

October 2nd, 2020

# Fixed Income Clearing Corporation

MBS Division

## *EPN Contact List*

Please review the information and email any modifications to: [MBSallocations@dtcc.com](mailto:MBSallocations@dtcc.com)

### **Contact Information**

|   |  |
|---|--|
| EPN Support (Technical issues) Allocation Hotline | <a href="mailto:epnsupport@dtcc.com">epnsupport@dtcc.com</a><br>212-855-7886 |
| 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 MBS Allocations with any changes or updates to keep this data current.

Verify your contact information below and e-mail [MBSallocations@dtcc.com](mailto:MBSallocations@dtcc.com) with any updates or changes.

| <u>Participant</u>                                  | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|------------------------------|---------------|-------------------------------------|
| <b>AEGON USA INVESTMENT MANAGEMENT, INC.</b>        | <b>265</b>                   | <b>AEGN</b>   | <b>PRODUCTION</b>                   |
| MATT KINNEY   | SUPERVISOR                   |               | (319) 355-5867                      |
| RENELL STRAIT                                       | POOL INFO                    |               | (319) 355-2645                      |
| CATHY MAY   | POOL INFO                    |               | (319) 355-2398                      |
| TARA BULMAN   | POOL INFO                    |               | (319) 355-8826                      |
| BRIAN PECINOVSKY                                    | TECHNICAL                    |               | (319) 355-7978                      |
| <b>AIG GLOBAL INVESTMENT CORP.</b>                  | <b>238</b>                   | <b>AGIM</b>   | <b>PRODUCTION</b>                   |
| RAPHAEL DAVIS                                       | VP PORTFOLIO MANAGER         |               | (212) 770-9344                      |
| JAMIE ROBERTS                                       | OPERATIONS MANAGER           |               | (212) 770-8799                      |
| RYAN FULMER   | MBS TRADER                   |               | (212) 770-9343                      |
| BRIAN HALLERAN                                      | POOL INFO                    |               | (212) 770-8835                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO           |                              |               |                                     |
| <b>AIM ADVISORS, INC.</b>                           | <b>304</b>                   | <b>AIMA</b>   | <b>PRODUCTION</b>                   |
| LAURA PAINE   | SUPERVISOR                   |               | (502) 561-3273                      |
| DAVID DAILY   | POOL INFO                    |               | (502) 588-2404                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO           |                              |               |                                     |
| <b>ALLIANCE CAPITAL MANAGEMENT, L.P.</b>            | <b>240</b>                   | <b>MACM</b>   | <b>PRODUCTION</b>                   |
| TAMARA MOLINARY                                     | MANAGER                      |               | (914) 993-2906                      |
| MANNY POLANCO                                       | POOL INFO                    |               | (914) 993-2878                      |
| MICHAEL MOSCARELLI                                  | POOL INFO                    |               | (914) 993-2905                      |
| SANGEETA MUDDASSANI                                 | TECHNICAL                    |               | (212) 887-3108                      |
| SHIMMON SCHWARTZ                                    | TECHNICAL                    |               | (212) 887-2225                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO           |                              |               |                                     |
| <b>AMERIPRISE FINANCIAL SERVICES, INC.</b>          | <b>243</b>                   | <b>AEFA</b>   | <b>PRODUCTION</b>                   |
| JOHANNES MANLAPAZ                                   | MANAGER                      |               | (612) 671-7569                      |
| DAVID CRASS   | POOL INFO                    |               | (612) 678-5126                      |
| TONY BANSON   | POOL INFO                    |               | (612) 678-1050                      |
| JEFF DOBIER   | TECHNICAL                    |               | (612) 671-0442                      |
| ERIN JENSON   | POOL INFO                    |               | (612) 678-6290                      |
| <b>AMHERST PIERPONT SECURITIES LLC</b>              | <b>445</b>                   | <b>PPTS</b>   | <b>PRODUCTION</b>                   |
| MARK TOOMER   | MBS ALLOCATIONS/OPERATIONS   |               | (302) 533-2915                      |
| MARK CATALANO                                       | MBS OPERATIONS               |               | (203) 428-2523                      |
| DIANE GUILLAUME                                     |                              |               | (713) 888-9126                      |
| TRADE ASSIGNMENTS                                   |                              |               |                                     |
| JOHN DUDAS  | MBS SETTLEMENTS MANAGER      |               | (302) 533-2905                      |
| ALLOCATIONS EMAIL                                   | Operations@apsec.com         |               |                                     |
| <b>AMUNDI PIONEER ASSET MANAGEMENT, INC</b>         | <b>479</b>                   | <b>PIMI</b>   | <b>PRODUCTION</b>                   |
| ANTHONY J. KOENIG                                   | SVP, CHIEF OF STAFF          |               | (617) 422-4697                      |
| JOSIELY HERMIDA                                     |                              |               | (617) 422-4831                      |
| <b>AMUNDI PIONEER INSTITUTIONAL ASSET MGMT, INC</b> | <b>204</b>                   | <b>SBRE</b>   | <b>PRODUCTION</b>                   |
| AMY ARGANBRIGHT                                     | DIRECTOR                     |               | (919) 967-7221                      |
| BRIAN CUMMINGS                                      | MANAGER                      |               | (919) 967-7221                      |
| SUE FURMAN  | SETTLEMENTS / ALLOCATIONS    |               | (919) 967-7221                      |
| KATRINA FOSKEY                                      | SETTLEMENTS / ALLOCATIONS    |               | (919) 967-7221                      |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>   | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>  |
|--|--|---------------|--|
| <b>APEX CLEARING CORPORATION</b><br>ERROL A JONAS<br>ALLOCATIONS<br>TRADE ASSIGNMENTS FAX#<br>ALLOCATIONS FAX  | <b>364</b><br>SUPERVISOR<br>MBSCC  | <b>ADPC</b>   | <b>PRODUCTION</b><br>(516) 472-5080<br>(866) 502-7369<br>(646) 390-3328<br>(516) 472-5404  |
| <b>APG ASSET MANAGEMENT US INC</b><br>KELLIE CHAPPELL<br>MARTELLA NODA<br>LARA RASKIN<br>HANS LANSLOTS<br>SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO                              | <b>268</b><br>VP - POOL INFO<br>VP - POOL INFO<br>AVP - POOL INFO<br>TECHNICAL | <b>ABPI</b>   | <b>PRODUCTION</b><br>(917) 368-3527<br>(917) 368-3524<br>(917) 368-2422<br>(917) 360-3501  |
| <b>ARCOLA SECURITIES, INC.</b><br>JASON KUMP   | <b>447</b><br>MANAGER  | <b>RCAP</b>   | <b>PRODUCTION</b><br>(646) 829-0141  |
| <b>BABSON CAPITAL MANAGEMENT LLC</b><br>MARGO MOODY<br>MELISSA MILLER<br>CHAD WOODYARD<br>COLLEEN GOSSELIN   | <b>444</b><br>ASSOCIATE DIRECTOR<br>DIRECTOR OPERATIONS<br><br>TECHNICAL       | <b>BCML</b>   | <b>PRODUCTION</b><br>(413) 226-1832<br>(413) 226-1316<br>(413) 226-1313<br>(413) 226-0565  |
| <b>BANK OF AMERICA, N.A.</b><br>BRAD HARRIS<br>ALLOCATIONS / POOL INFO   | <b>252</b><br>MANAGER  | <b>BACI</b>   | <b>PRODUCTION</b><br>(980) 386-9430<br>(980) 386-9430  |
| <b>BANK OF AMERICA, N.A.</b><br>SEE BANK OF AMERICA, N.A. (BACI)   | <b>252</b>   | <b>BACW</b>   | <b>PRODUCTION</b>  |
| <b>BANK OF AMERICA, N.A.</b><br>SEE BANK OF AMERICA, N.A. (BACI)   | <b>252</b>   | <b>BAFS</b>   | <b>PRODUCTION</b>  |
| <b>BANK OF AMERICA, N.A.</b><br>SEE BANK OF AMERICA, N.A. (BACI)   | <b>252</b>   | <b>BAML</b>   | <b>PRODUCTION</b>  |
| <b>BANK OF AMERICA, N.A.</b><br>SEE BANK OF AMERICA, N.A. (BACI)   | <b>252</b>   | <b>BAMR</b>   | <b>PRODUCTION</b>  |
| <b>BANK OF OKLAHOMA N.A.</b><br>JOHN COFFMAN<br>DORLINDA DILL<br>SUSAN LEDFORD<br>DREW JUDD<br>RICHARD RUMSEY  | <b>305</b><br>VP<br>POOL INFO<br>POOL INFO<br>POOL INFO<br>TECHNICAL           | <b>BOKF</b>   | <b>PRODUCTION</b><br>(405) 272-2088<br>(405) 272-2010<br>(405) 272-2210<br>(405) 272-2162<br>(405) 951-0210  |
| <b>BARCLAYS CAPITAL INC.</b><br>KRISTIAN HAKANSON<br>ALLOCATIONS HOTLINE<br>MBS/GOV'T CLEARANCE<br>FICC HOTLINE<br>ALLOCATION E-MAIL<br>ASSIGNMENT E-MAIL<br>TBA PAIR OFF E-MAIL | <b>350</b><br>VP   | <b>BCAP</b>   | <b>PRODUCTION</b><br>(212) 320-7397<br>(201) 499-0388<br>(201) 499-2860<br>(201) 499-3076  |
|  |  |               | <a href="mailto:mbsallocation@barclays.com">mbsallocation@barclays.com</a><br><a href="mailto:xrambscctradeassignm@barclays.com">xrambscctradeassignm@barclays.com</a><br><a href="mailto:mbsasstsvrg@barclays.com">mbsasstsvrg@barclays.com</a> |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>  | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>   |
|--|---|---------------|---|
| <b>BETHESDA SECURITIES LLC.</b><br>ANDREW SULLIVAN<br>OPERATIONS GROUP<br>OPERATIONS EMAIL   | <b>420</b><br>MANAGER<br><br><i>BethOps@BethesdaSecurities.com</i>  | <b>BETH</b>   | <b>PRODUCTION</b><br>(203) 429-0724<br>(203) 429-0714   |
| <b>BGC FINANCIAL L.P.</b><br>SEE BGC FINANCIAL L.P. (FCGB)   | <b>409</b>  | <b>EBKR</b>   | <b>PRODUCTION</b>   |
| <b>BGC FINANCIAL, L.P.</b><br>JAMES DEMARINIS<br>KEITH FLEMM<br>DANIEL YIP<br>HENRY ROSENBLUM<br>FAX   | <b>409</b><br>MANAGING DIRECTOR<br>SENIOR VICE PRESIDENT<br>MBSCC<br>SENIOR VICE PRESIDENT  | <b>FCGB</b>   | <b>PRODUCTION</b><br>(212) 610-7044<br>(212) 610-2462<br>(212) 610-2442<br>(904) 598-9308<br>(212) 829-4914                                     |
| <b>BLACKROCK, INC.</b><br>DREW BURTON<br>JACK FONDACARO<br>HELEN ZHANG<br>JAMES STEWART<br>HOTLINE<br>SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO                          | <b>253</b><br>MANAGER<br>MANAGER<br>TECHNICAL<br>TECHNICAL<br>TECHNICAL   | <b>BLRK</b>   | <b>PRODUCTION</b><br>(302) 797-6365<br>(302) 797-6052<br>(212) 810-3856<br>(415) 670-2043<br>(212) 810-3550                                     |
| <b>BMO CAPITAL MARKETS CORP</b><br>JOHN RAHM<br>ALLOCATIONS E-MAIL / FAX<br>ASSIGNMENTS EMAIL / FAX<br>MARK GRANZOW<br>CHRIS WAGNER<br>ERIC ZALINKANSKAS<br>ROBERT VACCA | <b>484</b><br>MBS ALLOCATIONS<br>TBA.ALLOCATIONS@BMO.COM<br>MBS.TRADEASSIGN@BMO.COM<br>TECHNICAL<br>BILLING<br>MBS ALLOCATIONS<br>MANAGER | <b>BMOC</b>   | <b>PRODUCTION</b><br>(646) 658-3930<br>(262) 860-3111<br>(262) 860-3112<br>(312) 461-6207<br>(312) 845-5030<br>(646) 640-1262<br>(646) 640-1260 |
| <b>BNP PARIBAS SECURITIES CORP</b><br>STEVE MISISCHIA<br>POOL INFO<br>FAX<br>FRED SCHEIER<br>ALLOCATION EMAIL  | <b>346</b><br>MANAGING DIRECTOR<br>POOL INFO<br><br>TECHNICAL<br><i>mbs.allocations@americas.bnpparibas.co</i>                            | <b>BNPP</b>   | <b>PRODUCTION</b><br>(212) 841-3693<br>(212) 841-2479<br>(929) 226-6959<br>(212) 841-3176   |
| <b>BNP PARIBAS SECURITIES CORP.</b><br>SEE BNP PARIBAS SECURITIES (BNPP)   | <b>346</b>  | <b>BFRN</b>   | <b>PRODUCTION</b>   |
| <b>BNP PARIBAS SECURITIES CORP.</b><br>SEE BNP PARIBAS SECURITIES (BNPP)   | <b>346</b>  | <b>BNPX</b>   | <b>PRODUCTION</b>   |
| <b>BNP PARIBAS SECURITIES CORP.</b><br>SEE BNP PARIBAS SECURITIES (BNPP)   | <b>346</b>  | <b>BPAR</b>   | <b>PRODUCTION</b>   |
| <b>BNY MELLON CAPITAL MARKETS, LLC</b><br>ANNEMARIE BOWMAN<br>NICOLE ENGLISH<br>UMAMAHESWARI SRINIVASAN<br>FAX<br>MBSCC HOTLINE  | <b>395</b><br>MANAGER/MBS<br>MBS<br>TECHNICAL   | <b>BNYM</b>   | <b>PRODUCTION</b><br>(908) 907-8941<br>(917) 822-8839<br>(212) 815-4566<br>(212) 815-6452<br>(212) 815-6411                                     |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>   | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>   |
|--|--|---------------|---|
| <b>BOFA SECURITIES, INC</b><br>BRAD HARRIS<br>POOL INFORMATION<br>LAURA MEIER<br>FAX   | <b>126</b><br>MANAGER<br>Dg.mbs_allocations@bankofamerica.com<br>TECHNICAL             | <b>MBNB</b>   | <b>PRODUCTION</b><br>(980) 386-9430<br>(980) 386-9430<br>(980) 386-8854<br>(704) 683-7206                   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA Securities, INC (MBNB)  | <b>126</b><br>Dg.mbs_allocations@bankofamerica.com                                     | <b>MBBA</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLCH</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLEC</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLFI</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLFS</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLKL</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLMN</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLPF</b>   | <b>PRODUCTION</b>   |
| <b>BOFA SECURITIES, INC.</b><br>SEE BOFA SECURITIES INC (MBNB)   | <b>371</b>   | <b>MLPK</b>   | <b>PRODUCTION</b>   |
| <b>BRANDYWINE GLOBAL INV</b><br><br>WALTER COPELAND<br>JOSEPH COLUCCIO<br>AMANDA CUNNINGHAM                                    | <b>478</b><br>OPERATIONS HOTLINE<br>DIRECTOR OF OPS<br>TECHNICAL<br>BILLING            | <b>BWGI</b>   | <b>PRODUCTION</b><br>(215) 609-3936<br>(215) 609-3651<br>(212) 617-6820<br>(215) 609-3567                   |
| <b>CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM (CAL</b><br>T.J KOPKASH<br>LILLIAN WINROW<br>RACHEL STARK<br>JAMES NOSS       | <b>222</b><br>MANAGER<br>POOL INFO<br>POOL INFO<br>TECHNICAL                           | <b>CALP</b>   | <b>PRODUCTION</b><br>(916) 795-9179<br>(916) 795-4029<br>(916) 795-4029<br>(916) 795-3541                   |
| <b>CALIFORNIA STATE TEACHERS RETIREMENT SYSTEM</b><br>DEBRA SMITH<br>DIEGO SANCHEZ<br>MATTHEW SCHOTT<br>OPERATIONS BROKER LINE | <b>383</b><br>MANAGER<br>POOL INFORMATION<br>TECHNICAL                                 | <b>CSTR</b>   | <b>PRODUCTION</b><br>(916) 414-7560<br>(916) 414-7390<br>(916) 414-7394<br>(916) 414-7398                   |
| <b>CANTOR FITZGERALD &amp; CO</b><br>JAMES DEMARINIS<br>KEITH FLEMM<br>DANIEL YIP<br>HENRY ROSENBLUM<br>FAX                    | <b>105</b><br>SENIOR VICE PRESIDENT<br>SENIOR VICE PRESIDENT<br>POOL INFO/MBSCC<br>SVP | <b>CANT</b>   | <b>PRODUCTION</b><br>(212) 829-7044<br>(212) 610-2462<br>(212) 610-2442<br>(904) 598-9308<br>(212) 968-4869 |

| <u>Participant</u>                                | <u>Part#</u><br><u>Title</u>        | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|-------------------------------------|---------------|-------------------------------------|
| <b>CAPITAL GROUP RESEARCH, INC.</b>               | <b>259</b>                          | <b>CAPG</b>   | <b>PRODUCTION</b>                   |
| JASON LEAKE                                       | SENIOR MANAGER                      |               | (310) 996-6005                      |
| DAVID NGO   | POOL INFO                           |               | (310) 996-6341                      |
| DAN HALL  | POOL INFO                           |               | (310) 996-6336                      |
| DIANA AHUMADA                                     | POOL INFO                           |               | (310) 444-6752                      |
| GIRISH PATIL                                      | TECHNICAL                           |               | (310) 996-6505                      |
| <b>CAPITAL ONE BANK USA NA</b>                    | <b>423</b>                          | <b>CAPB</b>   | <b>PRODUCTION</b>                   |
| SARAH MOY   | MANAGER                             |               | (703) 720-2046                      |
| MATT CARLSON                                      | SENIOR ASSOCIATE                    |               | (703) 720-3599                      |
| ALLOCATIONS EMAIL                                 | securitiesoperations@capitalone.com |               |                                     |
| <b>CAPITAL ONE BANK USA NA</b>                    | <b>423</b>                          | <b>CAPL</b>   | <b>PRODUCTION</b>                   |
| SEE CAPITAL ONE BANK USA NA (CAPB)                |                                     |               |                                     |
| <b>CAPITAL ONE BANK USA NA</b>                    | <b>423</b>                          | <b>COBN</b>   | <b>PRODUCTION</b>                   |
| SEE CAPITAL ONE BANK USA NA (CAPB)                |                                     |               |                                     |
| <b>CAPITAL ONE BANK USA NA</b>                    | <b>423</b>                          | <b>COLN</b>   | <b>PRODUCTION</b>                   |
| SEE CAPITAL ONE BANK USA NA (CAPB)                |                                     |               |                                     |
| <b>CAPITAL ONE N.A.</b>                           | <b>422</b>                          | <b>CAPN</b>   | <b>PRODUCTION</b>                   |
| SARAH MOY   | MANAGER                             |               | (703) 720-2046                      |
| MATT CARLSON                                      | ALLOCATIONS/SETTLEMENT              |               | (703) 720-3599                      |
| SEAN COPLEY                                       | ALLOCATIONS/SETTLEMENT              |               |                                     |
| BRANDON ZEMAN                                     | ALLOCATIONS/SETTLEMENT              |               |                                     |
| ALLOCATIONS EMAIL                                 | securitiesoperations@capitalone.com |               |                                     |
| <b>CAPITAL ONE N.A.</b>                           | <b>422</b>                          | <b>CONA</b>   | <b>PRODUCTION</b>                   |
| SEE CAPITAL ONE, NA (CAPN)                        |                                     |               |                                     |
| <b>CF SECURED, LLC</b>                            | <b>485</b>                          | <b>CFSL</b>   | <b>PRODUCTION</b>                   |
| SEE CANTOR FITZGERALD & CO (CANT)                 |                                     |               |                                     |
| <b>CHARLES SCHWAB INVESTMENT MANAGEMENT, INC.</b> | <b>325</b>                          | <b>CSIM</b>   | <b>PRODUCTION</b>                   |
| MICHAEL GREEN                                     | MANAGER                             |               | (415) 667-7074                      |
| MELANIE V. FRANCIS                                | MANAGER                             |               | (415) 667-7074                      |
| ERIC SPRECHT                                      | MANAGER                             |               | (720) 418-6920                      |
| <b>CITADEL GLOBAL FIXED INC MASTER FD LTD</b>     | <b>433</b>                          | <b>CITE</b>   | <b>PRODUCTION</b>                   |
| 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                      |
| <b>CITADEL SECURITIES LLC</b>                     | <b>432</b>                          | <b>CITD</b>   | <b>PRODUCTION</b>                   |
| 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                      |

| <u>Participant</u> | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--------------------|------------------------------|---------------|-------------------------------------|
| <b>CITIBANK NA</b> | <b>540</b>                   | <b>CBNA</b>   | <b>PRODUCTION</b>                   |
| 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                      |
| <b>CITIBANK NA</b> | <b>465</b>                   | <b>CBTY</b>   | <b>PRODUCTION</b>                   |
| 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                      |

| <u>Participant</u>                       | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--|------------------------------|---------------|-------------------------------------|
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MBSL</b>   | <b>PRODUCTION</b>                   |
| ALLOCATION HOTLINE                       | mtgallocators@citi.com       |               | (716) 730-8009                      |
| FICC HOTLINE                             | FICC                         |               | (716) 730-8010                      |
| SPECIAL ACCOUNT HOTLINE                  | SPECIAL                      |               | (716) 730-8011                      |
| DANIEL GARTLAND                          | AVP ALLOCATIONS              |               | (716) 730-6023                      |
| 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                      |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MCLA</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MCLB</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MCLC</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MCLD</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MCLE</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCF</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCM</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCT</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCU</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCV</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCW</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMCZ</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMDA</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMDB</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMDE</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMDH</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMDI</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL) |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>      | <b>140</b>                   | <b>MMDL</b>   | <b>PRODUCTION</b>                   |



| <u>Participant</u>                                    | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|------------------------------|---------------|-------------------------------------|
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBAP</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBCB</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBCP</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBGT</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBMS</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBRV</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC</b>                   | <b>140</b>                   | <b>WBSP</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC / ANTHRACITE FUND</b> | <b>140</b>                   | <b>ANTH</b>   | <b>PRODUCTION</b>                   |
| POOL INFORMATION                                      |                              |               | (212) 615-9234                      |
| BARRINGTON SHARPE                                     | TECHNICAL                    |               | (201) 231-2030                      |
| <b>CITIGROUP GLOBAL MARKETS INC.</b>                  | <b>140</b>                   | <b>MBSM</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC.</b>                  | <b>140</b>                   | <b>MMCN</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC.</b>                  | <b>140</b>                   | <b>MMCY</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC.</b>                  | <b>140</b>                   | <b>MMDC</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 06</b>       | <b>140</b>                   | <b>MMDF</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 07</b>       | <b>140</b>                   | <b>MMDG</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 10</b>       | <b>140</b>                   | <b>MMCL</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 11</b>       | <b>140</b>                   | <b>SBSG</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 12</b>       | <b>140</b>                   | <b>SBSF</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 21</b>       | <b>140</b>                   | <b>CGMB</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 31</b>       | <b>140</b>                   | <b>CGSF</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 57</b>       | <b>140</b>                   | <b>MBSQ</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 74</b>       | <b>140</b>                   | <b>MMBC</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 75</b>       | <b>140</b>                   | <b>MMBD</b>   | <b>PRODUCTION</b>                   |
| SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)              |                              |               |                                     |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>       | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--|------------------------------------|---------------|-------------------------------------|
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 76</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBF</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 79</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBI</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 80</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBJ</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 82</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBN</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 84</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBP</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 85</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBQ</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 87</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMBS</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS INC. SPECIAL 97</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i> | <b>140</b>                         | <b>MMCC</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS, INC</b><br><i>SEE CITIGROUP GLOBAL MARKETS INC. (MBSL)</i>            | <b>140</b>                         | <b>MMCP</b>   | <b>PRODUCTION</b>                   |
| <b>CITIGROUP GLOBAL MARKETS, INC</b><br>CAROL LAUDENBACH   | <b>140</b><br>POOL INFO            | <b>MMEB</b>   | <b>PRODUCTION</b><br>(636) 261-0433 |
| ELLEN LYNCH  | POOL INFO                          |               | (636) 261-0437                      |
| MATT MAYO  | POOL INFO                          |               | (636) 261-9837                      |
| MICHAEL M KO   | POOL INFO                          |               | (636) 261-0053                      |
| FC US CMI Trade Ops  | fc.us.cmi.trade.ops@imcnam.ssm.com |               |                                     |
| <b>COMPASS BANK</b><br>MARK WARREN   | <b>216</b><br>VP                   | <b>COBK</b>   | <b>PRODUCTION</b><br>(205) 297-7584 |
| PATRICIA BEST  | POOL INFO                          |               | (205) 297-7511                      |
| SHARON CLIFT   | POOL INFO                          |               | (205) 297-7549                      |
| KAREN NELSON   | POOL INFO                          |               | (205) 297-7506                      |
| CRYSTAL CHEATWOOD  | MANAGER                            |               | (205) 297-6658                      |
| KIMBERLY LENOIR  | TECHNICAL                          |               | (205) 297-7524                      |
| STACY NICHOLSON  | TECHNICAL                          |               | (205) 297-6621                      |
| <b>CREDIT SUISSE AG NY BRANCH</b><br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>          | <b>117</b>                         | <b>CSAG</b>   | <b>PRODUCTION</b>                   |

| <u>Participant</u>  | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|------------------------------|---------------|-------------------------------------|
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>  | 116                          | FBDE          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>  | 116                          | FBDJ          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>  | 116                          | FBDK          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITES (USA) LLC (MBFB)</i>   | 116                          | FBDW          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>  | 116                          | FBEA          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>  | 116                          | FBEE          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>  | 116                          | FBEF          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEG          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEI          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEJ          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEK          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEO          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEP          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBES          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBET          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEX          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEY          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBEZ          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBFC          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBFD          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBFE          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBFG          | PRODUCTION                          |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i> | 116                          | FBFI          | PRODUCTION                          |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>                                       | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>  |
|--|--|---------------|--|
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i>                                | 116  | FBFK          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i>                                | 116  | FBFP          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i>                                | 116  | FBFR          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i>                                | 116  | FBFU          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC. (MBFB)</i>                                | 116  | FBFV          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | FBFZ          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | FBGA          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | FBGB          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | FBGD          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | FBMJ          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | FBMN          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | MBFO          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | MBFR          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                                 | 116  | MCSI          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC OMNIBUS 11<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                      | 116  | MBFY          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC OMNIBUS 14<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                      | 116  | FBMA          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC OMNIBUS 15<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                      | 116  | FBMB          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC OMNIBUS 17<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                      | 116  | FBMD          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC OMNIBUS 6<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                       | 116  | MBFI          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA) LLC OMNIBUS 8<br><i>SEE CREDIT SUISSE SECURITIES (USA) LLC (MBFB)</i>                       | 116  | MBFK          | PRODUCTION   |
| CREDIT SUISSE SECURITIES (USA), LLC<br>JACK FONDACARO<br>KIMBERLY CANNIZZARO<br>ALLOCATIONS<br>ALLOCATIONS<br>STEPHEN SHIH | 116<br>DIRECTOR<br>VP<br>HOTLINE (NY)<br>HOTLINE (NC)<br>TECHNICAL | MBFB          | PRODUCTION<br>(212) 538-3599<br>(919) 994-6031<br>(212) 538-7215<br>(919) 994-6030<br>(212) 538-6967 |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>  | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>   |
|--|---|---------------|---|
| <b>CREF / SOCIAL CHOICE ACCOUNT</b><br>SEE CREF/BOND MARKET ACCOUNT (CBMA)   | <b>454</b>  | <b>CSOC</b>   | <b>PRODUCTION</b>   |
| <b>DAIWA CAPITAL MARKETS AMERICA INC.</b><br>MICHAEL RUGGIERO<br>JOSE REVILLA<br>MATTHEW COLLETTA<br>BRIAN HALLERAN<br>GROUP E-MAIL  | <b>373</b><br>DIRECTOR<br>ALLOCATIONS HOTLINE<br>MBS<br>MBS<br>TBA_MortgageAllocations@us.daiwacm.c | <b>DAIW</b>   | <b>PRODUCTION</b><br>(212) 612-6143<br>(212) 612-6145<br>(212) 612-6752<br>(212) 612-6792 |
| <b>DEALERWEB INC. / HF</b><br>VINCENT TORRES<br>CHRIS TILYOU<br>SATISH SUNDRI  | <b>121</b><br>VP<br>POOL INFO<br>TECHNICAL  | <b>MBEH</b>   | <b>PRODUCTION</b><br>(646) 484-4401<br>(212) 797-2115<br>(646) 484-2943                   |
| <b>DELAWARE INVESTMENTS US, INC.</b><br>JOE FIORILLA<br>DAVE HULLHORST<br>LINDA LILLARD<br>SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO | <b>337</b><br>MANAGER<br>POOL INFO<br>TECHNICAL   | <b>DIUS</b>   | <b>PRODUCTION</b><br>(215) 255-2321<br>(215) 255-1347<br>(215) 255-2824                   |
| <b>DEUTSCHE ASSET MANAGEMENT</b><br>SCOTT STEPHENS<br>MICHELE DUPREE<br>GROUP EMAIL  | <b>254</b><br>MANAGER<br>POOL INFO<br>MBS.TRADE.SUPPORT@LIST.DB.COM                                 | <b>SKII</b>   | <b>PRODUCTION</b><br>(904) 527-6436<br>(904) 645-1320                                     |
| <b>DEUTSCHE BANK SECURITIES INC.</b><br>MIDWEST HOTLINE<br>MBS POOL INFORMATION<br>TRADE ASSIGNMENT FAX                              | <b>163</b><br>MBSCC   | <b>MBDB</b>   | <b>PRODUCTION</b><br>(904) 520-5496<br>(904) 520-5342<br>(904) 429-4078                   |
| <b>DUPONT CAPITAL MANAGEMENT CORPORATION</b><br>DOUG HENDERSON<br>PATRICK MULHERN<br>JAMES LACY                                      | <b>310</b><br>MANAGER<br>POOL INFORMATION<br>POOL INFORMATION                                       | <b>DUPT</b>   | <b>PRODUCTION</b><br>(302) 477-6156<br>(302) 477-6267<br>(302) 477-6038                   |
| <b>E*TRADE BANK</b><br>RASHEMAH MALLOY<br>JENNIFER SNYDER<br>MRUNAL SHAH   | <b>255</b><br>TREASURY DIRECTOR<br>MANAGER BANK INVSTMT OPS<br>ANALYST                              | <b>TBCM</b>   | <b>PRODUCTION</b><br>(703) 236-8296<br>(703) 236-8885<br>(703) 236-8243                   |
| <b>ED&amp;F MAN CAPITAL MARKETS INC</b><br>BRENT POSNER<br>RICHARD GILL  | <b>475</b>  | <b>EDFM</b>   | <b>PRODUCTION</b><br>(212) 618-2809<br>(212) 618-2863                                     |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>  | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>  |
|--|---|---------------|--|
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | EEIM          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | EFQL          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE EL0LLINGTON MANAGEMENT GROUP LLC (ELMF)                                      | 219   | ELAD          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | ELCO          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | ELFS          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | ELSO          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | ELST          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | EMOF          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | ERNS          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | ESMO          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC<br>SEE ELLINGTON MANAGEMENT GROUP LLC (ELMF)  | 219   | NEPM          | PRODUCTION   |
| ELLINGTON MANAGEMENT GROUP LLC AS INVESTMENT ADVI<br>JOSEPH COLLINS<br>POOL INFO<br>VICTOR HERNANDEZ               | 285<br>MANAGER<br>POOL INFO<br>TECHNICAL  | ELMF          | PRODUCTION<br>(203) 409-3718<br>(203) 409-3540<br>(203) 409-3724   |
| FANNIE MAE<br>BOB LEUCHTMANN<br>C.J.FELDHEIM<br>ALLOCATIONS HOTLINE<br>RTTM HOTLINE<br>JOHN WALLACE<br>TIM FIEFFER | 145<br>DIRECTOR<br>MANAGER - RTTM, TRADE NET, NOS<br>EPN POOL NETTING<br>RTTM & NOS<br>TECHNICAL<br>MANAGER - TECHNICAL | MBFN          | PRODUCTION<br>(202) 752-4327<br>(202) 752-3679<br>(202) 752-5384<br>(202) 243-5423<br>(202) 752-5303<br>(703) 833-7830 |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>           | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>        |
|--|--|---------------|--|
| <b>FEDERAL HOME LOAN MORTGAGE CORP</b><br><i>SEE FEDERAL HOME LOAN MORTGAGE CORP (FHPT)</i>                    | <b>115</b>                             | <b>FMAC</b>   | <b>PRODUCTION</b>                          |
| <b>FEDERAL HOME LOAN MORTGAGE CORP</b><br><i>SEE FEDERAL HOME LOAN MORTGAGE CORP (FHPT)</i>                    | <b>115</b>                             | <b>FMEF</b>   | <b>PRODUCTION</b>                          |
| <b>FEDERAL HOME LOAN MORTGAGE CORP</b><br><i>JAKE KELLY</i>  | <b>115</b><br><i>DIRECTOR</i>          | <b>FMHG</b>   | <b>PRODUCTION</b><br><i>(212) 418-8902</i> |
| <i>BRAD GALOFARO</i>   | <i>MANAGER</i>                         |               | <i>(571) 382-5815</i>                      |
| <i>JORGE PEREZ</i>   | <i>ALLOCATIONS</i>                     |               | <i>(571) 382-5948</i>                      |
| <i>GENEVIEVE DUY</i>   | <i>RTTM</i>                            |               | <i>(703) 918-5433</i>                      |
| <i>TRINA CARTER</i>  | <i>TRADE ASSIGNMENT</i>                |               | <i>(571) 382-5699</i>                      |
| <b>FEDERAL HOME LOAN MORTGAGE CORP</b><br><i>JAKE KELLY</i>  | <b>115</b><br><i>DIRECTOR</i>          | <b>MFRE</b>   | <b>PRODUCTION</b><br><i>(212) 418-8902</i> |
| <i>BRAD GALOFARO</i>   | <i>MANAGER</i>                         |               | <i>(571) 382-5815</i>                      |
| <i>JORGE PAREZ</i>   | <i>ALLOCATIONS, RTTM</i>               |               | <i>(571) 382-5948</i>                      |
| <i>TYLER HANLEY</i>  | <i>ALLOCATIONS</i>                     |               | <i>(703) 903-4001</i>                      |
| <b>FEDERAL HOME LOAN MORTGAGE CORP. (CASH PC AUCTION</b><br><i>JAKE KELLY</i>                                  | <b>115</b><br><i>DIRECTOR</i>          | <b>MBFA</b>   | <b>PRODUCTION</b><br><i>(212) 418-8902</i> |
| <i>BRAD GALOFARO</i>   | <i>MANAGER</i>                         |               | <i>(571) 382-5815</i>                      |
| <i>BRAD OPAR</i>   | <i>MBS/POOL INFO</i>                   |               | <i>(571) 382-5891</i>                      |
| <i>GENEVIEVE DUY</i>   | <i>MBS/POOL INFO</i>                   |               | <i>(703) 918-5433</i>                      |
| <b>FEDERAL HOME LOAN MORTGAGE CORP. (PORTFOLIO)</b><br><i>JAKE KELLY</i>                                       | <b>115</b><br><i>DIRECTOR</i>          | <b>FHPT</b>   | <b>PRODUCTION</b><br><i>(212) 418-8902</i> |
| <i>Brad Galofaro</i>   | <i>MANAGER</i>                         |               | <i>(571) 382-5708</i>                      |
| <i>OMAR JIMENEZ</i>  | <i>ALLOCATIONS, RTTM</i>               |               | <i>(571) 382-5849</i>                      |
| <i>TYLER HANLEY</i>  | <i>ALLOCATIONS, RTTM</i>               |               | <i>(703) 903-4001</i>                      |
| <i>JASON STROTHER</i>  | <i>RTTM</i>                            |               | <i>(571) 382-5811</i>                      |
| <b>FEDERAL HOME LOAN MORTGAGE CORP. (PORTFOLIO)</b><br><i>SEE FEDERAL HOME LOAN MORTGAGE CORPORATIO (MBFA)</i> | <b>115</b>                             | <b>FMSS</b>   | <b>PRODUCTION</b>                          |
| <b>FEDERAL RESERVE NEW YORK</b><br><i>ANNMARIE ROWE-STRAKER</i>  | <b>106</b><br><i>DIRECTOR OF OPS</i>   | <b>FRNY</b>   | <b>PRODUCTION</b><br><i>(212) 720-8060</i> |
| <i>RYAN HIRSCHEY</i>   | <i>TECHNICAL</i>                       |               | <i>(212) 720-5902</i>                      |
| <b>FIDELITY INVESTMENTS MONEY MANAGEMENT, INC.</b><br><i>ERICA CAIELLA-ROSSI</i>                               | <b>297</b><br><i>MANAGER/POOL INFO</i> | <b>FIDO</b>   | <b>PRODUCTION</b><br><i>(603) 881-2640</i> |
| <i>ALLOCATIONS HOTLINE</i>   | <i>ALLOCATIONS HOTLINE</i>             |               | <i>(603) 791-1435</i>                      |
| <i>MBS.ALLOCATIONS@FMR.COM</i>   | <i>MBS.ALLOCATIONS@FMR.COM</i>         |               |  |
| <b>FIRST HORIZON BANK</b><br><i>JODY TREGLE</i>  | <b>186</b><br><i>MANAGER</i>           | <b>FTEN</b>   | <b>PRODUCTION</b><br><i>(901) 435-8745</i> |
| <i>ERIC JANSS</i>  | <i>FHLMC ALLOCATIONS</i>               |               | <i>(212) 418-5064</i>                      |
| <i>KIM BLEDSOE</i>   | <i>MBSCC</i>                           |               | <i>(901) 435-4748</i>                      |

| <u>Participant</u>                                    | <u>Part#</u><br><u>Title</u>      | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|-----------------------------------|---------------|-------------------------------------|
| <b>FRANKLIN ADVISERS, INC.</b>                        | <b>225</b>                        | <b>FRTP</b>   | <b>PRODUCTION</b>                   |
| CESAR BLENGINO  | MIDDLE OFFICE CLIENT SUPPORT TEA  |               | (650) 312-3220                      |
| ELIDA ESPINO  | MIDDLE OFFICE CLIENT SERVICE ANAL |               | (954) 847-2302                      |
| PAUL PAGANELLI  | MIDDLE OFFICE CLIENT SERVICE SENI |               | (916) 463-1407                      |
| DEEPAK KUMAR  | TECHNICAL 91-40-66971565          |               |                                     |
| HAZEL CHONG   | TECHNICAL                         |               | (650) 312-3133                      |
| SASI BHUSAN PAPPALA                                   | TECHINCAL 91-40-669731626         |               |                                     |
| MATT ROZANSKI   | MIDDLE OFFICE CLIENT SERVICE      |               | (650) 312-6329                      |
| <b>FULTON BANK, NA</b>                                | <b>461</b>                        | <b>FLTN</b>   | <b>PRODUCTION</b>                   |
| 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                      |
| <b>GE ASSET MANAGEMENT INCORPORATED</b>               | <b>232</b>                        | <b>GNEI</b>   | <b>PRODUCTION</b>                   |
| JESSE ROBINSON  | VICE PRESIDENT                    |               | (203) 708-2778                      |
| LISA MARINI   | MANAGER, FIXED INCOME             |               | (203) 708-2802                      |
| MELANIE MAREGNIE                                      | SR. OPERATIONS ASSOCIATE          |               | (203) 708-3279                      |
| ANURAG MINOCHA  | APPLICATION MANAGER               |               | (203) 708-2811                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO             |                                   |               |                                     |
| <b>GOLDMAN SACHS ASSET MANAGEMENT L.P.</b>            | <b>179</b>                        | <b>GSAM</b>   | <b>PRODUCTION</b>                   |
| GREG ALLEN  |                                   |               | (212) 902-8900                      |
| POOL INFORMATION                                      |                                   |               | (917) 343-2079                      |
| POOL INFORMATION                                      |                                   |               | (917) 343-2080                      |
| SATYADEEP PATNAIK                                     | TECHNICAL                         |               | (212) 902-7004                      |
| FAX   |                                   |               | (212) 357-1228                      |
| <b>GOLDMAN, SACHS &amp; COMPANY. LLC</b>              | <b>119</b>                        | <b>MBGS</b>   | <b>PRODUCTION</b>                   |
| 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                      |
| <b>GUGGENHEIM PARTNERS INVESTMENT MANAGEMENT, LLC</b> | <b>490</b>                        | <b>GUGN</b>   | <b>PRODUCTION</b>                   |
| GEOFF DUDICK  | DIRECTOR OF OPS                   |               | (312) 357-0078                      |
| GHN-SERVICES@BLACKROCK.COM                            |                                   |               | (312) 827-0147                      |
| <b>HILLTOP SECURITIES INC</b>                         | <b>386</b>                        | <b>SWSI</b>   | <b>PRODUCTION</b>                   |
| 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                      |
| <b>HIMCO</b>  | <b>208</b>                        | <b>HMCO</b>   | <b>PRODUCTION</b>                   |
| CARA CARDELLO   | MANAGER                           |               | (860) 297-6883                      |
| CLAUDIA MCCALLA                                       | POOL INFO                         |               | (860) 297-6877                      |



| <u>Participant</u>  | <u>Part#</u><br><u>Title</u>   | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>  |
|---|--|---------------|--|
| <b>HSBC BANK USA, N.A.</b><br>ALLOCATIONS HOTLINE<br>SETTLEMENTS<br>GROUP EMAIL   | <b>217</b><br><br><br><i>FIS@US.HSBC.COM</i><br><i>FI.P&amp;S@US.HSBC.COM</i>                        | <b>MMBK</b>   | <b>PRODUCTION</b><br><i>(212) 525-0150</i>   |
| <b>ICAP SECURITIES USA LLC</b><br>SEE ICAP SECURITIES USA LLC (MGAR)  | <b>139</b>   | <b>MBER</b>   | <b>PRODUCTION</b>  |
| <b>ICAP SECURITIES USA LLC.</b><br>MICHAEL LEZZO<br>ALICE WILKINS<br>LAWRENCE GUTIERREZ<br>HOTLINE  | <b>139</b><br><i>SENIOR OPERATIONS MANAGER</i><br><i>MBS</i><br><i>MBS</i>                           | <b>MGAR</b>   | <b>PRODUCTION</b><br><i>(201) 209-7847</i><br><i>(212) 815-9367</i><br><i>(212) 815-6838</i><br><i>(212) 815-6690</i>                          |
| <b>INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL S</b><br>JOHN HOCK<br>HOTLINE<br>ALLOCATIONS/ASSIGNMENTS   | <b>441</b><br><i>DIRECTOR</i><br><br><i>FedOps@ICBKFS.com</i>  | <b>ICBK</b>   | <b>PRODUCTION</b><br><i>(212) 993-7321</i><br><i>(212) 993-7320</i>  |
| <b>INTERACTIVE BROKERS, LLC</b><br>BRIAN SUSSMAN<br>CLEARING OPERATIONS   | <b>487</b><br><i>VP CLEARING OPERATIONS</i><br><i>CLEARING OPERATIONS</i>                            | <b>INTB</b>   | <b>PRODUCTION</b><br><i>(203) 618-5768</i><br><i>(203) 618-8047</i>  |
| <b>INTERNATIONAL BANK FOR RECONSTRUCTION AND DEVELOP</b><br>GARY RICE<br>ELAINE SPENCER<br>KEVIN KLEIN<br>HOTLINE                                     | <b>428</b><br><i>MANAGER</i><br><i>POOL INFORMATION</i><br><i>POOL INFORMATION</i><br><i>MBS OPS</i> | <b>IBRD</b>   | <b>PRODUCTION</b><br><i>(202) 458-4884</i><br><i>(202) 477-8075</i><br><i>(202) 477-8075</i><br><i>(202) 477-8075</i>                          |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>SEE JP MORGAN CHASE BANK NATIONAL ASSOCIATION (MBBT)   | <b>148</b><br><i>cio_mbs_allocations@jpmorgan.com</i>  | <b>MAJS</b>   | <b>PRODUCTION</b><br><i>(302) 634-1842</i>   |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>Allocations  | <b>148</b><br><i>cio_mbs_allocations@jpmorgan.com</i>  | <b>MBAM</b>   | <b>PRODUCTION</b><br><i>(302) 634-1842</i>   |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>PAUL FARINA<br>PATRICK GIUDICE<br>MIKE McCARTHY<br>GOVINDARAJAN KRISHNASWAMY<br>POOL INFORMATION | <b>148</b><br><i>SVP</i><br><i>VP</i><br><br><i>TECHNICAL</i>  | <b>MBBT</b>   | <b>PRODUCTION</b><br><i>(212) 834-7317</i><br><i>(302) 634-1842</i><br><i>(212) 834-3702</i><br><i>(212) 622-1239</i><br><i>(302) 634-1842</i> |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>SEE JP MORGAN CHASE BANK NATIONAL ASSOCIATION (MBBT)   | <b>148</b>   | <b>MBCH</b>   | <b>PRODUCTION</b>  |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>SEE JP MORGAN CHASE BANK NATIONAL ASSOCIATION (MBBT)   | <b>148</b>   | <b>MBCI</b>   | <b>PRODUCTION</b>  |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>SEE JP MORGAN CHASE BANK NATIONAL ASSOCIATION (MBBT)   | <b>148</b>   | <b>MBCL</b>   | <b>PRODUCTION</b>  |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>ALLOCATIONS  | <b>148</b><br><i>cio_mbs_allocations@jpmorgan.com</i>  | <b>MBVL</b>   | <b>PRODUCTION</b><br><i>(302) 634-1842</i>   |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION</b><br>ALLOCATIONS  | <b>148</b><br><i>cio_mbs_allocations@jpmorgan.com</i>  | <b>MCBE</b>   | <b>PRODUCTION</b><br><i>(302) 634-1842</i>   |

| <u>Participant</u>  | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>        |
|---|------------------------------|---------------|--|
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION.</b><br><i>SEE JP MORGAN CHASE BANK NATIONAL ASSOCIATION (MBPF)</i> | <b>148</b>                   | <b>MBCZ</b>   | <b>PRODUCTION</b>                          |
| <b>J.P MORGAN CHASE BANK NATIONAL ASSOCIATION.</b><br><i>PAUL FARINA</i>  | <b>148</b><br><i>SVP</i>     | <b>MBPF</b>   | <b>PRODUCTION</b><br><i>(212) 834-7317</i> |
| <i>PATRICK GIUDICE</i>  | <i>VP</i>                    |               | <i>(302) 634-1842</i>                      |
| <i>MICHAEL MCCARTHY</i>   |                              |               | <i>(302) 634-2602</i>                      |
| <i>GESTATION HOTLINE</i>  |                              |               | <i>(302) 634-8671</i>                      |
| <b>J.P MORGAN INVESTMENT MANAGEMENT INC.</b><br><i>DANIELLE CARDER</i>  | <b>167</b><br><i>MANAGER</i> | <b>MBJI</b>   | <b>PRODUCTION</b><br><i>(614) 213-9155</i> |
| <i>MICHELLE PEPPER</i>  | <i>POOL INFO</i>             |               | <i>(614) 213-9176</i>                      |
| <i>KIM CLARK</i>  | <i>POOL INFO</i>             |               | <i>(614) 213-9176</i>                      |
| <i>ARVIND RAVINDRAN</i>   | <i>TECHNICAL</i>             |               | <i>(201) 595-1843</i>                      |
| <b>J.P. MORGAN SECURITIES</b><br><i>SEE JP MORGAN SECURITIES LLC (JPFD)</i>                                       | <b>103</b>                   | <b>JSZN</b>   | <b>PRODUCTION</b>                          |
| <b>J.P. MORGAN SECURITIES</b><br><i>SEE JP MORGAN SECURITIES (JPFD)</i>   | <b>103</b>                   | <b>JSZO</b>   | <b>PRODUCTION</b>                          |

| <u>Participant</u>  | <u>Part#</u><br><u>Title</u>                           | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>                              |
|---|--|---------------|--|
| <b>J.P. MORGAN SECURITIES LLC</b><br>PAUL FARINA<br>PATRICK GIUDICE<br>PB ALLOCATIONS HOTLINE | 103<br>SVP<br>VP<br><i>pb_allocations@jpmorgan.com</i> | JPFD          | PRODUCTION<br>(212) 834-7317<br>(302) 634-1842<br>(302) 634-1842 |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAA          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAC          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAE          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAG          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAI          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAK          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAN          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAO          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>J.P. MORGAN SECURITIES LLC (JPFD)                        | 103  | JSAP          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAQ          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAT          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAX          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAY          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSAZ          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBA          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBB          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBD          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBG          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBH          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBI          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>SEE J.P. MORGAN SECURITIES LLC (JPFD)                    | 103  | JSBM          | PRODUCTION   |

| <u>Participant</u>  | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|------------------------------|---------------|-------------------------------------|
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSCF          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSCG          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSCT          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN CLEARING CORP. (JPFD)</i> | 103                          | JSCW          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSEE          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSEV          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSFD          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSGB          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSGN          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSGU          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHB          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHG          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHH          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHI          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHN          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHP          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHQ          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHR          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHT          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHU          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHX          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSHZ          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSKJ          | PRODUCTION                          |

| <u>Participant</u>  | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|------------------------------|---------------|-------------------------------------|
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSLC          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSLP          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSMF          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSMH          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSML          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSMR          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSMT          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          |               | N                                   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSMW          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPB          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPH          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPI          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPM          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPN          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPQ          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPU          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPW          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPX          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPY          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSPZ          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSSC          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSSU          | PRODUCTION                          |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i> | 103                          | JSUD          | PRODUCTION                          |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>   | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>  |
|--|--|---------------|--|
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWC          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWE          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWG          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWI          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWK          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWL          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWM          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWN          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWO          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWP          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWQ          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSWR          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSYA          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSYB          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>  | 103  | JSYF          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES LLC</b><br>PAUL FARINA<br>PATRICK GIUDICE<br>BENJAMIN STONER<br>ALLOCATIONS<br>TRADE ASSIGNMENTS | 107<br>SVP<br>VP<br>MBSCC<br><i>mbs.allocations@jpmorgan.com</i><br><i>MBS.TradeAssignments@JPMorgan.com</i> | MBCE          | PRODUCTION<br>(212) 834-7317<br>(302) 634-1842<br>(302) 634-8434<br>(302) 634-1842 |
| <b>J.P. MORGAN SECURITIES, LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>   | 103  | JSAV          | PRODUCTION   |
| <b>J.P. MORGAN SECURITIES, LLC</b><br><i>SEE J.P. MORGAN SECURITIES LLC (JPFD)</i>   | 103  | JSAW          | PRODUCTION   |

| <u>Participant</u>                              | <u>Part#</u><br><u>Title</u>     | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|----------------------------------|---------------|-------------------------------------|
| <b>JANNEY MONTGOMERY SCOTT LLC</b>              | <b>458</b>                       | <b>JMSL</b>   | <b>PRODUCTION</b>                   |
| JOSEPH AZOR                                     | SETTLEMENT INFORMATION           |               | (215) 665-1228                      |
| MIDDLE OFFICE                                   | POOL INFORMATION                 |               | (215) 665-6621                      |
| JOSEPH CLEMENT                                  | SETTLEMENT INFORMATION           |               | (215) 665-6065                      |
| EDWARD COLLOTON                                 | MANAGER                          |               | (215) 665-6597                      |
| KEVIN SOUDER                                    |                                  |               | (215) 665-4505                      |
| MARK GRESS                                      |                                  |               | (215) 665-6247                      |
| ALAN SMITH                                      |                                  |               | (215) 665-6300                      |
| MARK KOBZAR                                     |                                  |               | (215) 665-1654                      |
| CARRIE PAPP                                     | TECHNICAL                        |               | (215) 665-6276                      |
| <b>JEFFERIES LLC</b>                            | <b>435</b>                       | <b>JEFF</b>   | <b>PRODUCTION</b>                   |
| JULIUS PELLEGRITO                               | VP / MANAGER                     |               | (201) 761-7672                      |
| ALLOCATIONS                                     | JEFFERIESMBSALLOC@Broadridge.com |               | (201) 793-9111                      |
| <b>JP MORGAN CHASE BANK NA</b>                  | <b>164</b>                       | <b>MBCG</b>   | <b>PRODUCTION</b>                   |
| JOSEPH T. TESTAVERDI                            | VP                               |               | (201) 356-0939                      |
| ROSELIE VERDESOTO                               | MBSCC                            |               | (201) 356-0941                      |
| PHIL PERCI                                      | MBSCC                            |               | (201) 356-0935                      |
| TRADE SUPPORT GROUP                             | CMRM.TRADE.SUPPORT@CHASE.COM     |               |                                     |
| <b>LIBERTY MUTUAL GROUP INC.</b>                | <b>430</b>                       | <b>LMUT</b>   | <b>PRODUCTION</b>                   |
| EMDADUR RAHMAN                                  |                                  |               | (857) 224-6343                      |
| STEPHEN VACCARO                                 |                                  |               | (617) 654-4722                      |
| TARIK EMARA                                     |                                  |               | (857) 224-2967                      |
| SELINA INGERSOLL                                |                                  |               | (617) 574-5540                      |
| EDVIN KUMI                                      |                                  |               | (857) 224-4542                      |
| <b>LOOMIS, SAYLES &amp; COMPANY, LP</b>         | <b>379</b>                       | <b>LOOM</b>   | <b>PRODUCTION</b>                   |
| JAN SHARP                                       | MANAGER                          |               | (617) 346-9855                      |
| DEVON MCKENNA                                   | POOL INFO                        |               | (617) 960-2041                      |
| BRIAN URETZKY                                   | POOL INFO                        |               | (617) 346-9764                      |
| PHYLLIS HANSON                                  | TECHNICAL                        |               | (617) 748-1749                      |
| <b>LORD, ABBETT &amp; CO., LLC</b>              | <b>280</b>                       | <b>LORD</b>   | <b>PRODUCTION</b>                   |
| AL DIDONATO                                     | MANAGER                          |               | (201) 827-2604                      |
| KEVIN YUAN                                      | SUPERVISOR                       |               | (201) 827-2158                      |
| REBECCA DONDIEGO                                | POOL INFO                        |               | (201) 827-2503                      |
| LENA MEDOVOY                                    | POOL INFO                        |               | (201) 827-2806                      |
| MITESH RAJANI                                   | TECHNICAL                        |               | (201) 827-2671                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO       |                                  |               |                                     |
| <b>MACQUARIE MANAGEMENT HOLDINGS, INC</b>       | <b>439</b>                       | <b>DMHI</b>   | <b>PRODUCTION</b>                   |
| JOE FIORILLA                                    | MANAGER                          |               | (212) 255-2321                      |
| DAVE HULLHORST                                  | POOL INFO                        |               | (215) 255-1347                      |
| LINDA LILLARD                                   | TECHNICAL                        |               | (215) 255-2824                      |
| <b>MANULIFE ASSET MANAGEMENT (US) LLC</b>       | <b>456</b>                       | <b>MANU</b>   | <b>PRODUCTION</b>                   |
| JOAN RIEDEL                                     | DIRECTOR                         |               | (617) 375-1763                      |
| JOSEPH ROTHWELL                                 | TEAM LEADER                      |               | (617) 375-4752                      |
| ALEXIS HETHERINGTON                             | TECHNICAL                        |               | (617) 375-1859                      |
| <b>MASSACHUSETTS FINANCIAL SERVICES COMPANY</b> | <b>463</b>                       | <b>MFSC</b>   | <b>PRODUCTION</b>                   |
| MATT PARKER                                     | MANAGER                          |               | (617) 954-5313                      |

| <u>Participant</u>                           | <u>Part#</u><br><u>Title</u>      | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--|-----------------------------------|---------------|-------------------------------------|
| <b>MELLON CAPITAL MANAGEMENT CORPORATION</b> | <b>384</b>                        | <b>MCMC</b>   | <b>PRODUCTION</b>                   |
| MCM MIDDLE OFFICE AND SETTLEMENT GROUPS      | CLEAR-FIXEDINCOME@MCM.COM         |               |                                     |
| MCM MIDDLE OFFICE AND SETTLEMENT GROUPS      | FI-SETTLEMENT@MCM.COM             |               |                                     |
| ALI SCOTT                                    | MANAGER                           |               | (415) 975-3416                      |
| CESAR BLENGINO                               | POOL INFORMATION                  |               | (415) 975-2303                      |
| AGGIE ZAU                                    | POOL INFORMATION                  |               | (415) 975-3151                      |
| <b>METROPOLITAN LIFE INS CO.</b>             | <b>341</b>                        | <b>METL</b>   | <b>PRODUCTION</b>                   |
| JUDY SMALL                                   | MANAGER                           |               | (973) 355-4218                      |
| BRIAN LEONARD                                | POOL INFO                         |               | (973) 355-4514                      |
| DANA DEVELLIS                                | POOL INFO                         |               | (973) 355-4546                      |
| JEAN FERRIER                                 | POOL INFO                         |               | (973) 355-4245                      |
| EDDIE ISTANBUL                               | TECHNICAL                         |               | (973) 355-4243                      |
| <b>MIRAE ASSET SECURITIES (USA) INC</b>      | <b>492</b>                        | <b>MASA</b>   | <b>PRODUCTION</b>                   |
| SEE MIRAE ASSET SECURITIES (MASU)            |                                   |               |                                     |
| <b>MIRAE ASSET SECURITIES (USA) INC</b>      | <b>492</b>                        | <b>MASB</b>   | <b>PRODUCTION</b>                   |
| SEE MIRAE ASSET SECURITIES (MASU)            |                                   |               |                                     |
| <b>MIRAE ASSET SECURITIES (USA) INC</b>      | <b>492</b>                        | <b>MASC</b>   | <b>PRODUCTION</b>                   |
| SEE MIRAE ASSET SECURITIES (MASU)            |                                   |               |                                     |
| <b>MIRAE ASSET SECURITIES (USA) INC</b>      | <b>492</b>                        | <b>MASU</b>   | <b>PRODUCTION</b>                   |
| DAVID WONG                                   | DIRECTOR OF OPS                   |               | (646) 968-2030                      |
| MARISSA CASTELLANO                           | BILLING                           |               | (646) 968-2033                      |
| <b>MIZUHO CORPORATE BANK LIMITED</b>         | <b>471</b>                        | <b>MITD</b>   | <b>PRODUCTION</b>                   |
| SEE MIZUHO SECURITIES USA INC (MZNY)         |                                   |               |                                     |
| <b>MIZUHO CORPORATE BANK LIMITED</b>         | <b>471</b>                        | <b>MZNY</b>   | <b>PRODUCTION</b>                   |
| THELMA HOLT                                  | MANAGER                           |               | (201) 626-9493                      |
| JOSEPH TERRIZZI                              | MBS/POOL/SETTLEMENT INFO          |               | (201) 626-9489                      |
| <b>MIZUHO SECURITIES USA INC</b>             | <b>390</b>                        | <b>MSUI</b>   | <b>PRODUCTION</b>                   |
| SEE MIZUHO SECURITIES USA INC (MSUS)         |                                   |               |                                     |
| <b>MIZUHO SECURITIES USA INC.</b>            | <b>390</b>                        | <b>MSUS</b>   | <b>PRODUCTION</b>                   |
| RICHARD VISCO                                | DIRECTOR                          |               | (201) 626-1288                      |
| MICHAEL SIDHOM                               |                                   |               | (212) 205-7529                      |
| KEVIN KIELY                                  |                                   |               | (212) 205-7529                      |
| FAX  |                                   |               | (917) 338-0298                      |
| <b>MORGAN STANLEY &amp; CO LLC</b>           | <b>132</b>                        | <b>MBMS</b>   | <b>PRODUCTION</b>                   |
| SETH JABLON                                  | DIRECTOR                          |               | (443) 627-4692                      |
| BILL HORAN                                   | ALLOCATIONS                       |               | (212) 761-0491                      |
| BRIAN DUFFY                                  | ALLOCATIONS                       |               | (212) 761-8852                      |
| KATHY RAINE                                  | ALLOCATIONS                       |               | (443) 627-6159                      |
| SAROJINI RAMCHARITAR                         | ALLOCATIONS                       |               | (212) 761-2379                      |
| RYAN CATO                                    | MBSCC                             |               | (443) 627-6846                      |
| ALLOCATIONS/RTTM                             | mbs.allocations@morganstanley.com |               |                                     |
| TRADE ASSIGNMENTS                            | mbsutility@morganstanley.com      |               |                                     |



| <u>Participant</u>                                | <u>Part#</u><br><u>Title</u>    | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|---------------------------------|---------------|-------------------------------------|
| <b>MORGAN STANLEY INVESTMENT MANAGEMENT, INC.</b> | <b>250</b>                      | <b>MSDW</b>   | <b>PRODUCTION</b>                   |
| DOUGLAS DRYER                                     | POOL INFO (PRIMARY CONTACT)     |               | (610) 576-3004                      |
| INGRID COLLADO                                    | POOL INFO (SECONDARY CONTACT)   |               | (610) 576-2484                      |
| JENNIFER ACCOMANDO                                | ED (ESCALATION CONTACT)         |               | (212) 296-0670                      |
| MARGARET JOSEPH                                   | VP (ESCALATION CONTACT)         |               | (212) 296-7018                      |
| LISSETTE CRESPO                                   | DIRECTOR (ESCALATION CONTACT)   |               | (212) 296-0918                      |
| <b>MUFG SECURITIES AMERICAS INC</b>               | <b>480</b>                      | <b>MUSA</b>   | <b>PRODUCTION</b>                   |
| DEMETRIOS NANAVRAKIS                              | MANAGER / MBS ALLOCATIONS & OPS |               | (212) 405-6552                      |
| LINDSAY CRUZ                                      |                                 |               | (212) 405-6568                      |
| RICHARD BOSSICK                                   |                                 |               | (212) 405-7052                      |
| MBS OPERATIONS GROUP EMAIL                        | MBS-OPS@us.sc.mufg.jp           |               |                                     |
| <b>NATIONAL FINANCIAL SERVICES LLC</b>            | <b>417</b>                      | <b>NBLB</b>   | <b>PRODUCTION</b>                   |
| SEE NATIONAL FINANCIAL SERVICES LLC. (NFSL)       |                                 |               |                                     |
| <b>NATIONAL FINANCIAL SERVICES LLC.</b>           | <b>417</b>                      | <b>CBTD</b>   | <b>PRODUCTION</b>                   |
| SEE NATIONAL FINANCIAL SERVICES LLC. (NFSL)       |                                 |               |                                     |
| <b>NATIONAL FINANCIAL SERVICES LLC.</b>           | <b>417</b>                      | <b>NFSL</b>   | <b>PRODUCTION</b>                   |
| DANIEL KATZ                                       | VICE PRESIDENT                  |               | (617) 563-7107                      |
| IAN HETHERINGTON                                  | OPERATIONS MANAGER              |               | (617) 563-0862                      |
| BRYAN LOVELAND                                    | MBS / POOL INFO                 |               | (617) 563-0862                      |
| SAM SARACINO                                      | SETTLEMENTS                     |               | (866) 755-6372                      |
| AL ROBINSON                                       | TECHNICAL                       |               | (201) 915-8464                      |
| <b>NATIONAL FINANCIAL SERVICES, LLC</b>           | <b>417</b>                      | <b>HUCO</b>   | <b>PRODUCTION</b>                   |
| SEE NATIONAL FINANCIAL SERVICES, LLC (NFSL)       |                                 |               |                                     |
| <b>NATIXIS SECURITIES AMERICAS, LLC</b>           | <b>466</b>                      | <b>NSAL</b>   | <b>PRODUCTION</b>                   |
| CHRIS KOSTOPOULOS                                 | MANAGER                         |               | (212) 872-5028                      |
| GARY DIBBLE                                       | MBS/POOL/SETTLEMENT INFO        |               | (212) 872-5022                      |
| <b>NAVY FEDERAL CREDIT UNION</b>                  | <b>541</b>                      | <b>NFCU</b>   | <b>PRODUCTION</b>                   |
| MARK BAUER  | ALLOCATIONS                     |               | (703) 206-2345                      |
| AGNES MARISA                                      | DIRECTOR OF OPS                 |               | (703) 255-8227                      |
| WILLIAM TABRI                                     | MANAGER                         |               | (703) 206-4014                      |
| <b>NEUBERGER BERMAN FIXED INCOME LLC</b>          | <b>952</b>                      | <b>LINC</b>   | <b>PRODUCTION</b>                   |
| LINDA SEGER                                       | MANAGER                         |               | (312) 879-8426                      |
| TIM MCEVILLY                                      | MANAGER                         |               | (312) 559-2880                      |
| LINDA MEDEL                                       | POOL INFO                       |               | (312) 627-4316                      |
| CHRIS NAKATSUKA                                   | POOL INFO                       |               | (312) 879-8390                      |
| SARAH ABBOTT                                      | TECHNICAL                       |               | (312) 325-7791                      |
| KENNY KWAN  | POOL INFO                       |               | (312) 879-8434                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO         |                                 |               |                                     |
| MANAGER HOTLINE / TIM MCEVILLY                    |                                 |               | (312) 559-2880                      |
| <b>NEW YORK LIFE INVESTMENT MANAGEMENT LLC</b>    | <b>412</b>                      | <b>NYLI</b>   | <b>PRODUCTION</b>                   |
| MBS GROUP   | MBS GROUP HOTLINE               |               | (212) 576-5553                      |
| FRANK MARTINO                                     | MANAGER                         |               | (212) 576-5311                      |
| KIMBERLY MCDOYLE                                  | MANAGER                         |               | (212) 576-7495                      |
| BHAVIK SHAN                                       | TECHNICAL                       |               | (212) 576-6440                      |

| <u>Participant</u>                                 | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--|------------------------------|---------------|-------------------------------------|
| <b>NISA INVESTMENT ADVISORS, LLC</b>               | <b>271</b>                   | <b>NISA</b>   | <b>PRODUCTION</b>                   |
| JULIE CHAUVIN                                      | MANAGER                      |               | (314) 721-9314                      |
| TRADING GROUP                                      | HOTLINE                      |               | (314) 721-7784                      |
| JAMES SOWERS                                       | GROUP LEADER                 |               | (314) 721-9304                      |
| TRADING GROUP                                      | POOL INFO                    |               | (314) 721-7784                      |
| ELLIOT GROSS                                       | TECHNICAL                    |               | (314) 721-7708                      |
| FAX  | FAX                          |               | (314) 862-2119                      |
| REBECCA BRUENNING                                  | SENIOR MANAGER               |               | (314) 726-9323                      |
| <b>NOMURA SECURITIES INTERNATIONAL, INC.</b>       | <b>421</b>                   | <b>NOMU</b>   | <b>PRODUCTION</b>                   |
| CARLINE MURPHY                                     | VICE PRESIDENT               |               | (212) 667-9550                      |
| ALLOCATIONS  | NOMUALLOCATIONS@US.NOMURA.CO |               | (212) 667-9491                      |
| FICC HOTLINE                                       | NOMURAFICC@NOMURA.COM        |               | (212) 667-9698                      |
| <b>NOMURA SECURITIES INTERNATIONAL, INC./PROP.</b> | <b>421</b>                   | <b>NOMP</b>   | <b>PRODUCTION</b>                   |
| SEE NOMURA SECURITIES INTERNATIONAL, INC.(NOMU)    |                              |               |                                     |
| <b>NORTHERN TRUST INVESTMENTS N.A.</b>             | <b>385</b>                   | <b>NTIV</b>   | <b>PRODUCTION</b>                   |
| ALI BLEECKER                                       | SVP                          |               | (312) 444-7675                      |
| WENDY MAVEETY                                      | POOL INFORMATION             |               | (312) 557-5267                      |
| TOM REINERT  | POOL INFORMATION             |               | (312) 557-1998                      |
| JONATHAN HODDINOTT                                 | POOL INFORMATION             |               | (312) 444-5177                      |
| <b>NUVEEN ASSET MANAGEMENT, LLC</b>                | <b>453</b>                   | <b>NAML</b>   | <b>PRODUCTION</b>                   |
| JOE STERN  | AVP                          |               | (612) 303-4251                      |
| JESSICA NELSON                                     | MBS                          |               | (612) 303-3486                      |
| DARRON NELSON                                      | TECHNICAL                    |               | (612) 303-3401                      |
| <b>OPPENHEIMER &amp; CO. INC.</b>                  | <b>431</b>                   | <b>OPCO</b>   | <b>PRODUCTION</b>                   |
| JOSEPHINE PUIGSERVER                               | MBS/POOL INFO                |               | (212) 667-5284                      |
| JOSEPH BARRETTA                                    | SENIOR DIRECTOR              |               | (212) 668-8064                      |
| THERESA GIORDANO                                   | MBS/POOL NETTING             |               | (212) 668-5069                      |
| ANGELO MESSINA                                     | MBS/POOL NETTING             |               | (212) 825-4341                      |
| IRIS AMADOR  | DIRECTOR/SETTLEMENTS         |               | (212) 668-5060                      |
| <b>PACIFIC INVESTMENT MANAGEMENT COMPANY LLC</b>   | <b>180</b>                   | <b>PMCO</b>   | <b>PRODUCTION</b>                   |
| ANDY KIM   | VP                           |               | (949) 932-4868                      |
| ALLOCATIONS HOTLINE                                | POOL INFORMATION             |               | (949) 932-4888                      |
| ALLOCATIONS FAX                                    |                              |               | (949) 932-1694                      |
| SCOTT LEE  | TECHNICAL                    |               | (949) 932-1612                      |
| NETWORK OPERATING CENTER HOTLINE                   | TECHNICAL HOTLINE            |               | (949) 932-1600                      |
| <b>PALAFIX TRADING, LLC</b>                        | <b>403</b>                   | <b>PATL</b>   | <b>PRODUCTION</b>                   |
| 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) 443-2846                      |
| <b>PARTNER RE ASSET MANAGEMENT CORP</b>            | <b>399</b>                   | <b>PRAM</b>   | <b>PRODUCTION</b>                   |
| JOSEPH ENGLANDER                                   | MANAGER                      |               | (203) 485-4634                      |
| CHRIS LIBERTI                                      | POOL INFORMATION             |               | (203) 485-8016                      |
| HEATHER LOCKLEAR                                   | POOL INFORMATION             |               | (203) 485-8125                      |

| <u>Participant</u>                       | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--|------------------------------|---------------|-------------------------------------|
| <b>PERSHING, LLC</b>                     | <b>343</b>                   | <b>PRSH</b>   | <b>PRODUCTION</b>                   |
| ALEX FITZGERALD                          | VP                           |               | (201) 761-5256                      |
| CRISTINA RODRIGUEZ                       | VP                           |               | (321) 249-4690                      |
| HANS MENOS                               | ALLOCATIONS/POOL INFO        |               | (201) 761-5038                      |
| MBSCC                                    | HOTLINE                      |               | (201) 413-2999                      |
| ALLOCATIONS                              | HOTLINE                      |               | (201) 413-4780                      |
| VIDHYA CHANDRAMOHAN                      | TECHNICAL                    |               | (973) 360-2891                      |
| FAX NUMBER                               |                              |               | (201) 413-2406                      |
| <b>PGIM, INC</b>                         | <b>263</b>                   | <b>PGAM</b>   | <b>PRODUCTION</b>                   |
| CARLOS JUNCHAYA                          | MANAGER                      |               | (973) 367-4649                      |
| GLENN ALABADO                            | POOL INFO                    |               | (973) 367-1969                      |
| MICHELE FULLON                           | POOL INFO                    |               | (973) 367-1492                      |
| DAVID RUSHFORTH                          | POOL INFO                    |               | (973) 802-2598                      |
| <b>PNC BANK NATIONAL ASSOCIATION</b>     | <b>369</b>                   | <b>PNCB</b>   | <b>PRODUCTION</b>                   |
| JEFFREY SZALKUSKI                        | SETTLEMENTS                  |               | (412) 237-0573                      |
| DANIEL ANTONUCCI                         | SETTLEMENTS                  |               | (412) 237-0746                      |
| ERIN PEASLEE                             | SETTLEMENTS                  |               | (412) 237-0510                      |
| TRADE CAPTURE                            | TRADE COMPARISON/ALLOCATION  |               | (855) 403-5915                      |
| SETTLEMENT EMAIL                         | SECSETT@PNC.COM              |               |                                     |
| DAKOTA RECTOR                            | TRADE COMPARISON/ALLOCATION  |               | (412) 237-0542                      |
| BRANDON TURNER                           | TRADE COMPARISON/ALLOCATION  |               | (412) 237-0541                      |
| BRITTNIE KOHL                            | TRADE COMPARISON/ALLOCATION  |               | (412) 237-0525                      |
| JOSEPH PYSNIK                            | TRADE COMPARISON/ALLOCATION  |               | (412) 237-0741                      |
| CHRISTINA MILLER                         | SETTLEMENTS                  |               | (412) 237-0504                      |
| TAMICA MOYER                             | SETTLEMENTS                  |               | (412) 237-0511                      |
| JESSICA JACOBS                           | SETTLEMENTS                  |               | (412) 237-0533                      |
| <b>PNC BANK NATIONAL ASSOCIATION</b>     | <b>369</b>                   | <b>PNCR</b>   | <b>PRODUCTION</b>                   |
| SEE PNC BANK NATIONAL ASSOCIATION (PNCB) |                              |               |                                     |
| <b>PNC BANK, N.A.</b>                    | <b>369</b>                   | <b>PNCC</b>   | <b>PRODUCTION</b>                   |
| SEE PNC BANK NATIONAL ASSOCIATION (PNCB) |                              |               |                                     |
| <b>PNC BANK, N.A.</b>                    | <b>369</b>                   | <b>PNCP</b>   | <b>PRODUCTION</b>                   |
| SEE PNC BANK NATIONAL ASSOCIATION (PNCB) |                              |               |                                     |
| <b>PNC BANK, N.A.</b>                    | <b>369</b>                   | <b>PNCB</b>   | <b>PRODUCTION</b>                   |
| SEE PNC BANK NATIONAL ASSOCIATION (PNCB) |                              |               |                                     |
| <b>PPM AMERICA INC.</b>                  | <b>396</b>                   | <b>PPMA</b>   | <b>PRODUCTION</b>                   |
| BOB GRAHAM                               | MANAGER                      |               | (312) 634-2584                      |
| ANDY SCHLEIGER                           | POOL INFORMATION             |               | (312) 634-7887                      |
| JOHNNY CONNOR                            | POOL INFORMATION             |               | (312) 634-1294                      |
| TOM LEKAS                                | TECHNICAL                    |               | (312) 634-1224                      |
| MANAGER HOTLINE                          |                              |               | (312) 634-2600                      |
| <b>PUTNAM INVESTMENTS TRUST</b>          | <b>244</b>                   | <b>PUTM</b>   | <b>PRODUCTION</b>                   |
| KATE HENRY                               | ALLOCATIONS/POOL INFO        |               | (617) 760-1300                      |
| ANGELA PATEL                             | ALLOCATIONS/POOL INFO        |               | (617) 760-1300                      |
| STEVE LUKEN                              | TECHNICAL                    |               | (617) 760-1097                      |

| <u>Participant</u>                                    | <u>Part#</u><br><u>Title</u>  | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|-------------------------------|---------------|-------------------------------------|
| <b>RAYMOND JAMES &amp; ASSOCIATES INC.</b>            | <b>181</b>                    | <b>RAJA</b>   | <b>PRODUCTION</b>                   |
| MAGALY CASTANON                                       | POOL INFORMATION              |               | (727) 567-2975                      |
| AGNES SKRZPEK   | POOL INFORMATION              |               | (727) 567-2971                      |
| GREG MALEC  | MANAGER SETTLEMENTS           |               | (248) 213-1000                      |
| LEHIGH HAZELGROVE                                     |                               |               | (901) 524-4198                      |
| <b>RAYMOND JAMES &amp; ASSOCIATES INC.</b>            | <b>181</b>                    | <b>RJFI</b>   | <b>PRODUCTION</b>                   |
| SEE RAYMOND JAMES & ASSOCIATES INC. (RAJA)            |                               |               |                                     |
| <b>RBC CAPITAL MARKETS, LLC / RBC CAPITAL MARKETS</b> | <b>245</b>                    | <b>DRBC</b>   | <b>PRODUCTION</b>                   |
| ROB ANCONA  | DIRECTOR                      |               | (212) 618-2752                      |
| MBSCC   |                               |               | (212) 618-2755                      |
| ALLOCATIONS   | ALLOCATIONS                   |               | (212) 618-2755                      |
| TOM SARTORIO  | TECHNICAL SUPPORT             |               | (212) 858-6085                      |
| FAX   | ALLOCATIONS                   |               | (212) 618-2754                      |
| CM-USA-MBS Allocations                                | CM-USA-MBSAllocations@rbc.com |               |                                     |
| <b>REGIONS FINANCIAL CORPORATION</b>                  | <b>455</b>                    | <b>RBFC</b>   | <b>PRODUCTION</b>                   |
| CHERYL LLOYD  | MANAGER                       |               | (205) 264-5870                      |
| GREG WILLIAMS   | TECHNICAL                     |               | (205) 261-4604                      |
| <b>ROBERT W. BAIRD &amp; CO. INCORPORATED</b>         | <b>331</b>                    | <b>RWBC</b>   | <b>PRODUCTION</b>                   |
| POOL INFO   |                               |               | (414) 765-3983                      |
| POOL INFO BACK-UP LINE                                |                               |               | (414) 765-3984                      |
| JAMES SCHROEDER                                       | JSSCHROEDER@RWBAIRD.COM       |               | (414) 298-0685                      |
| STEVE KAYE  | TECHNICAL                     |               | (414) 298-7364                      |
| VERONICA ARIAS  | VARIAS@RWBAIRD.COM            |               | (414) 765-3844                      |
| NICHOLAS STORCH                                       | NSTORCH@RWBAIRD.COM           |               | (414) 765-1425                      |
| RONALD FOELSKE  | RFOELSKE@RWBAIRD.COM          |               | (414) 765-7001                      |
| ALLEN FINEFIELD                                       | AFINEFIELD@RWBAIRD.COM        |               | (414) 765-3869                      |
| CHRIS PAJEWSKI  | CPAJEWSKI@RWBAIRD.COM         |               | (817) 339-3429                      |
| TAMMY JASINSKI  | TJASINSKI@RWBAIRD.COM         |               | (414) 765-3884                      |
| WENDY WOLFE   | WWOLFE@RWBAIRD.COM            |               | (414) 765-3879                      |
| MATT SCHNEIDER  | MCSCHNEIDER@RWBAIRD.COM       |               | (414) 765-3993                      |
| <b>SEMPER CAPITAL MANAGEMENT, L.P.</b>                | <b>275</b>                    | <b>UCML</b>   | <b>PRODUCTION</b>                   |
| ALEX SOLOWAY  | HEAD OF OPERATIONS            |               | (212) 612-9062                      |
| VITALY OSTROVSKY                                      | OPERATIONS                    |               | (212) 612-9027                      |
| DAN ROSENBAUM   | OPERATIONS                    |               | (212) 612-9066                      |
| FAX #   |                               |               | (212) 425-4199                      |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>  | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>   |
|--|---|---------------|---|
| <b>SG AMERICAS SECURITIES LLC</b><br>STEPHANIE SARNO<br>TEODORO DIANGSON<br>JOHN LOPRESTI  | <b>338</b><br>MANAGER<br>POOL INFO/MBS<br>TECHNICAL   | <b>FIAT</b>   | <b>PRODUCTION</b><br>(201) 839-8986<br>(201) 839-8987<br>(646) 557-7934   |
| <b>SG AMERICAS SECURITIES LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)   | <b>338</b>  | <b>NAAR</b>   | <b>PRODUCTION</b>   |
| <b>SG AMERICAS SECURITIES LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)   | <b>338</b>  | <b>NFPI</b>   | <b>PRODUCTION</b>   |
| <b>SG AMERICAS SECURITIES LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)   | <b>338</b>  | <b>SGSC</b>   | <b>PRODUCTION</b>   |
| <b>SG AMERICAS SECURITIES LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)   | <b>338</b>  | <b>SGSE</b>   | <b>PRODUCTION</b>   |
| <b>SG AMERICAS SECURITIES LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)   | <b>338</b>  | <b>SGSP</b>   | <b>PRODUCTION</b>   |
| <b>SG AMERICAS SECURITIES, LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)  | <b>338</b>  | <b>CMOF</b>   | <b>PRODUCTION</b>   |
| <b>SG AMERICAS SECURITIES, LLC</b><br>SEE NEWEDGE USA, LLC (FIAT)  | <b>338</b>  | <b>MEDL</b>   | <b>PRODUCTION</b>   |
| <b>SOUTH STREET SECURITIES LLC</b><br>DONALD WEBBE<br>KABIR VADERA<br>MONICA URENA<br>RICHARD ANDREW   | <b>425</b><br>MANAGER<br>POOL / SETTLEMENT INFO<br>POOL / SETTLEMENT INFO<br>GENERAL POOL INFO  | <b>SSTR</b>   | <b>PRODUCTION</b><br>(212) 803-5050<br>(212) 824-0738<br>(212) 824-0738<br>(212) 824-0738   |
| <b>STATE OF WISCONSIN INVESTMENT BOARD</b><br>MIKE SHEARER   | <b>486</b>  | <b>SWIB</b>   | <b>PRODUCTION</b><br>(608) 266-2932   |
| <b>STATE STREET BANK &amp; TRUST CO./SSGA</b><br>FLETCHER CRANDALL<br>JON CHANDLER<br>SEAN HOPKINS<br>KAREN CHONG<br>SCOTT HAUNGS<br>BARRY SPEAR<br>VIKAS GOEL | <b>220</b><br>MANAGER<br>POOL INFORMATION<br>POOL INFORMATION<br>POOL INFORMATION<br>POOL INFORMATION<br>TECHNICAL MANAGER<br>TECHNICAL | <b>SSGA</b>   | <b>PRODUCTION</b><br>(617) 664-5554<br>(617) 664-3636<br>(617) 664-3215<br>(617) 664-2490<br>(617) 664-3931<br>(617) 664-5063<br>(617) 664-0613 |
| <b>STIFEL NICOLAUS &amp; COMPANY INC.</b><br>HOTLINE<br>HOTLINE<br>JEN RATERMANN<br>BARB MISIEWICZ<br>CHERYL GIBSON<br>FAX #                                   | <b>393</b><br>MBS<br>POOL INFORMATION<br>MANAGER TRADE SUPPORT/MBS<br>DIRECTOR TRADE SUPPORT/MBS<br>MBS                                 | <b>SNCI</b>   | <b>PRODUCTION</b><br>(314) 342-2048<br>(314) 342-2048<br>(314) 342-2048<br>(314) 342-2044<br>(314) 342-2052<br>(314) 342-2971                   |
| <b>STONEX FINANCIAL INC./IBD CLEARING</b><br>JAMES HUGHES<br>SCOTT YARBOROUGH<br>TRADING SUPPORT<br>BUTCH HOPKINS  | <b>339</b><br>DIVISION MANAGER<br>MANAGER<br>MBS/POOL INFO<br>TECHNICAL   | <b>AGEE</b>   | <b>PRODUCTION</b><br>(205) 414-7304<br>(205) 414-7289<br>(205) 414-7299<br>(205) 414-7321   |

| <u>Participant</u>  | <u>Part#</u><br><u>Title</u>  | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>   |
|---|---|---------------|---|
| <b>STONEX FINANCIAL, INC</b><br>CHRIS TALBOTT<br>BERNARD SPANGER<br>JOHN SIDWELL  | <b>358</b><br>VICE PRESIDENT<br>PARTNER (TECHNOLOGY)<br>TECHNOLOGY  | <b>IFSF</b>   | <b>PRODUCTION</b><br>(212) 379-5545<br>(201) 200-3607<br>(201) 200-3607   |
| <b>T. ROWE PRICE ASSOCIATES, INC.</b><br>JOHN SADOWSKI<br>PEGGY HAYWARD<br>STEPHEN A HAAS<br>SHARON HOUSEKNECHT<br>MBS TRADING DESK<br>SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO  | <b>345</b><br>MANAGER<br>POOL INFO<br>POOL INFO<br>TECHNICAL  | <b>TROW</b>   | <b>PRODUCTION</b><br>(410) 345-2161<br>(410) 345-2149<br>(410) 345-2089<br>(410) 345-6677<br>(410) 345-2500                   |
| <b>TCW ASSET MANAGEMENT COMPANY LLC</b><br>JAMIE MELAS<br>SETTLEMENTS HOTLINE   | <b>207</b><br>VICE PRESIDENT<br>SETTLEMENTS   | <b>TCWA</b>   | <b>PRODUCTION</b><br>(213) 244-1071<br>(213) 244-0879   |
| <b>TD SECURITIES</b><br>ANDREW LAFEMINA<br>MBS ALLOCATIONS/FICC/TRADE ASSIGNMENTS<br>MBS SETTLEMENTS<br>TRADE ASSIGNMENTS&MBS EMAIL<br>MBS CLEARANCE EMAIL<br>MBS CLEARANCE EMIAL | <b>212</b><br>VICE PRESIDENT<br><br><br><br><br><br>TD-MBSOPS@TDSECURITIES.COM<br><br>TDUSA-TDGovOPS@tdsecurities.com         | <b>TDSC</b>   | <b>PRODUCTION</b><br>(212) 827-6174<br>(212) 827-7713<br>(212) 827-7537   |
| <b>THE BANK OF NEW YORK MELLON</b><br>ERIC STEPHANS<br>PATRICK KOHANSKI<br>LEA NAPIERKOWSKI<br>GREGORY SPELAR<br>COLLEEN MCCAULEY<br>SCOTT FELLO                                  | <b>382</b><br>VICE PRESIDENT<br>ASSOCIATE<br>TRADE SPECIALIST<br>TRADE SPECIALIST<br>TRADE SPECIALIST<br>WORKFLOW COORDINATOR | <b>BONY</b>   | <b>PRODUCTION</b><br>(412) 234-5814<br>(315) 362-1538<br>(412) 234-8134<br>(412) 234-9294<br>(412) 236-4476<br>(315) 362-1516 |
| <b>THE VANGUARD GROUP, INC.</b><br>PHIL SAPOVITS<br>CHRIS KENDER<br>TRISHA LUNOVA   | <b>400</b><br>DIRECTOR OPERATIONS<br>TECHNICAL  | <b>VGRI</b>   | <b>PRODUCTION</b><br>(610) 669-0504<br>(610) 669-2927<br>(610) 669-7778   |
| <b>TIAA - CREF FUNDS / BOND FUND</b><br>SEE CREF/BOND MARKET ACCOUNT (CBMA)   | <b>294</b>  | <b>CMIB</b>   | <b>PRODUCTION</b>   |
| <b>TIAA - CREF FUNDS / BOND PLUS FUND</b><br>SEE CREF/BOND MARKET ACCOUNT (CBMA)  | <b>295</b>  | <b>CMBP</b>   | <b>PRODUCTION</b>   |
| <b>TIAA -CREF LIFE FUNDS-BOND FUND</b><br>SEE CREF/BOND MARKET ACCOUNT (CBMA)   | <b>482</b>  | <b>CRLF</b>   | <b>PRODUCTION</b>   |
| <b>TIAA FSB</b><br>CAROLYN MABRY<br>ELIZABETH BROOKS<br>EVANGELINA BILLINGS<br>ASHLEY SMITH   | <b>424</b><br>MANAGER<br>POOL / SETTLEMENT INFO<br>POOL / SETTLEMENT INFO<br>POOL/SETTLEMENT INFO                             | <b>EVER</b>   | <b>PRODUCTION</b><br>(904) 623-8326<br>(904) 623-8325<br>(904) 623-8322<br>(904) 623-7586                                     |
| <b>TIAA-CREF FUNDS-SOCIAL CHOICE BOND FUND</b><br>SEE CREF/BOND MARKET ACCOUNT (CBMA)   | <b>481</b>  | <b>CRSC</b>   | <b>PRODUCTION</b>   |

| <u>Participant</u>   | <u>Part#</u><br><u>Title</u>   | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u>   |
|--|--|---------------|---|
| <b>TRUIST BANK</b><br>RICH TYSON<br>DEBBIE HARRELL-CAYTON  | <b>347</b><br>MANAGER<br>ALLOCATIONS/POOL INFO   | <b>BBAT</b>   | <b>PRODUCTION</b><br>(336) 733-2856<br>(336) 733-2988   |
| <b>TRUIST BANK</b><br>KATIE LINDAHL<br>SCOT HENRY<br>ANDY BALL<br>LAUREN CAIN<br>FRANK BLACK<br>MICHAEL ALLEN  | <b>347</b><br>POOL INFO/ALLOCATIONS<br>FVP<br>SVP<br>POOL INFO/ALLOCATIONS<br>TECHNICAL<br>POOL INFO/ALLOCATIONS | <b>BBTC</b>   | <b>PRODUCTION</b><br>(919) 745-5888<br>(804) 387-1597<br>(919) 745-5877<br>(919) 745-5883<br>(252) 296-0103<br>(919) 745-5878 |
| <b>TRUIST SECURITIES, INC</b><br>JOE DEMONDA<br>JOHN HEALY<br>SHERON CLARKE<br>ALEX WOOLSLAIR<br>KEVIN RALPH<br>GROUP MAILBOX  | <b>165</b><br>DIRECTOR<br>SENIOR VICE PRESIDENT<br>POOL INFO<br>AVP/SETTLEMENT MANAGER                           | <b>SUNT</b>   | <b>PRODUCTION</b><br>(404) 588-7114<br>(404) 926-5849<br>(404) 230-1348<br>(404) 588-8848<br>(404) 813-0610                   |
| <b>TULLETT PREBON FINANCIAL SERVICES</b><br>CHRISTINE CIPRIANI<br>GARRY BERNSTEIN<br>RUBY GINSBERG<br>MBSD HOTLINE/ POOL NETTING<br>ALLOCATIONS HOTLINE<br>ALLISON ROSSI | <b>111</b>   | <b>MBPC</b>   | <b>PRODUCTION</b><br>(201) 984-6688<br>(201) 557-5521<br>(201) 557-5090<br>(201) 984-6636<br>(201) 984-6635<br>(201) 984-6642 |
| <b>U.S. BANK N.A.</b><br>GREG EVANSKY<br>MIKE KABAKOV<br>BRIANNE DOUGLAS   | <b>467</b>   | <b>USBK</b>   | <b>PRODUCTION</b><br>(952) 876-5390<br>(952) 876-5395<br>(952) 876-5399   |
| <b>UBS GLOBAL ASSET MANAGEMENT (AMERICAS) INC.</b><br>NEAL WILSON<br>FIXED INCOME OPERATIONS<br>CHRIS FULLER   | <b>442</b><br>OPERATIONS<br>OPERATIONS<br>TECHNICAL  | <b>USAM</b>   | <b>PRODUCTION</b><br>(312) 525-7255<br>(312) 525-7255<br>(312) 525-7887   |
| <b>UBS SECURITIES LLC</b><br>SEE UBS SECURITIES LLC (MBPA)   | <b>136</b>   | <b>MBPB</b>   | <b>PRODUCTION</b>   |
| <b>UBS SECURITIES LLC</b><br>SEE UBS SECURITIES LLC (MBPA)   | <b>136</b>   | <b>MBPD</b>   | <b>PRODUCTION</b>   |
| <b>UBS SECURITIES LLC</b><br>SEE UBS SECURITIES LLC (MBPA)   | <b>136</b>   | <b>MBPO</b>   | <b>PRODUCTION</b>   |
| <b>UBS SECURITIES LLC</b><br>SEE UBS SECURITIES LLC (MBPA)   | <b>136</b>   | <b>MBWH</b>   | <b>PRODUCTION</b>   |

| <u>Participant</u>                        | <u>Part#</u><br><u>Title</u> | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|---|------------------------------|---------------|-------------------------------------|
| <b>UBS SECURITIES LLC.</b>                | <b>136</b>                   | <b>MBPA</b>   | <b>PRODUCTION</b>                   |
| JOANNE MUTKOSKI                           | POOL INFO                    |               | (201) 713-7808                      |
| LEROY MAGEE                               | TRADE ASSIGNMENTS            |               | (212) 713-4218                      |
| HOTLINE                                   | POOL INFO                    |               | (201) 318-7544                      |
| BEN DUNCAN                                | POOL INFO                    |               | (615) 393-7872                      |
| WEN MO                                    | TECHNICAL                    |               | (212) 713-4475                      |
| ALLOCATIONS/MBSCC FAX                     |                              |               | (201) 793-6847                      |
| <b>VINING-SPARKS, IBG., L.P.</b>          | <b>188</b>                   | <b>MBVN</b>   | <b>PRODUCTION</b>                   |
| MARY CAROLYN HARP                         | MANAGER                      |               | (901) 766-3054                      |
| LAWANDA PEEPLES                           | FNMA POOL INFO               |               | (901) 762-5392                      |
| TINA CROOKSHANKS                          | FNMA POOL INFO               |               | (901) 762-5863                      |
| KATHY BLAKE                               | GNMA POOL INFO               |               | (901) 762-5396                      |
| STEPHANIE BAKER                           | FHLMC POOL INFO              |               | (901) 766-3157                      |
| TIM JORDAN                                | TECHNICAL                    |               | (901) 762-5828                      |
| <b>VIRGINIA RETIREMENT SYSTEM</b>         | <b>477</b>                   | <b>VAR5</b>   | <b>PRODUCTION</b>                   |
| KATIE SIMMONS                             | MANAGER / POOL INFO          |               | (804) 775-3512                      |
| JOHN MCGRATH                              | POOL INFO                    |               | (804) 697-6681                      |
| RICHARD MOORE                             | IT                           |               | (804) 771-7386                      |
| <b>VOYA INVESTMENT MGMT CO LLC</b>        | <b>318</b>                   | <b>AELT</b>   | <b>PRODUCTION</b>                   |
| KEN DONOHUE                               | MANAGER                      |               | (770) 690-4767                      |
| TREVOR SINGH                              | POOL INFO                    |               | (770) 690-4783                      |
| JEFF DAVENPORT                            | POOL INFO                    |               | (770) 690-4632                      |
| JUNE BLACKMAN                             | POOL INFO                    |               | (770) 690-4705                      |
| CAROL MARTINCHEK                          | POOL INFO                    |               | (860) 275-2326                      |
| KAREN BERGMAN                             | POOL INFO                    |               | (860) 275-2468                      |
| <b>VOYA INVESTMENT MGMT CO LLC</b>        | <b>318</b>                   | <b>ILML</b>   | <b>PRODUCTION</b>                   |
| KEN DONOHUE                               | MANAGER                      |               | (770) 690-4767                      |
| TREVOR SINGH                              | POOL INFO                    |               | (770) 690-4783                      |
| JEFF DAVENPORT                            | POOL INFO                    |               | (770) 690-4632                      |
| JUNE BLACKMAN                             | POOL INFO                    |               | (770) 690-4705                      |
| CAROL MARTINCHEK                          | POOL INFO                    |               | (860) 275-2326                      |
| KAREN BERGMAN                             | POOL INFO                    |               | (860) 275-2468                      |
| <b>WEDBUSH SECURITIES INC</b>             | <b>448</b>                   | <b>WEDB</b>   | <b>PRODUCTION</b>                   |
| RENE ECHIVERRI                            | MANAGER                      |               | (213) 688-4309                      |
| DAVID COLVILLE                            | SENIOR VICE PRESIDENT        |               | (213) 688-8015                      |
| JOHN VALDEZ                               |                              |               | (213) 688-4363                      |
| JUSTIN MATSUKAWA                          |                              |               | (213) 688-4588                      |
| <b>WELLINGTON MANAGEMENT COMPANY, LLP</b> | <b>201</b>                   | <b>WELL</b>   | <b>PRODUCTION</b>                   |
| ANNE COLUCCI                              | MANAGER                      |               | (617) 951-5813                      |
| MEAGEN SWEENEY                            | ASSISTANT MANAGER            |               | (617) 951-5941                      |
| REBECCA POND                              | POOL INFO                    |               | (617) 951-5845                      |
| MATTHEW WHITTIER                          | POOL INFO                    |               | (617) 951-5982                      |
| ERIK TUMASZ                               | TECHNICIAL                   |               | (617) 790-7229                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO |                              |               |                                     |



| <u>Participant</u>                         | <u>Part#</u><br><u>Title</u>          | <u>Symbol</u> | <u>Acct status</u><br><u>Phone#</u> |
|--|---------------------------------------|---------------|-------------------------------------|
| <b>WELLS CAPITAL MANAGEMENT INC</b>        | <b>353</b>                            | <b>WCMI</b>   | <b>PRODUCTION</b>                   |
| CHRIS LOFGREN                              | MANAGER                               |               | (415) 222-5289                      |
| OPHELIA FUNG                               | POOL INFO-PRIMARY                     |               | (415) 396-2262                      |
| MARK CAPUTO                                | POOL INFO                             |               | (415) 396-4861                      |
| ANDREW MOORE                               | POOL INFO                             |               | (415) 396-1120                      |
| DAVE VAN HECKE                             | TECHNICAL                             |               | (414) 359-3704                      |
| <b>WELLS FARGO BANK, N.A.</b>              | <b>954</b>                            | <b>NWBL</b>   | <b>PRODUCTION</b>                   |
| SEE WELLS FARGO BANK, N.A. (NWST)          |                                       |               |                                     |
| <b>WELLS FARGO BANK, N.A.</b>              | <b>954</b>                            | <b>NWST</b>   | <b>PRODUCTION</b>                   |
| 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                      |
| <b>WELLS FARGO BANK, N.A./WACHOVIA</b>     | <b>147</b>                            | <b>WBPT</b>   | <b>PRODUCTION</b>                   |
| TROY AMODIO                                | MANAGER                               |               | (704) 410-5468                      |
| ALLOCATIONS HOTLINE                        | ALLOCATIONS HOTLINE                   |               | (704) 410-5100                      |
| MBSCC ALLOCATIONS                          | <i>mbs.allocations@wellsfargo.com</i> |               | (704) 410-5100                      |
| ALLOCATIONS/MBSCC FAX                      | ALLOCATIONS FAX                       |               | (704) 410-5989                      |
| GERALD DONNELLY                            | MARGIN                                |               | (704) 410-8123                      |
| JOHN COLE                                  | MBS                                   |               | (704) 724-3152                      |
| <b>WELLS FARGO BANK, N.A./WACHOVIA II</b>  | <b>215</b>                            | <b>FNBP</b>   | <b>PRODUCTION</b>                   |
| BARRY BEASLEY                              | SVP                                   |               | (704) 427-5028                      |
| PETER HORNUNG                              | MANAGER                               |               | (704) 427-5035                      |
| EDWIDGH LEGER                              | ALLOCATIONS                           |               | (704) 427-5063                      |
| JASON ANDERSON                             | ALLOCATIONS                           |               | (704) 427-5065                      |
| JAY NORMAN                                 | TECHNICAL                             |               | (704) 593-7567                      |
| <b>WELLS FARGO CLEARING SERVICES LLC</b>   | <b>189</b>                            | <b>MBAG</b>   | <b>PRODUCTION</b>                   |
| JENNIFER PRICE                             | MANAGER                               |               | (314) 875-8131                      |
| NIKKI HOY                                  | MBSCC/ALLOCATIONS                     |               | (804) 398-7893                      |
| JERRY IERVOLINO                            |                                       |               | (314) 875-4850                      |
| BRIDGETTE VUNETICH                         |                                       |               | (314) 875-7297                      |
| LYNN ZIMMER                                |                                       |               | (314) 875-7285                      |
| <b>WELLS FARGO SECURITIES, LLC</b>         | <b>956</b>                            | <b>WFSA</b>   | <b>PRODUCTION</b>                   |
| SEE WELLS FARGO BANK, N.A./WACHOVIA (WBPT) | <i>mbs.allocations@wellsfargo.com</i> |               |                                     |
| <b>WESTERN ASSET MANAGEMENT CO.</b>        | <b>214</b>                            | <b>WAMC</b>   | <b>PRODUCTION</b>                   |
| EIKI HATAKEYAMA                            | SUPERVISOR                            |               | (626) 844-9485                      |
| JESSICA CHANG                              | MANAGER                               |               | (626) 844-4801                      |
| ALLOCATIONS HOTLINE                        |                                       |               | (626) 844-4860                      |
| JIMMY TRAN                                 | TECHNICAL                             |               | (626) 817-5510                      |
| SEE SUB ACCOUNT LIST FOR SUB ACCOUNT INFO  |                                       |               |                                     |