

# Investor Reporting

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#### Investor Reporting changes available in Release 20

 Join McCracken Analysts to learn about the latest investor reporting tools. See the new browser-based options for Ginnie Mae RFS and WHFIT reporting and the latest changes/additions to Syndicated Loan servicing including new Syndication Notices.

#### Investor Reporting at R20

- Ginnie Mae Changes
  - High Level Summary of Current Reporting
    - WHFIT Reporting
    - **RFS Reporting**



## Ginnie Mae Reporting

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#### Ginnie Mae Reporting

- In Strategy Releases 19D/E/F, Strategy provides the following:
  - GNMA Reports widget in Portal to produce PDF and/or CSV files for:
    - 11710A (Accounting), 11710D (Summary), 11710E (Liquidation), and Certificate Register
  - Creation of the WHFIT (Widely Held Fixed Investment Trust) Reporting file
  - Creation of the RFS (Reporting and Feedback System) Reporting file
  - Separate investor cutoff program for Ginnie Mae
  - Automatic recalculation of the pro rata share of active certificates when new ones are issued on construction loan advances
  - Automatic flow of updates between the pool and the corresponding certificates

### Ginnie Mae Reporting (con't)

- 11710D rollup when there are multiple investors for a single Issuer
- Ability to produce liquidation reports on pools due to loan payoff, foreclosure, repurchase, or assignment.



# Release 20 -Ginnie Mae

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# WHFIT Reporting

#### WIDELY HELD FIXED INVESTMENT TRUST

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#### WHFIT Reporting

- WHFIT Reporting:
  - The Ginnie Mae WHFIT Reporting has been moved to the Agency Reporting/GNMA Reports widget in Portal and removed from green screen.
  - Moved the OID/MDF Maintenance from the green screen RFS Reporting to the new WHFIT Reporting in portal.



#### WHFIT Reporting – MDF Calculation Date

	w Agency Reporting GNMA	Velcome, KFERGUSOP Agency Reporting GNMA
GNMA Reporting	WHFIT - Widely Held Investment Trust Tax Reporting	
11710 Reporting	MDF Calculation Date Verification WHFIT Reporting File Pool History MDF & OID Maintenance	<
RFS WHFIT Certificate Register	MDF Calculation Date     All Pools     Specific Investor/Pool	
	Rerun the MDF Calculation for Reporting Date (MM/CCYY) 0 / 0	
	Apply	3
	have and the second of the sec	

#### WHFIT Reporting – MDF Calculation Date

DF Calculation Date Verification WH	FIT Reporting File Pool History MDF & OID Maintenance	
	MDF Calculation Date	
All Pools		
Specific Investor/Pool		
nvestor 600 (GinnieMae)	▼	
ool 6331011PL		
trategy Date to Use for Market Discount Fr		
ate to Use for Market Discount Fraction	10/31/2023 te (MM/CCYY) 7 / 2019	
erun the MDF Calculation for Reporting Da		
	2	

#### WHFIT Reporting – Verification Reports

		on WHFIT Reporting File	Pool History MDF & OID Maintenance	
			<b>Verification</b>	Reports
	alculation Date Verificatio mount Verification	n		
Investor Pool	600 (GinnieMae)	<b></b>		
	0331012FL			

#### WHFIT Reporting – WHFIT Reporting File

MDF Calculation Date Verific	ation WHFIT Reporting File	Pool History MDF & OID Maintenance	J
		WHFIT Rep	orting File
Start Record Date 7 End Record Date 7 Run All	/ 2019 / 2019		
WHFIT Report			
Excluded Pools Report			
Investor	✓ Stop Reportin	g of MDF	Apply To All Pools

### WHFIT Reporting (con't)

- A new system value has been added for the 'Stop Reporting of MDF' flag which will always include pool(s) in the WHFIT reporting file regardless of the calculated MDF value. Currently, the WHFIT reporting file program will exclude any pool after the MDF is equal to "1"; pool is included the first time MDF = "1" but excluded from future reporting files.
  - Some customers want to continue reporting pools even though the MDF value has hit "1". In order to allow for both reporting scenarios, a new flag has been created.
    - Existing 'Stop Reporting Flag' = "Y" will report pool with MDF = "1" the first time but exclude it from future reporting files.
    - New 'Stop Reporting Flag' = "A" (Always) marks pool record to be included in all reporting files even if MDF = "1".
    - Option to bulk change flag to "Y", "N", or "A" on all pools for an investor.
      - This option will change the 'Stop Reporting Flag' at the pool level for all pools within the selected investor.

#### WHFIT Reporting – Excluded Pools

Investor 600	(GinnieMa	e) 🗸	Stop Reporting of MDF		<b>•</b>	Apply To All Pools	
		Search		NO (N) YES (Y)			
Pool	<b>A</b>	Stop Reporting of MDF	Ma	ALWAYS (A)	Rep	oorting Period	Date for MDF Calculation
6331011PL	Y		0.0		201907		
6331012PL	Y		0.0		201907		
6331013PL	Y		0.0		201907		
6331014PL	Y		0.0		201907		
6331015PL	Y		0.0		201907		
6331016PL	Y		0.0		201907		
6751111PL	Y		0.0		201907		
0/SIIIIFL							

#### WHFIT Reporting – MDF & OID Maintenance

Welcome, KFERGUSON Agency Reporting GNMA

F Calculation Date Verification WHFIT Repo	Pool History MDF & OID Maintenance			
Pool History MDF & OID Maintenance				
ool History Search				
vestor 600 (GinnieMae) V ol 6331013PL				
Reporting Date	Original Issue Discount		Market Discount Fraction	
7/2019		0.00		(
6/2019		0.00		(
5/2019		0.00		(
4/2019 3/2019		0.00		1
2/2019		0.00		
1/2019		0.00		
12/2018		0.00		
11/2018		0.00		(
10/2010		0.00		
porting Date 7/2019				
	0.00			
iginal Issue Discount				



# **RFS** Reporting

#### REPORTING AND FEEDBACK SYSTEM

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### **RFS Reporting**

- RFS Reporting:
  - The Ginnie Mae RFS Reporting has been moved to the Agency Reporting/GNMA Reports widget in Portal and removed from green screen.
  - Ability to update the unique GinnieMae Loan ID field after the monthend cutoff has run.
  - Ability to store and report the 15-CH FHA Case # on USDA loans.
    - New 'Investor Master GNMA Additional' Mapping Tool Template is available to update the new field in the PIMSTADL file.
    - Optional conversion program will be available as part of the Release 20 Supplemental Installation Instructions that will copy the existing value in Investor Master Loan Number to the new field.

#### **RFS** Reporting

	Agency Reporting GNMA	Welcome, KFERGUSON Agency Reporting GN
GNMA Reporting	RFS Reporting	
11710 Reporting	Loan Key and USDA/Case Maintenance Pool History Bank/DDA Maintenance Loan File Maintenance RFS Reporting File RFS Summary File	
RFS WHFIT	Loan Key and USDA/Case Maintenance	
Certificate Register	Investor # 0            Account # 0	
	Apply	
		m

	Agenc	y Reporting GNM	IA		
FS Reporting					
.oan Key and USDA/Case M	aintenance Pool History Bar	nk/DDA Maintenance Loan File	Maintenance RFS Repor	rting File RFS Summary File	
		Loan Key and	USDA/Case M	aintenance	
nvestor # 600		•			
Account # 60063311					
Apply					
Account #	Short Name	Investor #	Group #	FHA/Rural Dev Case #	Loan Key
60063311	Bradford Carl	600	6331011PL		633110001
Apply Delete					
Account #	60063311 Bradford Carl				
Short Name					
Short Name Investor #	600				
Short Name Investor # Group # F <b>HA/Rural Dev Case #</b>					

### RFS Reporting (con't)

- Created a new Ginnie Mae Construction Reporting Indicator:
  - Indicator will be the driver to pickup certain RFS Reporting nuances for the construction pools.
  - Conversion program will run as part of the Release 20 Installation that will set the flag to "Y" if the Pool Number contains a "C" in the pool number suffix to denote construction.
  - These are the construction reporting fields addressed:
    - Adjust FIC, Pool FIC, Loan FIC, Delinquent Principal, and Prepaid Principal.
    - Construction Loan Principal Bank ID and Construction Loan Principal Account Number in the Additional Pool History File.

#### RFS – Pool History Bank/DDA Maintenance

	Pool I	History Bank/DDA Maintenance
Investor #         600           Pool #         6331011PL		Pool History Reporting Date(mm/ccyy) 7 / 2019
Apply		
Apply Investor # 600 Pool # 6331011PL	Pool History Reporting Date()	
Replacement Reserve Balance	850,000.00	
Replacement Reserve Account #	61-600-633	_ ]
Replacement Reserve Bank ID	61444444	]
Replacement Reserve Bank	Reserve Accounts	]
Construction Loan Principle	0.00	]
Construction Loan Prin Acct #	600-115	1
	000 115	
Construction Loan Prin Bank ID	006757777	
Construction Loan Prin Bank ID	006757777	

### RFS Reporting (con't)

- Removed majority of the edits on the Loan Maintenance screen.
- Corrected the Loan UPB, Liquidation Principal Remitted, and Liquidation Principal Balance fields on liquidated permanent pools.
- Added Filters to the Sensitive and Various Loan Record screens.

#### RFS – Loan File Maintenance

			Loan File Ma	aintenance		
Investor # Pool #	600 6331011PL	··· ···	Pool History Report	ting Date(mm/ccyy)	/ 2019	
Apply						
New						
	Issuer Loan ID/Acct #	<b>A</b>	Short N	Vame		Ginnie Mae Loan Key 🗶
60063311			Bradford Carl		633110001	
60063312			Venture Group		633120001	
60063313			Stark & Assoc		633130001	2
60063314			Premier Devel		633140001	(
60063315			Hooper & Sons		633150001	
CA063316	Martin and Martin	N	Plandar vp.	A many	6331600	m

#### RFS – Loan File Maintenance (con't)

ool History Report Date	201907	Pool ID	633101	
Issuer Loan ID/Acct #	60063311	First Payment Date	12/01/2013	
Ginnie Mae Loan Key	633110001	Loan Maturity Date	10/31/2023	
Investor Number	600	Last Install Paid Dt	07/01/2019	
Case Number	63311600	Loan Interest Rate	5	
Loan OPB	125,000,000.00	Loan Type	FHA (FHA)	~
Loan UPB	61,536,796.58	Loan FIC	1,330,065.95	
Delinquent Prin	0.00	Delinquent Int.	0.00	
Prepaid Prin.	0.00	Prepaid Int.	0.00	
Install Prin.	1,069,207.60	لم Install Int.	260,858.35	
Curtailment	0.00	Adjust Int.	0.00	
Net Adjust UPB	0.00	In Foreclosure	NO (N)	~
Removal Date		Removal Reason		~
Liquidation Int. Due	0.00			
Liquidation Prin. Remitted	0.00			

#### RFS – Reporting File

RFS Reporting	
Loan Key and USDA/Case Maintenance	Pool History Bank/DDA Maintenance Loan File Maintenance RFS Reporting File RFS Summary File
	<b>RFS Reporting File</b>
Pool History Reporting Date(mm/cc)	<b>/y)</b> 7 <b>/</b> 2019
Include Sensitive Records	
Include Various Records	
Include All OR Updated Records	Include All Pool History / Loan Rec 💙
Ginnie Mae Summarize Flag	$\checkmark$

### RFS Reporting (con't)

- Enhanced Sensitive Record reporting:
  - Automatic selection of loan Sensitive Record(s) based on the Relationship Start Dates.
  - The Sensitive Loan Records include the Primary Borrower and up to four additional GNMA related name records.

#### RFS – Reporting File (con't) – Sensitive Records

	Search Apply	Cancel				
Select all Accounts that Sensitive Loan Records should be created for.					Selected Sensitive Records	
Account #	Short Name	L	oan Key	Account #	Short Name	Loan Key
60063312	Venture Group		633120001	60063311	Bradford Carl	633110001
60063313	Stark & Assoc		633130001			
60063314	Premier Devel		633140001	<pre>&gt;&gt;</pre>		
60063315	Hooper & Sons	3	633150001	>		
60063316	Plandamon		633160001	All <<		
60067501	Western Manag		675010001	ve <		
60067502	Charter Assoc		675020001			
60067503	Grant & Assoc		675030001			
60067504	Garfield Grou		675040001			
60068103	Hayes Develop		681030001			

#### RFS – Reporting File (con't) – Various Records

Include Va	arious Records	Search Apply Cance	3								
Select and Modify all Accounts that Various Loan Records should be created for.				)				Selec	ted Various Records		
	Account #	Short Name	Loan Key		Account	Short Name	Loan Key	Loan To Debt Value	Debt Service Ratio	MIN	MERS Original
	60063311	Bradford Carl	633110001		#	Venture	-				Mortgagee
	60063313	Stark & Assoc	633130001	Add All	60063312	Group	633 <mark>1</mark> 20001	0	0		
	60063314	Premier Devel	633140001	>>	60063316		n 633160001	0	0		
	60063315	Hooper & Sons	633150001	Add >	60067502	Charter Assoc	675020001	0	0		
	60067501	Western Manag	675010001	Remove	60067504	Garfield Grou	675040001	0	0		
	60067503	Grant & Assoc	675630001	All <<		0.04					
	60068103	Hayes Develop	681030001	Remove <							
		man man		ha	<u> </u>				A	n	
					~	~~~~					V.

#### RFS – Summary File

Agency Reporting GNMA	cy Reporting G									
FS Reporting	5									
oan Key and USDA/Case Maintenance Pool History Bank/DDA Maintenance Loan File Maintenance RFS Reporting File RFS Summary File	2									
RFS Summary File										
ISSUER ID REPORTING DATE - CCYYMM POOL COUNT LOAN COUNT SENSITIVE COUNT VARIOUS COUNT SUMMARIZE FLAG USER NAME DATE AND TIME	RAN									

### Additional Release 20 Ginnie Mae Changes

- Eliminated dayend halt due to a duplicate pool history record.
- Indicator will automatically flip to "N" when converting a construction pool to a permanent pool.
- Populating Pool Maturity Date.

#### Upcoming Ginnie Mae Change to RFS Reporting

- Ginnie Mae is currently in the process of getting OMB approval for new data elements to be added to the RFS Reporting File.
- Once approved, Ginnie Mae will issue an APM -- estimate 3-4 months from September 2021.
- Ginnie Mae is likely to provide 6-12 months between APM issuance and full implementation to allow for testing, adjustments, etc.

#### MAC General/Investor Reporting Subcommittee

- Through collaboration with this group, a Ginnie Mae BRD (Business Requirement Document) was written. Over time, the group has met to discuss the requirements, possible solutions and assigned priorities to the various Use Cases.
- If you are servicing Ginnie Mae loans, please be sure to take advantage of the subcommittee and have someone from your company attend the meetings in 2022.



# Syndicated Lending

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### Syndicated Lending

- Expanded Functionality to better accommodate Syndicated Lending.
  - Calculate interest accrued using Compounding in Arrears
  - Same Day Remittance
  - Agent Bank Reporting/Notices

### Syndicated Lending

#### Compounding in Arrears Calculation

- New interest calculation used for one of the SOFR methodology
- ARRC recommended that syndicated lending consider using interest accrual methods that employ compounding in arrears
- Strategy's Adjustable Loan module was modified in Update 19F to accommodate this accrual method - Adjustable Loan Processing session recording for more information

# Syndicated Lending

#### Same Day Remittance

- Syndicated Loans often operate on a requirement that money coming in and is remitted out to the appropriate parties within a very short timeframe.
- The money requirement is often the the same day, or before day end runs.
- With Release 20, you can now create a wire to handle the syndicated loan requirements the same day it is received. See the Strategy Wire session for more information

# Syndicated Lending

- Agent Bank Reporting/Notices
  - There are also a several reports/notices required to keep the many participants in a Syndicated Loan notified as to the status and performance of the loan and underlying collateral.
  - Strategy now provides the user the ability to create eight (8) different Strategy Notices and Reports, to send those notices to a defined list of recipients and to view those reports/notices historically

# Syndication Notices

- New notices in Strategy
   Buy-In Notice (07)
  - Cap Note with Roll (06)
  - Commitment Notice (08)
  - Funding Notice (04)
  - Interest Cap and Rate Balance (05)
  - Interest Payment and Rate (02)
  - Interest Payment with Rollover (01)
  - Rate Notice (03)

# Syndication Notices

#### • What is new

Created new widget called Participation Widget

 Created Notice reports and gave the ability to automatically email the notices to a list of contacts listed in Strategy

#### Participation Widget



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#### Syndication Notices Screen

						Welcome, Strategy Syndication N
			Syndication	Notices		
otices				Runtime Parameters		
	INT	Notice Type RATE NOTICE (03) EST PAYMENT WITH ROLLOVER (01) EREST PAYMENT AND RATE (02) LEST CAP AND RATE BALANCE (05) FUNDING NOTICE (04) COMMITMENT NOTICE (08) CAP NOTE WITH ROLL (06) BUY-IN NOTICE (07)		Generate Notice View History  Basis DEAL NAME LOAN 10020120 MCA ALL Preview Notice Run Notice and Send At	utomatically	
tice History						
Type	Basis	Value	Run Date	Effective Date	File Name	Status
data available in table						
	N					
			RWD R20DOC 20 SD	08/05/2019 08/02/2021		

# Syndication Notices Screen

- Left Hand Panel
  - Displays the Notices available for generation
  - One of the Notices must be selected.

#### Right Hand Panel

- The radio buttons control whether you Generate Notice or View History of the selected Notice
- When Generate Notice is selected the Filter/Sort Options for the Report are displayed
  - $\circ$  Deal
  - Loan
  - MCA
  - ° ALL

- User selects one of the Option • Deal
  - Loan
  - ° MCA
- Enters Search criteria in the provided field
- Strategy validates that the entered value is valid
- Click the ellipse button to the right to display the search results for the data type and value entered

		Search Canc
Search Results		
	Deal Name	
Test Deal 1		
Test Deal 2		
Test Deal 3		

#### **Deal Type**

- Selecting Deal Name (Notice Basis D) displays all the Deals in the portfolio.
- Enter data in the Search box to limit your results
- If the loans in a Deal have different effective dates a warning will appear on the screen

			Search Cancel						
Search Resul	ts								
Loan A Number	Associated Name	Monthly Payment	Current Principal Balance	Loan Name	Active Status	Name ID	MCA #	Credit Facility #	
10020001	ABC Construction	9,795.50	500,322.02		Y	1	0	0	
10020003	ABC Construction	274,262.95	17,137,609.24	monthly eom acc to roll fwd	Υ	1	0	0	
10020005	ABC Construction	110,905.18	6,780,004.63	monthly eom thru roll fwd	Y	1	0	0	
10020006	ABC Construction	10,667.89	514,306.19	monthly acc thru follows roll fwd	Υ	1	0	0	
10020007	ABC Construction	1,332,065.95	85,028,914.15	M EOM indep acc	Υ	1	0	0	
10020016	ABC Construction	110,905.18	6,780,004.63	Monthly EOM acc thru roll back	Υ	1	0	0	
10020019	Archer & Bolton	9,595.50	507,888.08	monthly no bcal	Y	3	0	0	
10020020	Archer & Bolton	280,262.95	17,137,760.85	monthly acc to due date roll forward	Y	3	0	0	
10020022	ABC Construction	1,337,065.95	85,349,163.72	monthly roll backward	Y	1	0	0	

#### Loan Type

- Selecting Loan (Notice Basis L), displays
  - Loan Number
  - Associated Name
  - Monthly Payments
  - Current Principal Balance for the Loan
  - Loan Name,
  - Active Status
  - $^{\circ}$  Name ID
  - $^\circ\,$  MCA #
  - Credit Facility Number
- Enter data in the search box to limit your results

			Search Cancel				
MCA	MCA Name	Original Commitment Account	MCA Commitment with Adjustments	Original Date	Maturity	Inactive	Inactive Date
5678	Opal	120,000,000.00	120,000,000.00	01/01/2014	12/31/2034		
55101	test setup	1,000,000.00	2,500,000.00	06/01/2017	01/01/2027		1
75001	Saybrook	97,300,000.00	97,300,000.00	04/01/2014	05/01/2034		1
77001	IRP test 78501	70,000.000.00	70,000,000.00	01/01/2014	12/31/2034		

#### MCA Type

- Selecting MCA (NOTICE BASIS M) displays
  - $^\circ\,$  MCA ID
  - Name
  - Original Commitment Amount
  - MCA Commitment with Adjustments
  - Original Date
  - Maturity Date
  - Inactive Indicator
  - The date it was applied if applicable
- Enter data in the search box to limit your results
- If the loans in an MCA have different effective dates a warning will appear on the screen

## Generating a Notice Options

#### Preview notice

° Will download and view a spreadsheet version of the notice

- Run notice and send automatically
  - Generates the notice, which is directly sent via email to the contacts listed in the notice. The email addresses are stored in the Investor Vendor Contact Info

#### Generating a Notice - Notes

 When a notice is generated a note with an attachment is created in Notes and a record is added to the Syndicated Notice History file (PSYNDHIST). This file contains information relevant to the notice created.

The second options in the runtime parameters on the Syndication notices is View History

Generate Notice				
View History				
ffective Date From	06/13/2020	Effective Date To	07/13/2020	
asis				
O DEAL NAME				
🔍 LOAN		 Status CONFLICT (C)	)	~
Омса				

- The Effective Date From and the Effective Date To are required fields
- The date range is defaulted to one month prior to the current date
- Historical notices can be filtered by Conflict status. Conflict Status is the default search but can be changed using the filter option provided to Pending, Closed, or no selection

- Other fields on the screen are optional and can be used in much the same way as report selection to limit the historical information made available.
- When a filter parameter is changed a search is automatically conducted and the Notice History grid at the bottom of the Syndication Notice widget will display the Search Results.
- Clicking a row in the Search Results displays the Notice History page in the Syndication Notice widget.
- Users may also right click to download the Search Results to a spreadsheet.

#### Notice History

wnload Notice Re-send Notice Close Conflict Cancel	Notice History	
Notice Details	Comparison of Notices to Strategy Rate Review	
/pe Interest Payment with Rollover & Rate	Notice Generated Values	Strategy Generated Values
asis LOAN (L)	Effective Date 01/03/2020	Interest From Date
alue 10020001	Rate Maturity Date	Interest To Date
un Date 01/03/2020	All-In Rate (Interest Rate) 0%	Interest Rate 0%
iling Date	Comparison Status PENDING (P)	
le Name Interest Payment with Rollover & Rate_10020001_20200103.xlsx	Closed By	
	Closed Date	

**Comparison Status** 

- When a Notice and a Syndication History record are generated, the record it is assigned a Status.
- If there are any Strategy To/From dates in the Notice, (YZITD, YZIFD) the Status is set to 'P' for Pending. During day end, Strategy will check for errors.
- If there is no data in either Strategy Interest To (YZITD) or Strategy Interest From (YZIFD), or there is no data in either field, the Status is set to 'X' for Closed.
- During day end, all Syndication Notice History records with a Status of 'P' are compared to the receivable file. If the Notice Type is 'L', the Loan's PRCVBL file is queried. If the Notice Type is 'M' or 'D', the first loan associated with the MCA or Deal is queried. If any of the Notice values are different then the Receivable Values, the Notice Status is set to 'C' for Conflict.

**Conflict Status** 

- The purpose of the Conflict Status is so that the user can determined whether Strategy or the notices contained any errors.
- If any History records are displayed with a 'Conflict Status' the system is confirming that one of the three values (All in Rate, Notice Maturity Date, or the Notice Effective Date) is not correct based on values shown in the Receivable Record. Users must manually review and fix the cause of the discrepancy.
- When the discrepancy is corrected, they can return to the Syndicated History Record and use the Close Conflict button to set the Status to 'Closed (X)'.
- Other options available from the Notice History page, include Download Notice, and Re-send Notice. When either of these options is selected using the buttons above the Notice Details panel, the original notice stored in Notes is retrieved and either downloaded or emailed to the designated recipients.

#### Notices - Buy-In-Notice

- Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Rates: Notice/Review Date, Effective Date
- New Rate Notice: Term (Index), Base Rate (Index%), Spread (Margin), Borrower All-In Rate (Interest Rate), New Rate Maturity
- Buy-In Information: Participants, % Share, Current Loan Balance

#### **Buy-In-Notice**

Freddie K deal (CME) 1/				
		Participants Notice Opal		
То:				
Contact	<b>Lender</b> Freddie K deal (CME) 1/CREFC	Phone	Email	
From:				
Jane Smith			Jane Smith-Cook@McCrackenfs.com	
SYNDICATION NOTICE -	Buy-In			
Rates				
Notice/Review Date:				
Effective Date				
New Rate Notice				
Term (Index)	Base Rate (Index %)	Spread (Margin)	Borrower All-In Rate (Interest Rate)	New Rate Maturity
Buy-In Information				
Participants	% Share	Current Loan Balance		

#### Notices – Interest Cap and Rate Balance

- Balance Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Rates: Notice/Review Date, Effective Date Interest From Date, Interest To Date
- Gross Interest Due will be paid as follows: Loan#, Loan Identifier, Borrower's Global Interest Due, Investor Interest Due
- Funding & Balance: Loan Identifier, Global Balance, Roll in Balance, Interest Advance, New Global Balance Summary

#### Interest Cap and Rate Notice

Freddie K deal (CME) 1/CREF	c –				
		Participants Notice			
		Opal			
To:					
Contact	Lender	Phone	Ema	ail	
	Freddie K deal (CME) 1/CREF	C			
From:					
Shari Hartwell-Cook			Shai	ri.Hartwell-Cook@McCrackenfs.com	
SYNDICATION NOTICE - Intere	est Cap and Rate Notice				
Rates					
Notice/Review Date:					
Effective Date					
New Rate Notice					
Term (Index)	Base Rate (Index %)	Spread (Margin)	Bori	rower All-In Rate (Interest Rate) New Rate Maturity	
Interest From Date	08/01/2019				
Interest To Date	08/31/2019				
Gross Interest Due will be pai					
Loan #	Loan Identifier	Borrower's	Global Interest Due	Freddie K deal (CME) 1/CREFC	
750078520	()		0.00	0.00	
750078521	()		0.00	0.00	
750078522	()		0.00	0.00	
	Total		0.00	0.00	
Funding & Balance					
		750078520	750078521	750078522	
Loan Identifier		0	()	0	
Global Balance		0.00	0.00	0.00	
Roll In Balance		0.00	0.00	0.00	
Interest Advance		0.00	0.00	0.00	
New Global Balance					

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#### Notices – Interest Payment and Rate

- Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Rates: Notice/Review Date, Effective Date
- New Rate Notice: Term (Index), Base Rate (Index%), Spread (Margin), Borrower All-In Rate (Interest Rate), New Rate Maturity Interest From Date, Interest To Date
- Gross Interest Due will be paid as follows: Loan#, Loan Identifier, Borrower's Global Interest Due, Investor Interest Due
- Summary of Balances: Syndicated Notice Commitment Notice Investors, Participation %, Sum of Balances, Roll In () (for each loan in MCA or Deal), Balance () (for each loan in MCA or Deal) Global row shows values for all of above

#### Interest Payment and Rate Notice

D2 Inv 510 Int Participant					
		Participants Notice Talon Industries			
То:					
Contact	<b>Lender</b> D2 Inv 510 Int Participant D2 Inv 520 Ext Participant	Phone		Email	
From:					
SYNDICATION NOTICE - Interest	Payment & Rate Notice				
Rates				]	
Notice/Review Date:	09/01/2019			1	
Effective Date	09/03/2019				
New Rate Notice				]	
Term (Index)	Base Rate (Index %)	Spread (Margin)		Borrower All-In Rate (Interest Rate)	New Rate Maturity
S1	4.467	1.5		5.967	10/03/2019
Interest From Date	08/03/2019				
Interest To Date	08/31/2019			1	
Gross Interest Due will be paid a					
Loan #	Loan Identifier	Borrower'	s Global Interest Due	· · · · · ·	
220006215	()		204,072.60		
	Total		204,072.60	122,443.5	6 81,629.04
Summary of balances				]	
SYNDICATION NOTICE - Commit		vinction %	Cum of Delever		006215
Investors GLOBAL	Parti	cipation % 100.	Sum of Balances		
			<b>55,000,000.00</b> 33,000,000.00		
02 Inv 520 Ext Participant		40.	22,000,000.00	0.0	0 22,000,000.00

#### Notices – Interest Payment with Rollover

- Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Rates: Notice/Review Date, Effective Date
- New Rate Notice: Term (Index), Base Rate (Index%), Spread (Margin), Borrower All-In Rate (Interest Rate), New Rate Maturity Interest From Date, Interest To
- Gross Interest Due will be paid as follows: Loan#, Loan Identifier, Borrower's Global Interest Due, Investor Interest Due Balance & Roll In: Loan Identifier, Global Balance, Roll In Balance, Interest Advance, New Global Balance (Fields listed for each loan in a Deal or MCA)
- Summary of Balances: Syndicated Notice Commitment Notice Investors, Participation %, Sum of Balances, Roll In () (for each loan in MCA or Deal), Balance () (for each loan in MCA or Deal) Global row shows values for all of above Row for each Investor

#### Interest Payment, Libor Roll, & Rate Notice

First National Bank	First National Bank			
	Partic	ipants Notice		
		st Associates		
То:				
Contact	Lender	Phone	Email	
	Freddie K deal (CME) 1/CREFC	79505		
	First National Bank	123456789	JaneSmith@mccrackenfs.com	
From:				
Jane Smith			JaneSmith@McCrackenfs.com	
SYNDICATION NOTICE - In	terest Payment, Libor Roll, & Rate I	Notice		
			1	
Rates				
Notice/Review Date:				
Effective Date				
New Rate Notice			1	
New Rate Notice			」 Borrower All-In Rate (Interest	
Term (Index)	Base Rate (Index %)	Spread (Margin)	-	ate Maturity
renn (maex)	Dase Rate (muex //)	Spread (Margin)		ate Maturity
Interest From Date	08/01/2019			
Interest To Date	08/31/2019			
Gross Interest Due will be			1	
Loan #	Loan Identifier	Borrower's Global Interest Due	First National Bank Fred	die K deal (CME) 1/CREFC
750079777	()	0.00		0.00
	Total	0.00		0.00
Balance & Roll In			]	
	7500797	77		
Loan Identifier		0		
Global Balance	0.0	00		
Roll In Balance	0.0	00		
Interest Advance	0.0	00		
New Global Balance	0.0	00		
			7	
Summary of balances				
	ommitment Notice 37,500,000.00		750079777	
Investors	Participation			Balance ()
	e of McCracken Cust <b>u</b>			0.00
First National Bank		0.00		0.00
Freddie K deal (CME) 1/CR	EFC 5	0.00	0.00	0.00

**Confidential Infor** 

#### Notices – Rate

- Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Rates: Notice/Review Date, Effective Date
- New Rate Notice: Term (Index), Base Rate (Index%), Spread (Margin), Borrower All-In Rate (Interest Rate), New Rate Maturity Interest From Date, Interest To Date

#### Rate Notice

Bank of St. Louis	Particip Continen			
To: Contact	<b>Lender</b> Bank of St. Louis	Phone	Email	
<b>From:</b> Shari Hartwell-Cook			Shari.Hartwell-Cook@McCrackenfs.com	
SYNDICATION NOTICE - Rate Notice			_	
Rates	00/04/2000			
Notice/Review Date: Effective Date	03/01/2020 08/01/2019			
New Rate Notice			7	
Term (Index)	Base Rate (Index %)	Spread (Margin)	Borrower All-In Rate (Interest Rate)	New Rate Maturity
Т1	4.75	0.122	4.872	09/01/2019

#### Notices - Commitment

- Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Syndication Notice Commitment Notice:
- Global Commitment Increase to Commitment
- New Global Commitment

# Notices - Funding

- Report Title: Loan/MCA/Deal ID
- To: Contact, Lender, Phone, Email
- From: Contact, Email
- Rates: Notice/Review Date, Effective Date
- New Rate Notice: Term (Index), Base Rate (Index%), Spread (Margin), Borrower All-In Rate (Interest Rate), New Rate Maturity
- Interest From Date, Interest To Date
- Funding & Balance: Loan Identifier, Global Balance, Roll In Balance, Interest Advance, New Global Balance
- Summary: By Participant: % Share, Current Loan Balance, Funding Advance (to be Wired to participant), Interest Funding Advance and Pay Yourself, New Project Loan Balance.

# Questions

Confidential Information - For the use of McCracken Customers only.