,2) 10391 Loan Transaction History Abbreviated
(8,3) 10392 Transaction History Abbreviated
(8,4) 10393 Loans Not Available For Purge
(8,5) 10394 Commitments Not Available For Purge



Notice About L12390

- Abbreviated History is kept on the same ATF databases
- Control based on PCD 17395
- Reports created
- History Available for Purge Indicator (in DG 10502 - for example)
- Backdate date set (in DG 10502 - for example)

L12395 - Offline History Update



Objects: (row, column) 6/2/2003 12:38:18 PM

(1,1) CLPSERV Pokorny
(1,2) ILPTHPO0 Execute Thp
(2,1) 010_315 ILP Offline History Purge
(2,2) 010_395 ILP Transaction History Purge Master
(3,1) L12395 ILP Transaction History Off Line Update
(3,2) CLSATF Loan Service Data Base
(3,3) CMTATF CLS Loan Transaction History Data Base
(3,4) LLCAMS CLS Transaction History Data Base
(3,5) LLCASS CLS Transaction History Data Base
(3,6) LLPYMS Participation Financial History
(3,7) LLPYSS Participation Financial History
(4,2) PRTATF Participation Financial History
(5,2) SF2I395 ILP Transaction History Prg Master Input
(5,3) SF2I396 ILP Transaction History Prg Master Input
(5,4) SF2I398 ILP Transaction History Prg Transaction Input
(5,5) SF2O395 ILP Transaction History Prg Master Output
(5,6) SF2O398 ILP Transaction History Prg Transaction Output
(6,2) 17395 Transaction History Prg Cntls PCD Datagroup
(7,1) 10400 Transaction History Purge



Loans System Purge

- Participations
- Loans
- Commitments
- Collateral
- Borrowers



Principle: Purge Controls

Flag on Record which protects from purge, if set

Retention Period on Record defines the number of months after setup to retain the record

L12330 - Setting Loan Codes From PCD, Including Purge

The screenshot shows a browser window titled "Browser Diagrammer - Focused on L12330 - List Add Code Screen". The main content is a grid of data. The first column contains codes: L12330, 1602, 17409, 17444, 220624, /, 17685, 27500, and 147012. The second column contains codes: 1671, 17481, 17454, 220625, 10000, 2000, 210301, and L50000. The third column contains codes: 1699, 17439, 17457, 220656, 73599, 210301, 210390, and LF0093. The fourth column contains codes: 17355, 17440, 11473, 2609, 7463, 210390, 210331, and LF0685. The fifth column contains codes: 17358, 17441, 220604, 2622, 17008, 21034, 210331, and 8012. The sixth column contains codes: 17365, 17443, 220606, 2623, 17034, 17034, 8012, and null. The seventh column contains codes: null, null, null, null, null, null, null, and null. The bottom of the grid shows row numbers: 1, 2, 3, 4, 5, 6, 7, and 8. A vertical arrow points upwards from the bottom right corner of the grid towards the text "Datagroup shared with PCD 17477".

Datagroup shared with PCD 17477

Buttons at the bottom: Clipboard, Print, Change Focus, Close, Help, Legend.

Objects: (row, column)6/2/2003 1:24:07 PM

- (1,1) L12077 Recast Profile Funding Program
- (1,2) CLSLSET Lset Product Selection Screen
- (1,3) CLSRCST Recast Setup Screen
- (1,4) CLSRNEG Renegotiate Debt Setup Screen
- (2,1) L12330 Lset Add Code Screen
- (2,2) 1602 P Branch PCD
- (2,3) 1671 PCD Officer Data
- (2,4) 1699 Sft Floating Rate
- (2,5) 17355 IRS 1098 Report Control Option
- (2,6) 17358 ILP Delinquent Action Level PCD
- (2,7) 17365 Pcd17365 Extension Control
- (3,2) 17409 Company Call PCD Datagroup
- (3,3) 17431 Loan Type Control PCD
- (3,4) 17439 SIC Code PCD Work Datagroup
- (3,5) PCD: 17440 L17440D Risk Code Description
- (3,6) 17441 LPS Late Charge PCD
- (3,7) 17443 Membership Code PCD
- (4,2) 17444 LPS Accrual Calculation PCD
- (4,3) 17454 Rate Calculation PCD
- (4,4) 17457 PCD 17457
- (4,5) 17473 Lending Policy PCD
- (4,6) 220604 G L Type Code Indicator
- (4,7) 220608 ILP Prepayment Penalty PCD Datagroup
- (5,2) 220624 Membership Charge Waive Code
- (5,3) 220625 PCD 220625 Accelerated Billing Co
- (5,4) 220656 Cure Data PCD
- (5,5) 2509 SIC Occupation Naics Code Description
- (5,6) 2522 Country Code CDMF Datagroup
- (6,2) Datagroup: 1 P49000D User TCB
- (6,3) 10000 LPS Global Screen Datagroup
- (6,4) Datagroup: 13589 I53589D FPS Comm Comunic Datagroup
- (6,5) Datagroup: 1452 I57101D PCD Control Block
- (6,6) 17008 LPS Date Edit Work
- (6,7) 17034 PCD Key Save Work Data Group
- (7,2) 17685 Rate Change Work Data
- (7,3) Datagroup: 2000 T58001D Date Control Block
- (7,4) 210301 Lset Work Data Group
- (7,5) 210330 Lset Code Screens
- (7,6) 210331 Loan Setup Rate Work
- (7,7) 8012 Deposit Enviroment Work
- (8,2) 27500 Borrower Base Datagroup (HDB BORMAST)
- (9,1) I47012 Deposit Get Product Environment
- (9,2) L50008 LPS Simple Date Edit
- (9,3) L50033 Credit Scoring
- (9,4) L50685 Calculation Rate From Tier

L20702 - Loan Purge



Objects: (row, column) 6/2/2003 1:05:02 PM

- (1,1) CLPSERV Pokorny
- (2,1) 010_310 ILP Loan Purge
- (3,1) L20702 CLS Loan Service Purge
- (3,2) BORPTRS Loans Borrower Support System Borrower Pointers Database
- (3,3) CLSPART CLS Loan Participation Service
- (3,4) CLSSERV Loan Service Data Base
- (3,5) COLLDB CLS Collateral Data Base
- (3,6) LHB Loan Historical Billing Data Base Lhb
- (3,7) LLCPMS CLS Loan Participation Service
- (4,2) LLCPSS CLS Loan Participation Service
- (4,3) LLCSMS Loan Service Data Base
- (4,4) LLCSSS Loan Service Data Base
- (4,5) LLHBMS Loan Historical Billing Data Base Lhb
- (4,6) LLHBSS Loan Historical Billing Data Base Lhb
- (4,7) LPSICF Integrated Loans System Control File
- (5,2) NAF ODS Copy
- (5,3) XLSSESRV Construction Loan Service Data Base
- (6,2) 17399 Transaction Code PCD
- (6,3) 220609 ILP Purge Options PCD Datagroup
- (6,4) 2510 P Name Address User Data
- (7,1) F38000 Standard Interface Routing
- (7,2) L20706 Move Transaction History Offline
- (7,3) L29600 Loan Interface To OCS Through SIM Or SDB
- (7,4) L29756 Lvx Database Verify Add Delete Function
- (7,5) L29990 Past Due Service Access Program
- (7,6) 10398 Items Available For Purge
- (7,7) 10399 Purge Items Report



Notice About L20702

- PCD 220609 as purge control
- Purge of transaction history L20706
- Affect on CIS
- Field CL-LDC-PURGE-IND in DG 10502
set from PCD 17477

Data Extract



Data Extract

- DB2 Extract
 - Load delivered DB2 tables
- General Extract
 - ILPSEQR process



DB2 Extracts

- Participation
- Loans
- Commitment
- Collateral
- Borrower
- Dealer

L12185 - Loan DB2 Extract

The screenshot shows a software window titled "L12185 Create DB2 Extract File Loan". The window contains a grid of data with the following columns:

	/	10573	7452	17635	2000	210127
12185	/	10573	7452	17635	2000	210127
29997	/					
10407	10601	10602	10506	10606	10508	
10509	10617	10623	10686	17721	210106	
210106	210107	210110	210116	210117	210118	
210119						
29990	10861					

At the bottom of the window, there are buttons for "Clipboard", "Print", "Change Focus", "Close", "Help", and "Legend".

Objects: (row, column)6/2/2003 3:16:28 PM

(1,1) 010_285 ILP DB2 Extract Loans
(2,1) L12185 Create DB2 Extract File Loan
(2,2) Datagroup: 1 P49000D User TCB
(2,3) 10573 Delinquency Aging Data Group
(2,4) Datagroup: 1452 I57101D PCD Control Block
(2,5) 17633 Delinquent Work Datagroup
(2,6) Datagroup: 2000 T58001D Date Control Block
(2,7) 210127 ILP Program L1218x Work Datagroup
(3,2) 29990 Past Due Service Access Work
(3,3) Datagroup: 9 P49809D User Exception Message
(4,2) 10467 Commit Pointer Datagroup (HDB CLSPART)
(4,3) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)
(4,4) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
(4,5) 10505 Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(4,6) 10506 Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(4,7) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
(5,2) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(5,3) 10517 Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)
(5,4) 10523 Other Billing Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(5,5) 10585 Mortgage Demographic (HDB CLSSERV LLCSMS LLCSSS)
(5,6) 17721 LPS Extension Transaction (SDB SFTI721 SFTI722)
(5,7) 210105 Data Group (SDB L12P05O)
(6,2) 210106 Data Group (SDB L12P06O)
(6,3) 210107 Data Group (SDB L12P07O)
(6,4) 210110 DB2 Extract (SDB L12ILPO)
(6,5) 210116 DB2 Extract (SDB L12IBIO)
(6,6) 210117 Data Group (SDB L12IRFO)
(6,7) 210118 Data Group (SDB L12IOBO)
(7,2) 210119 DB2 Extract (SDB L12IPDO)
(8,1) L29990 Past Due Service Access Program
(8,2) 10851 DB2 Extract Control Report

ILPSEQR - L50709

L50709 - Loan Sequence Report Select Driver							
010_201	010_321	1602	1621	17407	17431	17453	
L50709	7607	1602	1621	17407	17431	17453	
	17470						
	/	17452	17012	17029	17034	17612	
	17671	17699	17700	17702	17735	20007	
	220566	/					
	10425	10467	10501	10502	10505	10506	
	10509	10509	10516	10517	10518	10519	
	10520	10524	10529	10545	10559	10569	
	10534	10585	17600	17602			
	L20566	L27150	L50407	L50565	L50612	L50670	L50710
	L50717	10100	10180				

Objects: (row, column) 6/2/2003 3:09:23 PM

- (1,1) 010_201 LPS Reports Sequential Pass
- (1,2) 010_321 LPS Credit Bureau Sequential
- (2,1) L50709 Loan Sequence Report Select Driver
- (2,2) PCD: 1601 T50901D P Bank Name Address
- (2,3) 1602 P Branch PCD
- (2,4) 1621 Check Digit Calculation
- (2,5) 17407 Product Code PCD
- (2,6) 17431 Loan Type Control PCD
- (2,7) 17453 Loan Company Option PCD
- (3,2) 17476 LPS Batch Loan Processing
- (4,2) Datagroup: 1 P49000D User TCB
- (4,3) Datagroup: 1452 I57101D PCD Control Block
- (4,4) 17012 Environment Driver Wk Datagroup
- (4,5) 17029 Late Charge Calculation Wk Datagroup
- (4,6) 17034 PCD Key Save Work Data Group
- (4,7) 17612 Credit Bureau Work Datagroup
- (5,2) 17671 Accruals Dates Work
- (5,3) 17699 Global Work Datagroup
- (5,4) 17700 LPS Batch Work
- (5,5) 17702 ILP Clsserv Datagroups All INIT Work
- (5,6) 17735 Loan Date INIT
- (5,7) Datagroup: 2000 T58001D Date Control Block
- (6,2) 220566 Loan Fee Table Data Group
- (6,3) Datagroup: 9 P49809D User Exception Message
- (7,2) 10425 Loans Cost Of Fund (HDB CLSSERV LLCSMS LLCSSS)
- (7,3) 10467 Commit Pointer Datagroup (HDB CLSPART)
- (7,4) 10501 Loan Service Key (HDB CLSSERV LLCSMS LLCSSS)

(7,5) 10502 Code And Demographic (HDB CLSSERV LLCSMS LLCSSS)
(7,6) 10505 Delinquency Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(7,7) 10506 Billing Information Data Group (HDB CLSSERV LLCSMS LLCSSS)
(8,2) 10508 Balance Act Information (HDB CLSSERV LLCSMS LLCSSS)
(8,3) 10509 Rate Fee Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(8,4) 10516 Student Loan Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(8,5) 10517 Dealer Reserve (HDB CLSSERV LLCSMS LLCSSS)
(8,6) 10518 Dealer Recourse (HDB CLSSERV LLCSMS LLCSSS)
(8,7) 10519 Clsserv Indirect Liability (HDB CLSSERV LLCSMS LLCSSS)
(9,2) 10520 Consumer Demographic (HDB CLSSERV LLCSMS LLCSSS)
(9,3) 10524 Discount Premium Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(9,4) 10529 Lender Ins Guarantee (HDB CLSSERV LLCSMS LLCSSS)
(9,5) 10545 Charge Off Information Datagroup (HDB CLSSERV LLCSMS LLCSSS)
(9,6) 10559 Capitalization (HDB CLSSERV LLCSMS LLCSSS)
(9,7) 10569 Loan Prepayment Penalty (HDB CLSSERV LLCSMS LLCSSS)
(10,2) 10584 Reserve Deposits (HDB CLSSERV LLCSMS LLCSSS)
(10,3) 10585 Mortgage Demographic (HDB CLSSERV LLCSMS LLCSSS)
(10,4) 17600 Lpsicf Base Datagroup (HDB LPSICF)
(10,5) 17602 LPS ICF Control Datagroup (HDB LPSICF)
(11,1) L20566 Loan Fee Tabling Program
(11,2) L27150 Borrower Interface
(11,3) L50407 Maintenance INIT For Loan
(11,4) L50565 Billing Schedule Build
(11,5) L50612 Credit Bureau Report Activity Driver
(11,6) L50670 Bring Accrual To Date
(11,7) L50710 LPS Set Report Flag
(12,1) L50717 LPS Batch Report Processing
(12,2) 10100 SPS LPS Set Product Company Fo Co Exit
(12,3) 10180 Company Products Processed This Run

Multi-Stream Batch Processing

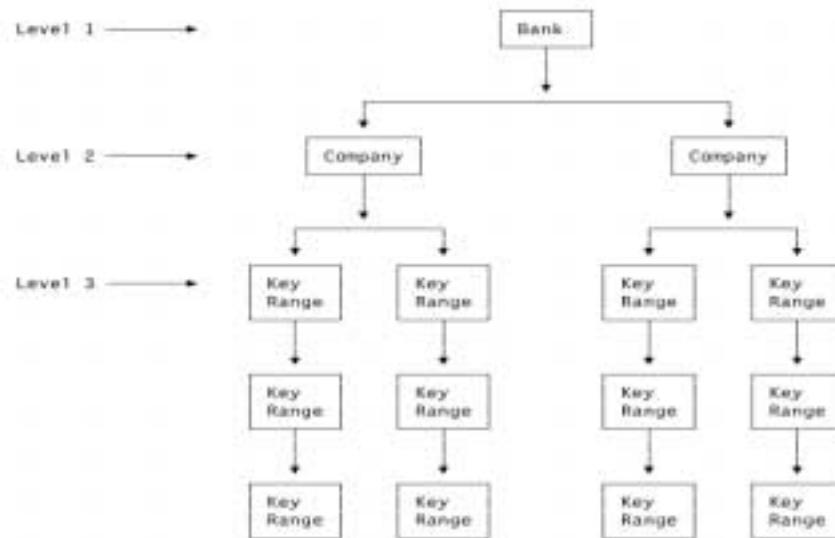
Multi-Stream Objectives



- To define multi-streaming
- To define key ranging
- To identify the Loans System databases that are multi-streamed
- To define the processing requirements for Loans System batch multi-streaming
- To identify the batch processing steps that are affected by multi-streaming



Key Ranged Processing



Key Ranging

- Each Key Range is a unique physical database
- Processed independently in batch execution
- When multi-stream complete and single stream begins, the databases are dependent on each other
- All key-range databases are dependent on each other for online

CLSSERV HDB Definition

```
----- HIERARCHICAL DATABASE DEFINITION -----
COMMAND ==> INQ OWNER ==> ILP CC# ==>

DATABASE ID ==> CLSSERV COMPANY GROUP => ALL
DATABASE TYPE ==> DFLT # OF DATA GROUPS ==> 49

DESCRIPTION ==> LOAN SERVICING DATA BASE : 

PREVENT AUTO CALC? ==> N ENV BUILD CMDS? ==> N
DATABASE MNEMONIC ==> LCS SEQUENTIAL DB? ==> N
LOG DATABASE TYPE ==> N KEY RANGE DATA BASE=> Y
DATA PROPAGATION? ==> PROCESSING GROUPS? => N

MODEL DBID ==> CO/GRP ==>
MODEL REASON ==> (1-AIX 2-DUP 3-DLI OVERLAY)

COPY TO DBID ==> CO/GRP ==>

2NDRY INDEX DBIDS ==>

PF: 5-ADD 6-INQ 7-DETLS 8-DBD 9-NXT 10-GEN 11-ENV ..-XPRM ..-CPY ..-KRD ..-PGD
```

CLSSERV Key Range HDB Definition

```
----- HIERARCHICAL DATA BASE KEY RANGE SPECIFICATION -----
COMMAND ==> INQ CC# ==>

DATABASE ID ==> CLSSERV COMPANY GROUP => ALL PROC GROUP =>
USER ROUTINE ==>

KEY ID DISPLAYED ==> L101
KEY DISPLAY FORMAT ==> HEX # OF KEY RANGES: 4
OFFSET DISPLAYED ==> 1 THRU 30 KEY LENGTH USED: 28

- KEY ID -----+-----10-----+-----20-----+-----30-----
L101 HIGH KEY> C3D3E2* VSAM DDNAME ==> LMST1 IMS BASE DBD / DDNAME =>
V.4 DDNAME ==> IMS INDEX DBD / DDNAME =>
L102 HIGH KEY> C9D3E2* VSAM DDNAME ==> LMST2 IMS BASE DBD / DDNAME =>
V.4 DDNAME ==> IMS INDEX DBD / DDNAME =>
L103 HIGH KEY> D4D3E2* VSAM DDNAME ==> LMST3 IMS BASE DBD / DDNAME =>
V.4 DDNAME ==> IMS INDEX DBD / DDNAME =>
L104 HIGH KEY> * VSAM DDNAME ==> LMST4 IMS BASE DBD / DDNAME =>
V.4 DDNAME ==> IMS INDEX DBD / DDNAME =>
```



Delivered Key Range Databases

- Loan Transaction History Database (CLSATF)
- CDMF Secondary Cross-Reference Database to HDB CLSATF (CLSX)
- Pending Insurance Premium Disbursements (CLSPID)
- Loan Servicing Database (CLSSERV)
- Rate Change Database (LPSRCHG)
- Participations (CLSPART)
- Participation Financial History (PRTATF)

Customization



Why Customization

- Product Differentiation with Competitors
- Immediate Business Need



What Kind of Trouble Can Customization Cause?



Customization Issues:

- Impede taking fixes or new releases
- Impede support from CSC
- Linger beyond their usefulness
- Naming Conflicts
- Knowledge Transfer
- Costly



Principle: Managing Customization

- Executive Direction to Minimize
- Assume will keep current with product
- 80-20 rule
 - Keep 80% of customization fully isolated



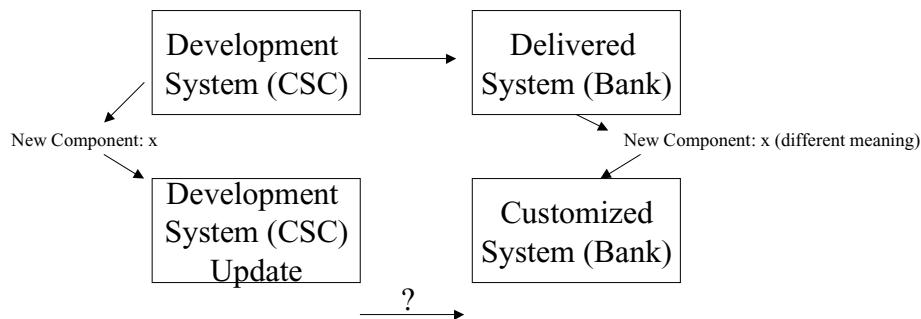
Customization Isolation Techniques

- Naming Conventions
- Exits
- SIM
- Change Control
- Exploit DB2 or other means of extract



Customization Naming Standards

- Prevent Collisions



Customization Standards...

- System Designation letter - X
- System Designation number nn - assigned number for CIS (50-65)
- Program Source - Xnnxxx where x is a digit
- Copybooks - XnnxxxD
- Maps - Xnn1xxD
- Datagroups, Activities, Program Definitions - nnxxxx

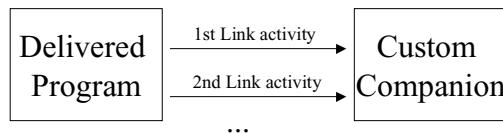


...Customization Standards...

- Reports - XRnnxx
- Condition Codes - 5000 - 6999 or 22000 - 23999



Principle: Exits



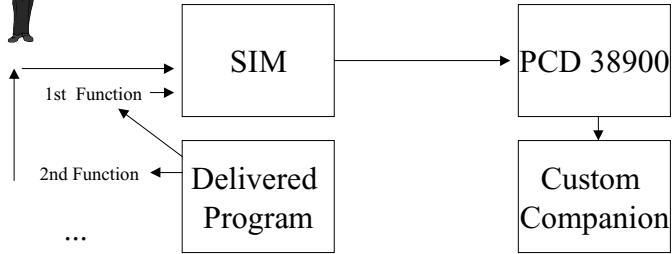
Minimal change to delivered module.

Easy to track customs

Easy to take new versions of delivered programs



Principle: Exits Through SIM



Additional benefits

turning off,
locating customs



Principle: Always Use Change Control

- Tracking all components of change
- Delivery of change
- Identification when within delivered module



Principle: Exploit DB2 or other means of extract

- See if change can be done External to ILP, if data extracted from ILP
- Ex. Additional cross-references
- Ex. Specialized reporting



Expected Customization

- FPS
- New Products
- New Data (User Segment)
- New Reporting



Customization to Avoid

- Database Conversion
- PCD Conversion
- New Secondary Indices



In Conclusion...

Looking back at our objectives for the week...



Objectives ...

- Know and use standards to ease the technical challenge
- Rapidly locate relevant system defining components for any task
- Know and use the architecture to your advantage
- Work with the system data structure



...Objectives

- Create and modify ILP FPS Scenarios
- Explore Fundamental Loan Processes
- Understand ILP Batch Processing
- Follow ILP Generation of General Ledger Activity
- Explore ILP Purge and Extract Facilities



What are Your Final Questions?

