



April 5th, 2024

Fixed Income Clearing Corporation

MBS Division

Full Service Contact List

Please review the information and email any modifications to: MBSallocations@dtcc.com

Contact Information

Allocations/Settlements Hotline	212-855-7886	MBSallocations@dtcc.com
Client Support/Technical issues Option 5 and 5	888-382-2721	

Please note that Clearing and EPN contact information is received from our participants. Please notify FICC Operations with any changes or updates to keep this data current.

Verify your contact information below and e-mail MBSallocations@dtcc.com with any updates or changes.

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
APEX CLEARING CORPORATION ERROL A JONAS ALLOCATIONS TRADE ASSIGNMENTS FAX# ALLOCATIONS FAX	364-01 SUPERVISOR MBSCC	ADPC	SBO/OPTN	POOLNET (516) 472-5080 (866) 502-7369 (646) 390-3328 (516) 472-5404
ARCOLA SECURITIES, INC. JASON KUMP	447-01 MANAGER	RCAP	SBO	POOLNET (646) 829-0141
BANK OF AMERICA, N.A. CHRISTOPHER GLYNN ALLOCATIONS / POOL INFO MBSCC/TRADE ASSIGNMENTS	252-02 MANAGER Dg.mbs_allocations@bankofamerica.com	BACI	SBO/OPTN	POOLNET (908) 388-4872 (980) 386-9430
BANK OF AMERICA, N.A. SEE BANK OF AMERICA, N.A. (BACI)	252-06	BACW	SBO	POOLNET
BANK OF AMERICA, N.A. SEE BANK OF AMERICA, N.A. (BACI)	252-02	BAFS	TFTD	POOLNET
BANK OF AMERICA, N.A. SEE BANK OF AMERICA, N.A. (BACI)	252-04	BAML	SBO/OPTN	POOLNET
BANK OF AMERICA, N.A. SEE BANK OF AMERICA, N.A. (BACI)	252-05	BAMR	SBO	POOLNET
BANK OF MONTREAL, CHICAGO BRANCH CHRIS WAGNER ROBERT VACCA	176-01 ASSOCIATE DIRECTOR FIXED INCOME OPS DIRECTOR OF OPS	BMTL	SBO	POOLNET (312) 845-5030 (646) 640-1260
BANK OF OKLAHOMA N.A. LAURA MCCORKLE SUSAN LEDFORD DREW JUDD DORLINDA DILL SHARON MCCARTHY	305-01 MANAGER MBS POOL INFO MBS NOS	BOKF	SBO	POOLNET (405) 272-2463 (405) 272-2210 (405) 272-2162 (405) 272-2010 (405) 272-2472
BARCLAYS CAPITAL INC. KRISTIAN HAKANSON ALLOCATIONS HOTLINE MBS/GOV'T CLEARANCE FICC HOTLINE ALLOCATION E-MAIL ASSIGNMENT E-MAIL TBA PAIR OFF E-MAIL	350-01 VP mbsallocation@barclays.com xrambscctradeassignm@barclays.com mbsasstsvrg@barclays.com	BCAP	SBO/OPTN	POOLNET (212) 320-7397 (201) 499-0388 (201) 499-2860 (201) 499-3076
BETHESDA SECURITIES LLC. ANDREW SULLIVAN OPERATIONS GROUP OPERATIONS EMAIL	420-01 MANAGER BethOps@BethesdaSecurities.com	BETH	SBO	POOLNET (203) 429-0724 (203) 429-0714
BGC FINANCIAL L.P. SEE BGC FINANCIAL L.P. (FCGB)	409-03	EBKR	SBO	BROKER

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
BGC FINANCIAL, L.P.	409-01	FCGB	SBO	BROKER
WILLIAM MURPHY	MANAGING DIRECTOR			(904) 598-9261
HENRY ROSENBLUM	SENIOR VICE PRESIDENT			(904) 598-9308
MBS ALLOCATIONS	mbsallocations@cantor.com			(212) 829-4914
BMO CAPITAL MARKETS CORP	484-01	BMOC	SBO	POOLNET
ROBERT VACCA	MANAGER			(646) 640-1260
ELIZABETH BARTON	MBS ALLOCATIONS			(646) 799-4165
ERIC ZALINKANSKAS	MBS ALLOCATIONS			(646) 640-1262
CHRIS WAGNER	BILLING			(312) 845-5030
MARK GRANZOW	TECHNICAL			(312) 461-6207
BNP PARIBAS SECURITIES CORP	346-01	BNPP	SBO/OPTN	POOLNET
NETANEL COHEN	MANAGING DIRECTOR			(212) 340-5400
POOL INFO	MBS/POOLNETTING			(212) 841-2479
FAX				(929) 226-6959
ALLOCATION EMAIL	mbs.allocations@americas.bnpparibas.com			
BNP PARIBAS SECURITIES CORP	346-01	BNPX	SBO/OPTN	POOLNET
SEE BNP PARIBAS SECURITIES (BNPP)				
BNY MELLON CAPITAL MARKETS, LLC	395-01	BNYM	SBO	POOLNET
DENNIS GOODING	VICE PRESIDENT			(212) 815-6065
KEITH FLEMM	MBS OPERATIONS			(212) 815-2615
ROSE MARIE RIZZO	MBS OPERATIONS			(212) 815-2334
TAEK JUNG	TECHNICAL			(646) 823-7142
MBS OPERATIONS HOTLINE	HOTLINE			(212) 815-6411
MBS OPERATIONS EMAIL	ratesbnycm@bnymellon.com			(212) 815-6065

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BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	126-03	MBBA	SBO/OPTN	POOLNET
BOFA SECURITIES INC CHRISTOPHER GLYNN ALLOCATIONS / POOL INFO MBSCC/TRADE ASSIGNMENTS	126-01 MANAGER Dg.mbs_allocations@bankofamerica.com Dg.mbs_allocations@bankofamerica.com	MBNB	SBO/OPTN	POOLNET (980) 386-9430 (980) 386-9430 (980) 386-9430
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-47	MLCH	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-13	MLCJ	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-53	MLDB	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-54	MLDC	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-55	MLDE	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-56	MLDF	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-58	MLDH	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-59	MLDJ	SBO/OPTN	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-60	MLDK	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES LLC (MBNB)	371-61	MLDL	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-15	MLDR	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-41	MLGA	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES LLC (MBNB)	371-48	MLHB	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES (MBNB)	371-52	MLPC	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES (MBNB)	371-49	MLPD	SBO / OPT	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-01	MLPF	SBO	POOLNET
BOFA SECURITIES INC SEE BOFA SECURITIES INC (MBNB)	371-23	MLVO	SBO	POOLNET
BROKERTEC AMERICAS LLC MICHAEL LEZZO	491-01 DIRECTOR OF OPERATIONS	BTAC	SBO	BROKER (212) 704-5668

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CANTOR FITZGERALD & CO	105-03	CANT	SBO	POOLNET
WILLIAM MURPHY	MANAGING DIRECTOR			(904) 598-9261
HENRY ROSENBLUM	SVP			(904) 598-9308
MBS ALLOCATIONS	mbsallocations@cantor.com			
CANTOR FITZGERALD & CO	105-34	CFCA	SBO	POOLNET
SEE CANTOR FITZGERALD & CO (CANT)				
CAPITAL ONE N.A.	422-01	CAPN	SBO	POOLNET
SARAH MOY	MANAGER			(703) 720-2046
MATT CARLSON	MANAGER			(703) 720-3599
OPERATIONS HOTLINE	securitiesoperations@capitalone.com			
CAPITAL ONE N.A.	422-02	CONA	SBO	POOLNET
SEE CAPITAL ONE, NA (CAPN)				
CF SECURED LLC	485-16	ZEPP	SBO	POOLNET
SEE CANTOR FITZGERALD & CO (CANT)				
CF SECURED, LLC	485-01	CFSL	SBO	POOLNET
SEE CANTOR FITZGERALD & CO (CANT)				
CF SECURED, LLC	485-14	KCMF	SBO	POOLNET
SEE CANTOR FITZGERALD & CO (CANT)				
CF SECURED, LLC	485-15	POLP	SBO	POOLNET
SEE CANTOR FITZGERALD & CO (CANTOR)				
CITADEL GLOBAL FIXED INC MASTER FD LTD	433-01	CITE	SBO/OPTN	POOLNET
RICHARD MORSE	SVP			(312) 444-5307
POOL INFORMATION	HOTLINE			(312) 630-6234
SETTLEMENTS	SETTLEMENTS			(312) 443-5350
KAREN JONES	MANAGER FICC			(312) 395-2874
FICC	HOTLINE			(312) 395-2846
CITADEL SECURITIES LLC	432-01	CITD	SBO	POOLNET
RICHARD MORSE	SVP			(312) 444-5307
POOL INFORMATION	HOTLINE			(312) 630-6234
SETTLEMENTS	SETTLEMENTS			(312) 443-5350
KAREN JONES	MANAGER FICC			(312) 395-2874
FICC	HOTLINE			(312) 395-2846

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	<u>Title</u>			<u>Phone#</u>
CITIBANK NA	540-02	CBGM	SBO/OPTN	POOLNET
SEE CITIBANK NA (CBNA)				
CITIBANK NA	540-01	CBNA	SBO/OPTN	POOLNET
ALLOCATION HOTLINE	ALLOCATIONS			(716) 730-8009
FICC HOTLINE	FICC			(716) 730-8010
DANIEL GARTLAND	AVP ALLOCATIONS			(716) 730-6023
ALLOCATIONS FAX	ALLOCATIONS FAX			(866) 201-3716
ASSIGNMENT FAX	ASSIGNMENT FAX			(877) 267-6032
KATIE EVANS	VP SETTLEMENTS			(716) 730-8116
CITIBANK NA	465-01	CBTY	SBO	POOLNET
ALLOCATION HOTLINE	ALLOCATIONS			(716) 730-8009
FICC HOTLINE	FICC			(716) 730-8010
DANIEL GARTLAND	AVP ALLOCATIONS			(716) 730-6023
KATIE EVANS	VP SETTLEMENTS			(716) 730-8116

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CITIGROUP GLOBAL MARKETS INC	140-01	MBSL	SBO	POOLNET
RICHARD HARTNETT	MBSD MANAGER			(716) 730-7924
MIKE HYMES	MBSD ALLOCATIONS			(716) 730-7297
SEAN KRISHER	MBSD ALLOCATIONS			(716) 760-7081
ERIC BAYLOR	MBSD ALLOCATIONS			(716) 730-7082
DANIEL GARTLAND	AVP ALLOCATIONS			(716) 730-6023
SPECIAL ACCOUNT HOTLINE	SPECIAL			(716) 730-8011
FICC HOTLINE	FICC			(716) 730-8010
ALLOCATIONS FAX	ALLOCATIONS FAX			(866) 201-3716
ASSIGNMENT FAX	ASSIGNMENT FAX			(877) 267-6032
SUSAN PUSTULKA	AVP SETTLEMENTS			(716) 730-8014
CASH WIRES	CASH WIRES			(716) 730-8014
VICTOR SUN	TECHNICAL			(908) 563-2197
GUILLERMO MACALINTAL	TECHNICAL			(201) 763-0188
CITIGROUP GLOBAL MARKETS INC	140-40	MCLA	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-41	MCLB	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-42	MCLC	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-43	MCLD	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-44	MCLE	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-03	MMCF	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-11	MMCM	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-21	MMCT	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-31	MMCU	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-09	MMCV	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-32	MMCW	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-05	MMCZ	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-04	MMDB	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-02	MMDE	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				
CITIGROUP GLOBAL MARKETS INC	140-12	MMDH	SBO	POOLNET
SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)				

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CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-14	MMDI	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-34	MMDL	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-22	WBAP	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-27	WBCB	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-36	WBCP	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-25	WBGH	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-26	WBMS	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-37	WBRV	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-29	WBSP	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-01	MBSM	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-01	MBSP	OPTN	
CITIGROUP GLOBAL MARKETS INC. <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-13	MMCN	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-28	MMCY	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-33	MMDC	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. /SPECIAL – 39 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-39	CGBE	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. /SPECIAL – 45 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-53	CGBF	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. /SPECIAL – 46 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-51	CGBG	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. /SPECIAL – 47 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-39	CGBH	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 06 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-06	MMDF	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 07 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-07	MMDG	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 10 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-10	MMCL	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 11 <i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>	140-15	SBSG	SBO	POOLNET

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CITIGROUP GLOBAL MARKETS INC. SPECIAL 12 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-16	SBSF	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 18 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-18	CGMP	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 19 SEE CITIGROUP GLOBAL MARKETS INC (MBSL)	140-19	CGMQ	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 31 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-30	CGSF	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 74 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-74	MMBC	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 75 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-75	MMBD	SBO/OPTN	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 76 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-76	MMBF	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 79 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-79	MMBI	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 80 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-80	MMBJ	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 82 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-82	MMBN	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 84 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-84	MMBP	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 85 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-85	MMBQ	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 87 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-87	MMBS	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC. SPECIAL 97 SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-97	MMCC	SBO	POOLNET
CITIGROUP GLOBAL MARKETS INC./SPECIAL 20 SEE CITIGROUP GLOBAL MARKETS INC (MBSL)	140-20	MMDY	SBO	POOLNET
CITIGROUP GLOBAL MARKETS, INC SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)	140-17	MMCP	SBO	POOLNET
CITIGROUP GLOBAL MARKETS, INC ELLEN LYNCH BOBBI BAXTER SARA STAHLER	140-83 MBS ALLOCATIONS MBS ALLOCATIONS MBS ALLOCATIONS	MMEB	SBO/OPTN	POOLNET (636) 261-0437 (605) 731-3521 (605) 731-3119
CREF / BOND MARKET ACCOUNT EVAN HAGGETT OMA RAMPAL OMA RAMPAL (ALT) JOSEPH KERNER	289-01 MANAGER POOL INFO POOL INFO TECHNICAL	CBMA	SBO	POOLNET (704) 988-4141 (212) 916-4846 (212) 916-6571 (212) 916-6343
CREF / SOCIAL CHOICE ACCOUNT SEE CREF/BOND MARKET ACCOUNT (CBMA)	454-01	CSOC	SBO	POOLNET

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DAIWA CAPITAL MARKETS AMERICA INC.	373-01	DAIW	SBO	POOLNET
NICHOLAS RUBINO	DIRECTOR			(212) 612-6189
MICHAEL RUGGIERO	MANAGER			(212) 612-6143
GROUP E-MAIL	TBA_MortgageAllocations@us.daiwacm.com			
DEALERWEB INC.	904-01	DLWB	SBO	BROKER
JORGE GALINDO				(201) 536-5762
SUMMIT DESAI				(201) 536-5784
SETTLEMENT OPERATIONS HOTLINE				(201) 536-5779
DEALERWEB INC. / HF	121-02	MBEH	SBO	POOLNET
VINCENT TORRES	VP			(646) 484-4401
CHRIS TILYOU	MBS			(212) 797-2115
BOB HEARON	MBS			(212) 797-2115
DEALERWEB INC. / HF	121-01	MBHF	SBO	BROKER
SEE DEALERWEB INC. / HF (MBEH)				
DEALERWEB INC. / HF	121-01	MBWB	SBO	BROKER
SEE DEALERWEB INC. / HF (MBEH)				
DEUTSCHE BANK AG	168-01	MBDA	SBO	POOLNET
JOHN RAHM	VP			(212) 250-2027
SCOTT STEPHENS	AVP			(904) 527-6436
GROUP EMAIL	mbs.allocations@db.com			
DEUTSCHE BANK SECURITIES INC.	163-01	MBDB	SBO/OPTN	POOLNET
JOHN RAHM	VP			(212) 250-2027
SCOTT STEPHENS	AVP			(904) 527-6436
GROUP EMAIL	MBS.allocations@db.com			
FANNIE MAE	145-01	MBFN	SBO	POOLNET
MARIA ROBINSON	DIRECTOR			(202) 752-2881
C.J.FELDHEIM	MANAGER - ALLOCATIONS			(202) 752-3679
BRIAN RIKER	MANAGER - SETTLEMENTS			(972) 861-6776
ALLOCATIONS HOTLINE	RTTM, NETTING, EPN ,AOTS			(202) 752-5384
SETTLEMENTS HOTLINE	SETTLEMENTS, RR, FACTOR UPDATES			(202) 752-4843
BRETT REED	TECHNICAL PRIMARY			(210) 781-1070
GEORGE VANDUZER	MANAGER - TECHNICAL			(703) 833-1408

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FEDERAL HOME LOAN MORTGAGE CORP SEE FEDERAL HOME LOAN MORTGAGE CORP (FHPT)	115-01	FMAC	SBO	POOLNET
FEDERAL HOME LOAN MORTGAGE CORP JORGE PEREZ TYLER HANLEY GABRIELLE GRIFFITH BRAD GALOFARO JAKE KELLY EMAIL	115-01 RTTM/ ALLOCATIONS RTTM/ ALLOCATIONS RTTM/ ALLOCATIONS SR. MANAGER (ESCALATION) SR. DIRECTOR (ESCALATION) F&I_MBS_OPS@Freddiemac.com	FMEF	SBO	POOLNET (571) 382-5983 (703) 903-4001 (571) 382-4652 (571) 382-5815 (212) 418-8902 (212) 418-8902
FEDERAL HOME LOAN MORTGAGE CORP JORGE PEREZ BRAD OPAR TRINA CARTER BRAD GALOFARO JAKE KELLY	115-01 ALLOCATIONS RTTM RTTM SR. MANAGER (ESCALATION) SR. DIRECTOR (ESCALATION) F&I_MBS_OPS@Freddiemac.com	FMHG	SBO	POOLNET (571) 382-5948 (703) 918-5433 (571) 382-5699 (571) 382-5815 (212) 418-8902
FEDERAL HOME LOAN MORTGAGE CORP JORGE PEREZ TYLER HANLEY GABRIELLE GRIFFITH BRAD GALOFARO JAKE KELLY EMAIL	115-01 RTTM RTTM/ALLOCATIONS RTTM SR. MANAGER (ESCALATION) SR. DIRECTOR (ESCALATION) F&I_MBS_OPS@Freddiemac.com	MFRE	SBO	POOLNET (571) 382-5983 (703) 903-4001 (571) 382-4652 (571) 382-5815 (212) 418-8902
FEDERAL HOME LOAN MORTGAGE CORP. (CASH PC AUCTIONS) BRAD OPAR TRINA CARTER BRAD GALOFARO JAKE KELLY	115-01 RTTM/ ALLOCATIONS RTTM SR. MANAGER (ESCALATION) SR. DIRECTOR (ESCALATION) F&I_MBS_OPS@Freddiemac.com	MBFA	SBO	POOLNET (571) 382-3494 (703) 918-5433 (571) 382-5815 (212) 418-8902
FEDERAL HOME LOAN MORTGAGE CORP. (PORTFOLIO) OMAR JIMENEZ TYLER HANLEY JASON STROTHER BRAD GALOFARO JAKE KELLY	115-01 RTTM/ALLOCATIONS RTTM/ALLOCATIONS RTTM SR. MANAGER (ESCALATION) SR. DIRECTOR (ESCALATION) F&I_MBS_OPS@Freddiemac.com	FHPT	SBO	POOLNET (571) 382-5849 (703) 903-4001 (571) 382-5465 (571) 382-5815 (212) 418-8902
FEDERAL HOME LOAN MORTGAGE CORP. (PORTFOLIO) SEE FEDERAL HOME LOAN MORTGAGE CORPORATIO (MBFA)	115-01	FMSS	SBO	POOLNET
FIRST HORIZON BANK JODY TREGLE ERIC JANSS KIM BLEDSOE	186-01 MANAGER MBSCC	FTEN	SBO	POOLNET (901) 435-8745 (212) 418-5064 (901) 435-4748

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
FULTON BANK, NA	461-01	FLTN	SBO	POOLNET
KEITH B. PAICH	DIRECTOR			(717) 735-8554
HELI KWAMANAKWEENDA	VP			(717) 291-2891
TAMMY MORRISON	VP			(717) 672-2050
TAM LUONG	ANALYST			(717) 291-2433
LYELL BUCHRADT	SVP			(757) 321-6359
GOLDMAN, SACHS & COMPANY. LLC	119-01	MBGO	OPTN	
SEE GOLDMAN SACHS & COMPANY (MBGS)				
GOLDMAN, SACHS & COMPANY. LLC	119-01	MBGS	SBO	POOLNET
CHRIS CROCITTO	MANAGER			(212) 357-8559
HOTLINE	ALLOCATIONS			(212) 902-1519
HOTLINE	MBSCC/NOS			(972) 368-7954
ARTHUR DARDIA	TECHNICAL			(212) 357-7899
GAGNDEEP KAUR	TECHNICAL			(212) 855-9941
HILLTOP SECURITIES INC	386-01	SWSI	SBO	POOLNET
CHRIS MAKER	OPS DIRECTOR			(214) 953-4006
STEPHEN RONEY	GROUP MANAGER			(214) 953-8714
ROSE SPEEGLE	MBS COORDINATOR			(214) 859-9389
SCOTT WILLIS	MBS COORDINATOR			(214) 953-4140
TBAPOOLOPS@HILLTOPSECURITIES.COM	AOT/POOL SETTLEMENT INFO			(214) 859-9389
MBSCOMPS@HILLTOPSECURITIES.COM	RTTM/CLEARING			(214) 859-1074
HSBC BANK USA, N.A.	217-01	MMBK	SBO	POOLNET
ALLOCATIONS HOTLINE				(212) 525-0150
SETTLEMENTS	FIS@US.HSBC.COM			
GROUP EMAIL	FI.P&S@US.HSBC.COM			
INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL S	441-01	ICBK	SBO	POOLNET
JOHN HOCK	DIRECTOR			(212) 993-7321
HOTLINE				(212) 993-7320
ALLOCATIONS/ASSIGNMENTS	FedOps@ICBKFS.com			

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-01	MAJS	SBO	POOLNET
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-01	MBAM	SBO	POOLNET
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>ALLOCATIONS</i> <i>ALLOCATIONS/RTTM</i>	148-01 <i>HOTLINE</i> <i>cio_mbs_allocations@jpmorgan.com</i>	MBBT	SBO	POOLNET <i>(302) 634-1842</i>
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-01	MBCI	SBO	POOLNET
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-01	MBCL	SBO	POOLNET
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-02	MBCZ	SBO	POOLNET
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-01	MBVL	SBO	POOLNET
J.P MORGAN CHASE BANK NATIONAL ASSOCIATION <i>SEE JP MORGAN CHASE BANK NA (MBBT)</i>	148-01	MCBE	SBO	POOLNET
J.P. MORGAN CHASE BANK NA <i>VINCENT OLIVIERO</i> <i>PHILIP PERCI</i> <i>ROSELIE VERDESOTO</i> <i>TRADE SUPPORT GROUP</i>	164-01 <i>VP</i> <i>VP</i> <i>MBSCC</i> <i>CMRM.TRADE.SUPPORT@CHASE.COM</i>	MBCG	SBO/OPTN	POOLNET <i>(201) 356-0934</i> <i>(201) 356-0935</i> <i>(201) 356-0941</i>
J.P. MORGAN SECURITIES <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-R4	JFAA	SBO	POOLNET
J.P. MORGAN SECURITIES <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-R5	JFAB	SBO	POOLNET
J.P. MORGAN SECURITIES <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-R6	JFAC	SBO	POOLNET
J.P. MORGAN SECURITIES <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-R7	JFAD	SBO	POOLNET
J.P. MORGAN SECURITIES <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-R1	JSEO	SBO	POOLNET

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-R2	JESP	SBO	POOLNET
J.P. MORGAN SECURITIES LLC ALLOCATIONS ALLOCATIONS / RTTM	103-64 HOTLINE pb_allocations@jpmorgan.com	JPFD	SBO	POOLNET (302) 634-1842
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-05	JSAE	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-08	JSAG	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-23	JSAI	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-20	JSAG	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-22	JSAN	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-H5	JSAO	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-H7	JSAQ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-58	JSAT	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES, LLC (JPFD)	103-J4	JSAU	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-I4	JSAV	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-84	JSAX	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-I1	JSAZ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-24	JSBB	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-10	JSBD	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-28	JSBH	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-29	JSBI	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES, LLC (JPFD)	103-J5	JSBJ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES, LLC (JPFD)	103-J6	JSBK	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES, LLC (JPFD)	103-J7	JSBL	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-B1	JSBM	SBO	POOLNET

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-J8	JSBN	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-J9	JSBO	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K1	JSBP	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K2	JSBQ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K3	JSBR	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K4	JSBS	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K5	JSBT	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITES, LLC (JPFD)</i>	103-K6	JSBU	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K7	JSBV	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K8	JSBW	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-K9	JSBX	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE JP MORGAN SECURITIES, LLC (JPFD)</i>	103-L2	JSBZ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-L8	JSCB	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-L9	JSCC	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-M1	JSCH	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-M2	JSCJ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-M4	JSCN	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-M5	JSCQ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-M6	JSCU	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-N1	JSCY	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-L3	JSDA	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P.MORGAN SECURITIES LLC (JPFD)</i>	103-L4	JSDB	SBO	POOLNET
J.P. MORGAN SECURITIES LLC	103-L5	JSDC	SBO	POOLNET

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-03	JSDG	SBO	POOLNET
SEE J.P. MORGAN SECURITIES (JPFD)				
J.P. MORGAN SECURITIES LLC	103-04	JSDH	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-05	JSDI	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-06	JSDJ	SBO	POOLNET
SEE JP MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-07	JSDK	SBO	POOLNET
SEE JP MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-08	JSDL	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-09	JSDO	SBO	POOLNET
SEE JP MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-P1	JSDQ	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-P2	JSDR	SBO	POOLNET
SEE JP MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-P7	JSDT	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-P6	JSDU	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-P9	JSDV	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-P8	JSDW	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC				
J.P. MORGAN SECURITIES LLC	103-Q1	JSDX	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC(JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q2	JSDY	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q3	JSDZ	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q4	JSEA	SBO	POOLNET
SEE J.P. MORGAN SECURITIES, LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q5	JSEB	SBO	POOLNET
SEE J.P. MORGAN SECURITIES, LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q6	JSED	SBO	POOLNET
SEE J.P. MORGAN SECURITIES, LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q7	JSEF	SBO	POOLNET
SEE J.P. MORGAN SECURITIES, LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q8	JSEG	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-Q8	JSEH	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-33	JSEV	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-97	JSFD	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-65	JSGN	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-D7	JSHB	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-E2	JSHG	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-E3	JSHH	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-E4	JSHI	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-E7	JSHP	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-E8	JSHQ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-E9	JSHR	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-F2	JSHT	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-F3	JSHU	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-F5	JSHX	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-04	JSKJ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-59	JSLP	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-53	JSMF	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-31	JSMH	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-50	JSMR	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-56	JSMT	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-60	JSMW	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-51	JSPH	SBO	POOLNET
J.P. MORGAN SECURITIES LLC <i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>	103-B4	JSPI	SBO	POOLNET
J.P. MORGAN SECURITIES LLC	103-72	JSPM	SBO	POOLNET

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-B5	JSPN	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-B8	JSPU	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-C1	JSPW	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-B9	JSPY	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-C9	JSPZ	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-I6	JSUD	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-F9	JSWC	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-93	JSWE	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G1	JSWG	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G3	JSWI	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G4	JSWK	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G5	JSWL	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G6	JSWM	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G7	JSWN	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G8	JSWO	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-G9	JSWP	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-H1	JSWQ	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-H2	JSWR	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-H3	JSYA	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-H4	JSYB	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-35	JSYD	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				
J.P. MORGAN SECURITIES LLC	103-42	JSYF	SBO	POOLNET
SEE J.P. MORGAN SECURITIES LLC (JPFD)				

<u>Part name</u>	<u>Part#</u> <u>Title</u>	<u>Symbol</u>	<u>Trans type</u>	<u>Acct type</u> <u>Phone#</u>
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES LLC (JPFD)	103-I2	JSZN	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES, LLC (JPFD)	103-I3	JSZO	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-I7	JSZP	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-I8	JSZQ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-I9	JSZR	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-J2	JTAA	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P.MORGAN SECURITIES LLC (JPFD)	103-J3	JTAB	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-M8	JTAD	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE JP MORGAN SECURITIES LLC (JPFD)	103-N2	JTAE	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-N3	JTAF	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-N5	JTAH	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-N6	JTAI	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-N7	JTAJ	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-N8	JTAK	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-N9	JTAL	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-O1	JTAM	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-O2	JTAN	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-P3	JTAP	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-P4	JTAR	SBO	POOLNET
J.P. MORGAN SECURITIES LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-P5	JTAS	SBOD	POOLNET
J.P. MORGAN SECURITIES LLC ALLOCATIONS EMAIL ALLOCATIONS EMAIL RTTM / AOTS	107-01 HOTLINE mbs.allocations@jpmorgan.com mbs.tradeassignments@jpmorgan.com	MBCE	SBO	POOLNET (302) 634-1842

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J.P. MORGAN SECURITIES, LLC SEE J.P. MORGAN SECURITIES LLC (JPFD)	103-R3	JESQ	SBO	POOLNET
JANNEY MONTGOMERY SCOTT LLC JOSEPH AZOR MIDDLE OFFICE JOSEPH CLEMENT EDWARD COLLOTON KEVIN SOUDER MARK GRESS ALAN SMITH MARK KOBZAR CARRIE PAPP	458-01 jazor@janney.com ecolloton@janney.com ksouder@janney.com mgress@janney.com SETTLEMENT asmith@janney.com SETTLEMENT mkobzar@janney.com	JMSL	SBO	POOLNET (215) 665-1228 (215) 665-6621 (215) 665-6065 (215) 665-6597 (215) 665-4505 (215) 665-6247 (215) 665-6300 (215) 665-1654 (215) 665-6276
JEFFERIES LLC JULIUS PELLEGRITO ALLOCATIONS	435-01 VP / MANAGER FICC/AOT	JEFF	SBO	POOLNET (201) 761-7672 (201) 793-9111
MAREX CAPITAL MARKETS INC. BRENT POSNER RICHARD GILL	475-01 DIRECTOR OF OPS BILLING	EDFM	SBO	POOLNET (212) 618-2809 (212) 618-2863
MIRAE ASSET SECURITIES SEE MIRAE ASSET SECURITIES (MASU)	492-06	MASD	SBO	POOLNET
MIRAE ASSET SECURITIES SEE MIRAE ASSET SECURITIES (MASU)	492-07	MASE	SBO	POOLNET
MIRAE ASSET SECURITIES SEE MIRAE ASSET SECURITIES (MASU)	492-09	MASG	SBO	POOLNET
MIRAE ASSET SECURITIES SEE MIRAE ASSET SECURITIES (MASU)	492-10	MASH	SBO	POOLNET
MIRAE ASSET SECURITIES SEE MIRAE ASSET SECURITIES (MASU)	492-08	MASI	SBO	POOLNET
MIRAE ASSET SECURITIES (USA) INC SEE MIRAE ASSET SECURITIES (MASU)	492-02	MASA	SBO	POOLNET
MIRAE ASSET SECURITIES (USA) INC SEE MIRAE ASSET SECURITIES (MASU)	492-03	MASB	SBO	POOLNET
MIRAE ASSET SECURITIES (USA) INC SEE MIRAE ASSET SECURITIES (MASU)	492-04	MASC	SBO	POOLNET
MIRAE ASSET SECURITIES (USA) INC SEAN EINHART DAVID WONG FIXED INCOME TRADE SUPPORT	492-01 DIRECTOR-OPERATIONS EXECUTIVE DIRECTOR-OPERATIONS GROUP E-MAIL	MASU	SBO	POOLNET (646) 968-2030 (646) 968-2030 (646) 968-2031
MIZUHO CORPORATE BANK LIMITED SEE MIZUHO SECURITIES USA INC (MZNY)	471-02	MITD	SBO	POOLNET
MIZUHO CORPORATE BANK LIMITED THELMA HOLT JOSEPH TERRIZZI	471-01 MANAGER MBS/POOL/SETTLEMENT INFO	MZNY	SBO	POOLNET (201) 626-9493 (201) 626-9489

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MIZUHO SECURITIES USA INC SEE MIZUHO SECURITIES USA INC (MSUS)	390-01	MSUI	SBO	POOLNET
MIZUHO SECURITIES USA INC RICHARD VISCO MICHAEL SIDHOM KEVIN KIELY FAX	390-01 DIRECTOR POOL INFO POOL INFO FAX	MSUS	SBO	POOLNET (201) 626-1288 (212) 205-7529 (212) 205-7529 (917) 338-0298
MORGAN STANLEY & CO LLC SETH JABLON YVONNE MOSLEY BILL HORAN BRIAN DUFFY BRENDA MITCHELL BONNY MANUEL BEN STONER SIERRA JOHNSON AMELIA BROWNE ALLOCATIONS/RTTM TRADE ASSIGNMENTS	132-01 VICE PRESIDENT TEAM LEAD/ALLOCATIONS DIRECTOR ALLOCATIONS DIRECTOR ALLOCATIONS DIRECTOR ALLOCATIONS DIRECTOR TEAM LEAD/MBSCC DIRECTOR RTTM RTTM RTTM mbs.allocations@morganstanley.com mbsaotteam@morganstanley.com	MBMS	SBO/OPTN	POOLNET (443) 627-4692 (443) 627-6322 (212) 762-3597 (212) 761-3598 (443) 627-5200 (443) 627-6508 (212) 762-3593 (443) 627-5684 (443) 627-5457 (443) 627-4738 (212) 296-4277
MUFG SECURITIES AMERICAS INC DEMETRIOS NANAVRAKIS LINDSAY CRUZ RAY SACKMAN COREY WALTON MBS OPERATIONS GROUP EMAIL	480-01 MANAGER / MBS ALLOCATIONS & OPS ALLOCATIONS ALLOCATIONS ALLOCATIONS MBS-OPS@us.sc.mufg.jp	MUSA	SBO	POOLNET (212) 405-6552 (212) 405-6568 (212) 405-6877 (212) 405-7052
NATIONAL FINANCIAL SERVICES LLC SEE NATIONAL FINANCIAL SERVICES LLC. (NFSL)	417-06	NBLB	SBO	POOLNET
NATIONAL FINANCIAL SERVICES LLC. SEE NATIONAL FINANCIAL SERVICES LLC. (NFSL)	417-04	CBTD	SBO	POOLNET
NATIONAL FINANCIAL SERVICES LLC. DANIEL KATZ IAN HETHERINGTON BRYAN LOVELAND SAM SARACINO AL ROBINSON	417-01 VICE PRESIDENT OPERATIONS MANAGER MBS / POOL INFO SETTLEMENTS TECHNICAL	NFSL	SBO	POOLNET (617) 563-7107 (617) 563-0862 (617) 563-0862 (866) 755-6372 (201) 915-8464
NATIONAL FINANCIAL SERVICES, LLC SEE NATIONAL FINANCIAL SERVICES, LLC (NFSL)	417-03	HUCO	SBO	POOLNET
NATIXIS SECURITIES AMERICAS, LLC CHRIS KOSTOPOULOS GARY DIBBLE	466-01 MANAGER MBS/POOL/SETTLEMENT INFO	NSAL	SBO	POOLNET (212) 872-5028 (212) 872-5022
NAVY FEDERAL CREDIT UNION MARK BAUER AGNES MARISA WILLIAM TABRI	541-01 ALLOCATIONS DIRECTOR OF OPS MANAGER	NFCU	SBO	POOLNET (703) 206-2345 (703) 255-8227 (703) 206-4014

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NOMURA SECURITIES INTERNATIONAL, INC. SEE NOMURA SECURITIES INTERNATIONAL, INC.(NOMU)	421-01	NOMO	OPTN	
NOMURA SECURITIES INTERNATIONAL, INC. CARLINE MURPHY ALLOCATIONS FICC HOTLINE	421-01 VICE PRESIDENT NOMUALLOCATIONS@US.NOMURA.COM NOMURAFICC@NOMURA.COM	NOMU	SBO/OPTN	POOLNET (212) 667-9550 (212) 667-9491 (212) 667-9698
NOMURA SECURITIES INTERNATIONAL, INC./PROP. SEE NOMURA SECURITIES INTERNATIONAL, INC.(NOMU)	421-01	NOMP	SBO/OPTN	POOLNET
OPPENHEIMER & CO. INC. ANGELO MESSINA PETER PETERSON ADAM POPPER	431-01 ASSOCIATE Angelo.Messina@opco.com ASSOCIATE Peter.Peterson@opco.com MANAGER Adam.Popper@opco.com	OPCO	SBO	POOLNET (516) 946-9064 (212) 668-5069 (212) 667-5928
PALAFox TRADING, LLC RICHARD MORSE POOL INFORMATION SETTLEMENTS KAREN JONES FICC	403-01 SVP HOTLINE SETTLEMENTS MANAGER FICC HOTLINE	PATL	SBO/OPTN	POOLNET (312) 444-5307 (312) 630-6234 (312) 443-5350 (312) 395-2874 (312) 443-2846
PERSHING, LLC KIRK STAINE MBSCC/AOT ALLOCATIONS HANS MENOS FINNY THOMAS LIZETTE BARQUERO-DESIMONE OLGA RUEDA VIDHYA CHANDRAMOHAN FAX NUMBER	343-01 VP PRSHFICC@pershing.com MBSALLOC@bnymellon.com ALLOCATIONS/POOL INFO ALLOCATIONS/POOL INFO MBSCC/POOL INFO MBSCC/SETTLEMENTS TECHNICAL	PRSH	SBO	POOLNET (347) 661-2852 (201) 413-2999 (201) 413-4780 (201) 761-5038 (201) 761-5025 (201) 761-5026 (201) 413-2999 (973) 360-2891 (201) 413-2406
PNC BANK NATIONAL ASSOCIATION JEFFREY SZALKUSKI DANIEL ANTONUCCI ERIN PEASLEE TRADE CAPTURE SETTLEMENT EMAIL DAKOTA RECTOR BRANDON TURNER BRITTNIE KOHL JESSICA JACOBS	369-01 MANAGER SETTLEMENTS SETTLEMENTS securitiestradeCapture@pnc.com SECSETT@PNC.COM TRADE COMPARISON/ALLOCATION TRADE COMPARISON/ALLOCATION TRADE COMPARISON/ALLOCATION SETTLEMENTS	PNCB	SBO	POOLNET (412) 237-0573 (412) 237-0746 (412) 237-0510 (855) 403-5915 (412) 237-0542 (412) 237-0541 (412) 237-0525 (412) 237-0533
PNC BANK, N.A. SEE PNC BANK NATIONAL ASSOCIATION (PNCB)	369-01	PNCP	SBO	POOLNET
PNC BANK, N.A. SEE PNC BANK NATIONAL ASSOCIATION (PNCB)	369-01	PNCR	SBO	POOLNET
PNC BANK, N.A. SEE PNC BANK NATIONAL ASSOCIATION (PNCB)	369-01	PNCS	SBO	POOLNET

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PNC CAPITAL MARKETS LLC SEE PNC BANK NATIONAL ASSOCIATION (PNCB)	495-01	PNCT	SBO	POOLNET
RAYMOND JAMES & ASSOCIATES INC. LINDA NERI BILL ALTER LINDA RUSSELL LEHIGH HAZELGROVE	181-01 AVP SUPERVISOR SETTLEMENTS TRADE COMPARISONS	RAJA	SBO	POOLNET (727) 567-3128 (727) 567-3131 (727) 567-3132 (901) 524-4198
RAYMOND JAMES & ASSOCIATES INC. SEE RAYMOND JAMES & ASSOCIATES INC. (RAJA)	181-02	RJFI	SBO	POOLNET
RBC CAPITAL MARKETS LLC SEE RBC CAPITAL MARKETS, LLC	245-04	SPEX	SBO	POOLNET
RBC CAPITAL MARKETS, LLC / RBC CAPITAL MARKETS ROB ANCONA MBSCC ALLOCATIONS TOM SARTORIO FAX CM-USA-MBS Allocations	245-03 DIRECTOR ALLOCATIONS TECHNICAL SUPPORT ALLOCATIONS CM-USA-MBSAllocations@rbc.com	DRBC	SBO	POOLNET (212) 618-2752 (212) 618-2755 (212) 618-2755 (212) 858-6085 (212) 618-2754
ROBERT W. BAIRD & CO. INCORPORATED POOL INFO POOL INFO BACK-UP LINE LAURA PREISSNER STEVE KAYE VERONICA ARIAS NICHOLAS STORCH RONALD FOELSKE ALLEN FINEFIELD CHRIS PAJEWSKI TAMMY JASINSKI WENDY WOLFE MATT SCHNEIDER	331-01 MANAGER TECHNICAL CLEARING FUND AFTER 3 CLEARING FUND BEFORE 3 CLEARING FUND BEFORE 3 CLEARING FUND BEFORE 3 CLEARING FUND BEFORE 3 CLEARING FUND AFTER 3 CLEARING FUND AFTER 3 CLEARING FUND AFTER 3	RWBC	SBO	POOLNET (414) 298-5911 (414) 765-3984 (414) 298-2421 (414) 298-7364 (414) 765-3844 (414) 765-1425 (414) 765-7001 (414) 765-3869 (817) 339-3429 (414) 765-3884 (414) 765-3879 (414) 765-3993
SANTANDER US CAPITAL MARKETS LLC MARK TOOMER MARK CATALANO DIANE GUILLAUME TRADE ASSIGNMENTS JOHN DUDAS ALLOCATIONS EMAIL	445-01 MBS ALLOCATIONS/OPERATIONS MBS OPERATIONS TRADE ASSIGNMENTS mbs.allocations@santander.us MBS SETTLEMENTS MANAGER mbs.allocations@santander.us	PPTS	SBO	POOLNET (302) 533-2915 (203) 428-2523 (713) 888-9126 (302) 533-2905

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SG AMERICAS SECURITIES LLC STEPHANIE SARNO TEODORO DIANGSON	338-01 MANAGER POOL INFO	FIAT	SBO	POOLNET (201) 839-8986 (201) 839-8987
SG AMERICAS SECURITIES LLC SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-07	GORD	SBO	POOLNET
SG AMERICAS SECURITIES LLC SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-06	NAAR	SBO	POOLNET
SG AMERICAS SECURITIES LLC SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-05	NFPI	SBO	POOLNET
SG AMERICAS SECURITIES LLC SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-08	SGVR	SBO	POOLNET
SG AMERICAS SECURITIES, LLC SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-02	MEDL	SBO	POOLNET
SG AMERICAS SECURITIES, LLC/FAO CLIENT AG SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-13	SGBB	SBO	POOLNET
SG AMERICAS SECURITIES, LLC/FAO CLIENT AG SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-14	SGCC	SBO	POOLNET
SG AMERICAS SECURITIES, LLC/FAO CLIENT AG SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-15	SGDD	SBO	POOLNET
SG AMERICAS SECURITIES, LLC/FAO CLIENT AG SEE SG AMERICAS SECURITIES, LLC (FIAT)	338-09	SGRG	SBO	POOLNET
SOUTH STREET SECURITIES LLC DONALD WEBBE KABIR VADERA MONICA URENA RICHARD ANDREW	425-01 MANAGER POOL / SETTLEMENT INFO POOL / SETTLEMENT INFO GENERAL POOL INFO	SSTR	SBO	POOLNET (212) 803-5050 (212) 824-0738 (212) 824-0738 (212) 824-0738
STIFEL NICOLAUS & COMPANY INC. HOTLINE HOTLINE JEN RATERMANN BARB MISIEWICZ CHERYL GIBSON FAX #	393-01 MBS MBS/POOL INFO/MBS&POOL NETTING/EPN MANAGER TRADE SUPPORT/MBS DIRECTOR TRADE SUPPORT/MBS DIRECTOR SETTLEMENTS MBS/POOLINFO/MBS&POOL NETTING/EPN	SNCI	SBO	POOLNET (314) 342-2048 (314) 342-2048 (314) 342-2048 (314) 342-2044 (314) 342-2052 (314) 342-2971
STONEX FINANCIAL, INC CHRIS TALBOTT	358-01	IFSF	SBO	POOLNET (212) 379-5545
TD SECURITIES TU LE MBS ALLOCATIONS/FICC/TRADE ASSIGNMENTS MBS SETTLEMENTS MBS CLEARANCE EMAIL	212-01 MBS OPERATIONS TD-MBSOPS@TDSECURITIES.COM TDUSA-TDGOVOPS@TDSECURITIES.COM	TDSC	SBO	POOLNET (212) 827-7030 (212) 827-7713 (212) 827-7537
TIAA - CREF CORE BOND FUND SEE CREF/BOND MARKET ACCOUNT (CBMA)	294-01	CMIB	SBO	POOLNET
TIAA - CREF CORE PLUS BOND FUND SEE CREF/BOND MARKET ACCOUNT (CBMA)	295-01	CMBP	SBO	POOLNET

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TIAA –CREF LIFE FUNDS-CORE BOND FUND SEE CREF/BOND MARKET ACCOUNT (CBMA)	482-01	CRLF	SBO	POOLNET
TIAA-CREF CORE IMPACT BOND FUND SEE CREF/BOND MARKET ACCOUNT (CBMA)	481-01	CRSC	SBO	POOLNET
TP ICAP GLOBAL MARKETS AMERICAS LLC CHRISTINE CIPRIANI GARRY BERNSTEIN RUBY GINSBERG MBSD HOTLINE/ POOL NETTING ALLOCATIONS HOTLINE ALLISON ROSSI	111-02 MBS / POOL NETTING TECHNICAL TECHNICAL MBS/ POOL NETTING ALLOCATIONS/ EPN MBS/POOL NETTING	MBPC	SBO	POOLNET (201) 984-6688 (201) 557-5521 (201) 557-5090 (201) 984-6636 (201) 984-6635 (201) 984-6642
TP ICAP GLOBAL MARKETS AMERICAS LLC/ICAP SEE ICAP SECURITIES USA LLC (MGAR)	139-01	MBRM	SBO	BROKER
TP ICAP GLOBAL MARKETS AMERICAS LLC/ICAP MICHAEL LEZZO ALICE WILKINS LAWRENCE GUTIERREZ HOTLINE	139-04 SENIOR OPERATIONS MANAGER MBS MBS	MGAR	SBO	POOLNET (201) 209-7847 (212) 815-9367 (212) 815-6838 (212) 815-6690
TP ICAP GLOBAL MARKETS AMERICAS LLC/TULLETT SEE TULLETT LIBERTY SECURITIES INC. (MBPC)	111-01	MBCN	SBO	BROKER
TRUIST BANK RICH TYSON DEBBIE HARRELL-CAYTON	347-02 MANAGER CLEARING/NOS	BBAT	SBO/OPTN	POOLNET (336) 733-2856 (336) 733-2988
TRUIST BANK KATIE LINDAHL SCOT HENRY ANDY BALL LAUREN CAIN FRANK BLACK MICHAEL ALLEN	347-01 POOL INFO/ALLOCATIONS FVP SVP POOL INFO/ALLOCATIONS TECHNICAL POOL INFO/ALLOCATIONS	BBTC	SBO/OPTN	POOLNET (919) 745-5888 (804) 387-1597 (919) 745-5877 (919) 745-5883 (252) 296-0103 (919) 745-5878
U.S. BANK N.A. GREG EVANSKY MIKE KABAKOV BRIANNE DOUGLAS	467-01 DIRECTOR OF OPS FINANCIAL ANALYST	USBK	SBO	POOLNET (952) 876-5390 (952) 876-5395 (952) 876-5399
UBS SECURITIES LLC SEE UBS SECURITIES LLC (MBPA)	136-01	MBPB	TFTD	POOLNET
UBS SECURITIES LLC SEE UBS SECURITIES LLC (MBPA)	136-01	MBPD	SBO	POOLNET
UBS SECURITIES LLC SEE UBS SECURITIES LLC (MBPA)	136-01	MBPO	TFTD	POOLNET
UBS SECURITIES LLC SEE UBS SECURITIES LLC (MBPA)	136-01	MBWH	SBO	POOLNET

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UBS SECURITIES LLC.	136-01	MBPA	SBO	POOLNET
ANNEMARIE BOWMAN	DIRECTOR			(212) 713-4323
NICOLE ENGLISH	ASSOCIATE DIRECTOR			(212) 713-4852
ALLOCATIONS/MBSCC/TRADE ASSIGNMENTS	OL-MBPA-MBSOPSALLOC@UBS.COM			(212) 713-4323
MBS OPERATIONS HOTLINE	MBS OPS			(212) 713-4323
SANDEEP ACHUTHAN	TECHNICAL +48 694 349 996			(212) 713-4323
CLEARANCE	OL-SETTLEMENTS-NJ@UBS.COM			(615) 332-6301
WEDBUSH SECURITIES INC	448-01	WEDB	SBO	POOLNET
RENE ECHIVERRI	MANAGER			(213) 688-4309
DAVID COLVILLE	SENIOR VICE PRESIDENT			(213) 688-8015
JOHN VALDEZ	AVP			(213) 688-4363
JUSTIN MATSUKAWA				(213) 688-4588
WELLS FARGO BANK, N.A.	954-01	NWBL	SBO/OPTN	POOLNET
SEE WELLS FARGO BANK, N.A. (NWST)				
WELLS FARGO BANK, N.A.	954-01	NWST	SBO/OPTN	POOLNET
MAX BODERMANN	SVP			(515) 398-7948
MARK KRAMER	VP/OPERATIONS			(515) 398-7952
HOTLINE	MBS TRADES/POOL INFO			(515) 213-4158
CAPITAL MARKETS SUPPORT	TECHNICAL			(314) 703-2359
WELLS FARGO BANK, N.A./WACHOVIA	147-01	WBPT	SBO/OPTN	POOLNET
TROY AMODIO	MANAGER			(704) 410-5468
ALLOCATIONS HOTLINE	ALLOCATIONS HOTLINE			(704) 410-5100
MBSCC ALLOCATIONS	mbs.allocations@wellsfargo.com			(704) 410-5100
ALLOCATIONS/MBSCC FAX	ALLOCATIONS FAX			(704) 410-5989
GERALD DONNELLY	MARGIN			(704) 410-8123
JOHN COLE	MBS			(704) 724-3152
WELLS FARGO BANK, N.A./WACHOVIA II	215-01	FNBP	SBO	POOLNET
ERIK REINHART				(704) 593-7307
WELLS FARGO CLEARING SERVICES LLC	189-01	MBAG	SBO	POOLNET
NICHOLAS CROW	MANAGER			(612) 478-3017
BRIDGETTE VUNETICH	SETTLEMENTS			(314) 875-7297
LYNN ZIMMER	SETTLEMENTS			(314) 875-7285
	Lawamda.Davis@firstclearing.com			
WELLS FARGO SECURITIES, LLC	956-01	WFSA	SBO/OPTN	POOLNET
SEE WELLS FARGO BANK, N.A./WACHOVIA (WBPT)	mbs.allocations@wellsfargo.com			