

DTC PARTICPANT REPORT (Numerical Sort)
Month Ending - January 31, 2020

NUMBER	PARTICIPANT ACCOUNT NAME
0 SERIES	
0005	GOLDMAN SACHS & CO. LLC
0010	BROWN BROTHERS HARRIMAN & CO.
0013	SANFORD C. BERNSTEIN & CO., LLC
0015	MORGAN STANLEY SMITH BARNEY LLC
0017	INTERACTIVE BROKERS LLC
0019	JEFFERIES LLC
0031	NATIXIS SECURITIES AMERICAS LLC
0032	DEUTSCHE BANK SECURITIES INC.- STOCK LOAN
0033	COMMERZ MARKETS LLC/FIXED INC. REPO & COMM. PAPER
0045	BMO CAPITAL MARKETS CORP.
0050	MORGAN STANLEY & CO. LLC
0052	AXOS CLEARING LLC
0057	EDWARD D. JONES & CO.
0062	VANGUARD MARKETING CORPORATION
0063	VIRTU AMERICAS LLC/VIRTU FINANCIAL BD LLC
0065	ZIONS DIRECT, INC.
0067	INSTINET, LLC
0075	LPL FINANCIAL CORPORATION
0076	MUFG SECURITIES AMERICAS INC.
0083	TRADEBOT SYSTEMS, INC.
0096	SCOTIA CAPITAL (USA) INC.
0099	ITG INC.
100 SERIES	
0100	COWEN EXECUTION SERVICES LLC
0101	MORGAN STANLEY & CO LLC/SL CONDUIT
0103	WEDBUSH SECURITIES INC.
0109	BROWN BROTHERS HARRIMAN & CO./ETF
0114	MACQUARIE CAPITAL (USA) INC.
0124	INGALLS & SNYDER, LLC
0126	COMMERZ MARKETS LLC
0136	BANCA IMI SECURITIES CORP.
0141	WELLS FARGO CLEARING SERVICES, LLC
0148	ICAP CORPORATES LLC
0158	APEX CLEARING CORPORATION
0161	BOFA SECURITIES, INC.
0163	NASDAQ BX, INC.
0164	CHARLES SCHWAB & CO., INC.
0166	ARCOLA SECURITIES, INC.
0180	NOMURA SECURITIES INTERNATIONAL, INC.
0181	GUGGENHEIM SECURITIES, LLC
0187	J.P. MORGAN SECURITIES LLC
0188	TD AMERITRADE CLEARING, INC.
0189	STATE STREET GLOBAL MARKETS, LLC
0197	CANTOR FITZGERALD & CO. / CANTOR CLEARING SERVICES
200 SERIES	
0202	FHN FINANCIAL SECURITIES CORP.
0220	PEOPLE'S SECURITIES, INC.
0221	UBS FINANCIAL SERVICES INC.
0229	BARCLAYS CAPITAL INC./LE
0226	NATIONAL FINANCIAL SERVICES LLC
0235	RBC CAPITAL MARKETS, LLC
0237	NASDAQ PHLX LLC
0250	WELLS FARGO SECURITIES, LLC
0270	ING FINANCIAL MARKETS LLC
0271	TRADESTATION SECURITIES, INC.
0274	CITIGROUP GLOBAL MARKETS INC./SALOMON BROTHERS
0279	HILLTOP SECURITIES INC.

0280 U.S. BANCORP INVESTMENTS, INC.
0283 WILSON-DAVIS & CO., INC.
0284 TD PRIME SERVICES LLC
0286 SG AMERICAS SECURITIES, LLC
0287 MARSCO INVESTMENT CORPORATION
0294 QUANTEX CLEARING, LLC
0295 VIRTU AMERICAS LLC

300 SERIES

0349 ABN AMRO SECURITIES (USA) LLC
0352 J.P. MORGAN SECURITIES LLC/JPMC
0355 CREDIT SUISSE SECURITIES (USA) LLC
0361 D. A. DAVIDSON & CO.
0369 HRT FINANCIAL LLC
0370 TRADITION SECURITIES & DERIVATIVES INC.
0374 JANNEY MONTGOMERY SCOTT LLC
0385 E*TRADE SECURITIES LLC
0388 INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES, LLC/CLEARANCE
0390 RAYMOND JAMES & ASSOCIATES, INC/FI
0395 CITADEL CLEARING LLC

400 SERIES

0413 AMHERST PIERPONT SECURITIES LLC
0418 CITIGROUP GLOBAL MARKETS, INC./CORRESPONDENT CLEARING
0419 STEPHENS INC.
0425 NATWEST MARKETS SECURITIES INC.
0430 HOLD BROTHERS CAPITAL LLC
0436 ARCHIPELAGO SECURITIES, L.L.C.
0438 CIBC WORLD MARKETS CORP.
0443 PERSHING LLC
0445 STOCKCROSS FINANCIAL SERVICES, INC.
0448 NUVEEN SECURITIES, LLC
0486 HSBC SECURITIES (USA) INC. (FIXED INCOME)

500 SERIES

0505 CITIGROUP GLOBAL MARKETS INC.
0512 LEK SECURITIES CORPORATION
0520 NASDAQ EXECUTION SERVICES, LLC/OPTIONS
0526 GUGGENHEIM FUNDS DISTRIBUTORS, LLC.
0534 INTERACTIVE BROKERS RETAIL EQUITY CLEARING
0536 JEFFERIES LLC/JEFFERIES EXECUTION SERVICES, INC./SERVICE BUREAU
0537 BGC FINANCIAL, L.P.
0547 ROBERT W. BAIRD & CO. INCORPORATED
0549 TIMBER HILL LLC
0551 MERRILL LYNCH PROFESSIONAL CLEARING CORP.
0557 KEYBANK SAFEKEEPING
0563 CITICORP SECURITIES SERVICES, INC.
0568 NASDAQ EXECUTION SERVICES, LLC
0571 OPPENHEIMER & CO. INC.
0573 DEUTSCHE BANK SECURITIES INC.
0587 CENTERSTATE BANK, NATIONAL ASSOCIATION
0594 RJ DEALER STOCK LOAN
0595 VISION FINANCIAL MARKETS LLC

600 SERIES

0608 SG AMERICAS SECURITIES LLC/ SUB 608
624 TULLETT PREBON FINANCIAL SERVICES LLC
0627 DASH FINANCIAL TECHNOLOGIES LLC
0630 BNP PARIBAS SECURITIES CORP.
0642 UBS SECURITIES LLC
0647 DAIWA CAPITAL MARKETS AMERICA INC.
0651 CREDIT AGRICOLE SECURITIES (USA) INC
0652 UBS SECURITIES LLC/CMO

0670 CSS, LLC
0671 MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED
0692 INVESCO CAPITAL MARKETS, INC.
0695 ABN AMRO CLEARING CHICAGO LLC
0696 CANTOR FITZGERALD & CO.

700 SERIES

0701 CETERA INVESTMENT SERVICES LLC
0702 BB&T SECURITIES, LLC
0709 WACHTEL & CO., INC.
0712 KOONCE SECURITIES LLC
0715 DAVENPORT & COMPANY LLC
0725 RAYMOND JAMES & ASSOCIATES, INC.
0728 FOLIO INVESTMENTS, INC.
0734 THE NASDAQ STOCK MARKET LLC
0749 VIRTU FINANCIAL CAPITAL MARKETS LLC
0750 INTL FCSTONE FINANCIAL INC.
0756 AMERICAN ENTERPRISE INVESTMENT SERVICES INC.
0759 NASDAQ STOCK MARKET LLC/OMNIBUS ACCOUNT
0771 WILLIAM BLAIR & COMPANY, L.L.C.
0773 BOFA SECURITIES, INC./FIXED INCOME
0793 STIFEL, NICOLAUS & COMPANY, INCORPORATED
0794 CF SECURED, LLC

800 SERIES

0816 HSBC SECURITIES (USA) INC.
0824 INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES, LLC
0873 ELECTRONIC TRANSACTION CLEARING, INC.
0892 MIZUHO SECURITIES USA LLC

900 SERIES

0901 THE BANK OF NEW YORK MELLON
0902 JPMORGAN CHASE BANK, NATIONAL ASSOCIATION
0908 CITIBANK, N.A.
0912 OCC INTERNAL NON-PROPRIETARY CROSS MARGIN CFTC 1.20 FUTURES CUSTOMER SEGREGATED OMNIBUS
0923 JPMORGAN CHASE BANK - ADR
0933 COWEN EXECUTION SERVICES LLC/FULLY PAID FOR LENDING
0939 OCC CFTC 1.20 FUTURES CUSTOMER SEGREGATED OMNIBUS ACCOUNT
0950 CITIBANK, N.A. - DEALER
0953 ADR-CITI
0954 THE BANK OF NEW YORK MELLON/MELLON TRUST OF NEW ENGLAND, NATIONAL ASSOCIATION
0955 BANK OF AMERICA, NA/GWIM TRUST OPERATIONS
0958 DESERET TRUST COMPANY
0963 BNYMELLON/RE ETF - UIT DTC/NSCC 0963
0979 UBS AG, STAMFORD BRANCH
0981 OPTIONS CLEARING CORPORATION (THE)
0982 THE OPTIONS CLEARING CORPORATION/OCC MARKET LOAN PROGRAM ACCOUNT - AQS
0987 FIDUCIARY SSB
0990 MANUFACTURERS AND TRADERS TRUST COMPANY
0992 BMO HARRIS BANK NA/TRUST
0997 STATE STREET BANK AND TRUST COMPANY

1000 SERIES

1006 CREDIT SUISSE AG-NEW YORK BRANCH/DTC I.D. CONFIRMATION
1014 BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS LONDON ALM
1030 PERSHING LLC/CLIENT FINANCING
1043 MIRAE ASSET SECURITIES (USA), INC.
1051 E*TRADE SECURITIES LLC/ETS SECURITIES LENDING

1100 SERIES

1121 MANUFACTURERS AND TRADERS TRUST COMPANY/COMMERCIAL LOANS
1186 AXOS CLEARING LLC/ CORRESPONDENT FLIP FACILITATION ACCOUNT

1300 SERIES

1385 MIRAE ASSET SECURITIES (USA) INC./STOCK LOAN CONDUIT ACCOUNT

1400 SERIES

1405 BNP PARIBAS, NEW YORK BRANCH/MERLION/CLIENT ASSETS
1414 BNYMELLON/RE DE SHAW US BROAD MC ALP E PORT LLC
1416 BNYMELLON/RE DE SHAW US L CAP C ALP EX PORT LLC
1419 BNYMELLON/RE NAB MELBOURNE
1420 BNYMELLON/RE DE SHAW BMCAE SPECIAL FUND LP
1421 BNYMELLON/RE DES US BMC ALP E S PORT II MA LLC

1500 SERIES

1501 CITIBANK/CP/IPA
1503 DEUTSCHE BANK TRUST COMPANY AMERICAS
1506 JPMORGAN CHASE BANK/CHEMICAL/COMMERCIAL PAPER/IPA
1507 MANUFACTURERS AND TRADERS TRUST CO/WILMINGTON TRUST/IPA
1510 U.S. BANK N.A./CP
1515 PNC BANK, N.A./IPA
1518 TRUIST BANK/CT CF IPA
1526 STATE STREET BANK AND TRUST COMPANY/IPA
1530 BMO HARRIS BANK NA/M&I BANK IPA
1538 WELLS FARGO BANK, N.A. ISSUING/PAYING AGENT
1540 UBS AG, STAMFORD BRANCH/IPA ACCOUNT
1541 THE BANK OF NEW YORK MELLON/IPA
1542 BANK OF NOVA SCOTIA, NEW YORK AGENCY/IPA (THE)
1544 HSBC BANK USA, NATIONAL ASSOCIATION/IPA
1545 MANUFACTURERS AND TRADERS TRUST COMPANY/IPA
1546 SOCIETE GENERALE, NEW YORK BRANCH
1560 NORTHERN TRUST COMPANY/IPA
1562 HUNTINGTON NATIONAL BANK/IPA
1563 COMPASS BANK/IPA
1569 BNP PARIBAS, NEW YORK BRANCH
1573 JPMORGAN CHASE BANK/J.P.MORGAN CHASE & CO./CERTIFICATE OF DEPOSIT/IPA
1577 MIZUHO BANK LTD. NEW YORK BRANCH/IPA
1581 BANK OF AMERICA/LASALLE BANK NA/IPA, DTC #1581
1582 BMO HARRIS BANK NA/IPA
1584 TEXAS TREASURY SAFEKEEPING TRUST COMPANY/IPA
1586 ZIONS BANCORPORATION, NATIONAL ASSOCIATION/CT ISSUE & PAY A/C/IPA
1587 CREDIT SUISSE AG - NEW YORK BRANCH

1600 SERIES

1601 BNP PARIBAS, NEW YORK BRANCH/IPA
1607 MUFU UNION BANK, N.A./MMI/PIMS/IPA
1620 ASSOCIATED BANK, N.A./ASSOCIATED TRUST COMPANY/IPA

1900 SERIES

1944 INTL FCSTONE FINANCIAL INC./BD RATES
1950 HSBC BANK USA, NA/HSBC CUSTODY & CLEARING SERVICES FOR STOCK LOAN & BORROW
1961 THE BANK OF NEW YORK MELLON/HH ELLINGTON MASTER FUND LTD
1970 EUROCLEAR BANK SA/NV

2000 SERIES

2000 CLEARSTREAM BANKING AG
2002 BNYMELLON/RE BGC BROKERS LP
2003 UBS AG, STAMFORD BRANCH/AC PB CLIENTS-NO UBS LIEN
2008 MONTE TITOLI - S.P.A.
2011 CAVALI ICLV S.A.
2012 CREST INTERNATIONAL NOMINEES LIMITED
2015 THE TEL-AVIV STOCK EXCHANGE CLEARING HOUSE LTD
2022 THE BANK OF NEW YORK MELLON/HBK GLOBAL SECURITIES LP
2023 THE BANK OF NEW YORK MELLON/FMSBONDS, INC.
2026 BNYMELLON/RE BNYMSANV RE FIRM
2027 WELLS FARGO BANK, NATIONAL ASSOCIATION

2032 CITIBANK/THE CITIGROUP PRIVATE BANK/TRUST
 2035 JP MORGAN CHASE/JP MORGAN INTERNATIONAL
 2037 MITSUBISHI UFJ TRUST & BANKING CORPORATION, NEW YORK BRANCH/AFFILIATE
 2039 SEI PRIVATE TRUST COMPANY
 2040 WELLS FARGO BANK, N.A./LENDING
 2041 DBTC AMERICAS/CTAG/PUTS & DEMANDS
 2042 RELIANCE TRUST COMPANY/SWMS1
 2046 THE BANK OF NEW YORK MELLON/HBK MASTER FUND LP
 2047 SECURITIES FINANCE TRUST COMPANY
 2053 FROST BANK
 2057 BNYMELLON/RE DBTCA-DB AG LDN PB - CLIENT ACCOUNT
 2059 BNYMELLON/RE DBTCA/DB AG LDN PB-DEUTSCHE BANK NY
 2065 PNC BANK, N.A./OTTA
 2067 UNION BANK & TRUST COMPANY
 2068 FEDERAL HOME LOAN MORTGAGE CORPORATION/RETAINED
 2070 BNYMELLON/RE BNP PARIBAS TRI-PARTY ACCOUNT
 2072 WELLS FARGO BANK, N.A./SIG
 2074 BNYMELLON/RE BNYMSANVAMS RE FIRM LAB
 2075 MUFG SECURITIES AMERICAS INC./STOCK LOAN
 2079 BNYMELLON/RE DBTCA/DB AG LDN PB CHEYNE VALUE FUND LP
 2085 RELIANCE TRUST COMPANY/SWMS2
 2090 BNYMELLON/RE DB AG LON PB POLGON GL OP M/FD
 2091 BNYMELLON/RE RABOBANK INTERNATIONAL UNEF
 2093 BNYMELLON/RE SUNTRUST BANK
 2095 SUNTRUST ROBINSON HUMPHREY, INC.

2100 SERIES

2100 BNYMELLON/RE SUNTRUST BANK PORTFOLIO
 2103 BNYMELLON/RE BARCLAYS CAPITAL SECURITIES LTD.
 2104 ZIONS BANCORPORATION, NATIONAL ASSOCIATION
 2106 BNYMELLON/RE ALLSTATE MARK TO MARKETS
 2107 THE BANK OF NEW YORK MELLON/COMMERCIAL LOANS
 2108 COMERICA BANK
 2109 BNYMELLON/RE ICBC STANDARD BANK PLC
 2114 TRUIST BANK/SUNTRUST BANK RETAIL
 2116 FIFTH THIRD BANK
 2118 DESERET TRUST COMPANY - D
 2122 HSBC BANK USA, N.A.-IPB
 2126 FIDUCIARY TRUST COMPANY OF BOSTON
 2131 BNYMELLON/RE NOMURA PB NOMINEES LTD
 2136 THE BANK OF NEW YORK MELLON/IVORS
 2138 THE BANK OF NEW YORK MELLON/ELLINGTON SPECIAL OPPORTUNITIES FUND, LTD.
 2139 GLENMEDE TRUST COMPANY, N.A. (THE)
 2145 MUFG UNION BANK, N.A.
 2147 BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS PRIME BROKERAGE CUSTODIAN
 2151 BNYMELLON/RE FIRM INVESTMENT ACCOUNT
 2154 BNP PARIBAS SECURITIES CORP./PRIME BROKERAGE
 2155 THE BANK OF NEW YORK MELLON/DEUTSCHE BANK LONDON AG LONDON/GLOBAL MARKET #2
 2156 BNYMELLON/RE DBTCA/DB AG LDN PB MULTI SEG CLEARANCE
 2160 BNYMELLON/RE DBTCA/DB AG LDN B CHEYNE SPEC'L SIT FD
 2161 MIZUHO SECURITIES USA LLC/SECURITIES FINANCE
 2164 JPMORGAN CHASE BANK/CORRESPONDENCE CLEARING SERVICES 2
 2165 HSBC BANK USA, NATIONAL ASSOCIATION
 2166 PNC BANK/PNC MUNICIPAL STRATEGY - BLK
 2167 PNC BANK, N.A./PNC CAPITAL MARKETS LLC MSFTA
 2169 BNYMELLON/RE D E SHAW HELIANT CAPITAL LLC
 2170 COMMERCE BANK
 2176 THE BANK OF NEW YORK MELLON/CDC MORTGAGE CAPITAL INC.
 2187 MORGAN STANLEY BANK, N.A.
 2189 TULLETT PREBON FINANCIAL SERVICES LLC/TULLETT PREBON FINANCIAL SERVICES 1
 2190 TULLETT PREBON FINANCIAL SERVICES LLC/TULLETT PREBON FINANCIAL SERVICES
 2193 SSB-PHYSICAL CUSTODY SERVICES
 2196 THE BANK OF NEW YORK MELLON/BARCLAYS BANK PLC

2200 SERIES

2205 KEYBANK NATIONAL ASSOCIATION
2206 BANK NEW YORK MELLON/FIRM ITC-INVESTMENT DEALER
2207 BNYMELLON/RE RABOBANK INTERNATIONAL LONDON EQUITY FINANCE
2209 BNYMELLON/RE MIDCAP SPDRS
2219 HUNTINGTON NATIONAL BANK/FBO OHIO POLICE AND PENSION FUND
2220 THE BANK OF NEW YORK MELLON/EF SECURITIES LLC
2224 THE BANK OF NEW YORK MELLON/NATIXIS FINANCIAL PRODUCTS INC
2225 THE BANK OF NEW YORK MELLON/E-TRADE BANK
2234 U.S. BANK N.A./SAFEKEEPING WEST
2236 BANK OF AMERICA, NATIONAL ASSOCIATION
2243 BNYMELLON/RE NATIXIS FIXED INCOME
2244 BNYMELLON/RE NATIXIS
2251 BANK OF AMERICA NA/CLIENT ASSETS
2257 ASSOCIATED BANK, N.A.
2262 TRUIST BANK/SUNTRUST BANK DEALER
2267 MORGAN STANLEY PRIVATE BANK, NATIONAL ASSOCIATION
2271 WESBANCO BANK, INC.
2281 BNY MELLON/NOMURA INT'L PLC REPO
2291 TULLETT PREBON FINANCIAL SERVICES LLC/PREBON FINANCIAL PRODUCTS, INC.

2300 SERIES

2305 THE HUNTINGTON NATIONAL BANK
2306 FANNIE MAE
2307 BNYMELLON/RE ING BANK NV LONDON BRANCH
2308 BNYMELLON/RE BOA NA
2309 BANK OF MONTREAL, CHICAGO BRANCH
2312 JPMORGAN CHASE BANK NA/DBTC AMERICAS/DEUTSCHE BANK AG (LONDON BRANCH)
2313 BNYMELLON/RE BARCLAYS (BGIS)
2314 JPMORGAN CHASE BANK NA/DBTC AMERICAS/DB UK BANK LIMITED
2319 SSB - TRUST CUSTODY
2322 BNP PARIBAS, NY BRANCH/ BNPP SA
2324 BNYMELLON/RE BARCLAYS BANK PLC - PLEDGE ACCOUNT
2328 BNY MELLON/ANWORTH MORTGAGE ASSET CORP.
2330 COMPUTERSHARE TRUST COMPANY, N.A./OPTIONS
2333 CITIBANK, N.A./ETF
2334 JPMORGAN CHASE-ADR MAX
2336 BNYMELLON/RE CHARLES STANLEY AND COMPANY, LIMITED
2338 HONG KONG SECURITIES CLEARING COMPANY LIMITED
2339 BNYMELLON/RE ITC - DEALERS CLEARANCE SPECIAL
2342 THE BANK OF NEW YORK MELLON/ELLINGTON MORTGAGE FUND SC, LTD.
2347 THE BANK OF NOVA SCOTIA, NEW YORK AGENCY
2352 AMALGAMATED BANK
2357 JPMORGAN CHASE BANK/IA
2359 BNYMELLON/RE HSBC BANK PLC PARIS BRANCH
2361 BNYMELLON/RE FIRM SECURITIES FINANCE
2362 THE BANK OF NEW YORK MELLON/CRESCENT II FUND L.P.
2363 BNYMELLON/RE HSBC BANK PLC EQD USBR
2366 BNYMELLON/RE BARCLAYS CAP SEC LTD PB SEG 1
2367 BNYMELLON/RE BARCLAYS CAP SEC LTD PB SEG 2
2375 STATE STREET BANK & TRUST COMPANY / ISHARES EUROPE
2379 JPMORGAN CHASE BANK/JPMORGAN PPB
2381 BNYMELLON/RE FIRM TRADE INS
2382 MANUFACTURERS AND TRADERS TRUST COMPANY/BANK PORTFOLIO
2386 STATE STREET BANK AND TRUST COMPANY, N.A.
2391 FEDERAL HOME LOAN MORTGAGE CORPORATION
2393 HSBC BANK USA, NATIONAL ASSOCIATION/OMNIBUS
2396 MIZUHO SECURITIES USA LLC/FIXED INCOME
2399 STATE STREET BANK AND TRUST COMPANY/DEUTSCHE BANK FRANKFURT

2400 SERIES

2407 BNYMELLON/DEDICATED PARTICIPANT #77

2415 COMPUTERSHARE TRUST COMPANY, N.A.
 2416 FIFTH THIRD BANK/STATE TEACHERS RETIREMENT OF OHIO
 2417 THE BANK OF NEW YORK MELLON/ELLINGTON MORTGAGE OPPORTUNITIES MASTER FUND LTD.
 2424 JPMORGAN CHASE BANK, N.A./CUSTODIAL TRUST COMPANY
 2425 HOME FEDERAL BANK OF TENNESSEE, F.S.B.
 2426 CITIBANK, N.A./CORPORATE AGENCY & TRUST
 2427 THE BANK OF NEW YORK MELLON / BOFA SECURITIES INC
 2428 BNYMELLON/RE DBTC AMERICAS/DEUTSCHE BANK LONDON PRIME
 2433 JPMORGAN CHASE BANK/VANGUARD LOANET
 2434 JPMORGAN CHASE BANK/GNPH MIDDLE MARKET
 2436 SSB - BANK PORTFOLIO
 2438 THE BANK OF NEW YORK MELLON TRUST COMPANY, NATIONAL ASSOCIATION
 2443 BNYMELLON/RE CACEIS BANK S.A
 2444 THE BANK OF NEW YORK MELLON/FSA
 2445 FIRST HORIZON BANK
 2447 HOME FEDERAL BANK/HOME FINANCIAL SERVICES, INC.
 2450 UMB BANK, NATIONAL ASSOCIATION
 2451 UMB BANK, INVESTMENT DIVISION
 2452 BNYMELLON/RE DBTC AMERICAS/DEUTSCHE BK LONDON PRIME SEG 15/00
 2453 BNYMELLON/RE DBTC/DEUTSCHE BK LONDON PRIME SEG 1
 2454 BNYMELLON/RE DBTC/DEUTSCHE BK LONDON PRIME SEG 2
 2462 BNYMELLON/RE HSBC BANK PLC
 2468 BNYMELLON/RE DEUTSCHE BANK AG FRANKFURT
 2469 THE BANK OF NEW YORK MELLON/MIZUHO CORPORATE BANK LTD., NEW YORK BRANCH
 2472 BNYMELLON/RE DR CUSTODY ACCOUNT
 2474 BNYMELLON/RE MILLENNIUM PARTNERS
 2475 THE BANK OF NEW YORK MELLON/ANNALY COMMERCIAL REAL ESTATE GR.
 2478 THE BANK OF NEW YORK MELLON/DBAG LONDON GLOBAL MARKETS (CLIENT ACCT)
 2479 THE BANK OF NEW YORK MELLON/DBAG FRANKFURT GLOBAL MARKET
 2480 WELLS FARGO SECURITIES, LLC/SECURITIES FINANCE
 2481 DEUTSCHE BANK AG, NEW YORK BRANCH
 2483 COMPASS BANK
 2485 THE BANK OF NEW YORK MELLON/DBAG LONDON GLOBAL MARKET
 2486 BNYMELLON/RE RABOBANK UTRECHT FIXED INCOME
 2488 BNYMELLON/RE DBAG PB UCITS CLIENTS
 2490 BNYMELLON/RE RABOBANK INT'L UTRECHT EQUITY FIN
 2491 TD SECURITIES (USA) LLC/TD BANK
 2492 MIZUHO BANK (USA)/SECURITY LENDING
 2494 BNYMELLON/RE BOA SECURITIES LTD. (BASL)
 2496 BNYMELLON/RE BARCLAYS PAYMENT SOLUTIONS INC
 2497 DESERET TRUST COMPANY - I
 2499 BNYMELLON/RE NOMURA CL SETT NOM LTD

2500 SERIES

2502 THE BANK OF NEW YORK MELLON/ANNALY MORTGAGE
 2504 BNYMELLON/RE DEPOSITARY RECEIPT SERVICES/MERRILL LYNCH REDEM.
 2507 UBS AG STAMFORD BRANCH/AS CUSTODIAN FOR UBS AG LONDON BRANCH
 2508 JPMORGAN CHASE BANK/CORPORATE MUNICIPAL DEALER
 2510 BNYMELLON/RE THE PRUDENTIAL INVESTMENT
 2517 JPMORGAN CHASE BANK/PRUDENTIAL
 2522 MORGAN STANLEY PRIVATE BANK, NATIONAL ASSOCIATION/#2
 2523 BNY MELLON CAPITAL MARKETS, LLC
 2531 THE BANK OF NOVA SCOTIA, NEW YORK AGENCY/RATES DESK
 2533 HOME FEDERAL BANK/HF PORTFOLIO
 2534 HOME FEDERAL BANK OF TENNESSEE, FSB/TRUST DEPARTMENT CUSTOMERS
 2539 MIZUHO BANK LTD. NEW YORK BRANCH
 2543 THE BANK OF NEW YORK MELLON/NOMURA BANK INT'L PLC
 2545 LAKESIDE BANK
 2546 STATE STREET BANK AND TRUST COMPANY/DB RESIDUAL PROCESSING ACCOUNT
 2553 BNYMELLON/RE DAVY SECURITIES LIMITED
 2555 BANK OF CHINA, NEW YORK BRANCH
 2557 BANKERS' BANK
 2559 BMO HARRIS BANK NA/DEALER

2562	CITIBANK NA/DEALER SAFEKEEPING
2563	ASCENSUS TRUST COMPANY
2565	THE BANK OF NEW YORK MELLON/BAKERGROUP
2566	BNYMELLON/RE ANCHORAGE CAPITAL
2567	AMALGAMATED BANK OF CHICAGO
2568	TD SECURITIES (USA) LLC
2570	MITSUBISHI UFJ TRUST & BANKING CORPORATION, NEW YORK BRANCH/STOCK LOAN
2573	BNYMELLON/RE RABOBANK INTERNATIONAL NY
2578	SYNOVUS BANK
2579	SYNOVUS BANK/SYNOVUS 2
2580	U.S. BANK N.A./ETF
2582	BNYMELLON/RE DEUTSCHE BANK AG LONDON PRIME BROKERAGE
2586	COMPUTERSHARE TRUST COMPANY, N.A./DRP
2590	BNYMELLON/RE BANCO SANTANDER SLB
2595	BNYMELLON/RE FIRM INVESTMENT PORTFOLIO
2598	BNYMELLON/RE CACEIS BANK DEUTSCHLAND GMBH

2600 SERIES

2601	BNYMELLON/RE TRADITION LONDON CLEARING LTD.
2609	JPMORGAN CHASE BANK/TREASURER OF STATE OF OHIO BWC
2612	JPMORGAN CHASE/US EQ TRP
2616	PNC BANK, NATIONAL ASSOCIATION
2621	BNYMELLON/RE MIZUHO INTERNATIONAL
2622	TEXAS TREASURY SAFEKEEPING TRUST COMPANY
2625	SSB&T/SEC FIN AS PRINCIPAL
2630	BNYMELLON/RE AIG
2634	BNYMELLON/RE GOV & CO BANK OF ENGLAND
2641	BNYMELLON/RE BARCLAYS CAPITAL INC.
2648	BNYMELLON/RE GLOBAL PRIME PARTNERS
2655	DBTC AMERICAS/CTAG-GES
2656	BANK OF CHINA NEW YORK BRANCH/CLIENT CUSTODY
2657	BNYMELLON/RE JW GIDDENS TRUSTEE LIQ LEHMAN BROS
2658	CITIBANK, N.A./SEGREGATED LENDING
2660	GOLDMAN SACHS BANK USA/GOLDMAN SACHS AGENCY LENDING
2663	SEI PRIVATE TRUST COMPANY/C/O GWP
2667	INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES LLC/ CLEARING
2668	JPMORGAN CHASE BANK,N.A./JPMORGAN CHASE FUNDING INC.
2669	THE NORTHERN TRUST COMPANY
2677	BNYMELLON/RE RABO CAPITAL SERVICES
2678	SSB&T CO/CLIENT CUSTODY SERVICES
2679	TD SECURITIES (USA) LLC/ TDB UNENCUMBERED
2680	SOCIETE GENERALE NY/SOCIETE GENERALE PARIS
2681	THE BANK OF NEW YORK MELLON/ITC-DEALERS CLEARANCE GENERAL
2683	TD SECURITIES (USA) LLC/ TD NY
2684	NORTHERN TRUST COMPANY - SAFEKEEPING
2687	CALDWELL TRUST COMPANY
2690	DEUTSCHE BANK AG NY/US CUSTODY
2697	BMO HARRIS BANK NA

2700 SERIES

2703	TRUIST BANK/IP TRUIST FINANCIAL CORP
2705	TRUIST BANK/IP TRUIST BANK
2709	BNYMELLON/RE DE SHAW & CO.
2711	BNYMELLON/RE ICAP LONDON
2714	BNYMELLON/RE NATIONAL BANK OF AUSTRALIA
2716	BNYMELLON/RE D.E. SHAW KALON PORTFOLIOS, L.L.C.
2717	TRUIST BANK/SUNTRUST SAFEKEEPING
2718	BNYMELLON/RE NOMURA CNS NOM RE: TFS DER
2719	BNYMELLON/RE DBLPB-DBX RISK ARBITAGE 8 FUND
2720	BNYMELLON/RE BARCLAYS BK PLC-BARC LUX SARL A/C 1
2721	BNYMELLON/RE BARCLAYS BK PLC-BARC LUX SARL A/C 2
2724	BNYMELLON/RE DBLPB-CENTAURUS PROXIMA FD
2726	BNYMELLON/RE DBLPB-DBX-ASIAN L/S EQUITY 2 FUND

2731 BNYMELLON/RE SCULPTOR CAPITAL MANAGEMENT
 2735 DEPOSITO CENTRAL DE VALORES S.A., DEPOSITO DE VALORES
 2736 ZIONS BANCORPORATION, NATIONAL ASSOCIATION/WESTERN NATIONAL
 2767 SSB - BLACKROCK INSTITUTIONAL TRUST
 2769 KEYBANK NA/FBO TREASURER OF STATE OF OHIO
 2773 JPMORGAN CHASE BANK/MUNICIPAL DEALER
 2776 THE BANK OF NEW YORK MELLON/ELLINGTON CREDIT OPPORTUNITIES LTD.
 2778 NORTHERN TRUST COMPANY/FUTURE FUND ACCOUNTS
 2779 SUMITOMO MITSUI TRUST BANK (U.S.A.) LIMITED
 2781 U.S. BANK, N.A./U.S. BANK MUNICIPAL SECURITIES GROUP
 2782 E*TRADE BANK
 2784 THE BANK OF NEW YORK MELLON/ST. BERNARD OPPORTUNITY FUND 1, LTD.
 2785 BNYMELLON/RE MILLENNIUM FIXED INCOME LTD
 2786 BBVA SECURITIES INC.
 2787 BNP PARIBAS, NEW YORK BRANCH/CUSTODY/CLIENT ASSETS
 2790 CITIBANK, N.A. BOOK-ENTRY-ONLY MEDIUM TERM NOTE ACCOUNT

2800 SERIES

2802 BNYMELLON/RE BBPLC PB CAYMEN CLIENTS
 2803 U.S. BANK N.A.
 2808 DBTC AMERICAS/CTAG-CDFP
 2825 BNYMELLON/RE BBPLC PB CANADIAN CLIENTS
 2828 THE BANK OF NEW YORK MELLON/DEUTSCHE BANK AG
 2830 BNYMELLON/RE HSBC BANK PLC
 2838 BNYMELLON/RE SMBC NIKKO SECURITIES AMERICA INC
 2843 BNYMELLON/RE SMBC NIKKO CAPITAL MARKETS LTD
 2834 PNC BANK, N.A./PITTSBURGH
 2835 PNC BANK N.A./PNC CAPITAL MARKETS LLC
 2837 U.S. BANK N.A./THIRD PARTY LENDING
 2841 THE BANK OF NEW YORK MELLON/EF MORTGAGE, LLC
 2842 THE BANK OF NEW YORK MELLON/EF CMO, LLC
 2844 BNYMELLON/RE BBPLC PB UK CLIENTS
 2846 BNYMELLON/RE (AG) DESHAW OCULUS PORT LLC.PLGCOLL AC
 2851 MUFU UNION BANK, N.A./CAPITAL MARKETS
 2858 BNYMELLON/RE FIRM SMPT ASSETS
 2865 JPMORGAN CHASE BANK/AG DEPOSITARY BANK
 2868 BNYMELLON/RE FIRM SECURED FINANCE
 2871 TRUIST BANK/IP BB&T COMMUNITY HOLDINGS
 2874 THE BANK OF NEW YORK MELLON/CHIMERA INVESTMENT CORPORATION
 2875 THE BANK OF NEW YORK MELLON/CHIMERA RMBS WHOLE POOL LLC (F/K/A CIM ASSET HOLDING)
 2880 CENTRAL TRUST BANK (THE)
 2884 BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS PRIME BROKERAGE INTERNATIONAL
 2885 BNP PARIBAS SECURITIES CORP./PRIME STOCK LENDING
 2888 MIZUHO BANK (USA)
 2893 THE BANK OF NEW YORK MELLON/CHIMERA RMBS LLC (F/K/A CIM HOLDING)
 2894 HSBC BANK USA, N.A./CORPORATE TRUST IPA
 2897 U.S. BANK N.A./TRUST NY MTN
 2898 HUNTINGTON NATIONAL BANK/FBO SCHOOL EMPLOYEE RETIREMENT SYSTEM OF OHIO
 2899 THE BANK OF NEW YORK MELLON/CHIMERA SECURITIES HOLDING LLC

2900 SERIES

2901 THE BANK OF NEW YORK MELLON/CHIMERA SPECIAL HOLDING LLC
 2903 THE BANK OF NEW YORK MELLON/BAKER2
 2906 THE BANK OF NEW YORK MELLON/CHIMERA TRADING COMPANY LLC
 2908 BNYMELLON/RE ANZ MELBOURNE
 2909 BNYMELLON/RE BARCLAYS BANK IRELAND TREASURY ACCT
 2912 BNYMELLON/DEDICATED PARTICIPANT #59
 2919 BNYMELLON/RE HSBC FRANCE
 2920 THE BANK OF NEW YORK MELLON/NATIXIS SECURITIES AMERICAS LLC
 2922 BNYMELLON/RE BARCLAYS BANK IRELAND
 2926 BNYMELLON/RE BNYMSANVFFT RE FIRM
 2931 BNYMELLON/RE BARCLAYS BANK PLC
 2932 MITSUBISHI UFJ TRUST & BANKING CORPORATION, NEW YORK BRANCH

2937 PNC BANK, N.A./HPRS
 2940 THE BANK OF NEW YORK MELLON/VINNING SPARKS, IBG, L.P.
 2941 GOLDMAN SACHS BANK USA
 2945 JPMORGAN CHASE-FIMAT CU
 2947 BNYMELLON/RE BARCLAYS BANK IRELAND PLC F
 2948 BNYMELLON/RE MIZUHO SECURITIES EUROPE GMBH
 2950 STATE STREET BANK & TRUST/STATE STREET TOTALET F
 2952 CITIBANK N.A. LONDON/MTN
 2971 TRUIST BANK
 2973 JPMORGAN CHASE BANK/MET LIFE LOANET
 2975 FIFTH THIRD BANK/PUBLIC EMPLOYEES RETIREMENT SYSTEM
 2985 BNYMELLON/RE RBC I&TS
 2993 CHARLES SCHWAB BANK

3500 SERIES

3516 THE BANK OF NEW YORK MELLON/WFC HOLDINGS CORPORATION
 3593 BNYMELLON/RE NORDEA DK/SEC FINANCE SE
 3598 CURVATURE SECURITIES, LLC

3600 SERIES

3622 J.P. MORGAN CHASE BANK NA/FBO BLACKROCK CTF
 3670 MIZUHO SECURITIES USA LLC/MIZUHO MARKETS CAYMAN
 3691 ROBINHOOD SECURITIES, LLC/ SECURITIES LENDING

3800 SERIES

3821 ELECTRONIC TRANSACTION CLEARING, INC./HOUSE
 3856 VELOX CLEARING LLC
 3884 JPMORGAN CHASE BANK, NATIONAL ASSOCIATION/INTERMEDIARY HOLDING COMPANY

3900 SERIES

3915 JPMORGAN CHASE BANK, NATIONAL ASSOCIATION/FBO TEMASEK INTERNATIONAL PTE LTD
 3916 BNYMELLON/NOMURA FINANCIAL PRODUCTS EUROPE GMBH
 3926 CITIBANK, N.A./S.D. INDEVAL INSTITUCION PARA EL DEPOSITO DE VALORES, S.A. DE C.V.
 3932 E D & F MAN CAPITAL MARKETS INC./ SECURITIES LENDING
 3935 MORGAN STANLEY & CO. INTERNATIONAL PLC/MORGAN STANLEY BANK A.G.
 3944 GOLDMAN SACHS BANK USA/GS & CO. LLC FCM CLEARED SWAPS CUST OMNIBUS ACCT CFTC REG 22.2 CUST
 3951 NATIONAL FINANCIAL SERVICES/ FIDELITY AGENCY LENDING
 3961 BUCKLER SECURITIES LLC
 3967 BNYMELLON/RE RBC CAPITAL MARKETS (EUROPE) GMBH
 3968 BNYMELLON/RE DESHAW US LARGE CAP CORE PORTS L.L.C
 3970 BNYMELLON/RE FIRM SAM NA
 3972 BNYMELLON/RE BARCLAYS BANK DELAWARE
 3973 BNYMELLON/RE SMBC CAPITAL MARKETS FRANKFURT
 3974 CITIBANK, N.A./PROJECT BLUE
 3975 BOKF, NATIONAL ASSOCIATION

4000 SERIES

4006 SOUTH STREET SECURITIES LLC/IMS
 4024 CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK
 4027 CITIBANK, N.A./PUERTO RICO IBE
 4048 BROWN BROTHERS HARRIMAN & CO. /SECURITIES LENDING SPO ACCOUNT II
 4053 TRUIST BANK/SUPPLY CHAIN FINANCE
 4056 GOLDMAN SACHS INTERNATIONAL/ GOLDMAN SACHS BANK EUROPE SE
 4077 BETA CAPITAL SECURITIES LLC
 4084 BNYMELLON/RE FIRM NA
 4085 BNYMELLON/RE LME CLEAR
 4086 BNYMELLON/DEDICATED PARTICIPANT #76
 4087 BNYMELLON/RE BCSL PB SEG AC 5
 4088 BNYMELLON/RE ARBEJDSMARKEDETS TILLAEGSPENSION

4100 SERIES

4101 JPMORGAN CHASE BANK, N.A./JPMORGAN CHASE HOLDINGS LLC
 4102 JPMORGAN CHASE BANK, N.A/CHIEF INVESTMENT OFFICE 4

4180	DEPOSITO CENTRAL DE VALORES S.A., DEPOSITO DE VALORES/BVE
4200 SERIES	
4209	MORGAN STANLEY PRIVATE BANK, NATIONAL ASSOCIATION/ MSPBNA CIO
4215	TD SECURITIES (USA) LLC/PHYSICAL ACCOUNT
4231	CLEAR STREET LLC/SECURITIES LENDING
4252	BNP PARIBAS NEW YORK BRANCH / BNP PARIBAS SA (METLIFE)
4254	SCOTIA CAPITAL (USA) INC./AS AGENT FOR THE BANK OF NOVA SCOTIA,TORONTO BRANCH
4264	ICE SECURITIES EXECUTION & CLEARING, LLC
4300 SERIES	
4302	BNP PARIBAS, NEW YORK BRANCH/MARKETAXESS/CLIENT ASSETS
4327	CITIBANK, N.A./CITIBANK MARGIN LOANS BRANCH
4341	BNYMELLON/ RE HSBC UK BANK PLC
4400 SERIES	
4404	GOLDMAN SACHS & CO. LLC/CME HOUSE COLLATERAL ACCT
4439	APEX CLEARING CORPORATION/APEX CLEARING MATCHBOOK
4462	BNYMELLON/DEDICATED PARTICIPANT #80
4500 SERIES	
4556	BNYMELLON/RE FIRM RE SANV
4700 SERIES	
4707	ROYAL BANK OF CANADA-ROYAL TRUST/CDS**
4712	BMO NESBITT BURNS INC./BMO TRUST COMPANY/CDS**
4717	TORONTO-DOMINION BANK (THE)/TD GLOBAL FINANCE UNLIMITED COMPANY
4794	THE BANK OF NOVA SCOTIA/PRINCIPAL EQUITIES/CDS**
4795	THE BANK OF NOVA SCOTIA/SUB FIXED INCOME/IMPACT/CDS**
4797	BMO NESBITT BURNS/INSTITUTIONAL/CDS**
4800 SERIES	
4800	CDS CLEARING AND DEPOSITORY SERVICES INC.
4801	RBC DOMINION SECURITIES INC./CDS**
4802	BANK OF NOVA SCOTIA/BNS LONDON/CDS**
4805	TORONTO-DOMINION BANK (THE)**
4808	J.P. MORGAN SECURITIES CANADA INC. **
4809	BMO NESBITT BURNS INC./BMO NB Equity Finance CMLUK/CDS
4810	THE BANK OF NOVA SCOTIA/BNS TOR PRINCIPAL GLOSS/CDS
4812	THE BANK OF NOVA SCOTIA/CDS**
4814	THE BANK OF NOVA SCOTIA/ SCE LTD./CDS**
4816	THE BANK OF NOVA SCOTIA/CLIENT A
4817	BANK OF MONTREAL/ CHICAGO/CDS**
4818	FIDUCIE DESJARDINS INC.**
4819	BANK OF MONTREAL/ IRELAND/CDS**
4822	BANK OF MONTREAL/ LONDON/CDS**
4838	THE BANK OF NOVA SCOTIA/CLIENT B/CDS**
4845	BANK OF MONTREAL/US TRANSIT/CDS
4855	BANK OF MONTREAL**
4900 SERIES	
4947	BMO NESBITT BURNS INC./BMO NB Equity Finance BMIRE/CDS
5000 SERIES	
5001	LAURENTIAN BANK SECURITIES INC./CDS
5002	RBC DOMINION SECURITIES INC./CDS**
5003	SOCIETE GENERALE CAPITAL CANADA INC./CDS**
5008	NATIONAL BANK FINANCIAL INC./CDS**
5011	SCOTIA CAPITAL INC./CDS**
5012	EDWARD JONES/CDS**
5013	CALDWELL SECURITIES LTD./CDS**
5014	PETERS & CO. LIMITED/CDS**
5016	GMP SECURITIES L.P./CDS**

5017 UBS SECURITIES CANADA INC./CDS**
 5019 CREDIT SUISSE SECURITIES CANADA INC./CDS**
 5027 PICTET CANADA L.P./CDS**
 5028 DESJARDINS SECURITIES INC./CDS**
 5029 MACKIE RESEARCH CAPITAL CORPORATION/CDS**
 5030 CIBC WORLD MARKETS INC./CDS**
 5036 TD WATERHOUSE CANADA INC./CDS**
 5040 FIDELITY CLEARING CANADA ULC/CDS**
 5043 BMO NESBITT BURNS INC./CDS**
 5044 ROYAL BANK OF CANADA-ROYAL TRUST 1/CDS**
 5046 CANACCORD GENUITY CORP./CDS**
 5047 MANULIFE SECURITIES INCORPORATED/CDS**
 5055 CORMARK SECURITIES INC./CDS**
 5058 HAYWOOD SECURITIES INC./CDS**
 5068 CDS CLEARING AND DEPOSITORY SERVICES INC./CDS DEFAULT MANAGEMENT CONTROL ACCOUNT
 5071 LEEDE JONES GABLE INC./CDS**
 5074 ODLUM BROWN LIMITED/CDS**
 5075 PI FINANCIAL CORP./CDS**
 5076 RAYMOND JAMES LTD./CDS**
 5078 W.D. LATIMER CO LTD./CDS**
 5083 CREDENTIAL SECURITIES INC./CDS**
 5084 QUESTRADE INC./CDS**
 5085 BBS SECURITIES INC./CDS**
 5099 CDS CLEARING AND DEPOSITORY SERVICES INC.**

5100 SERIES

5101 BARCLAYS CAPITAL INC.
 5104 ING FINANCIAL MARKETS LLC/INTERNATIONAL
 5127 MORGAN STANLEY & CO. LLC/II
 5143 BOFA SECURITIES, INC./SECURITIES LENDING
 5153 BNP PARIBAS NY BRANCH LONDON BONDS
 5157 NATIONAL FINANCIAL SERVICES LLC/STOCK LOAN
 5158 CREWS & ASSOCIATES, INC.
 5162 DEUTSCHE BANK SECURITIES INC.-INTERNATIONAL STOCK LOAN
 5163 PERSHING LLC/SL
 5166 WEDBUSH SECURITIES INC./STOCK LOAN
 5170 UBS FINANCIAL SERVICES INC./GOVERNMENT SECURITIES ACCOUNT #2
 5175 TEMPER OF THE TIMES INVESTOR SERVICES, INC.
 5176 BOFA SECURITIES, INC./FOREIGN SECURITY LENDING
 5179 RAYMOND JAMES & ASSOCIATES, INC./RAYMOND JAMES TRUST COMPANY
 5180 NSI STOCK LENDING
 5196 PERSHING LLC/SL INT'L
 5198 BOFA SECURITIES, INC./SAFEKEEPING

5200 SERIES

5208 GOLDMAN SACHS INTERNATIONAL
 5213 J.P. MORGAN SECURITIES LLC/JPMC LENDING
 5215 CITIGROUP GLOBAL MARKETS INC./SALOMON BROTHERS/A.M.M.
 5217 FMSBONDS, INC.
 5221 BMO CAPITAL MARKETS CORP./PALOMA
 5222 NOMURA SECURITIES/FIXED INCOME
 5224 MORGAN STANLEY & CO. LLC/III
 5225 DEUTSCHE BANK SECURITIES INC.-FIXED INCOME STOCK LOAN
 5237 WELLS FARGO CLEARING SERVICES, LLC/SECURITIES LENDING MATCH BOOK
 5253 CANTOR FITZGERALD/STOCK LOAN
 5257 BMOCM/BONDS
 5263 NATWEST MARKETS SECURITIES INC./FIXED INCOME
 5268 ING FINANCIAL MARKETS LLC/INTERNATIONAL EQUITY FINANCE
 5271 BGC FINANCIAL L.P./BGC BROKERS L.P.
 5284 UBS SECURITIES LLC/SECURITIES LENDING
 5288 SECURITIES LENDING SPO ACCOUNT/BBH
 5298 TD AMERITRADE CLEARING, INC./SECURITIES LENDING

5300 SERIES	
5300	NYSE ARCA, INC.
5385	TRUIST BANK/BRANCH BANKING AND TRUST COMPANY
5400 SERIES	
5409	RELIANCE TRUST COMPANY/FIS TRUSTDESK MKE
5600 SERIES	
5600	JAPAN SECURITIES DEPOSITORY CENTER, INC.
5610	CAJA DE VALORES S.A.
5700 SERIES	
5700	THE CENTRAL DEPOSITORY (PTE) LIMITED
5800 SERIES	
5855	PAXOS TRUST COMPANY, LLC
5900 SERIES	
5903	MIZUHO SECURITIES USA LLC/MIZUHO MARKETS AMERICA
5954	MATRIX TRUST COMPANY
5962	RELIANCE TRUST COMPANY
5981	E*TRADE SAVINGS BANK
6000 SERIES	
6019	VELOCITY CAPITAL LLC
6500 SERIES	
6501	BNYMELLON/RE ANZ BANKING GROUP LIMITED
6582	MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED/STOCK LOAN
6700 SERIES	
6769	ROBINHOOD SECURITIES, LLC
7000 SERIES	
7001	BLOOMBERG TRADEBOOK LLC
7200 SERIES	
7260	AMERICAN ENTERPRISE INVESTMENT SERVICES INC./CONDUIT
7263	BARCLAYS BANK PLC NEW YORK BRANCH
7268	STATE STREET BANK & TRUST COMPANY/LENDING PASS-THROUGH
7273	ING FINANCIAL MARKETS LLC/INTERNATIONAL EQUITY FINANCE MATCH BOOK ACCOUNT
7276	INSTINET, LLC/STOCK LOAN
7295	CIBC WORLD MARKETS CORP./CIBC WORLD MARKETS CORP. REPO
7300 SERIES	
7305	MERRILL LYNCH PIERCE FENNER & SMITH INC.-MLIM GLOBAL SECURITIES FINANCING INTERNATIONAL
7309	MORGAN STANLEY & CO. INTERNATIONAL PLC
7311	CANTOR FITZGERALD & CO./DEBT CAPITAL MARKETS
7320	JANNEY MONTGOMERY SCOTT LLC/STOCK LOAN
7322	CHARLES SCHWAB & CO., INC. STOCK LOAN CONDUIT ACCOUNT
7350	WOLVERINE EXECUTION SERVICES, LLC
7359	QUANTEX CLEARING, LLC/STOCK LOAN
7360	WELLS FARGO CLEARING SERVICES, LLC/SUB ACCOUNT WFA REPO
7372	CREDIT AGRICOLE SECURITIES (USA) INC/F/B/O CREDIT AGRICOLE NY BRANCH
7380	MIZUHO SECURITIES USA LLC/MIZUHO CAPITAL MARKETS LLC
7381	RELIANCE TRUST COMPANY/FIS GLOBAL PLUS
7382	BNP PARIBAS NY BRANCH/PARIS BONDS
7387	BNYMELLON/RE HSBC BANK HONG KONG
7400 SERIES	
7408	RBC CAPITAL MARKETS, LLC/RBCCM
7441	JEFFERIES LLC/AS AGENT FOR JEFFERIES INTERNATIONAL LONDON
7451	SOUTH STREET SECURITIES LLC

7500 SERIES

7507 NOMURA SECURITIES INTERNATIONAL, INC./AFFILIATE CLEARING
7540 CREDIT AGRICOLE SECURITIES (USA) INC/STOCK LOAN CONDUIT
7560 BOFA SECURITIES, INC./STOCK LOAN HEDGE ACCOUNT
7561 DAIWA CAPITAL MARKETS AMERICA INC./DASAC
7565 JEFFERIES LLC/SECURITIES FINANCE
7568 RAYMOND JAMES & ASSOCIATES, INC / RAYMOND JAMES BANK
7571 ABN AMRO SECURITIES (USA) LLC/A/C#2
7576 AXOS CLEARING LLC/STOCK LOAN
7578 TD PRIME SERVICES LLC/STOCK LOAN
7582 COMPASS BANK/INVESTMENTS
7583 INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES LLC/ SECURITIES LENDING
7587 CHARLES SCHWAB & CO., INC./SCHWAB GLOBAL INVESTING ACCOUNT
7590 ABN AMRO SECURITIES (USA) LLC/REPO
7591 ABN AMRO SECURITIES (USA) LLC/ABN AMRO BANK NV REPO
7593 TD SECURITIES (USA) LLC/ TORONTO DOMINION SECURITIES INC.
7595 ING FINANCIAL MARKETS LLC/GLOBAL SECURITIES FINANCE NON-PURPOSE

8000 SERIES

8020 S.D. INDEVAL INSTITUCION PARA EL DEPOSITO DE VALORES S.A. DE C.V.
8035 TRADESTATION SECURITIES, INC./TRADESTATION SECURITIES, INC.
8043 BNYMELLON/WFB.NA WELLS FARGO BANK NA PI
8072 ALPINE SECURITIES CORPORATION
8077 BNYMELLON/WF & CO WELLS FARGO & COMPANY
8082 ZIV INVESTMENT CO.

8100 SERIES

8107 BNYMELLON/RE FIRM BORROW PLUS
8112 JPMORGAN CHASE BANK/OHIO POLICE AND FIRE PENSION FUND
8113 ITAU BBA USA SECURITIES, INC.
8115 THE BANK OF NEW YORK MELLON/EARN SECURITIES LLC
8116 THE BANK OF NEW YORK MELLON/EARN CMO LLC
8117 THE BANK OF NEW YORK MELLON/EARN MORTGAGE LLC
8118 SCOTIA CAPITAL (USA) INC./STOCK LOAN
8119 SCOTIA CAPITAL (USA) INC./INTERNATIONAL STOCK LOAN
8123 THE BANK OF NEW YORK MELLON/NOMURA FIN. PRODUCTS & SERVICES INC.
8132 BNYMELLON/RE FIRM HOLDING CO.
8134 BNYMELLON/RE BNYMSANVLB RE FIRM
8139 BNYMELLON/RE BBPLC F LRCM REPO
8147 STATE STREET BANK & TRUST COMPANY/EC, GMBH
8150 MID ATLANTIC TRUST COMPANY
8164 CITIBANK N.A./PROPRIETARY ASSETS
8183 BNP PARIBAS NEW YORK BRANCH/USAL
8185 COWEN EXECUTION SERVICES LLC/STOCK LOAN CONDUIT
8187 JPMORGAN CHASE BANK, NATIONAL ASSOCIATION/PUBLIC EMPLOYESS RETIREMENT SYSTEM OF OHIO
8197 GOLDMAN SACHS BANK USA/#2
8199 WEDBUSH SECURITIES INC./P3

8200 SERIES

8233 ZIONS BANCORPORATION, NATIONAL ASSOCIATION/PORTFOLIO
8237 WEDBUSH SECURITIES INC./PC STOCK LOAN
8238 BNP PARIBAS SECURITIES CORP./PRIME ARBITRAGE SLAB
8244 FIRST TRUST PORTFOLIOS, L.P.
8275 BNYMELLON/WEALTH MANAGEMENT

8300 SERIES

8308 APEX CLEARING CORPORATION/APEX CLEARING STOCK LOAN
8310 BNYMELLON/RE BNYMLB RE FIRM SF
8311 BNYMELLON/RE BNYMLB RE FIRM
8313 BNYMELLON/RE CACEIS BANK
8314 BNYMELLON/RE CBD BAADER AG
8317 BNYMELLON/RE CBD STEUBING AG

8318 BNYMELLON/RE WINTERFLOOD SECURITIES LTD
8320 BNYMELLON/RE CACEIS BANK LUXEMBOURG
8321 BNYMELLON/RE GFI SECURITIES LTD
8353 NATIONAL BANK OF CANADA FINANCIAL INC.
8355 BNYMELLON/RE UIT NSCC CNS CLEARANCE
8385 STIFEL, NICOLAUS & COMPANY, INC./STIFEL SECURITIES LENDING
8387 THE BANK OF NEW YORK MELLON/NOMURA SECURITIES (BERMUDA) LTD.
8396 HSBC BANK USA, NA/CLEARING

8400 SERIES

8402 HSBC BANK USA, NA/HTM
8404 HSBC BANK USA, NA/AFS
8412 BNYMELLON/EF CORPORATE HOLDINGS LLC
8414 BNYMELLON/RE BB RE FIRM
8417 BNYMELLON/RE FFT RE FIRM
8420 BNYMELLON/RE NA-BANK CUSTODY
8421 BNYMELLON/RE BNYMIL FIRM
8423 BNYMELLON/RE RABOBANK LONDONBRANCH FIXED INCOME
8430 CITADEL SECURITIES LLC
8434 RELIANCE TRUST COMPANY/ FIS TRUSTDESK
8445 DEALERWEB INC.
8447 JPMCB/DNT ASSET TRUST
8449 JPMCB/J.P. MORGAN SECURITIES CANADA INC.
8451 EUROCLEAR BANK SA/NV/IMS ACCOUNT
8455 BARCLAYS BANK PLC NEW YORK BRANCH/BARCLAYS BANK PLC-LNBR
8456 ICAP CORPORATES LLC/CROSSTRADE
8457 SAFRA SECURITIES LLC
8459 SG AMERICAS SECURITIES LLC/PARIS CLEARING
8460 PHILLIP CAPITAL INC.
8462 BNP PARIBAS NEW YORK BRANCH/BNP PARIBAS PROPRIETARY ASSETS
8471 BNYMELLON/RE CBD ICF BANK AG
8472 BNYMELLON/RE RBC BARBADOS
8474 BNYMELLON/RE RBC CAPITAL MARKETS LLC
8475 BNYMELLON/RE RBCEL FIXED INCOME
8476 BNYMELLON/RE BARCLAYS BANK PLC LONDON
8478 BNYMELLON/RE BBPLC CLIENT COLL SEC LNBR SEG
8479 BNYMELLON/RE RBCLB EQUITY FINANCE
8481 BNYMELLON/RE BARCLAYS OVERSIGHT MANAGEMENT INC
8482 BNYMELLON/RE RBCLB FIXED INCOME
8483 BNYMELLON/RE BGC FINANCIAL LP M/M
8485 DESERET TRUST COMPANY - A
8486 TEXAS TREASURY SAFEKEEPING TRUST COMPANY/NUP
8487 BNYMELLON/RE RBCEL EQUITY FINANCE
8488 BNYMELLON/RE COOPERATIEVE RABOBANK U.A.
8489 BNYMELLON/RE GCM CLIENT ACCOUNTS
8490 BNYMELLON/RE RBC BAHAMAS BRANCH
8491 BNYMELLON/RE DESHAW US BMCAE CUSTOM PORT L.L.C
8493 VISION FINANCIAL MARKETS LLC/SECURITIES LENDING
8497 JANE STREET CAPITAL, LLC

8500 SERIES

8513 STOCKCROSS FINANCIAL SERVICES, INC./#3

8600 SERIES

8699 GOLDMAN SACHS & CO. LLC/IMS

8800 SERIES

8846 FEDERAL HOME LOAN MORTGAGE CORPORATION/MULTIFAMILY
8857 COWEN EXECUTION SERVICES LLC/SUSQUEHANNA
8858 PRECISION SECURITIES, LLC
8860 BETHESDA SECURITIES, LLC
8861 JPMORGAN CHASE BANK/JP MORGAN PROPRIETARY ASSET ACCOUNT
8862 MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED/8862 MLPF&S TS SUB

8867 JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE
8869 JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE 2
8870 INTL FCSTONE FINANCIAL INC./STOCK LOAN
8871 JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE 3
8873 E D & F MAN CAPITAL MARKETS INC.
8875 MORGAN STANLEY SMITH BARNEY LLC/SL CONDUIT

9100 SERIES

9110 BNYMELLON/DEDICATED PARTICIPANT #80
9132 CLEAR STREET LLC
9180 GOLDMAN SACHS BANK USA/GS & CO. LLC FCM CUST OMNIBUS ACCT CFTC REG 1.20 CUST SEG ACCT UNDER
9186 B. RILEY FBR, INC

9400 SERIES

9487 U.S. BANK N.A./QUASAR DISTRIBUTORS, LLC DEALER CLEARING SERVICES