

DTC Participant Report (Alphabetical Sort)

Participant Account Name	No
ABN AMRO CLEARING USA LLC	0695
ABN AMRO SECURITIES (USA) LLC	0349
ABN AMRO SECURITIES (USA) LLC/A/C#2	7571
ALPACA SECURITIES LLC	3021
ALPINE SECURITIES CORPORATION	8072
ALTRUIST FINANCIAL LLC	3164
ALTRUIST FINANCIAL LLC/STOCK LOAN ACCOUNT	3577
AMALGAMATED BANK	2352
AMALGAMATED BANK OF CHICAGO	2567
AMERICAN ENTERPRISE INVESTMENT SERVICES INC.	0756
AMERICAN ENTERPRISE INVESTMENT SERVICES INC./CONDUIT	7260
APEX CLEARING CORPORATION	0158
APEX CLEARING CORPORATION/APEX CLEARING MATCHBOOK	4439
APEX CLEARING CORPORATION/APEX CLEARING STOCK LOAN	8308
ARCHIPELAGO SECURITIES, L.L.C.	0436
ARCOLA SECURITIES, INC.	0166
ASCENSUS TRUST COMPANY	2563
ASSOCIATED BANK, N.A.	2257
ASSOCIATED BANK, N.A./ASSOCIATED TRUST COMPANY/IPA	1620
AXOS CLEARING LLC	0052
AXOS CLEARING LLC/CORRESPONDENT FLIP FACILITATION ACCOUNT	1186
AXOS CLEARING LLC/AXOS ADVISOR SERVICES	5981
AXOS CLEARING LLC/STOCK LOAN	7576
B. RILEY SECURITIES, INC.	9186
BANK OF AMERICA, NATIONAL ASSOCIATION	2236
BANK OF AMERICA, NA/GWIM TRUST OPERATIONS	0955
BANK OF AMERICA/LASALLE BANK NA/IPA, DTC #1581	1581
BANK OF AMERICA NA/CLIENT ASSETS	2251
BANK OF CHINA, NEW YORK BRANCH	2555
BANK OF CHINA NEW YORK BRANCH/CLIENT CUSTODY	2656
BANK OF MONTREAL, CHICAGO BRANCH	2309
BANK OF MONTREAL, CHICAGO BRANCH/CM	3272
BANKERS' BANK	2557
BARCLAYS BANK PLC NEW YORK BRANCH	7263
BARCLAYS BANK PLC NEW YORK BRANCH/BARCLAYS BANK PLC-LNBR	8455
BARCLAYS CAPITAL INC.	5101
BARCLAYS CAPITAL INC./LE	0229
BARCLAYS CAPITAL INC./BARCLAYS BANK PLC, LONDON BRANCH	7254
BARCLAYS CAPITAL INC./BARCLAYS CAPITAL INC. FIXED INCOME	7256
BBVA SECURITIES INC.	2786
BBVA SECURITIES INC./BBVA SA NEW YORK BRANCH	3737
BETA CAPITAL SECURITIES LLC	4077

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BETHESDA SECURITIES, LLC	8860
BGC FINANCIAL, L.P.	0537
BGC FINANCIAL L.P./BGC BROKERS L.P.	5271
BMO CAPITAL MARKETS CORP.	0045
BMO CAPITAL MARKETS CORP./PALOMA	5221
BMOCM/BONDS	5257
BMO HARRIS BANK NA	2697
BMO HARRIS BANK NA/TRUST	0992
BMO HARRIS BANK NA/M&I BANK IPA	1530
BMO HARRIS BANK NA/IPA	1582
BMO HARRIS BANK NA/DEALER	2559
BMO HARRISBANK, N.A./BMO HARRIS INVESTMENT COMPANY	3727
BMO HARRIS BANK, N.A./CORPORATE TREASURY	3731
BNP PARIBAS SECURITIES CORP.	0630
BNP PARIBAS SECURITIES CORP./PRIME BROKERAGE	2154
BNP PARIBAS SECURITIES CORP./PRIME STOCK LENDING	2885
BNP PARIBAS SECURITIES CORP./PRIME ARBITRAGE SLAB	8238
BNP PARIBAS, NEW YORK BRANCH	1569
BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS LONDON ALM	1014
BNP PARIBAS, NEW YORK BRANCH/MERLION/CLIENT ASSETS	1405
BNP PARIBAS, NEW YORK BRANCH/IPA	1601
BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS PRIME BROKERAGE	2147
CUSTODIAN	
BNP PARIBAS, NEW YORK BRANCH/BNPP SA	2322
BNP PARIBAS, NEW YORK BRANCH/CUSTODY/CLIENT ASSETS	2787
BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS PRIME BROKERAGE	2884
INTERNATIONAL	
BNP PARIBAS NEW YORK BRANCH /BNP PARIBAS SA (METLIFE)	4252
BNP PARIBAS NY BRANCH LONDON BONDS	5153
BNP PARIBAS NY BRANCH/PARIS BONDS	7382
BNP PARIBAS NEW YORK BRANCH/USAL	8183
BNP PARIBAS NEW YORK BRANCH/BNP PARIBAS PROPRIETARY ASSETS	8462
BNY MELLON CAPITAL MARKETS, LLC	2523
BOFA SECURITIES, INC.	0161
BOFA SECURITIES INC./BOFAS PRIME BROKER	0551
BOFA SECURITIES, INC. / FIXED INCOME	0773
BOFA SECURITIES, INC. /SECURITIES LENDING	5143
BOFA SECURITIES, INC. /FOREIGN SECURITIES LENDING	5176
BOFA SECURITIES, INC. /SAFEKEEPING	5198
BOFA SECURITIES, INC. /STOCK LOAN HEDGE ACCOUNT	7560
BOKF, NATIONAL ASSOCIATION	3975
BROWN BROTHERS HARRIMAN & CO.	0010
BROWN BROTHERS HARRIMAN & CO./ETF	0109

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BROWN BROTHERS HARRIMAN & CO. /SECURITIES LENDING SPO ACCOUNT II	4048
SECURITIES LENDING SPO ACCOUNT/BBH	5288
BUCKLER SECURITIES LLC	3961
CAJA DE VALORES S.A.	5610
CALDWELL TRUST COMPANY	2687
CANTOR FITZGERALD & CO.	0696
CANTOR FITZGERALD & CO. / CANTOR CLEARING SERVICES	0197
CANTOR FITZGERALD & CO./CANTOR FITZGERALD RC	3259
CANTOR FITZGERALD/STOCK LOAN	5253
CANTOR FITZGERALD & CO./DEBT CAPITAL MARKETS	7311
CDS CLEARING AND DEPOSITORY SERVICES INC.	4800
THE BANK OF NOVA SCOTIA/BNS PRIME GLOSS/CDS	4700
BMO NESBITT BURNS INC./BMO NB EQUITY FINANCE BMO UK BRANCH/CDS	4706
ROYAL BANK OF CANADA-ROYAL TRUST/CDS**	4707
BMO NESBITT BURNS INC./BMO TRUST COMPANY/CDS**	4712
TORONTO-DOMINION BANK (THE)/TDGF MARGIN ACCOUNT/CDS	4714
BANK OF NOVA SCOTIA/SCOTIABANK IRELAND DAC/CDS	4715
TORONTO-DOMINION BANK (THE)/TD GLOBAL FINANCE UNLIMITED COMPANY/CDS	4717
THE BANK OF NOVA SCOTIA/PRINCIPAL EQUITIES/CDS**	4794
THE BANK OF NOVA SCOTIA/SUB FIXED INCOME/IMPACT/CDS**	4795
BMO NESBITT BURNS/INSTITUTIONAL CDS**	4797
RBC DOMINION SECURITIES INC./CDS**	4801
BANK OF NOVA SCOTIA/BNS LONDON/CDS**	4802
TORONTO-DOMINION BANK (THE)/CDS	4805
J.P. MORGAN SECURITIES CANADA INC. **	4808
BMO NESBITT BURNS INC./BMO NB EQUITY FINANCE CMLUK/CDS**	4809
THE BANK OF NOVA SCOTIA/BNS TOR PRINCIPAL GLOSS/CDS	4810
THE BANK OF NOVA SCOTIA/CDS**	4812
THE BANK OF NOVA SCOTIA/ SCE LTD./CDS**	4814
THE BANK OF NOVA SCOTIA/CLIENT A	4816
BANK OF MONTREAL/ CHICAGO/CDS**	4817
FIDUCIE DESJARDINS INC.**	4818
BANK OF MONTREAL/ IRELAND/CDS**	4819
BANK OF MONTREAL/ LONDON/CDS**	4822
THE BANK OF NOVA SCOTIA/CLIENT B/CDS**	4838
BANK OF MONTREAL/US TRANSIT/CDS	4845
BANK OF MONTREAL**	4855
BMO NESBITT BURNS INC./BMO NB EQUITY FINANCE BMIRE/CDS**	4947
LAURENTIAN BANK SECURITIES INC. /CDS	5001
RBC DOMINION SECURITIES INC./CDS**	5002

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SOCIETE GENERALE CAPITAL CANADA INC./CDS**	5003
WEALTHSIMPLE INVESTMENTS INC./CDS	5004
NATIONAL BANK FINANCIAL INC./CDS**	5008
SCOTIA CAPITAL INC./CDS**	5011
EDWARD JONES/CDS**	5012
CALDWELL SECURITIES LTD./CDS**	5013
PETERS & CO. LIMITED/CDS**	5014
UBS SECURITIES CANADA INC./CDS**	5017
CREDIT SUISSE SECURITIES CANADA INC./CDS**	5019
PICTET CANADA L.P./CDS**	5027
DESJARDINS SECURITIES INC./CDS**	5028
MACKIE RESEARCH CAPITAL CORPORATION/CDS**	5029
CIBC WORLD MARKETS INC./CDS**	5030
NATIONAL BANK FINANCIAL INC. #2/CDS**	5032
TD WATERHOUSE CANADA INC./CDS**	5036
FIDELITY CLEARING CANADA ULC/CDS**	5040
BMO NESBITT BURNS INC./CDS**	5043
ROYAL BANK OF CANADA-ROYAL TRUST 1/CDS**	5044
CANACCORD GENUITY CORP./CDS**	5046
MANULIFE SECURITIES INCORPORATED/CDS**	5047
HAYWOOD SECURITIES INC./CDS**	5058
CDS CLEARING AND DEPOSITORY SERVICES INC./CDS DEFAULT MANAGEMENT	5068
LEEDE JONES GABLE INC./CDS**	5071
ODLUM BROWN LIMITED/CDS**	5074
PI FINANCIAL CORP./CDS**	5075
RAYMOND JAMES LTD./CDS**	5076
W.D. LATIMER CO LTD./CDS**	5078
CREDENTIAL SECURITIES INC./CDS**	5083
QUESTRADE INC./CDS**	5084
CI INVESTMENT SERVICES INC./CDS	5085
CDS CLEARING AND DEPOSITORY SERVICES INC.**	5099
CENTRAL TRUST BANK (THE)	2880
CETERA INVESTMENT SERVICES LLC	0701
CF SECURED, LLC	0794
CHARLES SCHWAB & CO., INC.	0164
CHARLES SCHWAB & CO., INC. STOCK LOAN CONDUIT ACCOUNT	7322
CHARLES SCHWAB & CO., INC./SCHWAB GLOBAL INVESTING ACCOUNT	7587
CHARLES SCHWAB TRUST BANK	2993
CIBC WORLD MARKETS CORP.	0438
CIBC WORLD MARKETS CORP./CIBC WORLD MARKETS CORP. REPO	7295
CITADEL CLEARING LLC	0395
CITADEL SECURITIES LLC	8430

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CITIBANK, N.A.	0908
CITIBANK, N.A. - DEALER	0950
ADR-CITI	0953
CITIBANK/CP/IPA	1501
CITIBANK/THE CITIGROUP PRIVATE BANK/TRUST	2032
CITIBANK, N.A./ETF	2333
CITIBANK, N.A./CORPORATE AGENCY & TRUST	2426
CITIBANK NA/DEALER SAFEKEEPING	2562
CITIBANK, N.A./SEGREGATED LENDING	2658
CITIBANK, N.A. BOOK-ENTRY-ONLY MEDIUM TERM NOTE ACCOUNT	2790
CITIBANK N.A. LONDON/MTN	2952
CITIBANK, N.A./S.D. INDEVAL INSTITUCION PARA EL DEPOSITO DE VALORES,	3926
CITIBANK, N.A./BLACKROCK ETF	3974
CITIBANK, N.A./PUERTO RICO IBE	4027
CITIBANK, N.A./CITIBANK MARGIN LOANS	4327
CITIBANK N.A./PROPRIETARY ASSETS	8164
CITICORP SECURITIES SERVICES, INC.	0563
CITIGROUP GLOBAL MARKETS INC.	0505
CITIGROUP GLOBAL MARKETS INC./SALOMON BROTHERS	0274
CITIGROUP GLOBAL MARKETS INC./CORRESPONDENT CLEARING	0418
CITIGROUP GLOBAL MARKETS INC./SALOMON BROTHERS/A.M.M.	5215
CLEAR STREET LLC	9132
CLEAR STREET LLC/SECURITIES LENDING	4231
CLEAR STREET LLC/SECURITIES FINANCE ACCOUNT	8858
CLEARSTREAM BANKING AG	2000
COMERICA BANK	2108
COMMERCE BANK	2170
COMMERZ MARKETS LLC	0126
COMMERZ MARKETS LLC/FIXED INC. REPO & COMM. PAPER	0033
COMPUTERSHARE TRUST COMPANY, N.A.	2415
COMPUTERSHARE TRUST COMPANY, N.A./OPTIONS	2330
COMPUTERSHARE TRUST COMPANY, N.A./DRP	2586
COWEN AND COMPANY LLC	0100
COWEN AND COMPANY LLC/FULLY PAID FOR LENDING	0933
COWEN AND COMPANY LLC/STOCK LOAN CONDUIT	8185
COWEN AND COMPANY LLC/SUSQUEHANNA	8857
CREDIT AGRICOLE CORPORATE AND INVESTMENT BANK	4024
CREDIT AGRICOLE SECURITIES (USA) INC	0651
CREDIT AGRICOLE SECURITIES (USA) INC/F/B/O CREDIT AGRICOLE NY BRANCH	7372
CREDIT AGRICOLE SECURITIES (USA) INC/STOCK LOAN CONDUIT	7540
CREDIT SUISSE AG - NEW YORK BRANCH	1587

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CREDIT SUISSE AG-NEW YORK BRANCH/DTC I.D. CONFIRMATION	1006
CREDIT SUISSE SECURITIES (USA) LLC	0355
CREDIT SUISSE SECURITIES (USA) LLC/INVESTMENT ACCOUNT	0135
CREST INTERNATIONAL NOMINEES LIMITED	2012
CURVATURE SECURITIES, LLC	3450
CURVATURE SECURITIES, LLC/EQUITY FINANCE	3598
D. A. DAVIDSON & CO.	0361
DAIWA CAPITAL MARKETS AMERICA INC.	0647
DAIWA CAPITAL MARKETS AMERICA INC./DASAC	7561
DASH FINANCIAL TECHNOLOGIES LLC	0627
DEALERWEB INC.	8445
DEPOSITO CENTRAL DE VALORES S.A., DEPOSITO DE VALORES	2735
DEPOSITO CENTRAL DE VALORES S.A., DEPOSITO DE VALORES/BVE	4180
DESERET TRUST COMPANY	0958
DESERET TRUST COMPANY - D	2118
DESERET TRUST COMPANY - I	2497
DESERET TRUST COMPANY - A	8485
DEUTSCHE BANK AG, NEW YORK BRANCH	2481
DEUTSCHE BANK AG NY/US CUSTODY	2690
DEUTSCHE BANK AG, NEW YORK BRANCH/CC O CLT TRI PARTY	2863
DEUTSCHE BANK SECURITIES INC.	0573
DEUTSCHE BANK SECURITIES INC.- STOCK LOAN	0032
DEUTSCHE BANK SECURITIES INC.-INTERNATIONAL STOCK LOAN	5162
DEUTSCHE BANK SECURITIES INC.-FIXED INCOME STOCK LOAN	5225
DEUTSCHE BANK TRUST COMPANY AMERICAS	1503
DBTC AMERICAS/CTAG/PUTS & DEMANDS	2041
DBTC AMERICAS/CTAG-GES	2655
DBTC AMERICAS/CTAG-CDFP	2808
DRIVEWEALTH, LLC	2402
DRIVEWEALTH, LLC/SECURITIES LENDING	3276
DRIVEWEALTH, LLC/FPL	3360
E*TRADE SECURITIES LLC	0385
E*TRADE SECURITIES LLC/ETS SECURITIES LENDING	1051
EDWARD D. JONES & CO.	0057
EMBED CLEARING LLC	1963
EUROCLEAR BANK SA/NV	1970
EUROCLEAR BANK SA/NV/IMS ACCOUNT	8451
FANNIE MAE	2306
FEDERAL HOME LOAN MORTGAGE CORPORATION	2391
FEDERAL HOME LOAN MORTGAGE CORPORATION/RETAINED	2068
FEDERAL HOME LOAN MORTGAGE CORPORATION/MULTIFAMILY	8846
FEDERAL RESERVE BANK OF NEW YORK	3000
FHN FINANCIAL SECURITIES CORP.	0202

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FIDUCIARY TRUST COMPANY	2126
FIFTH THIRD BANK, NATIONAL ASSOCIATION	2116
FIFTH THIRD BANK, NATIONAL ASSOCIATION/STATE TEACHERS RETIREMENT OF	2416
FIFTH THIRD BANK, NA/FBO SCHOOL EMPLOYEE RETIREMENT SYSTEM OF OHIO	2898
FIFTH THIRD BANK, NATIONAL ASSOCIATION/PUBLIC EMPLOYEES RETIREMENT	2975
FIFTH THIRD BANK, NATIONAL ASSOCIATION/STAR OHIO	3023
FIRST HORIZON BANK	2445
FIRST TRUST PORTFOLIOS, L.P.	8244
FMSBONDS, INC.	5217
FOLIO INVESTMENTS, INC.	0728
FROST BANK	2053
FUTU CLEARING INC.	4272
FUTU CLEARING INC./FUTC CONDUIT	2986
GLENMEDE TRUST COMPANY, N.A. (THE)	2139
GOLDMAN SACHS & CO. LLC	0005
GOLDMAN SACHS & CO. LLC/CME HOUSE COLLATERAL ACCT	4404
GOLDMAN SACHS & CO. LLC/IMS	8699
GOLDMAN SACHS BANK USA	2941
GOLDMAN SACHS BANK USA/GOLDMAN SACHS AGENCY LENDING	2660
GOLDMAN SACHS BANK USA/GS & CO. LLC FCM CLEARED SWAPS CUST OMNIBUS	3944
GOLDMAN SACHS BANK USA/ #2	8197
GOLDMAN SACHS BANK USA/GS & CO. LLC FCM CUST OMNIBUS ACCT CFTC REG	9180
GOLDMAN SACHS INTERNATIONAL	5208
GOLDMAN SACHS INTERNATIONAL/REHYP SEPARATION ACCOUNT	2924
GOLDMAN SACHS INTERNATIONAL/GOLDMAN SACHS BANK EUROPE SE	4056
GREEN PIER FINTECH LLC	3018
GUGGENHEIM FUNDS DISTRIBUTORS, LLC	0526
GUGGENHEIM SECURITIES, LLC	0181
HILLTOP SECURITIES INC.	0279
HILLTOP SECURITIES INC./STOCK LOAN	5128
HOLD BROTHERS CAPITAL LLC	0430
HOME FEDERAL BANK OF TENNESSEE, F.S.B.	2425
HOME FEDERAL BANK/HOME FINANCIAL SERVICES, INC.	2447
HOME FEDERAL BANK/HF PORTFOLIO	2533
HOME FEDERAL BANK OF TENNESSEE, FSB/TRUST DEPARTMENT CUSTOMERS	2534
HONG KONG SECURITIES CLEARING COMPANY LIMITED	2338
HRT FINANCIAL LP	0369

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HSBC BANK USA, NATIONAL ASSOCIATION	2165
HSBC BANK USA, NATIONAL ASSOCIATION/IPA	1544
HSBC BANK USA, NATIONAL ASSOCIATION/OMNIBUS	2393
HSBC BANK USA, N.A./CORPORATE TRUST IPA	2894
HSBC BANK USA, NA/CLEARING	8396
HSBC BANK USA, NA/HTM	8402
HSBC BANK USA, NA/AFS	8404
HSBC SECURITIES (USA) INC.	0816
HSBC SECURITIES (USA) INC. (FIXED INCOME)	0486
ICE SECURITIES EXECUTION & CLEARING, LLC	4264
INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES, LLC	0824
INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES, LLC/	0388
INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES LLC/	2667
INDUSTRIAL AND COMMERCIAL BANK OF CHINA FINANCIAL SERVICES LLC/	7583
ING FINANCIAL MARKETS LLC	0270
ING FINANCIAL MARKETS LLC/INTERNATIONAL	5104
ING FINANCIAL MARKETS LLC/LTD.	5262
ING FINANCIAL MARKETS LLC/INTERNATIONAL EQUITY FINANCE	5268
ING FINANCIAL MARKETS LLC/INTERNATIONAL EQUITY FINANCE MATCH BOOK	7273
ING FINANCIAL MARKETS LLC/GLOBAL SECURITIES FINANCE NON-PURPOSE	7595
INGALLS & SNYDER, LLC	0124
INSTINET, LLC	0067
INSTINET, LLC/STOCK LOAN	7276
INTERACTIVE BROKERS LLC	0017
INTERACTIVE BROKERS LLC/RETAIL	0534
INTESA SANPAOLO IMI SECURITIES CORP.	0136
INVESCO CAPITAL MARKETS, INC.	0692
ITAU BBA USA SECURITIES, INC.	8113
J.P. MORGAN SECURITIES LLC	0187
J.P. MORGAN SECURITIES LLC/JPMC	0352
J.P. MORGAN SECURITIES LLC/JP MORGAN MARKETS LIMITED	3025
J.P. MORGAN SECURITIES LLC/JPMC LENDING	5213
JANE STREET CAPITAL, LLC	8497
JANE STREET EXECUTION SERVICES, LLC	3492
JANNEY MONTGOMERY SCOTT LLC	0374
JANNEY MONTGOMERY SCOTT LLC/STOCK LOAN	7320
JAPAN SECURITIES DEPOSITORY CENTER, INC.	5600
JEFFERIES LLC	0019

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JEFFERIES LLC/JEFFERIES EXECUTION SERVICES, INC./SERVICE BUREAU	0536
JEFFERIES LLC/AS AGENT FOR JEFFERIES INTERNATIONAL LONDON	7441
JEFFERIES LLC/SECURITIES FINANCE	7565
JPMORGAN CHASE BANK, NATIONAL ASSOCIATION	0902
JPMORGAN CHASE BANK - ADR	0923
JPMORGAN CHASE BANK/CHEMICAL/COMMERCIAL PAPER/IPA	1506
JP MORGAN CHASE/JP MORGAN INTERNATIONAL	2035
JPMORGAN CHASE BANK/CORRESPONDENCE CLEARING SERVICES 2	2164
JPMORGAN CHASE BANK NA/DBTC AMERICAS/DEUTSCHE BANK AG (LONDON BRANCH)	2312
JPMORGAN CHASE BANK NA/DBTC AMERICAS/DB UK BANK LIMITED	2314
JPMORGAN CHASE-ADR MAX	2334
JPMORGAN CHASE BANK/IA	2357
JPMORGAN CHASE BANK/JPMORGAN PPB	2379
JPMORGAN CHASE BANK, N.A./CUSTODIAL TRUST COMPANY	2424
JPMORGAN CHASE BANK/VANGUARD LOANET	2433
JPMORGAN CHASE BANK/GNPH MIDDLE MARKET	2434
JPMORGAN CHASE BANK/PRUDENTIAL	2517
JPMORGAN CHASE BANK/TREASURER OF STATE OF OHIO BWC	2609
JPMORGAN CHASE/US EQ TRP	2612
JPMORGAN CHASE BANK,N.A./JPMORGAN CHASE FUNDING INC.	2668
JPMORGAN CHASE BANK/MUNICIPAL DEALER	2773
JPMORGAN CHASE BANK, N.A./ABCP CONDUITS	2845
JPMORGAN CHASE-FIMAT CU	2945
JPMORGAN CHASE BANK/MET LIFE LOANET	2973
J.P. MORGAN CHASE BANK NA/FBO BLACKROCK CTF	3622
JPMORGAN CHASE BANK, NATIONAL ASSOCIATION/INTERMEDIARY HOLDING COMPANY	3884
JPMORGAN CHASE BANK, NATIONAL ASSOCIATION/FBO TEMASEK INTERNATIONAL	3915
JPMORGAN CHASE BANK, N.A./JPMORGAN CHASE HOLDINGS LLC	4101
JPMORGAN CHASE BANK, N.A./CHIEF INVESTMENT OFFICE 4	4102
JPMORGAN CHASE BANK/OHIO POLICE AND FIRE PENSION FUND	8112
JPMORGAN CHASE BANK, NATIONAL ASSOCIATION/PUBLIC EMPLOYEE RETIREMENT	8187
JPMCB/DNT ASSET TRUST	8447
JPMORGAN CHASE BANK/JP MORGAN PROPRIETARY ASSET ACCOUNT	8861
JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE	8867
JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE 2	8869
JPMORGAN CHASE BANK/CHIEF INVESTMENT OFFICE 3	8871
JUMP TRADING LLC	2793
KEYBANK NATIONAL ASSOCIATION	2205
KEYBANK SAFEKEEPING	0557
KEYBANK NA/FBO TREASURER OF STATE OF OHIO	2769

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KOONCE SECURITIES LLC	0712
LAKESIDE BANK	2545
LPL FINANCIAL LLC	0075
MACQUARIE CAPITAL (USA) INC.	0114
MANUFACTURERS AND TRADERS TRUST COMPANY	0990
MANUFACTURERS AND TRADERS TRUST COMPANY/COMMERCIAL LOANS	1121
MANUFACTURERS AND TRADERS TRUST CO/WILMINGTON TRUST/IPA	1507
MANUFACTURERS AND TRADERS TRUST COMPANY/IPA	1545
MANUFACTURERS AND TRADERS TRUST COMPANY/BANK PORTFOLIO	2382
MAREX CAPITAL MARKETS INC.	8873
MAREX CAPITAL MARKETS INC. / SECURITIES LENDING	3932
MARKETAXESS CAPITAL LIMITED	4302
MARKETAXESS CORPORATION	4265
MATRIX TRUST COMPANY	5954
MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED	0671
MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED/STOCK LOAN	6582
MERRILL LYNCH PIERCE FENNER & SMITH INC.-MLIM GLOBAL SECURITIES	7305
MERRILL LYNCH, PIERCE, FENNER & SMITH INCORPORATED/8862 MLPF&S TS SUB	8862
MID ATLANTIC TRUST COMPANY	8150
MIRAE ASSET SECURITIES (USA), INC.	1043
MIRAE ASSET SECURITIES (USA) INC./STOCK LOAN CONDUIT ACCOUNT	1385
MITSUBISHI UFJ TRUST & BANKING CORPORATION, NEW YORK BRANCH	2932
MITSUBISHI UFJ TRUST AND BANKING CORPORATION, NEW YORK BRANCH/ BRANCH/AFFILIATE	1982
MITSUBISHI UFJ TRUST & BANKING CORPORATION, NEW YORK BRANCH/STOCK LOAN	2037
MIZUHO BANK (USA)	2570
MIZUHO BANK (USA)/SECURITY LENDING	2888
MIZUHO BANK, LTD. NEW YORK BRANCH	2492
MIZUHO BANK LTD. NEW YORK BRANCH/IPA	2539
MIZUHO SECURITIES USA LLC	1577
MIZUHO SECURITIES USA LLC/SECURITIES FINANCE	0892
MIZUHO SECURITIES USA LLC/FIXED INCOME	2161
MIZUHO SECURITIES USA LLC/MIZUHO MARKETS CAYMAN	2396
MIZUHO SECURITIES USA LLC/MIZUHO MUNICIPAL HOLDINGS, LLC	3670
MIZUHO SECURITIES USA LLC/MIZUHO MARKETS AMERICA	4467
MIZUHO SECURITIES USA LLC/MIZUHO CAPITAL MARKETS LLC	5903
MONTE TITOLI - S.P.A.	7380
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MORGAN STANLEY & CO. INTERNATIONAL PLC	7309
MORGAN STANLEY & CO. INTERNATIONAL PLC/MORGAN STANLEY BANK A.G.	3935
MORGAN STANLEY & CO. INTERNATIONAL PLC/MSIP DTC OTC MARGIN RE-HYPE	4352
MORGAN STANLEY & CO. INTERNATIONAL PLC/MSIP DTC OTC MARGIN NON RE-HYPE	4353
MORGAN STANLEY & CO. LLC	0050
MORGAN STANLEY & CO. LLC/ SL CONDUIT	0101
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U.S. BANCORP INVESTMENTS, INC.	0280
U.S. BANK N.A.	2803
U.S. BANK N.A./CP	1510
U.S. BANK N.A./SAFEKEEPING WEST	2234
U.S. BANK N.A./ETF	2580
U.S. BANK, N.A./U.S. BANK MUNICIPAL SECURITIES GROUP	2781
U.S. BANK N.A./THIRD PARTY LENDING	2837
U.S. BANK N.A./TRUST NY MTN	2897
U.S. BANK N.A./WMIS	3438
UBS AG, STAMFORD BRANCH	0979
UBS AG, STAMFORD BRANCH/IPA ACCOUNT	1540
UBS AG, STAMFORD BRANCH/AC PB CLIENTS-NO UBS LIEN	2003
UBS AG STAMFORD BRANCH/AS CUSTODIAN FOR UBS AG LONDON BRANCH	2507
UBS FINANCIAL SERVICES INC.	0221
UBS FINANCIAL SERVICES INC./GOVERNMENT SECURITIES ACCOUNT #2	5170
UBS SECURITIES LLC	0642
UBS SECURITIES LLC/CMO	0652
UBS SECURITIES LLC/SECURITIES LENDING	5284
UMB BANK, NATIONAL ASSOCIATION	2450
UMB BANK, INVESTMENT DIVISION	2451
UNION BANK & TRUST COMPANY	2067
VANGUARD MARKETING CORPORATION	0062
VANGUARD MARKETING CORPORATION/FPL	1206
VELOCITY CAPITAL LLC	6019
VELOCITY CAPITAL LLC/PROPRIETARY ACCOUNT	4424
VELOCITY CLEARING, LLC	0294
VELOCITY CLEARING, LLC/STOCK LOAN	7359
VELOX CLEARING LLC	3856
VELOX CLEARING LLC/SECURITIES LENDING	1605
VIRTU AMERICAS LLC	0295
VIRTU AMERICAS LLC/VIRTU FINANCIAL BD LLC	0063
VISION FINANCIAL MARKETS LLC	0595
VISION FINANCIAL MARKETS LLC/SECURITIES LENDING	8493
WACHTEL & CO., INC.	0709
WEDBUSH SECURITIES INC.	0103
WEDBUSH SECURITIES INC./STOCK LOAN	5166
WEDBUSH SECURITIES INC./P3	8199
WEDBUSH SECURITIES INC. / P3 STOCK LOAN	8237
WELLS FARGO BANK, NATIONAL ASSOCIATION	2027
WELLS FARGO BANK, N.A. ISSUING/PAYING AGENT	1538
WELLS FARGO BANK, N.A./LENDING	2040

DTC Participant Report (Alphabetical Sort)

WELLS FARGO BANK, N.A./SIG	2072
WELLS FARGO CLEARING SERVICES LLC	0141
WELLS FARGO CLEARING SERVICES LLC/SECURITIES LENDING MATCH BOOK	5237
WELLS FARGO CLEARING SERVICES LLC/SUB ACCOUNT WFA REPO	7360
WELLS FARGO SECURITIES, LLC	0250
WELLS FARGO SECURITIES, LLC/SECURITIES FINANCE	2480
WELLS FARGO SECURITIES, LLC/SIG WELLS FARGO SECURITIES INT'L, LTD	5199
WESBANCO BANK, INC.	2271
WILLIAM BLAIR & COMPANY, L.L.C.	0771
WILSON-DAVIS & CO., INC.	0283
WOLVERINE EXECUTION SERVICES, LLC	7350
ZIONS BANCORPORATION, NATIONAL ASSOCIATION	2104
ZIONS BANCORPORATION, NATIONAL ASSOCIATION/CT ISSUE & PAY A/C/IPA	1586
ZIONS BANCORPORATION, N.A./TRUST	2736
ZIONS BANCORPORATION, NATIONAL ASSOCIATION/PORTFOLIO	8233
ZIONS DIRECT, INC.	0065
ZIV INVESTMENT CO.	8082