2019 McCracken Customer Conference

What's Coming in Release 20
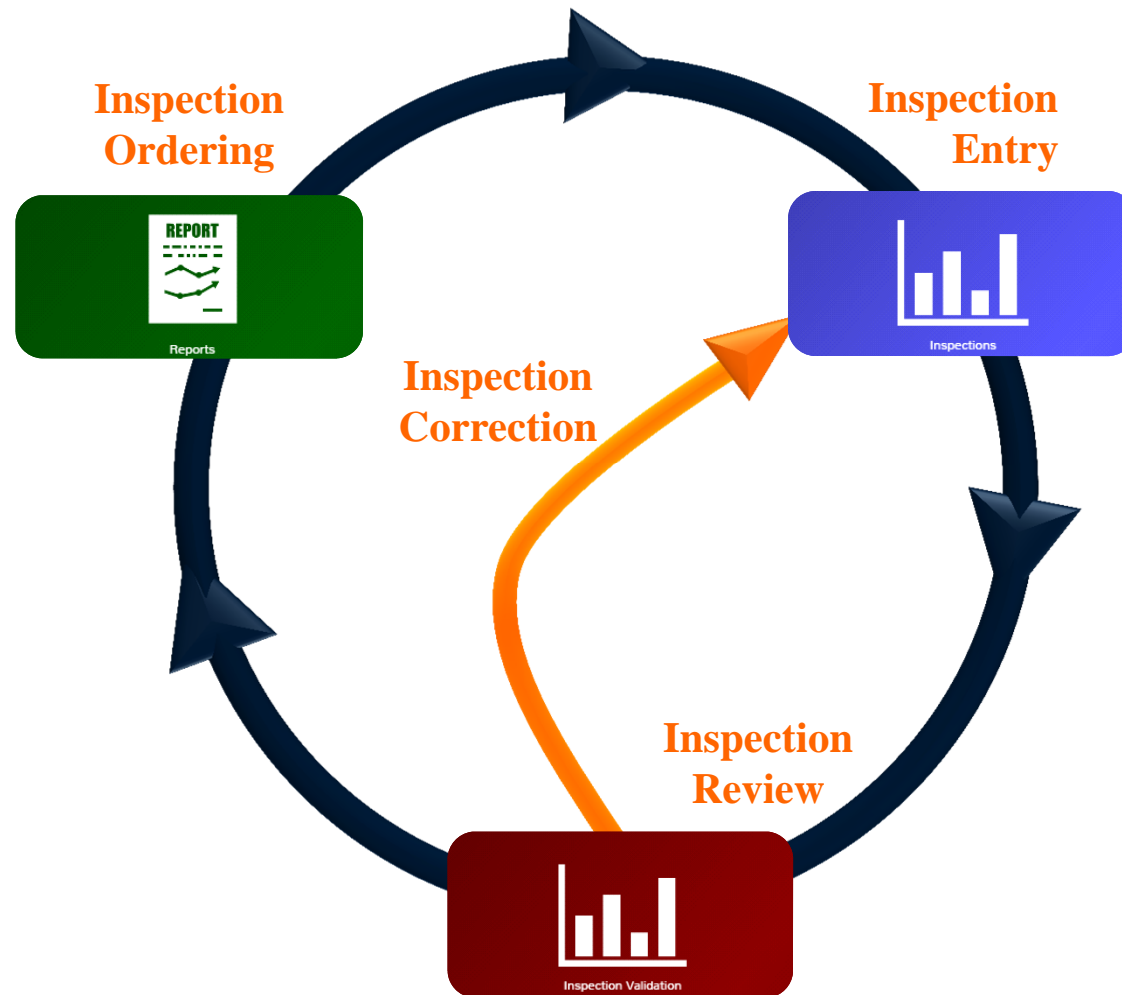
Nick McCracken

Kathleen Mullin

McCRACKEN
FINANCIAL SOLUTIONS CORP.

Inspection Ordering

Inspection Order Form

Start with an Ad Hoc Report

Apply date range to Next Inspection Date for inspection period you are ordering

Create Inspection Process from Report Result Set

- **Select one or more records in the report**
- **Click Create New Process/Task**

- **Select Process**
- **Your Inspection Process**
- **Start Date**
- **Assigned To**
- **Click Apply**

Inspection Ordering Work Queue

inspections Detail

Create New · Start · Complete · Waived · Inactive · Reassign Job Function · Reassign Role · Notes · Email

Status	Notes	Process Name	Task/Process Description	Start	Due	Related To	Assigned To
🏃	P	- ABC Hotel/1542 Spring Drive, LAS VEGAS, NV		09/19/2018	10/01/2018	ⓘ LOAN 109534 MULTIPLE (2)	SFLYNN, Inspector
🏃	P 💬	- MARTINGALE PLACE SW/445 MARTINGALE, GLEN ELLYN, IL		09/19/2018	10/01/2018	ⓘ LOAN 50020002 MULTIPLE (2)	SFLYNN, Inspector
▶ 🏃	P	- MEMORIAL GARDEN/111 LIES ROAD, CAROL STREAM, IL	VALIDATE INSPECTION FORM	09/19/2018	10/01/2018	ⓘ LOAN 50020003 MULTIPLE (2)	SFLYNN, Inspector
▶ 🕐		- MEMORIAL GARDEN/111 LIES ROAD, CAROL STREAM, IL	VALIDATE INSPECTION FORM	09/19/2018		ⓘ LOAN 50020003 MULTIPLE (2)	SFLYNN, MFS MANAGER 2

Inspection Form

Inspection Validation and Review

- Once you enter the next inspection date it will build the record for next year.

Freddie Mac XML –
Property Reporting System

Freddie Mac XML - PRS

- C4 Multifamily
- XML output manually loaded to PRS
- Direct API Integration

Generated from Financial Statement Entry

XML Output

```xml
<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<ns1:PRSCRMPayload xmlns:ns2="http://www.freddiemac.com/mf/B2B/common/1.0.0" xmlns:ns1="http://www.freddiemac.com/mf/B2B/PRS/1.0.0">
    <ns1:SourceTransactionId>CustomerNameTransX</ns1:SourceTransactionId>
    <ns1:FreddieMacBusinessToBusinessTransactionID>?????</ns1:FreddieMacBusinessToBusinessTransactionID>
    <ns1:DataMovementControl>1</ns1:DataMovementControl>
  - <ns1:RequestHeader>
        <ns2:SchemaVersion>1.0</ns2:SchemaVersion>
        <ns2:InterfaceVersion>1</ns2:InterfaceVersion>
        <ns2:SourceSystemName>Customer - Servicer Name</ns2:SourceSystemName>
        <ns2:BusinessEventName>CRM</ns2:BusinessEventName>
        <ns2:MessageName>SendData</ns2:MessageName>
        <ns2:CreatedTimestamp>2019-03-11T15:13:36</ns2:CreatedTimestamp>
        <ns2:UserId>need user id</ns2:UserId>
        <ns2:ExpirationDate>2019-03-11</ns2:ExpirationDate>
        <ns2:SyntheticTransaction>false</ns2:SyntheticTransaction>
    </ns1:RequestHeader>
  - <ns1:RequestDataSet>
      - <ns1:Request>
            <ns1:FreddieMacLoanNumber>82305750</ns1:FreddieMacLoanNumber>
            <ns1:AssessmentDueDate>20180313</ns1:AssessmentDueDate>
            <ns1:SubmissionPeriod>2013AN</ns1:SubmissionPeriod>
            <ns1:TemplateType>MF</ns1:TemplateType>
            <ns1:MFNOIReportingAsOfDate>12/31/2013</ns1:MFNOIReportingAsOfDate>
            <ns1:MFNOIPropertyIdentifier>109-1</ns1:MFNOIPropertyIdentifier>
          - <ns1:ScheduledLoanBalances>
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                    <ns1:MFNOINoteScheduledLoanBalance>7500000.00</ns1:MFNOINoteScheduledLoanBalance>
                    <ns1:MFNOINotePaidThruDate>05/01/2017</ns1:MFNOINotePaidThruDate>
                    <ns1:MFNOIAllocatedLoanAmount>7500000.00</ns1:MFNOIAllocatedLoanAmount>
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                    <ns1:MFNOIAllocatedLoanPercentage>0.00000</ns1:MFNOIAllocatedLoanPercentage>
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              - <ns1:ScheduledLoanBalance ns1:ScheduledLoanBalanceTypeId="3">
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                    <ns1:MFNOIAllocatedLoanAmount>0.00</ns1:MFNOIAllocatedLoanAmount>
                    <ns1:MFNOIAllocatedLoanPercentage>0.00000</ns1:MFNOIAllocatedLoanPercentage>
                </ns1:ScheduledLoanBalance>
            </ns1:ScheduledLoanBalances>
            <ns1:MFNOIPropertyName>Circle Pointe</ns1:MFNOIPropertyName>
            <ns1:MFNOIPropertyType>MF</ns1:MFNOIPropertyType>
            <ns1:MFNOIPropertyAddress>177 Circle Pointe Drive</ns1:MFNOIPropertyAddress>
            <ns1:MFNOICurrentNetRentableSFUnitsBedsRooms>0000000</ns1:MFNOICurrentNetRentableSFUnitsBedsRooms>
            <ns1:MFNOISFUnitsBedsRooms>Sqr Fee</ns1:MFNOISFUnitsBedsRooms>
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```

Bubbles

Bubbles

- Launched from Portfolio Analysis
- Relationship Diagram
  - Loans
  - Properties
  - Borrowers/Sponsors/Guarantors
  - Tenants
  - Other Collaterals
  - Pending Loans

Beginning with Borrower

Details for Selected Name

| Selected name | Opal Management Company |
| Tax ID | **-******* |

Total Items:	20
Loans:	10
MCAs:	1
CFs:	3
Tranches:	6

Export to Spreadsheet · Show Role Filters · Show Sub-role Filters · View Entity Diagram

	Type	Account Number	CF Number	Commitment	Current Principal Balance	Available	Liability %	Liability Amount	Role	Subrole
	Loan	109534		$45,000,000.00	$67,688.48	$44,550,000.00	100.00%	$67,688.48	GUARANTOR	
	Loan	109546		$30,720,000.00	$112,901.81	$30,000,000.00			GUARANTOR	
	Loan	109581		$31,350,000.00	$929,924.16	$30,000,000.00	50.00%	$464,962.08	GUARANTOR	
	Loan	200000004		$40,100,000.00	$40,000,000.00	$100,000.00	100.00%	$40,000,000.00	GUARANTOR	
	Loan	200000010		$50,750,000.00	$50,385,113.17		25.00%	$12,596,278.29	GUARANTOR	
	Loan	202020202		$88,500,000.00	$31,124,876.60	$50,000,000.00			GUARANTOR	
	Loan	210000001		$41,240,300.00	$40,767,300.72	$118,503.78	50.00%	$20,383,650.36	GUARANTOR	LIMITED SERVICER
	Loan	210000002		$52,900,000.00	$51,622,882.14	$899,000.00	100.00%	$51,622,882.14	GUARANTOR	
	Loan	210000003		$41,500,000.00	$40,500,000.00	$1,000,000.00	100.00%	$40,500,000.00	GUARANTOR	
	Loan	210000004		$42,000,000.00	$41,557,212.30		100.00%	$41,557,212.30	GUARANTOR	
	MCA	5678		$120,000,000.00	$103,149,286.14	$7,806,500.00			BORROWER	
	CF	5678	1	$120,000,000.00	$103,149,286.14	$7,806,500.00			N/A	
	Tranche	200000001	1	$120,000,000.00	$36,788,411.15	$1,086,500.00			BORROWER	
	Tranche	200000001	1	$120,000,000.00	$36,788,411.15	$1,086,500.00			TITLEHOLDER	
	Tranche	200000002	1	$120,000,000.00	$32,467,106.55				BORROWER	
	CF	12345	1	$111,150,000.00	$101,150,000.00	$10,000,000.00			N/A	
	Tranche	490837071	1	$111,150,000.00	$51,050,000.00	$10,000,000.00			GUARANTOR	
	CF	77001	1	$70,000,000.00	$54,669,416.26	$9,600,000.00			N/A	
	Tranche	200000011	1	$70,000,000.00	$27,428,571.47		50.00%	$13,714,285.73	GUARANTOR	
	Tranche	200000012	1	$70,000,000.00	$27,042,246.73				GUARANTOR	

Borrower View

Loan View

Investor View

Loan Sets

Creating Loan Sets

- The Assignment Loan Sets are setup using

- Job Function widget> Manage Jobs>Manage Loan Sets:

Creating Loan Sets

Creating Loan Sets Using Entity Type

■ Filter Portfolio?

■ Use the drop down to select the "Entity Type"

Creating Loan Sets – Assigning to Job Function

■ This is how you link the applicable Servicer Code to the Job Function. In this example, Budget Analyst 1 would be assigned the work for loans tied to Servicer Code = "SG".

PDF Reader for Insurance

PDF Reader for Insurance

Using MaTI to Import

PDF to Insurance

- Maps all "static" values

- Remembers PDF

- Opens Policy system for "written" coverage/notes

FEMA Widget

FEMA Widget

- Feed from FEMA website

- Matches on County

- Identifies the properties in your database potentially impacted.

- When the user clicks on the widget it pulls the data from the FEMA website real time

FEMA Disaster Report

Incident Type	Title	Declare Date	State	County	Incident Begin	Incident End	Hazmat Mitigation	Individual Assistance	Indiv/Household Assistance	Public Assistance	Properties Affected	Loan Exposure
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	TODD	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	HAMLIN	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	BRULE	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	SANBORN	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	ZIEBACH	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	GREGORY	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	BUTTE	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	JACKSON	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	CUSTER	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	PENNINGTON	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	CAMPBELL	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	CHEYENNE RIVER INDIAN RESERVATION	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	DEUEL	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	BENNETT	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	WALWORTH	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	FALL RIVER	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	ROSEBUD INDIAN RESERVATION	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	MEADE	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	HAAKON	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	JONES	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	HANSON	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	AURORA	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	TURNER	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	TRIPP	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	LYMAN	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	MELLETTE	2019-05-26	2019-06-07	Yes	No	No	Yes		

Search

FEMA Disaster Report

Incident Type	Title	Declare Date	State	County	Incident Begin	Incident End	Hazmat Mitigation	Individual Assistance	Indiv/Household Assistance	Public Assistance	Properties Affected	Loan Exposure ▲
Hurricane	HURRICANE DORIAN	2019-08-30	FL	OSCEOLA	2019-08-28	2019-09-09	No	No	No	Yes	1	500,887.39
Hurricane	HURRICANE DORIAN	2019-09-03	NC	SCOTLAND	2019-09-01	2019-09-09	No	No	No	Yes	1	3,418,113.88
Severe Storm(s)	SEVERE STORM AND FLOODING	2019-08-15	NH	GRAFTON	2019-07-11	2019-07-12	Yes	No	No	Yes	1	6,497,829.25
Hurricane	HURRICANE BARRY	2019-08-27	LA	ASCENSION	2019-07-10	2019-07-15	Yes	No	No	Yes	1	7,102,393.00
Coastal Storm	TROPICAL STORM BARRY	2019-07-11	LA	ASCENSION	2019-07-10	2019-07-15	No	No	No	Yes	1	7,102,393.00
Severe Storm(s)	SEVERE STORMS, TORNADOES, AND FLOODING	2019-07-09	MO	ST. CHARLES	2019-04-29	2019-07-05	Yes	No	Yes	No	2	136,034,600.55
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	TODD	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	HAMLIN	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	BRULE	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	SANBORN	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	ZIEBACH	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	GREGORY	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	BUTTE	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	JACKSON	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	CUSTER	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	PENNINGTON	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	CAMPBELL	2019-05-26	2019-06-07	Yes	No	No	Yes		
Flood	SEVERE STORMS AND FLOODING	2019-09-23	SD	CHEYENNE RIVER INDIAN RESERVATION	2019-05-26	2019-06-07	Yes	No	No	Yes		

SEVERE STORMS, TORN...

Loan Number	UPB	Property Address	Property Name	Management Company	Contact	Phone Number	Fax Number	Insurance Type(s)	Insurance Expiration(s)
150151502	130,319,252.63	3788 Deer Park Drive, St Charles MO 63301	Deer Park Industrial	MFS Management Co	Fred Stone	9784399000	0		
109966	5,715,347.92	3788 Deer Park Drive, St Charles MO 63301	Deer Park Industrial	MFS Management Co	Fred Stone	9784399000	0	TERRORISM	2004-05-01
								GENERAL LIABILITY	2004-05-01
								FIRE INSURANCE	2004-07-01
								LOSS OF RENTS COVERAGE	2004-07-01
								TERRORISM	2004-07-01

Security Widget

Security Widget

- Similar to what is currently in CS

Security Maintenance

Groups and Users

- Administrators
- Asset Management - AM WFMC/GSE
- Asset Management - Managers WFMC/GSE
- BDG_DEFEASANCE_TEAM
- BSI/Security
- BUSINESS DEVELOPMENT
- BUSINESS SYSTEMS INITIATIVES/PRODUCT MANAGERS
- CASH MANAGEMENT
- Cash Management - Managers
- CASH PROCESSING - WHOLESALE OPS
- Cash Processing Wholesale- Management
- CIB QA Access-READ
- CIB_ACCESS_CONTROLS
- COLLECTIONS /PROBLEM LOAN
- COMPLIANCE / 3RD PARTY OVERSIGHT
- Construction
- CUSTOMER SERVICE
- Customer Service - Managers

Tasks

User Information

Login ID:

Name: [   ]

Active: [-- ▼]

Task Information

Task Name:

Task Rights:
	System Defaults
☐ Read	☐
☐ Write	☐
☐ Delete	☐
☐ Print	☐
☐ Execute	☐

[Save Task]

Security Maintenance

Groups and Users

- ∨ 👥 Administrators
  - 👤 Kathleen Mullin
  - 👤 Kathleen Mullin
- › 👥 Asset Management - AM WFMC/GSE
- › 👥 Asset Management - Managers WFMC/GSE
- › 👥 BDG_DEFEASANCE_TEAM
- › 👥 BSI/Security
- › 👥 BUSINESS DEVELOPMENT
- › 👥 BUSINESS SYSTEMS INITIATIVES/PRODUCT MANAGERS
- › 👥 CASH MANAGEMENT
- › 👥 Cash Management - Managers
- › 👥 CASH PROCESSING - WHOLESALE OPS
- › 👥 Cash Processing Wholesale- Management
- › 👥 CIB QA Access-READ
- › 👥 CIB_ACCESS_CONTROLS
- › 👥 COLLECTIONS /PROBLEM LOAN
- › 👥 COMPLIANCE / 3RD PARTY OVERSIGHT
- › 👥 Construction

Tasks

- › Accounting Module
- › Adjustable Loan Module
- › Asset Management
- › Billing Module
- › Budget Application [W]
- › Custom Code
- › Escrow Processing Module
- › Insurance Compliance Web Module [W]
- › Investor Processing Module
- › Loan Administration
- › Loan Entry Module
- › Mapping Tool [W]
- › Other Collateral Module
- › Periodic Processing
- › Process Management Application [W]
- › Process Workflow [W]
- › Relationship Tracking
- › System Wide

User Information

Login ID: KATH15A

Name: Kathleen Mullin

Active: YES (Y)

Task Information

Task Name:

Task Rights: System Defaults

- ☐ Read   ▢
- ☐ Write   ▢
- ☐ Delete   ▢
- ☐ Print   ▢
- ☐ Execute   ▢

Save Task

Security Maintenance

Groups and Users

- ⌄ Administrators
  - Kathleen Mullin
  - **Kathleen Mullin**
- › Asset Management - AM WFMC/GSE
- › Asset Management - Managers WFMC/GSE
- › BDG_DEFEASANCE_TEAM
- › BSI/Security
- › BUSINESS DEVELOPMENT
- › BUSINESS SYSTEMS INITIATIVES/PRODUCT MANAGERS
- › CASH MANAGEMENT
- › Cash Management - Managers
- › CASH PROCESSING - WHOLESALE OPS
- › Cash Processing Wholesale- Management
- › CIB QA Access-READ
- › CIB_ACCESS_CONTROLS
- › COLLECTIONS /PROBLEM LOAN
- › COMPLIANCE / 3RD PARTY OVERSIGHT
- › Construction

Tasks

- ⌄ Web Portal [W]
  - › Bank Reconiliation [W]
  - › Bonds Application [W]
  - › Document Checklist [W]
  - › Document Checklist Template Mode [W]
  - › Fees Web Module [W]
  - › File Uploader [W]
  - › Ginnie Mae [W]
  - › IRP Loan Reporting Widget [W]
  - › IRP Reporting Widget [W]
  - › Job Function [W]
  - › Loan Information Widget [W]
  - › Loan Modification Widget [W]
  - **Master2 Maintenance [W]**
  - › Org Chart [W]
  - › Org Chart All Managers [W]
  - › Report Widget [W]
  - › Reporting Translation Table Widget [W]

User Information

Login ID: KATH15A

Name: Kathleen Mullin

Active: YES (Y) ▼

Task Information

Task Name: Master2 Maintenance [W]

Task Rights: System Defaults

- [ ] Read   [ ]
- [ ] Write   [ ]
- [ ] Delete   [ ]
- [ ] Print   [ ]
- [✓] Execute   [✓]

Save Task

New Widgets

Asset Management Items – turned into Widgets

- Asset Management Module
  - Environmental
  - Liens
- Other Collateral Module
  - Uniform Commercial Code - UCC
  - Collateral
  - Letter of Credit

Environmental in CS

Environmental Listing in the Portal

Search » Environmental Records List

Environmental

Cancel New

Report Date ▲	Next Report Date	Env. Report Type	Property Hazard
02/04/2010	09/03/2010	PCNA (04)	
02/05/2019	09/03/2019	PHASE IION PAID BY (01)	

Welcome, DKRUM
Environmental

Listing

Hazard Risk	Cost To Cure	Env. Firm	Env. Insp. Cost	O&M Plan	Notice Type
5,410			400.00	NO (N)	
1,568			800.00	NO (N)	

Environmental in the Portal

Environmental Edit

Ok Apply Cancel Delete

Environmental Detail

Report Date	
Next Report Date	
Env. Report Type	▼
Property Hazard	▼
Hazard Risk	▼

Cost To Cure	
Env. Firm	▼
Env. Insp. Cost	
O&M Plan	▼
Notice Type	

Most Recent Note

Liens in CS

Lien Holder	Outside Servicer	Lien Type	Lien Balance	Scheduled Loan Balance	Debt Service	Paid Through Date	Note Date	

Collateral: Tanager Glade

Lien Holder: [▼]   **Debt Service:** [.00]

Outside Servicer: [▼]   **Paid Through Date:** [00/00/0000]

Lien Type: [▼]   **Note Date:** [00/00/0000]

Original Balance: [.00]   **Maturity Date:** [00/00/0000]

Lien Balance: [.00]   Satisfied: [NO (N)   ▼]

Scheduled Loan Balance: [.00]   Undisclosed Debt at Securitization: [▼]

Defaulted Lien: [▼]

Liens in the Portal

Liens Edit

| Ok | Apply | Cancel | Delete |

Liens Detail

Lien Holder	▼	Debt Service
Outside Servicer	▼	Paid Through Date
Lien Type	▼	Note Date
Original Balance		Maturity Date
Lien Balance		Satisfied ▼
Scheduled Loan Balance		Undisclosed Debt at Securitization ▼
		Defaulted Lien ▼

Most Recent Note

UCC in CS

UCC		Collateral			Credit			

Current Filing Date	Current Registration #	Original Registration #	Refiling Date	Review Date	Filing Type	Refiling Frequency	Original Filing Date	Cont Form Prep Date	Filed Against
00/00/0000			00/00/0000	00/00/0000			00/00/0000	00/00/0000	

Filing Location

State: [▼]   County: [▼]   City: [ ]

Filing Information

Filing Type: [▼]   Current Reg #: [ ]   Review Date: [00/00/0000]

Filed Against: [ ]   Current Filing Date: [00/00/0000]   Cont Prep Date: [00/00/0000]

Debtor Name: [ ]   Assoc Property: [▼] [...] ✎ Refiling Date: [00/00/0000]

Orig Reg #: [ ]   Lien Position: [▼]   Notice Type: [ ]

Orig Filing Date: [00/00/0000]   Refiling Frequency: [▼]

Document: [ ]

Location: [ ]

UCC in the Portal

UCC Edit

Ok | Apply | Cancel | Delete

Filing Location

State [▼]   County [▼]   City [   ]

Filing Information

Filing Type [▼]	Current Registration # [ ]	Review date [ ]
Filed Against [ ]	Current Filing Date [ ]	Cont Form Prep Date [ ]
Debtor Name [ ]	Associated Property [🔍]	Refiling Date [ ]
Original Registration # [ ]	Lien Position [▼]	Notice Type [ ]
Original Filing Date [ ]	Refiling Frequency [▼]	

Most Recent Note [↻]

Collateral in CS

Collateral in the Portal

Welcome, DRAYMOND
Other Collateral

Collateral Edit

| Ok | Apply | Cancel | Delete |

Collateral Description

| Collateral Type | | Insured | | Collateral On File | |
| Lien Position | | CUSIP# | | Lendable % | |

Collateral Value

| # of Shares | | # of Units | 0 | Value | |
| Price | | Unit Value | 0.00 | Lendable Value | |

Other Information

| Next Review Date | | Expiration Date | | Last Priced/Appraised | |
| Review Frequency | | Release Date | | Notice Type | |

Collateral Description

Release Conditions

Most Recent Note

Credit in CS

Credit in the Portal

Welcome, DRAYMOND
Letter of Credit

Credit Edit

[Ok] [Apply] [Cancel] [Delete]

Credit Detail

Credit Instrument Type	▼	Active	▼
Letter of Credit #		Expiration Date	
Issuing Bank	▼	Reviewer	
Original Amount		Review Date	
Remaining Amount		Presentation Date	
Confirmed LOC #		Guarantee Terms	
		Notice Type	

Most Recent Note

WHFIT - GINNIEMAE
Widely Held Fixed Investment Trust

The term Widely Held Fixed Investment Trust refers to an agreement involving the purchase of a portfolio of assets while issuing unit shares to investors. Widely held fixed investment trusts fall into two categories: widely held mortgage trusts and non-mortgage widely held fixed investment trusts.

WHFITs are classified as pass-through investments for income tax purposes.

WHFIT

- WHFIT Options
  - Verification
  - Market Discount Fraction (MDF) Calculation Date
  - Report

WHFIT - Verification

- The MDF Calculation Date Verification option generates two reports:
  - The Exception Report lists all of the pools where the Strategy Prepayment record is missing; the MDF value for these pools will be reported as 0.00 in the WHFIT file.
  - The other report is a listing containing the pools where there is a valid date entered for the MDF calculation.
  - These reports include: Investor, Pool#, Loan#, Date being used in the calculation, and the Date Source.

WHFIT – Verification continued

- The MDF Amount Verification option also generates two reports:
  - The Exception Report lists all of the pools where the MDF value is equal to "1".
  - The other report is a listing containing the pools where the MDF value is < than 1.
  - These reports include: Investor, Pool#, Reporting Period specified, and the MDF amount.

WHFIT – Verification Reports

WHFIT - MDF Calculation Date

- Strategy defaults to use the Prepayment Date for the MDF Calculation for all pools.

- If you want to use the Maturity Date of the loan or key in a specified date instead of using the Prepayment Date in Strategy for the MDF calculation, you can change the date and/or date source on this screen and then recalculate the MDF value using the updated date for a specified Reporting Date.

- Date options available
  - (P) Prepayment Date
  - (M) Maturity Date
  - ( ) User Defined Date

WHFIT - MDF Calculation Date

Agency Reporting GNMA

GNMA Modules

11710 Reporting
WHFIT

WHFIT

| MDF Calculation Date | Verification | WHFIT Report |

MDF Calculation Date

○ All Pools
● Specific Investor/Pool

Investor | 40001 (Ginnie Mae GSC) ▼
Pool | 728054LS | ...

Strategy Date to Use for Market Discount Fraction | ( ) User Defined Date ▼
Date to Use for Market Discount Fraction | 09/03/2019
Rerun the MDF Calculation for Reporting Date (MM/CCYY) | 0 / 0

Apply

| | RWD | WHFIT19D | 19D | SD: 10/25/2018 | 09/13/2019 | |

WHFIT - Report

- This is where you can create the WHFIT reporting file for a single month or multiple months for those who report quarterly instead of monthly. The report can be generated to include ALL pools or just the updated pools.

- You can also generate the Excluded Pools Report which is a listing of the pools where the MDF value has been reported as "1" and the flag to exclude the pool from future reporting files has been set to "Y". If necessary, this flag can be manually flipped back to continue to include the pool in future reporting files.

WHFIT – Report

Mapping Tools

New File for Wires

- The Bank Balance file – PBANKBAL
    - Information can be retrieved from various banks and loaded into the mapping tool to update information in this new file PBANKBAL.
    - This information will used to determine if there is sufficient money to process the wire.

Bank Balance file

Wire Approval Queue ...

Wire Status	Notes	Process Name	Active Task(s)	Start Date	Due Date	Assigned To	Wire Date
▶ PENDING	Ⓟ	Outgoing Wire	PREPARE OUTGOING WIRE	03/26/2019		Donathan Raymond, QA 002	03/26/2019
▶ PENDING	Ⓟ	Outgoing Wire	PREPARE OUTGOING WIRE	07/16/2019		Donathan Raymond, QA 002	07/16/2019

Search _____ ⊖

Senders Account	Amount to Wire	Beneficiary Bank Name	ABA/SWIFT/ CLABE/IBAN	Beneficiary Account Number	Currency Code	Transaction Description	Bank Available Balance
213980	540.00	Test Intl Bank	IBAN: 551-00-55100-111		USD		0.00
214803	716.01	Test 2 US KP	ABA: 4807	216449	USD		0.00

New Mapping Tool

- PBANKBAL – Bank Balances

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FILE LENGTH	# OF ZEROS	KEY	FILE NAME
PBANKBAL	1	BBBNKDAT	BANK BALANCE DATE	DATE	10	0	Y	PBANKBAL
PBANKBAL	2	BBBANKID	BANK NUMBER	CHARM	3	0	Y	PBANKBAL
PBANKBAL	3	BBDDA	DDA ACCOUNT NUMBER	CHARM	15	0	N	PBANKBAL
PBANKBAL	4	BBINTACT	INTL ACCOUNT NUMBER	CHARM	34	0	N	PBANKBAL
PBANKBAL	5	BBBNKBAL	BANK BALANCE	PACKED	17	2	N	PBANKBAL

New File for HUD Information

- Multifamily Assistance and Section 8 – access database
  - Two tables of information
    - MF_Assistance_&_Sec8_Contracts
    - MF_Properties_with_Assistance_&_Sec8_Contracts
- This information can be downloaded and transferred into the mapping tool template PHUDSEC8

New HUD Information

- When using the Collateral Widget and viewing the Collateral Details, a new option will display - HUD Property Information

The HUD Property Information

New Mapping Tool

- PHUDSEC8 – HUD Section 8

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PHUDSEC8	1	H8PID	HUD PROPERTY ID	PACKED	15	0	Y	PHUDSEC8
PHUDSEC8	2	H8CONTNUM	HAP CONTRACT NUMBER	CHARM	11	0	N	PHUDSEC8
PHUDSEC8	3	H8EFFD	EFFECTIVE DATE	DATE	10	0	N	PHUDSEC8
PHUDSEC8	4	H8CUREXPD	CURRENT EXPIRATION DATE	DATE	10	0	N	PHUDSEC8
PHUDSEC8	5	H8OVRALLD	OVERALL EXPIRATION DATE	DATE	10	0	N	PHUDSEC8
PHUDSEC8	6	H8DBD	HUD DB DATE	DATE	10	0	N	PHUDSEC8
PHUDSEC8	7	H8STATUS	HUD STATUS	CHARM	20	0	N	PHUDSEC8
PHUDSEC8	8	H8PGMTYP	PROGRAM TYPE	CHARM	20	0	N	PHUDSEC8
PHUDSEC8	9	H8CONTTRM	CONTRACT TERM	PACKED	5	0	N	PHUDSEC8
PHUDSEC8	10	H8SEC8UNT	SECTION 8 UNITS	PACKED	15	0	N	PHUDSEC8
PHUDSEC8	11	H8CONTDOC	CONTRACT DOC TYPE	CHARM	5	0	N	PHUDSEC8
PHUDSEC8	12	H80BRCT	O BR COUNT	PACKED	15	0	N	PHUDSEC8

New Mapping Tools

- PHUDSEC8 – HUD Section 8 – contintued

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PHUDSEC8	13	H81BRCT	1 BR COUNT	PACKED	15	0	N	PHUDSEC8
PHUDSEC8	14	H82BRCT	2 BR COUNT	PACKED	15	0	N	PHUDSEC8
PHUDSEC8	15	H83BRCT	3 BR COUNT	PACKED	15	0	N	PHUDSEC8
PHUDSEC8	16	H84BRCT	4 BR COUNT	PACKED	15	0	N	PHUDSEC8
PHUDSEC8	17	H85BRCT	5+ BR COUNT	PACKED	15	0	N	PHUDSEC8
PHUDSEC8	18	H8FMRDSC	RENT TO FMR DESC	CHARM	255	0	N	PHUDSEC8
PHUDSEC8	19	H8FMRRAT	RENT TO FMR RATI0	PACKED	12	12	N	PHUDSEC8
PHUDSEC8	20	H80BRFMR	O BR FMR	PACKED	2	2	N	PHUDSEC8
PHUDSEC8	21	H81BRFMR	1 BR FMR	PACKED	2	2	N	PHUDSEC8
PHUDSEC8	22	H82BRFMR	2 BR FMR	PACKED	2	2	N	PHUDSEC8
PHUDSEC8	23	H83BRFMR	3 BR FMR	PACKED	2	2	N	PHUDSEC8
PHUDSEC8	24	H84BRFMR	4 BR FMR	PACKED	2	2	N	PHUDSEC8

Updated Mapping Tools

- **NRBL – Reserve Balances and Information**

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
NRBL	11	RBIN	INVESTOR POOL NUMBER	PACKED	5	0	N	NRBL
NRBL	12	RBIDSC	INVESTMENT DESCRIPTION	CHARM	30	0	N	NRBL
NRBL	13	RBBLCNTRB	BALANCEATCONTRIBUTION	PACKED	17	2	N	NRBL
NRBL	14	RBCOMMT	COMMENT	CHARM	200	0	N	NRBL

- **PRBL– Reserve Balances and Information**

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PRBL	11	RBIN	INVESTOR POOL NUMBER	PACKED	5	0	N	PRBL
PRBL	12	RBIDSC	INVESTMENT DESCRIPTION	CHARM	30	0	N	PRBL
PRBL	13	RBBLCNTRB	BALANCEATCONTRIBUTION	PACKED	17	2	N	PRBL
PRBL	14	RBCOMMT	COMMENT	CHARM	200	0	N	PRBL

Updated Mapping Tools

- PBUDGETLI – Budget and Line Items

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PBUDGETLI	3	BULORCF	LOAN, MCA OR CREDIT FACILITY	CHAR	1	0	N	PBUDGET
PBUDGETLI	4	BULOAN	LOAN NUMBER	PACKED	9	0	N	PBUDGET
PBUDGETLI	5	BUMCAID	MASTER CREDIT AGREEMENT ID	PACKED	9	0	N	PBUDGET
PBUDGETLI	6	BUCFID	CREDIT FACILITY ID	PACKED	3	0	N	PBUDGET
PBUDGETLI	7	BUCONSSD	CONSTRUCTION START DATE	DATE	10	0	N	PBUDGET
PBUDGETLI	8	BUCONSCD	CONSTRUCTION COMPLETION DATE	DATE	10	0	N	PBUDGET
PBUDGETLI	9	BUCONSACD	ACTUAL CONSTRUCTION COMPLETION	DATE	10	0	N	PBUDGET
PBUDGETLI	10	BUNBRDTR	# OF DAYS TO REVIEW	PACKED	3	0	N	PBUDGET
PBUDGETLI	11	BUUNDRPC	UNDERWRITTEN PROJECT COST	PACKED	19	2	N	PBUDGET
PBUDGETLI	12	BUCURR	CURRENCY TYPE	CHAR	3	0	N	PBUDGET
PBUDGETLI	13	BUDRWOB	DRAW ALLOWED OVER BUD	CHAR	1	0	N	PBUDGET
PBUDGETLI	14	BURMALCN	REMAINING ALLOCATION	CHAR	1	0	N	PBUDGET
PBUDGETLI	15	BUBUTYPE	BUDGET TYPE	CHARM	1	0	N	PBUDGET

Updated Mapping Tools

- PBUDGETLI - continued

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PBUDGETLI	16	BUCAT	BUDGET CATEGORY	CHAR	4	0	N	PBUDGET
PBUDGETLI	17	BUPLSQ	PROPERTY SEQ#	PACKED	3	0	N	PBUDGET
PBUDGETLI	18	BLSEQ	LINE ITEM SEQUENCE #	PACKED	9	0	N	BLINEITEM
PBUDGETLI	19	BLCAT	CATEGORY	CHAR	4	0	N	BLINEITEM
PBUDGETLI	20	BLTYPE	LINE ITEM TYPE	CHAR	4	0	N	PBLINEITEM
PBUDGETLI	21	BLLIDESC	LINE ITEM DESCRIPTION	CHARM	100	0	N	PBLINEITEM
PBUDGETLI	22	BLINTIND	INTEREST INDICATOR	CHAR	1	0	N	PBLINEITEM
PBUDGETLI	23	BLCCPIND	CONSTUCTION COMPL % INDICATOR	CHAR	1	0	N	PBLINEITEM
PBUDGETLI	24	BLRRLI	RETAINAGE RELEASE INDICATOR	CHAR	1	0	N	PBLINEITEM
PBUDGETLI	25	BLCURLIA	CURRENT ALLOCATION	PACKED	19	2	N	PBLINEITEM
PBUDGETLI	26	BLHLDBCK	HOLDBACK TERMS	CHARM	100	0	N	PBLINEITEM
PBUDGETLI	27	BLESTCMPD	ESTIMATED COMPLETION DATE	DATE	10	0	N	PBLINEITEM

Updated Mapping Tools

- PCCOLLCRE – Collateral file

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PCCOLLCRE	101	LATITUDE	GEO-CODES: LATITUDE OF PROPERTY	PACKED	10	6	N	PCCOLLCRE
PCCOLLCRE	102	LONGITUDE	GEO-CODES: LONGITUDE OF PROPERTY	PACKED	11	6	N	PCCOLLCRE

- PIRPXRLOAN – IRP Reporting Loan Numbers

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PIRPXRLOAN	14	RNORIGINV	ORIGINATING INVESTOR NUMBER	PACKED	5	0	N	PIRPXRLOAN
PIRPXRLOAN	15	RNTRUSTEE	TRUSTEE LOAN NUMBER	CHARM	9	0	N	PIRPXRLOAN

Updated Mapping Tools

- ## PMAST2 – Additional Master Information

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PMAST2	32	O5INSANYT	INSURANCE ANALYST	CHARM	3	0	N	PMAST2

- ## PPSADIV – Deal/Investor Information

FILE ID	REC SEQ	FIELD NAME	ALIAS	FIELD TYPE	FIELD LENGTH	# OF ZEROS	KEY	FILE NAME
PPSADIV	147	KICURNRINT	CURRENT NON-RECOVERABLE INT	PACKED	17	2	N	PPSADIV
PPSADIV	148	KICUMNRINT	CUMULATIVE NON-RECOV INT	PACKED	17	2	N	PPSADIV
PPSADIV	149	KISECDT	DATE: SECURITIZATION	DATE	10	0	N	PPSADIV
PPSADIV	150	KIRECDT	DATE: RECALCULATION	DATE	10	0	N	PPSADIV
PPSADIV	151	KIPRECDT	DATE: PRIOR RECALC	DATE	10	0	N	PPSADIV
PPSADIV	152	KIPDTDET	DATE: PRIOR DETER	DATE	10	0	N	PPSADIV
PPSADIV	153	KIUSRDT1	DATE: USER DATE #1	DATE	10	0	N	PPSADIV
PPSADIV	154	KIUSRDT2	DATE: USER DATE #2	DATE	10	0	N	PPSADIV
PPSADIV	155	KIREMFLTP	REMITTANCE FILE TYPE	CHAR	2	0	N	PPSADIV
PPSADIV	156	KISRVROLL	SERVICING ROLE	CHAR	1	0	N	PPSADIV

Field Expansions

Expansions

- Fields that expanded
  - G/L Company Number (PINFO Table ID - V4) changed from 2,0 to 10,0
  - Cost Center (PINFO Table ID - 72) changed from 4 positions to 10 positions
  - Officer Code (PINFO Table ID – 21) changed from 2 positions to 5 positions

General Ledger Companies

- Prior to Release 20
  - The G/L Company # field is a numeric 2 positions field.

General Ledger Companies

- Release 20
  - The G/L Company # field is a numeric 10 positions field.

G/L Company #	Name	Contact	Address Liine 1	Address Liine 2	City
0000000001	MFS Sold Loans		8 Suburban Park Drive		Billerica
0000000002	MFS Internal Loans		8 Surburban Park Drive		Billerica
0000000003	MFS Sold Daily Remit		8 Surburban Park Drive		Billerica
0000000004	MFS Sold IDA Loans		8 Surburban Park Drive		Billerica
0000000005	MFS Sold Participant		8 Suburban Park Drive		Billerica
0000000006	MFS GNMA Loans		8 Suburban Park Drive		Billerica
0000000007	MFS Master Service		8 Surburban Park Drive		Billerica
0000000008	MFS ARMs		8 Surburban Park Drive		Billerica
0000000009	MFS Misc Other Loans		8 Surburban park Drive		Billerica
0000000010	MFS DIAL		8 Surburban Park Drive		Billerica
0000000011	Internal for Deferred		8 Surburban Park Drive		Billerica
0000000015	Demo Loans		8 Surburban Park Drive		Billerica

Vendor Maintenance

No Payable Record

Sys Info ID: V4 - General Ledger Companies

G/L Company #: 0000000001

Name: MFS Sold Loans

Address Line 1: 8 Suburban Park Drive

Address Line 2:

City: Billerica

State: MASSACHUSE (MA)

Contact:

Telephone #: (000)000-0000

Fax #: (000)000-0000

Tax ID #: 44-4444444

Coupon Print Customer #:

General Ledger Companies

- G/L Company Field in Investor Vendor
  - Prior to R20
  - Ctrl+Alt+M will open PINFO information for this field

General Ledger Companies

- G/L Company Field in Investor Vendor
  - Prior to R20
  - Ctrl+Alt+M will open PINFO information for this field

General Ledger Company

- This field can also be entered/updated in the Master file
- Many other files will carry this field
  - List of all the files will be available in the Highlights for Release 20.