CREFC IRP Report Changes and Additions

Release 20

Compatible Releases:

The contents of this document is intended for the use of our customers only and is not intended for distribution to those individuals who do not have a need to know to do their job.

Contents

New IRP Reports

Loan Setup Report

Generally prepared by the Master Servicer, this file contains information about the loan at time of issuance and generally contains static information.

	Field Description / ALL CAPS – STRATEGY DESC. / Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
1	Transaction ID	LSTRANSID	15	CHAR	15	PPSAIM.KGTRANSID	
2	Group Number	LSIMG#	9	CHAR	9	PIMST.IMG#	
3	Loan ID	LSL#	15	CHAR	9	PMASTR.CML#?	
4	Prospectus Loan ID	LSPLID	11	CHAR	11	PMASTR.CML#, PIRPXRLOAN.RNTRUSTEE, OR PIRPXRLOAN.RNMASTER	If the servicing role field PPSADIV.KISRROLL is equal to 'M' Master, or blank, then display strategy loan# PMASTR.CML#; otherwise, if the trustee number (PIRPXRLOAN.RNTRUSTE) is not blank in the reporting loan number file, display PIRPXRLOAN.RNTRUSTEE, if blank, then display the master number PIRPXRLOAN.RNMASTER.
5	Original Note Amount	LSOPB	17	NUM	17,2	PMASTR.CMOPB	
6	Original Term of Loan	LSOTERM	3	NUM	3,0	PMASTR5.CMOTERM	
7	Original Amortization Term	LSOAMORT	3	NUM	3,0	PMASTR5.CMOAMORT	
8	Original Note Rate	LSONOTER	15	NUM	15,13	PMASTR5.CMONOTER	
9	Original Payment Rate	LSOPAYR	15	NUM	15,13	PMASTR5.CMOPAYR	
10	First Loan Paymnt Due Date	LS1PDT	10	DATE	10	PMASTR.CM1PDT	
11	Grace Days Allowed	LSGDYS	3	NUM	3,0	PMASTR.CMGDYS	

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
12	Interest Only (Y/N)	LSPAYTYPE	1	CHAR	1		If PMASTR.CMPYT = 'I' (Interest Only) or PMAST2.O5IOENDDT (Interest Only End Date) is greater than the Securitization Date (PPSADIV.KISECDT), then equal to 'Y'
13	Balloon (Y/N)	LSDMD	1	CHAR	1	PMASTR.CMDMD	
14	Interest Rate Type	LSCNTRCTYP	1	CHAR	1	PMASTR.CMCOT	If PMASTR.CMCOT = Fixed - 'F' - display '1' Adjustable - 'A' - display '2' Step - 'G' - display '3' Otherwise display '4'
15	Interest Accrual Method	LSIBC	2	CHAR	2	PMASTR.CMIB	If PMASTER.CMIB = 'A60', display '1' 'A65', display '2' 'B66',display '3' 'A66', display '4' 'B65',display '98'
16	Interest in Arrears (Y/N)	LSICIA	1	CHAR	1	PMASTR.CMICIA	
17	Payment Type	LSCMBSPAYT	2	NUM	2,0	PMASTR5.CMCMBSPAYT	
18	Prepayment Lock-out End Date	LSEXPDATE1	10	DATE	10	PPREPAY.PRMEXD	Display the Prepayment Prepayment End Date if the Prepayment Premium type is Lockout - PPREPAY.PRMTYP = 'LCK'

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
19	Yield Maintenance End Date	LSEXPDATE2	10	DATE	10	PPREPAY.PRMEXD	Display the Prepayment Prepayment End Date if the Prepayment Premium type is Yield Maintenance - PPREPAY.PRMTYP = 'YLD' (Yield Maintenance)
20	Prepayment Premium End Date	LSEXPDATE3	10	DATE	10	PPREPAY.PRMEXD	Display the Prepayment Prepayment End Date if the Prepayment Premium type is not Lockout, Defeasance of Defeasance Not Allowed. PPREPAY.PRMTYP not = 'LCK' or 'DEF' or 'XXX'
21	Prepayment Terms Description	LSPPTYPE	1000	CHAR	1000	PPREPAY.PRMTYP	PINFO CODE 'PN'
22	ARM Index	LSARMINDX	30	CHAR	30	PIRPXXLATE.XLTRCODE	Look up translation file PIRPXXLATE with code 'I2' and value found in PARM.ABINDX. If not found, then '98'.
23	First Rate Adjustment Date	LSRDAT	10	DATE	10	PARMH.ARECDT or PARMH.ABECDT	If record in PARMH where Rate Change Date (ARECDT) > Securitization Date (PPSADIV.KISECDT), display that date; otherwise use PARM.ABECDT
24	First Paymnt Adjustment Date	LSPDT	10	DATE	10	PARMH.ARPDT or PARMH.ABPDT	If record in PARMH where Payment Change Date PARMH.ARPDT > Securitization Date (PPSADIV.KISECDT), add 1 payment frequency and display that date; otherwise add 1 payment frequency to Payment Change Date PARM.ABPDT
25	ARM Margin	LSMARG	16	NUM	16,15	PARMH.ARMARG	PARMH.ARMARG/100

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
26	Lifetime Rate Cap	LSMAX	9	NUM	16,15	PARM.ABMAX	PARM.ABMAX/100
27	Lifetime Rate Floor	LSMIN	9	NUM	16,15	PARM.ABMIN	PARM.ABMIN/100
28	Periodic Rate Increase Limit	LSRICP	16	NUM	16,15	PARM.ABRICP	PARM.ABRICP/100
29	Periodic Rate Decrease Limit	LSRDCP	16	NUM	16,15	PARM.ABRDCP	PARM.ABRDCP/100
30	Periodic Pay Adj Max-%	LSPICDP	6	NUM	6,5	PARM.ABRICP	PARM.ABRICP
31	Periodic Pay Adj Max-$	LSPIIDP	17	NUM	17,2	PARM.ABRDCP	PARM.ABRDCP
32	Payment Frequency	LSPCHG	3	NUM	3,0	PMASTR.CMMORD AND PMASTR. CMBPF	CMMORD CMBPF DISPLAY M 1 1 M 3 3 M 6 6 M 12 12 D 1 365 ELSE BLANK
33	Rate Reset Frequency	LSFREQ	3	NUM	3,0	PARM.ABMORD AND PARM.ABFREQ	ABMORD ABFREQ DISPLAY M 1 1 M 2 2 M 3 3 M 6 6 M 12 12 D 1 365 ELSE BLANK

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	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
34	Pay Reset Frequency	LSRCFREQ	3	NUM	3,0	PARM.ABPCHG, PARM.ABFREQ, AND PARM.ABMORD	ABMORD ABPCHG DISPLAY M 1 1 M 2 2 M 3 3 M 6 6 M 12 12 ELSE BLANK
35	Rounding Code	LSIRM	1	CHAR	1	PARM.ABIRM	If Rate Rounding method PARM.ABIRM is: Round to nearest 1/8 (N) display '2' Unconditional Down (D) display '4' Unconditional Up (U) display '3' if Rate Rounding Method is blank display '1'
36	Rounding Increment	LSIRF	13	NUM	13,13	PARM.ABIRF	
37	Index Look Back in Days	LSLTR	3	NUM	3,0	PARM.ABLTR	
38	Neg Amort Allowed (Y/N)	LSPYT	1	CHAR	1	PMASTR.CMPYT	If Payment Type (PMASTR.CMPYT) = 'G' - Negative Amortization Allowed or 'B' - DOP to DOP With Neg Amortization display 'Y' otherwise 'N'
39	Max Neg Allowed(% Org Bal)	LSNAP	5	NUM	5,4	PMASTR.CMNAP	If CMNAP is not zero (Negative Amortization % Allowed(CMNAP) - 100)/100

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
40	Max Neg Allowed ($)	LSMAXNEG	17	NUM	17,2	PMASTR.CMNAP	If CMNAP is not zero (Negative Amortization % Allowed(CMNAP) - 100)/100)*Orig Principal Balance (CMOPB)
41	Remaining Term at Contrib	LSRTM	3	NUM	3,0	PMASTR5.CMRTM	
42	Remain Amort Term at Contrib	LSRAMORT	3	NUM	3,0	PMASTR5.CMRAMORT	
43	Maturity Date-Contribution	LSOLDMTDT	10	DATE	10	PIRPXHLMLL.HLLOMATDT or PMASTR.CMMATD	If the oldest Loan Modification record has a Maturity Date that is not blank (PIRPXHLMLL.HLLOMATDT) then use that date, otherwise use the Maturity Date from the Master file (PMASTR.CMMATD)
44	Sched Prin Bal at Contrib	LSBALCONT	17	NUM	17,2	PIREM.IRBSB	Using the oldest due date with the receivable record after the Securitization Date [FIND THE OLDEST OPEN RECEIVABLE RECORD AFTER THE SECURITIZATION DATE] (PPSADIV.KISECDT) and use that receivable record to find the associated Investor Remittance record to determine the Schedule Balance (PIREM.IRBSB)
45	Note Rate at Contribution	LSINVGRINT	16	NUM	16,15	PIREM.IRRATE	WOULD THIS BE THE SAME LOGIC AS FOR THE SCHEDULED BALANCE?

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
46	Serv and Trustee Fee Rate	LSSRVTRRAT	16	NUM	16,15		SUM OF WHAT RATES - ?
47	Fee Rate/Strip Rate 1	LSFEESTRP1	16	NUM	16,15	PIOSTRP.JPCRFFEE	LOGIC FOR LOCATING? INVESTOR AND LOAN ARE KEYS TO PIOSTRP
48	Fee Rate/Strip Rate 2	LSFEESTRP2	16	NUM	16,15	PIOSTRP.JPCRFFEE	
49	Fee Rate/Strip Rate 3	LSFEESTRP3	16	NUM	16,15	PIOSTRP.JPCRFFEE	
50	Fee Rate/Strip Rate 4	LSFEESTRP4	16	NUM	16,15	PIOSTRP.JPCRFFEE	
51	Fee Rate/Strip Rate 5	LSFEESTRP5	16	NUM	16,15	PIOSTRP.JPCRFFEE	
52	Net Rate at Contribution	LSNTRATCNT	15	NUM	15,13	LSINVGRINT-LSSRVTRRAT – LSFEESTRP1 – LSFEESTRP2 – LSFEESTRP3 – LSFEESTRP4 – LSFEESTRP5	Note rate at contribution less cumulative fee rate 1-5 and servicer and trustee.
53	Periodic P&I Paymnt-Contrib	LSPERPMTCT	17	NUM	17,2	PIREM.IRP$D2 + PIREM.IRI$D	Total P&I due. Scheduled prin amt and scheduled interest amt as of determination date. Trans code PIREM.IRTC=2, PIREM.IRSEQ#=1
54	Number of Properties-Contrib	LS#OFPROP	3	NUM	3,0	Calculates number of Properties on the loan	Calculates number of Properties on the loan
55	Property Name	LSIRPNAME	100	CHAR	100	PPSAPROP.XSIRPNAME or PCCOLLCRE.PQNAME - or 'Various"	If PPSAPROP.XSIRPNAME, is blank use PCCOLLCRE.PQNAME. If Property is defeased leave Blank. If multiple properties, display 'Various'
56	Property Address	LSIRPSTAD	250	CHAR	250	PPSAPROP.XSIRPSTAD or PCCOLLCRE.PQHOS1 + PQSTR1, or "Various"	If PPSAPROP.XSIRPSTAD is blank than use PCCOLLCRE.PQHOS1 + PQSTR1. If multiple properties on the loan, display 'Various'
57	Property City	LSVILG	25	CHAR	25	PCCOLLCRE.PQVILG	If multiple properties, and all cities are not the same, display 'Various'

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
58	Property State	LSSTAT	2	CHAR	2	PCCOLLCRE.PQSTAT	If multiple properties, and all states are not the same, display 'XX'
59	Property Zip Code	LSZIP	10	CHAR	10	PCCOLLCRE.PQZIP	If multiple properties, and all zip codes are not the same, display 'Various'
60	Property County	LSCNTY	30	CHAR	30	PCCOLLCRE.PQCNTY	If multiple properties, and all counties are not the same, display 'Various' PINFO TABLE ID '33' use Full Description where SIFCD = PCCOLLCRE.PQCNTY
61	Property Type	LSPROPTYPE	2	CHAR	2	PCCOLLCRE.PROPTYPE	If multiple properties and all are not same type, display 'XX'. PINFO Table ID 'PZ'
62	Net Rentable SqFt at Contrib	LSNETSQFT	9	NUM	9,0	PPROP.PQNETSQFT	If multiple properties and all are same property type, sum the values. If not the same or any are missing, leave blank.
63	# Units/Beds/Rooms-Contrib	LS#UNTBDAC	4	NUM	4,0	PPROP.NOUNITBDAC	If multiple properties and all are same property type, sum the values in PROP.NOUNITBDAC. If not the same Property Type or any are missing, leave blank.
64	Year Built	LSYRBLTDT	4	NUM	4,0	PCCOLLCRE.PQCOND	If multiple properties, if all the same year, display year. If not all the same, leave blank.

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	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
65	NOI at Contribution	LSNOI	19	NUM	19,2	POPMST.MSNOI	If multiple properties LSDSCR='C', display POPMST.MSNOI from the consolidated UWS statements LSDSCR='F', sum of POPMST.MSNOI for all UWS statements LSDSCR='P' OR 'N' leave blank
66	DSCR (NOI) at Contribution	LSNOIABCN	15	NUM	15,13	(POPMST.MSNOI/MSDSAO)+ MSDSBO+MSDSCO	If multiple properties LSDSCR='C', display (POPMST.MSNOI/MSDSAO)+ MSDSBO+MSDSCO from the consolidated UWS statements LSDSCR='F', sum of (POPMST.MSNOI/MSDSAO)+ MSDSBO+MSDSCO for all UWS statements LSDSCR='P' OR 'N' leave blank,
67	Valuation Amt Contribution	LSAPPVALAC	21	NUM	21,2	PPROP.PQAPPVALAC	If multiple properties, sum the values. If some missing, leave empty.
68	Valuation Date Contribution	LSAPPRDTAC	10	DCHARTE	10,	PPROP.PQAPPRDTAC	If multiple properties, and some missing or not the same date, leave empty.
69	Phys Occupancy Contribution	LSOCOC	6	NUM	6,3	POCCUPA.OCO	If multiple properties, sum all with POPMST.MSPURP purpose code 'UWS'. If POPMST.MSCNSL consolidated flag is 'Y', do not sum.

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	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
70	Revenue at Contribution	LSEGI	19	NUM	19,2	POPMST.MSEGI	If multiple properties LSDSCR='C', display (POPMST.MSEGI) from the consolidated UWS statements LSDSCR='F', sum of (POPMST.MSNOI/MSDSAO)+ MSDSBO+MSDSCO for all UWS statements LSDSCR='P' OR 'N' leave blank,
71	Operating Exp Contribution	LSTEXT	19	NUM	19,2	POPMST.MSTEXP	If multiple properties LSDSCR='C', display (POPMST.MSTEXP) from the consolidated UWS statements LSDSCR='F', sum of (POPMST.MSTEXP) for all UWS statements LSDSCR='P' OR 'N' leave blank,
72	Contrib Financials As Of Dte	LSENDT	10	DATE	10	POPMST.MSENDT	If multiple properties LSDSCR='C', display (POPMST.MSENDT) from the consolidated UWS statements LSDSCR='F', sum of (POPMST.MSENDT) for all UWS statements LSDSCR='P' OR 'N' leave blank
73	Recourse (Y/N)	LSRECOURS	1	CHAR	1	PMASTR3.CMRECOURS	
74	EMPTY FIELD	LSFLD74	1	CHAR	1	Blank	
75	Cross Collater Loan Grouping	LSCOLLGRP	20	CHAR	20	PCCOLLCRE.XCOLLGRP	First property on loan
76	Collection of Escrow (Y/N)	LSTECIEC	1	CHAR	1	PMASTR.CMTEC/PMASTR.CMIEC	If CMTEC = 'Y' or CMIEC = 'Y', display 'Y'
77	Collection of Reserves (Y/N)	LSRSVA	1	CHAR	1	PMASTR.CMRSVA	

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
78	Lien Position-Contribution	LSLIEN	2	CHAR	2	PPROP.PQLIEN	IF PROP.PQLIEN is '1', display '1' '2', display '2' '3', display '3' If blank, display '99' If multiple properties and all values are not the same, display '99'.
79	Hyper Amortizing Date	LSHAMORTDT	10	DATE	10	PMASTR.CMCMAT	
80	Defeasance Option Start Date	LSEFFDTDEF	10	DATE	10	PPREPAY.PRMEFD	If type PPREPAY.PRMTYP = 'DEF'
81	EMPTY FIELD	LSFLD81	1	CHAR	1	Blank	
82	Last Setup Change Date	LSLSTCHGDT	10	DATE	10	PIRPXHLMLL.HLLSETUPCH	If no record in PIRPXHLMLL or the date field is blank, use the 1st Distribution Date (PINVES.IVDSTRDT)
83	NCF at Contribution	LSNTCF	17	NUM	17,2	POPMST.MSNTCF	If multiple properties LSDSCR='C', display POPMST.MSNTCF from the consolidated UWS statements LSDSCR='F', sum of POPMST.MSNTCF for all UWS statements LSDSCR='P' OR 'N' leave blank
84	DSCR (NCF) at Contribution	LSDSCRCON	15	NUM	15,13	POPMST.MSNTCF/(MSDSAO+MSDSBO+MSDSCO)	If multiple properties display POPMST.MSNTCF/(MSDSAO+MSDSBO+MSDSCO) using the following additional computations. LSDSCR='C'. Use values from the consolidated UWS statement LSDSCR='F', sum the calculation from all UWS statements LSDSCR='P' OR 'N', Leave blank.

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields						
	Field Description **ALL CAPS – STRATEGY DESC.** **Title Case – CREFC Description**	**Name**	**Length**	**Type**	**Act Length**	**Strategy Field**	**Notes**
85	DSCR Indicator-Contribution	LSDSCR	1	CHAR	1	POPMST.MSDSCR	Where Financial Statement Purpose is Underwriting (POPMST.MSPURP='UWS'); If there are multiple properties and Financial Statements is Consolidated (MSCNSL = 'Y', display 'C'), If all properties have an Underwriting Statement, display 'F', If all properties, but not all, have an Underwriting Statement, display 'P', If none of the properties have a Underwriting Statement, display 'N'.
86	Loan Contrib Securitization	LSINVNAME	30	CHAR	30	PINVES.IVNAME	Investor number from PIRPXRLOAN.RNORIGINV used to retrieve from investor master
87	Credit Tenant Lease Y/N	LSCT	1	CHAR	1	PLEASEA.LSCT	Most recent PRROLL record associated with PLEASEA records. Default to 'N'. If one tenant record indicates at least one Credit Tenant 'Y' in LSCT, display 'Y'.
88	Fin Info Subm Penalties	LSFINPEN	1	CHAR	1	PMASTR5.CMFINPEN	PINFO CODE 'II'
89	Addtl Financing Indicator	LSAFINMEZD	1	NUM	1,0	PMASTR5.CMFININD	PINFO CODE 'IO'
90	Loan Structure	LSLOANSTR	2	CHAR	2	PMASTR5.CMLOANSTR	PINFO CODE 'IK'
91	Origination Date	LSOLD	10	DATE	10	PMASTR.CMOLD	
92	Orig Interest Only Term	LSIOPER	3	NUM	3,0	PMAST2.O5IOPER	

PIRPXLS – Loan Setup File – IRP Package 8.0 Report – S – 98 Fields							
	Field Description	**Name**	**Length**	**Type**	**Act Length**	**Strategy Field**	**Notes**
	ALL CAPS – STRATEGY DESC.						
	Title Case – CREFC Description						
93	Underwriting Indicator	LSUNDIND	1	CHAR	1	PMASTR5.CMUNDIND	
94	Serv Advance Methodology	LSADVMETH	2	NUM	2,0	Always '1'	
95	Valuation Source at Contrib	LSPURP	10	CHAR	10	PCAPPRAL2.A2MRVS	Oldest appraisal record
96	Investor #	LSINVNO	5	NUM	5,0	PINVES.IVI#	Usability field
97	Determination Date	LSDETDATE	10	DATE	10	PIRPXRW.WFDETD	Usability field
98	Loan Number	LSLOAN#	9	NUM	9,0	PIMST3.IML#	Usability field

Special Servicer Loan File

This report is prepared by the Special Servicer and delivered to the Master Servicer. The intent is to transfer data from the Special Servicer to the Master Servicer electronically in a standardized format. The Special Servicer Loan file does not contain financial statement fields. The assumption is that the Master Servicer performs the financial statement analysis. The Special Servicer Loan file is not sent to the Certificate Administrator.

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
1	Transaction ID	SSTRANSID	15	CHAR	15	PPSAIM.KGTRANSID	
2	Group Number	SSIMG#	9	CHAR	9	PIMST.IMG#	
3	Loan ID	SSL#	15	CHAR	15	PMASTR.CML#, PIRPXRLOAN.RNTRUSTEE, OR PIRPXRLOAN.RNMASTER	If the servicing role field PPSADIV.KISRROLL is equal to 'M' Master, or blank, then display strategy loan# PMASTR.CML#; otherwise, if the trustee number (PIRPXRLOAN.RNTRUSTE) is not blank in the reporting loan number file, display PIRPXRLOAN.RNTRUSTEE, if blank, then display the master number PIRPXRLOAN.RNMASTER.
4	Prospectus Loan ID	SSPLID	11	CHAR	11	PPSAIM.KGPLID	
5	Distribution Date	SSDTDIS	10	DATE	10,00	PPSADIV.KIDTDIS	
6	Maturity Date	SSMATD	10	DATE	10,00	PMASTR.CMMATD	
7	Liquidation/PrePay: Date	SSLIQPDAT	10	DATE	10,00	PMASTR.CMPAYO	
8	Liquidation/PrePay: Code	SSLIQPCOD	2	CHAR	2	PTRANS.CHLIQPPAY	When Transaction Type (PTRANS.CHTC) = '04' Loan Payoff or 'W2' – Debt Forgiveness, display Liquidation/Prepayment Code (PTRANS.CHLIQPPAY)
9	SS Total P&I Adv Outstanding	SSPIADV	17	NUM	17,02	PPSAIM.KGPRNADVO	
10	SS Total T&I Adv Outstanding	SSTIADV	17	NUM	17,02	PPSAIM.INSADVO + PPSAIM.KGTAXADVO	

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
PIRPXSSL – Special Servicer Loan File – IRP Package 8.0 Report – D – 92 Fields							
11	SS Other Exp Adv Outstanding	SSEXPADV	17	NUM	17,02	PPSAIM.KGFEEADVO + PPSAIM.KGPPAADVO	
12	EMPTY FIELD	SSEMPTY1	1	CHAR	1	Blank	
13	In Bankruptcy Y/N	SSINBNKTCY	1	CHAR	1	PMASTR3.CMINBNKTCY	
14	Foreclosure Start Date	SSFORECLDT	10	DATE	10,00	PCCOLLCRE.FORECLDT	
15	REO Date	SSREODATE	10	DATE	10,00	PCCOLLCRE.REODATE	
16	Bankruptcy Date	SSBNKFDT	10	DATE	10,00	PMASTR3.CMBNKFDT	
17	Net Proceeds on Liquidation	SSNETPLIQ	19	NUM	19,02	PMASTR3.CMNETPRRLQ	
18	Liquidation Expense	SSLIQEXP	19	NUM	19,02	PMASTR3.CMLIQDNEXP	
19	Realized Loss to Trust	SSREALLOSS	19	NUM	19,02	PTRANS.CHPA where CHTC = 'W2'	When Transaction Type (PTRANS.CHTC) = 'W2' – Debt Forgiveness, display amount of Transaction applied to Principal (PTRANS.CHPA)
20	Last Modification Date	SSLMPD	10	DATE	10,00	PIRPXHLMLL.HLLMLPD, or PMASTR.CMLMPD	If there is a value in Date of Last Modification in the Loan Modification File (PIRPXHLMLL.HLLLMPD) for this loan, use HLLLMPD, otherwise use Last Modification Date from Master file (PMASTR.CMLMPD).
21	Modification Code	SSMODCODE	2	CHAR	2	PIRPXHLMLL.HLLMODCODE or PMASTR3.CMMODCODE	If there is a Loan Modification record (PIRPXHLMLL) for this loan publish the Modification Code (PIRPXHLMLL.HLLMODCODE); if there is value in PMASTR3.CMMODCODE and it is '8' or '10' then display '98'
22	Modified Note Rate	SSMODNOTRT	16	NUM	16,15	PIRPXHLMLL.HLLMODNOTR or PMASTR3.CMMODNOTRT	If there is a Loan Modification record (PIRPXHLMLL) for this loan, publish the Modified Note Rate/100 if available

	PIRPXSSL – Special Servicer Loan File – IRP Package 8.0 Report – D – 92 Fields						
	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
							(PIRPXHLMLL.HLLMODNOTR/100), otherwise use Modified Note Rate from PMASTR3/100. (PMASTR3.CMMODNOTRT/100)
23	Modified Payment Amount	SSMODPMT	17	NUM	17,02	PIRPXHLMLL.HLLMODNOTR or PMASTR3.CMMODNOTRT	If there is a Loan Modification record (PIRPXHLMLL) for this loan, publish the Modified Payment Amount (PIRPXHLMLL.HLLMODPMT) otherwise use Modified Payment Rate from the PMASTR3 file (PMASTR3.CMMODPMT).
24	Most Recent Valuation Date	SSRCNTVDT	10	DATE	10,00	PCAPPRAL.APPRDATE	
25	Most Recent Valuation Source	SSMRVS	10	CHAR	10	PCAPPRAL2.A2MRVS	
26	Most Recent Value	SSRCNTVAL	17	NUM	17,02	PCAPPRAL.APAMT	
27	ARA Amount	SSARAAMT	17	NUM	17,02	PPSAIM.KGARAUC	
28	ARA Date	SSARADATE	10	DATE	10,00	PPSAIM.KGARASD or PPSAIM.KGARASSD	If the ARA Date/Strategy (PPSAIM.KGARASD) is blank use the ARA Special Srv Date (PPSAIM.KGARASSD).
29	Workout Strategy Code	SSWOSTRAT	2	CHAR	2	PMASTR3.CMWOSTRTCD	Workout Strategy Code
30	Most Recent SpSrv Transf Dte	SSRCNTTDT	10	DATE	10,00	PPSATFER.TRFETDT	
31	Date Expected to be Resolved	SSRESOLVDT	10	DATE	10,00	PCCOLLCRE.RESOLVEDT	
32	Date of Assumption	SSASSUMPDT	10	DATE	10,00	PASSUME.PADAS	
33	SS Accrued Unpaid Adv Int	SSACCRINT	17	NUM	17,02	PPSAIM.KGPRNCIOA + KGTAXCIOA + KGINSCIOA + KGFEECIOA + KGPPACIOA	Totals calculated Interest on Advances for P&I, Taxes, Insurance, Fees and Property Protection Advances from the Loan level Investor Security info file (PPSAIM)

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
	PIRPXSSL – Special Servicer Loan File – IRP Package 8.0 Report – D – 92 Fields						
34	Closing Extension Date	SSEXTDATE	10	DATE	10,00	PMASTR.CMLEPD	
35	Balance When Sent to SS	SSBALSENT	17	NUM	17,02	PPSATFER.TRBAL	
36	Balance Eff Dte Modification	SSBALMOD	17	NUM	17,02	PIRPXHLMLL.HLLBAFDM	
37	Old Note Rate	SSOLDNOTER	16	NUM	16,15	PIRPXHLMLL.HLLONRATE	
38	Number Months Rate Chg	SSMONTHSRC	5	NUM	9,00	PIRPXHLMLL.HLLNUMMRC	
39	Old P&I	SSOLDPI	17	NUM	17,02	PIRPXHLMLL.HLLOLDPI	
40	Old Maturity Date	SSMATDOLD	10	DATE	10,00	PIRPXHLMLL.HLLOMATDT	
41	Tot Months Chg of Mod	SSMONTHSCM	2	NUM	3,00	PIRPXHLMLL.HLLNUMMCM	
42	EMPTY FIELD	SSEMPTY2	1	CHAR	1	Blank	
43	Liquidation Sales Price	SSLIQSP	17	NUM	17,02	PMASTR4.CMSLQSP	
44	EMPTY FIELD	SSEMPTY3	1	CHAR	1	Blank	
45	Cumulative Adjustm to Loan	SSCUMADJL	17	NUM	17,02	Default to zero – no map for now	
46	EMPTY FIELD	SSEMPTY4	1	CHAR	1	Blank	
47	Comments 1 - DLSR/REO	SSCOMM1	255	CHAR	255	PMASTR4.CMCOMM1	
48	Comments 2	SSCOMM2	255	CHAR	255	PMASTR4.CMCOMM2	
49	Comments 3	SSCOMM3	255	CHAR	255	PMASTR4.CMCOMM2	
50	Comments 4	SSCOMM4	255	CHAR	255	PMASTR4.CMCOMM4	
51	Comments 5	SSCOMM5	255	CHAR	255	PMASTR4.CMCOMM5	
52	Comments 6	SSCOMM6	255	CHAR	255	PMASTR4.CMCOMM6	
53	Comments 7 - HLMFCLR	SSCOMM7	255	CHAR	255	PIRPXHLMLL.HLLCOMM7	
54	EMPTY FIELD	SSEMPTY5	1	CHAR	1	Blank	
55	Special Servicer Fee Rate	SSSSFR	15	NUM	15,13	PIOSTRP.KO1RATE if PIOSTRP.KOFEECD='SPC'	When the Fee stripped from Interest is defined as 'SPC' for Special Servicer

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
	PIRPXSSL – Special Servicer Loan File – IRP Package 8.0 Report – D – 92 Fields						
							(PIOSTRP.KOFEECD) use the Fee Rate (PIOSTRP.KO1RATE).
56	Special Serv Fee No Day-Year	SSSSRFNDY	17	NUM	17,02	PIOSTRP.KO1IBC	Using the Interest Basis Code defined in the PIOSTRP file where the fee is defined as 'SPC' (KOFEECD) for the fee. If (PIOSTRP.KO1IBC) code is: A60, use 360 A65, use 365 A66, use 365 B65, use 360 B66, then 360.
57	Special Serv Fee No Day-Mos.	SSSSRFNDM	17	NUM	17,02	Interest Basis Code/Number of days	Using the Interest Basis Code defined in the PIOSTRP file where the fee is defined as 'SPC' (KOFEECD) for the fee. If (PIOSTRP.KO1IBC) code is **A60** Days = 30 **A66** The number of calendar days in the month of the Last Determination Date (PPSADIV.KIPDTDET); if leap year and month is February, days = 29; **B66** The number of calendar days in the month of the Last Determination Date (PPSADIV.KIPDTDET); if leap year and month is February, days = 29; **A65** The number of calendar days in the month of the Last Determination Date (PPSADIV.KIPDTDET); if leap year and month is February, leap year is ignored and days = 28; **B65** The number of calendar days in the month of the Last

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
							Determination Date (PPSADIV.KIPDTDET); if leap year and month is February, leap year is ignored and days = 28; If Determination Date (PPSADIV>KIPDTDET) is null, then days = 0
58	Special Serv Fee Amt +Adj	SSFEEADJ	17	NUM	17,02	PINIM.LQIOCOLL	PINIM LQFEECD= ' SPC'
59	EMPTY FIELD	SSEMPTY7	1	CHAR	1	Blank	
60	EMPTY FIELD	SSEMPTY8	1	CHAR	1	Blank	
61	EMPTY FIELD	SSEMPTY9	1	CHAR	1	Blank	
62	EMPTY FIELD	SSEMPTY10	1	CHAR	1	Blank	
63	EMPTY FIELD	SSEMPTY11	1	CHAR	1	Blank	
64	Workout Fee Rate	SSWOFR	15	NUM	15,13	PIOSTRP.KO1RATE (KOFEECD = 'WFO')	When the Fee stripped from Interest is defined as 'Work Out' (PIOSTRP.KOFEECD='WFO') use the Fee Rate (PIOSTRP.KO1RATE).
65	Workout Fee Amount	SSWOFEE	17	NUM	17,02	PINIM.LQIOCOLL (LQFEECD = 'WFO')	When the Fee collected is defined as 'Work Out' (PINIM.FQFEECD='WFO') use the Amount Collected from (PINIM.LQIOCOLL).
66	EMPTY FIELD	SSEMPTY12	1	CHAR	1	Blank	
67	EMPTY FIELD	SSEMPTY13	1	CHAR	1	Blank	
68	EMPTY FIELD	SSEMPTY14	1	CHAR	1	Blank	
69	EMPTY FIELD	SSEMPTY15	1	CHAR	1	Blank	
70	Liquidation: Fee Proceeds	SSLQFPRO	17	ZONED	17,02	PMASTR4.CMSLQSP	
71	Liquidation Fee Rate	SSLQFRATE	15	ZONED	15,13	PIOSTRP.KO1RATE	When the Fee stripped from Interest is defined as 'Liquidation' (PIOSTRP.KOFEECD='LIQ') use

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
							the Fee Rate (PIOSTRP.KO1RATE).
72	Liquidation Fee Amount	SSLIQFEE	17	ZONED	17,02	PINIM.LQIOCOLL	When the Fee collected is defined as 'Liquidation' (PINIM.FQFEECD='LIQ') use the Amount Collected from (PINIM.LQIOCOLL).
73	Most Recent: MastServ Rtn Dte	SSRCNTRDT	10	DATE	10,00	PPSATFER.TRFRTDT	Use the most recent transfer record where there is a return transfer date (PPSATFER.TRFRTDT)
74	Amt Due Servicers Trustees	SSSRVTRAMT	17	NUM	17,02		Default to zero – no map for now
75	Amt Held Back Future Paymnt	SSAMTHBFP	17	NUM	17,02	PMASTR5.CMAMTHBFP	
76	Accrued Interest	SSACCINT	17	NUM	17,02		Default to zero – no map for now
77	Addtl Trust Fund Expense	SSADDLTFE	17	NUM	17,02		Default to zero – no map for now
78	Curr Period Adj Loan-Princpl	SSCURPADJ	17	NUM	17,02		Default to zero – no map for now
79	Date Curr Per Adj to Loan	SSCURPADT	10	DATE	10,00		PINVES.IVDSTRDT if SSCURPADJ not zero – if SSCURPADJ is defaulted to zero the system will not look to Distribution Date ever.
80	Other Shortfalls/Refunds	SSOTHSREF	17	NUM	17,02	PMASTR5.CMOTSR	
81	Curr Period Adj Loan-Other	SSPERADJ	17	NUM	17,02		Not populated at this time (zero)
82	Modification Execution Date	SSMODEXDT	10	DATE	10,00	PIRPXHLMLL.HLLMODEXDT or PMASTR5.CMMODEXDT	If there is a Loan Modification record for this loan, use the Modification Execution Date (PIRPXHLMLL.HLLMODEXDT), otherwise use the Modification Execution Date (CMMODEXDT) from PMASTR5.
83	Asset Subj to Demand Y/N	SSDEMYN	1	CHAR	1	PMASTR5.CMASUBDMD	If the Status Asset Subject to Demand field in PMASTR5

PIRPXSSL – Special Servicer Loan File – IRP Package 8.0 Report – D – 92 Fields

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
							(PMASTR5.CMASUBDMD) is blank, then 'N', otherwise 'Y'.
84	Asset Subj Demand Status	SSDEMSTA	1	CHAR	1	PMASTR5.CMASUBDMD	
85	Demand Resolution Date	SSDEMRDT	10	DATE	10,00	PMASTR5.CMDRD	
86	Repurchase or Replacmnt Code	SSRPRRPL	2	CHAR	2	PMASTR5.CMRPRPRCD	Repurchase/Replacement Reason code.
87	Repurchase Amount	SSRPURAMT	17	NUM	17,02	PMASTR5.CMRAMT	
88	Post Modificatn Amort Period	SSMODAMRTP	2	NUM	3,00	PMASTR5.CMPMAP	
89	Disclosable SS Fees	SSDSSFEES	17	NUM	17,02	PMASTR5.CMDSSF	Disclosable Special Servicer Fee
90	Investor Number	SSINVN	3	NUM	5,00	PINVES.IVI#	Strategy's Investor Number
91	Determination Date	SSDETD	10	DATE	10,00	PIRPXRW.WFDETD	Determination Date
92	CS Loan Number	SSCSL#	9	NUM	9,00	PIMST3.IML# s	Strategy Loan Number

Special Servicer Property File

The Special Servicer Property file is also prepared by the Special Servicer and sent to the Master Servicer. Its primary purpose of the Special Servicer Property file is to report on properties security a specially serviced loan detailing the liquidation or defeasance of these properties. Like the Special Servicer Loan file, the Property file does not include financial information, nor is it sent to the Certificate Administrator.

	PIRPXSSP – Special Servicer Property File – IRP Package 8.0 Report -DP – 23 Fields						
	Field Description **ALL CAPS – STRATEGY DESCRIPTION** **Title Case – CREFC Definition**	**Name**	**Length**	**Type**	**Act Length**	**Strategy Field**	**Notes**
1	Transaction ID	SPTRANSID	15	CHAR	15	PPSAIM.KGTRANSID	
2	Loan ID	SPL#	15	CHAR	15	PMASTR.CML#, PIRPXRLOAN.RNTRUSTEE, OR PIRPXRLOAN.RNMASTER	If the servicing role field PPSADIV.KISRROLL is equal to 'M' Master, or blank, then display strategy loan# PMASTR.CML#; otherwise, if the trustee number (PIRPXRLOAN.RNTRUSTE) is not blank in the reporting loan number file, display PIRPXRLOAN.RNTRUSTEE, if blank, then display the master number PIRPXRLOAN.RNMASTER.
3	Prospectus Loan ID	SPPLID	11	CHAR	11	PPSAIM.KGPLID	
4	Property ID	SPPROPID	20	CHAR	20	PPSAPROP.XSPROPID	
5	Distribution Date	SPDTDIS	10	DATE	10,00	PPSADIV.KIDTDIS	
6	Cross Collateral Group	SPCOLLGRP	20	CHAR	20	PCCOLLCRE.XCOLLGRP	First property on loan
7	Property Name	SPIRPNAME	100	CHAR	100	'Defeased', PPSAPROP.XSIRPNAME or PCCOLLCRE.PQNAME	If the property is defeased, name is 'Defeased'. If not defeased, name is PPSAPROP.XSIRPNAME. If PPSAPROP.XSIRPNAME is blank, use name from collateral file PCCOLLCRE.PQNAME
8	Date Asset Exp Resolv/Forecl	SPRESOLVDT	10	DATE	10,00	PCCOLLCRE.RESOLVEDT	
9	Date of Last Inspection	SPLIDD	10	DATE	10,00	PINSPA.INLIDD.	Blank if defeased

PIRPXSSP – Special Servicer Property File – IRP Package 8.0 Report -DP – 23 Fields

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
10	Deferred Maintenance Y/N	SPDEFM	1	CHAR	1	PINDTLA.IIMAJD	For the most recent inspection detail, if the actual completion date (PINDTLA.IICDAT) is blank and major deferred (PINDTLA.IIMAJD) is 'Y', SPDEFM = 'Y', otherwise SPDEFM='N'. Blank if defeased.
11	Foreclosure Start Date	SPFORECLDT	10	DATE	10,00	PCCOLLCRE.FORECLDT	
12	Most Recent Valuation Date	SPAPDT	10	DATE	10,00	PCAPPRAL.APPRDATE.	Blank if defeased.
13	Most Recent Valuation Source	SPMRVS	10	CHAR	10	PCAPPRAL2.A2MRVS.	CMBS Most Recent Value Source (BPO) Broker's Price Opinion (MAI) Certified MAI Appraisal (Non-MAI) Non-Certified MAI Appraisal (MS) Master Servicer Estimate (SS) SS Estimate (98) Other Blank if defeased.
14	Most Recent Value	SPAPAMT	19	NUM	19,02	PCAPPRAL.APAMT.	Blank if defeased.
15	Property Condition	SPPCC	5	CHAR	5	For the most recent inspection record, PINSPA.INPCC . Blank if defeased.	If Overall Condition is" 'E', display - '1' '1', display - '1' ;G' display - '2' '2', display - '2' 'F' display - '3' '3' display - '3' 'P' display - '4' '4' display - '4' '5' display - '5'
16	Property Status	SPPROPSTAT	1	CHAR	1	PPROP.PQPROPSTAT or PIRPXXLATE.XLTRCODE	If there is a value in PPROP.PQPROPSTAT, look to the Report Translation widget to locate

	Field Description ALL CAPS – STRATEGY DESCRIPTION Title Case – CREFC Definition	Name	Length	Type	Act Length	Strategy Field	Notes
PIRPXSSP – Special Servicer Property File – IRP Package 8.0 Report -DP – 23 Fields							
							code from PIRPXXLATE.XLTRCODE. Valid entries 1 – In foreclosure 2 – REO 3 – Defeased 4 – Partial Release/Release 5 – Substituted 6 – Same as at Contribution
17	REO Date	SPREODATE	10	DATE	10,00	PCCOLLCRE.REODATE	
18	Property Status Change Date	SPLSPRDTAC	10	DATE	10,00	PPROP.PQLSPRDTAC, PIMST.IMSETL, or PPSADIV.KISECDT	If PQLSPRDTAC is blank, use PIMST.IMSETL, if IMSETL is blank, use PPSADIV.KISECDT.
19	Investor Number	SPINVN	3	NUM	5,00	PINVES.IVI#	Usability field
20	Determination Date	SPDETD	10	DATE	10,00	PIRPXRW.WFDETD	Usability field
21	CS Loan Number	SPCSL#	9	NUM	9,00	PIMST3.IML#	Usability field
22	IRP PROSUP Ext	SPIRPROEXT	10	CHAR	10	PPSAPROP.XSIRPROEXT	Usability field
23	Collateral ID	SPFKEY1	4	NUM	9,00	PPROP.PQFKEY1	Usability field

PIRPXQR – Freddie Mac Q Remittance File Type - 07 - 46 Fields

The following report was added to report remittances on Freddie Mac Q deals.

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
1	TRANSACTION ID	R386ABC	15	CHAR	15	PPSAIM.KGTRANSID	Entered at the Investor Vendor on the Deal record and trickles down to Investor Master/Loan
2	DISTRIBUTION DATE	R110ABC	10	DATE	10,00	PPSAIM.KGDTDIS	
3	SUB SERVICER ID	R414ABC	2	CHAR	2	Manually Entered	
4	MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.
5	LOAN NUMBER Sub Servicer Loan Number	R161ABC	9	ZONED	9,00	PIRPXRLOAN.RNPRISUB OR PIRPXRLOAN.RNSUBSUB	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.
6	PROSPECTUS LOAN ID	R293ABC	40	CHAR	40	PPSAIM.KGPLID	Entered in the Investor Master record at Loan Level
7	SCHEDULED DUE DATE	R459ABC	10	DATE	10,00	PIREM.IRBTD	Select the Investor Remittance Billing / Tran Date within in the Period between the Prior Determination Date + 1 day and the Determination Date,

PIRPXQR - Remittance Format - 07 - 47 Fields

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
8	BEGIN SCHEDULED BAL Current Beginning Scheduled Balance	R076ABC	17	ZONED	17,02	PIREM.IRBSB	Displays the beginning scheduled balance from the current Investor Remittance record
9	END SCHEDULED BAL Current Ending Scheduled Balance	R079ABC	17	ZONED	17,02	PIREM.IRESB or 0	Displays the ending scheduled balance from the current Investor Remittance record unless there is a Payoff Date in the Loan Master record (PMASTR.CMPAYO)
10	PAID THROUGH DATE	R246ABC	10	DATE	10,00	PMASTR3.CMLPIDT	Displayed on the Analysis & Reporting Info tab in Loan Administration (Analysis & Report (1))
11	CURRENT NOTE RATE	R085ABC	15	ZONED	15,13	PIREM.IRRATE	Display the Investor Gross Interest Rate using the PIREM file where the Transaction Date is within the period of the prior Determination Date +1 day to the current Determination Date (PIREM.IRBTD), the Transaction Code is Reg. Payment (PIREM.IRTC=02) and Record Seq# is 01 (PIREM.IRSEQ#)

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
12	SUB SERVICE FEE RATE Sub-Servicer Fee Rate %	R462ABC	15	ZONED	15,13	PIOSTRP.KO1RATE or PIREM.IRSFR	For the appropriate IREM record, Select all active fees (PIOSTRP.KOSTATUS = ACTIVE and defined as service fees (PIOSTRP.KOFEECD -= 'SUB', 'PRI' or 'MST') which are stripped from interest (PIOSTRP.KOSRCE = '2') and display the amount (PIOSTRP.KO1RATE. If = zero, use the servicer fee rate from the associated Investor Remittance file (PIREM.IRSFR).
13	SCHEDULED PRINCIPAL A Scheduled Principal Amount	R342ABC	17	ZONED	17,02	PIREM.IRP$D2	If the loan paid off prior to the current determination date (PMASTR.CMPAYO < PPSAIM.KGDTDET) the field value will be 0, otherwise display the Principal Due using the PIREM record where the Transaction Date (PIREM.IRBTD) is within the period of the prior Determination Date +1 day to the current Determination Date, the Transaction Code is Reg. Payment (PIREM.IRTC =02) and Record Seq# is 01 (PIREM.IRSEQ#). If amount is negative display 0

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
14	SCHEDULED INTEREST AM Scheduled Interest Amount	R341ABC	17	ZONED	17,02	PIREM.IRI$D	If the loan paid off prior to the current determination date (PMASTR.CMPAYO < PPSAIM.KGDTDET) the field value will be 0, otherwise display the Investor Gross Interest Due using the PIREM file where the Transaction Date (PIREM.IRBTD) is within the period of the prior Determination Date +1 day to the current Determination Date, the Transaction Code is Reg. Payment (PIREM.IRTC =2) and Record Seq# is 01 (PIREM.IRSEQ#)
15	TOTAL SCHEDULED P&I D Total Scheduled P&I Due	R384ABC	17	ZONED	17,02	Calculated R342ABC + R341ABC	Sum of Scheduled Principal Amount and Scheduled Interest Amount

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
16	SCHED SUB-SRV FEE Scheduled Sub Servicer Fee Amount	R463ABC	17	ZONED	17,02	Calculate	Select from the Investor Fee file (PINIM) all records within the Period (LQBTD) is within the period between the Prior Determination Date +1 and the Determination Date with a fee code of "PRI" (LQFEECD). Show the fee amount LQIOAMT. If zero or not found, Select Service Fee Rate (IRSFR) from the PIREM file where the Bill Tran Date (IRBTD) is in the period and the Record Seq# is 1 (IRSEQ#). Use Service Fee Rate to calculate Service Fee.
17	SCHED ADDL SUB-SUB FE Scheduled Additional Sub-Sub Fee Amount	R464ABC	17	ZONED	17,02		Select from the Investor Fee file (PINIM) all records within the Period (LQBTD) is within the period between the Prior Determination Date +1 and the Determination Date with a fee code of "SUB" (LQFEECD). Show the fee amount LQIOAMT. If zero or not found, Select Service Fee Rate (IRSFR) from the PIREM file where the Bill Tran Date (IRBTD) is in the period and the Record Seq# is 1 (IRSEQ#). Use Service Fee Rate to calculate Service Fee.

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
18	NEGAM DEFERRED INTERE Negative Amortization/Deferred Interest Capitalized Amount	R202ABC	17	ZONED	17,02	PIREM.IRP$D2	If the loan paid off prior to the current determination date (PMASTR.CMPAYO < PPSAIM.KGDTDET) the field value will be 0, otherwise using the PIREM file where the Transaction Date (PIREM.IRBTD) is within the period of the prior Determination Date +1 day to the current Determination Date, the Transaction Code is Reg. Payment (PIREM.IRTC =2) and Record Seq# is 01 (PIREM.IRSEQ#) display a Scheduled Principal Due amount that is negative and if the Transaction Code is Dial Capitalization or Dial Recapture Capitalization (Y1 or Y2) display the Schedule Principal Due times -1.

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
19	UNSCHEDULED PRINC COL Unscheduled Principal Collected	R391ABC	17	ZONED	17,02	Calculated	Calculate the Principal Collected (PIREM.IRI$C) using the PIREM record where the Transaction Date (PIREM.IRBTD) is within the period of the Prior Determination Date +1 day to the current Determination Date, the Transaction Code is a Payoff or Principal Curtailment (PIREM.IRTC =04 or 08) Then find all records for the period that are Reg. Payments (PIREM.IRTC =2) and Record Seq# is 01 (PIREM.IRSEQ#) that have a Principal Collected of Zero (PIREM.IRP$C = 0). Sum the Principal Due (PIREM.IRP$D2) for the unpaid transactions and subtract that from the Principal Collected obtained from Curtailments and Payoffs for a net amount.
20	OTHER PRINCIPAL ADJUS Other Principal Adjustments	R245ABC	17	ZONED	17,02	Calculated [R076ABC – (R342ABC + R391ABC + R079ABC)]	Beginning Scheduled Balance less Scheduled Principal Amount less Unscheduled Principal Collected less Ending Schedule Balance.

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
21	OTHER INTEREST ADJUST Other Interest Adjustments	R243ABC	17	ZONED	17,02	Calculated	If the Net Interest Collected > 0 then adjustments are equal to the Schedule Gross Interest – Net Interest Collected – Sub Servicing Fees – Result should be 0. If R404ABC > 0 then R341ABC – R404ABC – (R465ABC+R466ABC)
22	LIQUIDATION PREPAYMEN Liquidation/Prepayment Date	R159ABC	10	DATE	10,00	PMASTR.CMPAYO	Display the payoff date from the PMASTR file.
23	PREPMT YIELD MAINT RE Prepayment Premium/Yield Maintenance (YM) Received	R279ABC	17	ZONED	17,02	PTRANS.CHINT	Select from the Transaction file for records with Transaction type (PTRANS.CHTC) of '59' (Interest Payments) and a Sundry Transaction Type (CHSUBC) of YM or PP – (for Yield Maintenance or Prepayment) that occurred when the Transaction Date (PTRANSTRG.CHTRND) is within the period of the prior Determination Date +1 day to the current Determination Date. If found the Interest Amount is used.

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
24	PREPMT INTEREST EXCES Prepayment Interest Excess (Shortfall) [different than what published in lpu file field 31]	R274ABC	17	ZONED	17,02		Using the PIREM record where the Transaction Date (PIREM.IRBTD) is within the period of the prior Determination Date +1 day to the current Determination Date, the Transaction Code is Payoff (PIREM.IRTC =04) and Record Seq# is 01 display any Gross Interest Collected (PIREM.IRI$C) plus the difference between and Interest Collected (PIREM.IRI$C) and Interest Due (PIREM.IRI$D) on any Regular Payment (PIREM.IRTC =02) in the same period.
25	LIQUIDATION PREPAYMEN Liquidation/Prepayment Code	R158ABC	2	ZONED	2,00	PTRANS.CHLIQPPAY	If there is a value in the Payoff Date in PMASTR.CMPAYO, find the associated record in PTRANS and display the Liquidation Prepayment code in the record.
26	TOTAL T&I ADV OUTSTAN Total T&I Advance Outstanding	R385ABC	17	ZONED	17,02	PPSAIM.KGINSADVR + PPSAIM.KGTAXADVR	T&I Advances reported is displayed in the Investor Processing module, Investor Master tab, Balances.
27	TRANSACTION EFFECTIVE Transaction Effective Date	R421ABC	10	DATE	10,00	PIREM.IREBD	Displays the Effective Back date from the current PIREM record.

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
28	PRINCIPAL RECEIVED	R411ABC	17	ZONED	17,02	PIREM.IRP$C	Select the Principal Amount Collected for any regular payments, payoffs or principal curtailments for the loan and investor from the Investor Remittance with the Investor Remittance Bill/Trans Date (PIREM.IRBTD) within the period and the Tran Code (IREM.IRTC) equal to '02' with a Seq# of 02 (PIREM.IRSEQ#) and from any records with a Tran Code of '04' or '08' and a Seq# of 01. [Period is equal to the Prior Determination Date + 1 day to the Determination Date.]

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
29	INT RECEIVED GROSS Interest Received Gross	R412ABC	17	ZONED	17,02	PIREM.IRI$C	Display the Investor Gross Interest using the PIREM file where the Transaction Date (PIREM.IRBTD) is within the period of the prior Determination Date +1 day to the current Determination Date, the Transaction Code is Reg. Payment or Loan Payoff (PIREM.IRTC =2 or 4) and Record Seq# is 02 (PIREM.IRSEQ#). Value provided would be the sum of the interest collected for the applicable records. If amount is zero value will be zero.
30	ACTUAL SUB-SERVICER F Actual Sub Servicer Fee Paid	R465ABC	17	ZONED	17,02	Calculate	Select from the Investor Fee file (PINIM) all records within the Period (LQBTD) is within the period between the Prior Determination Date +1 and the Determination Date with a fee code of "PRI" (LQFEECD). Show the fee amount LQIOCOLL. If zero or not found, Select Service Fee (IRSFEE) from the PIREM file where the Bill Tran Date (IRBTD) is in the period and the Record Seq# is 1 (IRSEQ#).

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
31	ADDL SUB-SUB FEE PAID	R466ABC	17	ZONED	17,02	Calculate	Select from the Investor Fee file (PINIM) all records within the Period (LQBTD) is within the period between the Prior Determination Date +1 and the Determination Date with a fee code of "SUB" (LQFEECD). Show the fee amount LQIOCOLL.
32	NET INTEREST REC'D Net Interest Collected	R404ABC	17	ZONED	17,02	PIREM.IRNIR	Select the Net Interest Remitted for the loan and investor from the Investor Remittance with the Investor Remittance Bill/Trans Date (PIREM.IRBTD) within the period and the Tran Code (IREM.IRTC) equal to '02' with a Seq# of 2 (PIREM.IRSEQ#). If amount is negative display 0. [Period is equal to the Prior Determination Date + 1 day to the Determination Date.]

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
33	LATE CHARGES	R409ABC	17	ZONED	17,02	Calculated using (PIREM.IRLC$C – PIREM.IRSLC) for all applicable records.	Review all PIREM records where the Bill/Transaction Date (PIREM.IRBTD) is in the Period between the Prior Determination Date + 1 day and the Determination Date, find all PIREM records in the period for this loan where the late charges are collected and determine the net late charge collected as Late Charge Collected less Servicer's Late Charge Amt (PIREM.IRLC$C – PIREM.IRSLC) Sum for all applicable records.
34	DEFAULT INTEREST	R410ABC	17	ZONED	17,02	PMISCA.MQAMT	Review all PMISCA records where the Cash Transaction Date (PMISCA.MQTRDT) is in the Period between the Prior Determination Date + 1 day and the Determination Date, and where the code (PMISCA.MQCODE) is 007. Sum the amounts for the loan and multiply by the Investor's % (PIMST.IMPP).
35	ARD INT AND DEFERRED INT	R204ABC	17	ZONED	17,02	BLANK	

PIRPXQR - Remittance Format - 07 - 47 Fields

Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
						In the Investor Remittance Misc. Amounts file, find Misc Amounts transactions within the reporting period where the Misc Amounts code is translated to the appropriate Fee code in the Reporting Translation widget. Display the sum of the Misc. Amts for those transactions.

PIREMMA.IRBTD in period

PIREMMA.IRTRC = 52 (Misc Amts)

PIREMMA.IRMCOD = PINFO – C2 AND SELECTED SIFCD IS ASSOCIATED WITH PIRPXXLATE XLTRCODE = 100 (WHERE PIRPXXLATE.XLSIFTID = (C2)) translated to values in the Reporting Translation widget. |
| **36** ASSUMPTION FEES PAID | R422ABC | 17 | ZONED | 17,02 | PIREMMA.IRMA$C | |

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
							In the Investor Remittance Misc. Amounts file, find Misc Amounts transactions within the reporting period where the Misc Amounts code is translated to the appropriate Fee code in the Reporting Translation widget. Display the sum of the Misc. Amts for those transactions.
							PIREMMA.IRBTD in period
							PIREMMA.IRTRC = 52 (Misc Amts)
							PIREMMA.IRMCOD = PINFO – C2 AND SELECTED SIFCD IS ASSOCIATED WITH PIRPXXLATE XLTRCODE = 200 (WHERE PIRPXXLATE.XLSIFTID = (C2)) translated to values in the
37	ADDITIONAL FEES PAID	R423ABC	17	ZONED	17,02	PIREMMA.IRMA$C	Reporting Translation widget.

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
38	REMITTANCE AMOUNT RPT Remittance Amount Reported	R408ABC	17	ZONED	17,02	Calculated from fields on the report R411ABC + R404ABC + R409ABC + R410ABC + R422ABC + R423ABC	Actual Principal received + Actual (Net) Interest received + Late Charges received + Default Interest + Assumption Fees + Additional Fees
39	ACTUAL BALANCE	R003ABC	17	ZONED	17,02	PMASTR.CMPBAL	Actual balance from Loan Admin
40	TOTAL RESERVE BALANCE	R383ABC	17	ZONED	17,02	PRBL.RBBAL summed for all qualifying Reserve records associated with the loan.	For each record in the POESC file with an Escrow Type of 3, display the Translated Code for Insurance Type. Reporting Translation widget allows users to associate CREFC Reserve Types to existing PINFO Types. If there is not a translation for the Reserve/Insurance Type (POESC.SOTYPE) the record should be excluded from the report. [PRBL.RBLN = POESC.SOLN and RBESC = SOSES and RBRSV = SOSEQ. Display sum RBBAL that are associated with loan]

PIRPXQR - Remittance Format - 07 - 47 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
41	PAYMENT STATUS OF LOA Payment Status of Loan	R249ABC	1	CHAR	1	PMASTR.CMPSTA	Using Strategy's Payment Status code, the report translates to the appropriate CREFC Code as noted in the Delinquent Loan Status section of this document.
42	MATURITY DATE	R167ABC	10	DATE	10,00	PMASTRTRG.CMMATD	Maturity Date from the Master File.
43	COMMENT	R424ABC	80	CHAR	80		Manually entered.
46	INVESTOR NUMBER	R426ABC	5	ZONED	5,00	PPSAIM.KGINVN	Usability Field
47	DETERMINATION END DAT Determination Date	R440ABC	10	DATE	10,00	PPSAIM.KGDTDET	Usability Field

Report Changes found in Release 20

In addition to the new files, there were a number of field format changes and additions implemented on the reports. The changes are noted below by report.

Comparative Financial Status

	PIRPXCFS - Comparative Financial Status – IRP Package 8.0 Report – C – 40 Fields – File is created at the Financial Statement/Property level						
	Field Description **ALL CAPS – STRATEGY DESC.** **Title Case – CREFC Description**	**Name**	**Length**	**Type**	**Act Length**	**Strategy Field**	**Notes**
1	TRANSACTION ID	TRANSID	15	CHAR	15	PPSAIM.KGTRANSID	Entered at the Investor Vendor on the Deal record and trickles down to Investor Master/Loan
2	**LOAN ID**	**LOANID**	15	CHAR	15	**PMASTR.CML# OR PIRPXRLOAN.RNMASTER**	**If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or is blank use the Strategy Loan #. If the value in the Servicing Role is anything else, use the Master Servicer Loan number from the IRP Loan file (entered via the IRP Loan reporting widget). Default value is CML# from PMASTR.**

Remittance Servicer Format 1

PIRPXCR01 - Remittance Format - 01 - 22 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
1	MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.

Remittance Servicer Format 2

PIRPXCR02 - Remittance Format - 02 - 46 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
2	MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.

Remittance Servicer Format 3

PIRPXCR03 - Remittance Format - 03 - 18 Fields

	Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
1	MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.

Remittance Servicer Format 4

PIRPXCR05 - Remittance Format - 05 - 44 Fields						
Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
2 MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.

Remittance Servicer Format 5

PIRPXCR05 - Remittance Format - 05 - 44 Fields						
Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
2 MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.

Remittance Servicer Format 6

PIRPXCR06 - Remittance Format - 06 - 20 Fields						
Field Description	Name	Length	Type	Act Length	Strategy Field	Notes
1 MASTER SERVICER LOAN	R403ABC	15	CHAR	15	PIRPXRLOAN.RNMASTER	Ability to record loan numbers for Master and other servicers is provided in the IRP Loan Reporting widget.

Financial

PIRPXFIN - Financial File – IRP Package 8.0 Report – F -							
	Field Description **ALL CAPS – STRATEGY DESC.** **Title Case – CREFC Description**	**Name**	**Length**	**Type**	**Act** **Length**	**Strategy Fields**	**Notes**
2	**LOAN ID**	**LOANID**	**15**	**CHAR**	**15**	**PMASTR.CML# or** **PIRPXRLOAN.RNMASTER**	**If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or blank use the Strategy Loan # if the value in the Servicing Role is anything else use the Loan number from the IRP Loan file (entered via the IRP Loan Reporting widget). Default value is CML# from PMASTR.**

Historical Loan Modification

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
	PIRPXHLM - Historical Loan Modification File – IRP Package 8.0 Report – M – 28 Fields						
3	**LOAN NUMBER** Loan ID	HLL#	15	CHAR	15	PMASTR.CML# or PIRPXRLOAN.RNMASTER	**If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or is blank use the Strategy Loan #. If the value in the Servicing Role is anything else, use the Master Servicer Loan number from the IRP Loan file (entered via the IRP Loan reporting widget). Default value is CML# from PMASTR.**
22	COMMENTS	HLCOMM7	255	CHAR	255	PIRPXHLMLL.HLCOMM7	Displays comments entered in Loan Modification widget. CREFC intent is to capture actions taken to correct.

Delinquent Loan Status

PIRPXLDS - Loan Delinquent Status File – IRP Package 8.0 Report – D – 36 Fields						
Field Description **ALL CAPS – STRATEGY DESC.** **Title Case – CREFC Description**	**Name**	**Length**	**Type**	**Act** **Length**	**Strategy Field**	**Notes**
3 **LOAN NUMBER** Loan ID	DSL#	15	CHAR	15	PMASTR.CML# or PIRPXRLOAN.RNMASTER	**If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or is blank use the Strategy Loan #. If the value in the Servicing Role is anything else, use the Master Servicer Loan number from the IRP Loan file (entered via the IRP Loan reporting widget). Default value is CML# from PMASTR.**
14 TAX ADVANCES OUSTANDI Total T&I Advance Outstanding **Correct report order is Tax Advances before Fee Advances.**	DSTAXADVO	17	ZONED	17,02	PPSAIM.KGINSADVR + KGTAXADVR	T&I Advances reported is displayed in the Investor Processing module, Investor Master tab, Balances.
15 FEE ADVANCES OUSTANDI Other Expense Total Outstanding	DSFEEADVO	17	ZONED	17,02	PPSAIM.KGFEEADVR + PPSAIM.KGPPAADVR	Sums the Fees and PPA advances displayed in the Investor Processing module, Investor Master tab, Balances

Loan Level Reserve LOC

PIRPXLLR - Loan Level Reserve/LOC File – IRP Package 8.0 Report – V – 19 Fields – Reserve / LOC level records							
	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
3	LOAN NUMBER Loan ID	LLL#	15	CHAR	15	PMASTR.CML# OR PIRPXRLOAN.RNMASTER	If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or is blank use the Strategy Loan #. If the value in the Servicing Role is anything else, use the Master Servicer Loan number from the IRP Loan file (entered via the IRP Loan reporting widget). Default value is CML# from PMASTR.

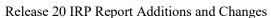| PIRPXLLR - Loan Level Reserve/LOC File – IRP Package 8.0 Report – V – 19 Fields – Reserve / LOC level records							
	Field Description **ALL CAPS – STRATEGY DESC.** **Title Case – CREFC Description**	**Name**	**Length**	**Type**	**Act Length**	**Strategy Field**	**Notes**
8	RESERVE ACCOUNT TYPE	LLTYPE	3	CHAR	3	PIRPXXLAT.XLTRCODE where POESC.SOSES = 3 AND SOTYPE = PIRPXXLAT.XLSIFCD PCREDIT.CIACIN = 'Y'	For each record in the POESC file with an Escrow Type of 3, display the Translated Code for Insurance Type. Reporting Translation widget allows users to associate CREFC Reserve Types to existing PINFO Types. If there is not a translation for the Reserve/Insurance Type the record should be excluded from the report. If there is an active LOC record in the Credit file include a record Reserve Type = 12
9	RSV BAL@CONTRIBUTION Reserve Balance at Contribution	LLGRP	15	ZONED	15,02	PRBL.RBBLCNTRB LOC PCREDIT.CIOAMT	New field on the Reserve Balance window to capture Balance at Contribution. If there is an active LOC record display the Original Amount

PIRPXLLR - Loan Level Reserve/LOC File – IRP Package 8.0 Report – V – 19 Fields – Reserve / LOC level records

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
13	ENDING RSV BALANCE Ending Reserve Balance	LLERB	15	ZONED	15,02	PRBL.RBBAL LOC PCREDIT.C1RAMT	Balance is displayed from the Reserve Balance record for the appropriate loan, and reserve sequence. If there is an active LOC record display the Remaining Amount.

Totals have been added to the report for the following fields.
Reserve Balance @ Contribution(9), Beginning Reserve Balance (10), Reserve Deposits (11), Reserve Disbursements (12), Ending Reserve Balance (13)

Loan Periodic Update

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
3	**LOAN ID**	LPL#	15	CHAR	15	**PMASTR.CML# or** **PIRPXRLOAN.RNMASTER**	**If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or blank use the Strategy Loan # if the value in the Servicing Role is anything else use the Loan Master Servicer Loan number from the IRP Loan file (entered via the IRP Loan Reporting widget). Default value is CML# from PMASTR.**
56	PRECEDING FISCAL YR D Preceding Fiscal Year DSCR (NOI)	LPPREYRDSC	17	ZONED	17,2	From POPMST MSNOI/ (MSDSAO + MSDSBO + MSDSCO) or POPMST.MSDSCR	NOI divided by the Sum of the Debt Service Amount for A, B & C Notes for the most recent fiscal year-end financial statement. If multiple properties sum the NOI for all properties and then divide by the sum of the debt service amount for all notes for all properties. If missing property level info or received consolidated populate using the DSCR Indicator Code

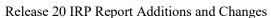|	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
63	PRECEDING FISCAL YR D Second Preceding Fiscal Year DSCR (NOI)	LPPREYRDS2	17	ZONED	17,2	From POPMST MSNOI/ (MSDSAO + MSDSBO + MSDSCO) or POPMST.MSDSCR	NOI divided by the Sum of the Debt Service Amount for A, B & C Notes from the financial statement with the end date (MSENDT) of the first consecutive year end prior to the preceding fiscal year end. If missing property level info or received consolidated populate using the DSCR Indicator Code.
70	MOST RECENT DSCR	LPRCNTDSC	17	ZONED	17,2	From POPMST MSNOI/ (MSDSAO + MSDSBO + MSDSCO) or POPMST.MSDSCR	NOI divided by the Sum of the Debt Service Amount for A, B & C Notes from financial statement with the most recent end date (MSENDT). If missing property level info or received consolidated populate using the DSCR Indicator Code.

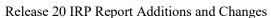|	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
93	PRECEDING FISCAL YEAR Preceding Fiscal Year DSCR (NCF)	LPPREDSCR	17	ZONED	17,2	Sum POPMST.MSNTCF for all properties And divide by Sum of all A, B & C notes for all properties (POPMST.MSDSAO + POPMST.MSDSBO + POPMST.MSDSCO) Or *POPMST.MSDSCR	Using the values from the operating statement with the most recent fiscal year end date (MSENDT). If multiple properties exist and the related data is comparable, calculate the DSCR of the underlying properties. * If multiple properties exist and comparable data is not available for all properties display the value in DSCR Indicator field found on the Financial Statement New Entry screen.
95	PRECEDING FISCAL YEAR Second Preceding Fiscal Year DSCR (NCF)	LPPREDSCR2	17	ZONED	17,2	Sum POPMST.MSNTCF for all properties And divide by Sum of all A, B & C notes for all properties (POPMST.MSDSAO + POPMST.MSDSBO + POPMST.MSDSCO) Or *POPMST.MSDSCR	Using the values from the operating statement with the first consecutive year end prior to the preceding fiscal year end date (MSENDT). If multiple properties exist and the related data is comparable, calculate the DSCR of the underlying properties. * If multiple properties exist and comparable data is not available for all properties display the value in DSCR Indicator field found on the Financial Statement New Entry screen.

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
97	MOST RECENT DSCR Most Recent DSCR (NCF)	LPRCNTDSCA	17	ZONED	17,2	Sum POPMST.MSNTCF for all properties And divide by Sum of all A, B & C notes for all properties (POPMST.MSDSAO + POPMST.MSDSBO + POPMST.MSDSCO) Or *POPMST.MSDSCR	Value from the operating statement with the most recent end date (MSENDT). If multiple properties exist and the related data is comparable, calculate the DSCR of the underlying properties. * If multiple properties exist and comparable data is not available for all properties display the value in DSCR Indicator field found on the Financial Statement New Entry screen.

Property

Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
2 LOAN NUMBER Loan ID	PRL#	15	CHAR	15	**PMASTR.CML# OR PIRPXRLOAN.RNMASTER**	**If the Servicing Role field in the Investor Vendor for the Deal indicates the investor is the Master Servicer or is blank use the Strategy Loan #. If the value in the Servicing Role is anything else, use the Master Servicer Loan number from the IRP Loan file (entered via the IRP Loan reporting widget). Default value is CML# from PMASTR.**
16 CURRENT NET RENTABLE Current Net Rentable Square Feet	PRNETSQFT	7	ZONED	7,00	PCCOLLCRE.PQCNRA + PCCOLLCRE.PQRNA or if 0 then use PCCOLLCRE.PQTRSQ	This field is populated for Office(OF), Retail(RT), Industrial(I), Warehouse(WH), and Mixed Use(MU) properties. . Fields are displayed on the Property tab in Asset Management and Collateral Maintenance.

	Field Description ALL CAPS – STRATEGY DESC. Title Case – CREFC Description	Name	Length	Type	Act Length	Strategy Field	Notes
17	CURR NUM UNITS/BEDS/R Current Number of Units/Beds/Rooms	PRTNU	6	ZONED	6,00	PCCOLLCRE.PQTNU	This field is populated for Multifamily (MF), Coop housing (CH), Mobile Home Park (MH), Self-Storage (SS), Health Care (HC), Lodging (LO). Displays on the Site/Market Info screen available from the Property tab's Right mouse option