

DTC Participant Report (Alphabetical Sort)

Participant Account Name	No
ABN AMRO CLEARING CHICAGO LLC	0695
ABN AMRO SECURITIES (USA) LLC	0349
ABN AMRO SECURITIES (USA) LLC/A/C#2	7571
ABN AMRO SECURITIES (USA) LLC/REPO	7590
ABN AMRO SECURITIES (USA) LLC/ABN AMRO BANK NV REPO	7591
ALPINE SECURITIES CORPORATION	8072
AMALGAMATED BANK	2352
AMALGAMATED BANK OF CHICAGO	2567
AMERICAN ENTERPRISE INVESTMENT SERVICES INC.	0756
AMERICAN ENTERPRISE INVESTMENT SERVICES INC./CONDUIT	7260
AMHERST PIERPONT SECURITIES LLC	0413
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 NA/FBO TEMASEK	1367
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
BETA CAPITAL SECURITIES LLC	4077
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
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 CUSTODIAN	2147
BNP PARIBAS, NEW YORK BRANCH/BNPP SA	2322
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BNP PARIBAS, NEW YORK BRANCH/BNP PARIBAS PRIME BROKERAGE INTERNATIONAL	2884
BNP PARIBAS NEW YORK BRANCH /BNP PARIBAS SA (METLIFE)	4252
BNP PARIBAS, NEW YORK BRANCH/MARKETAXESS/CLIENT ASSETS	4302
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. / 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
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BROWN BROTHERS HARRIMAN & CO./ETF	0109
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
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CANTOR FITZGERALD & CO.	0696
CANTOR FITZGERALD & CO. / CANTOR CLEARING SERVICES	0197
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
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BMO NESBITT BURNS INC./BMO NB EQUITY FINANCE BMIRE/CDS**	4947
LAURENTIAN BANK SECURITIES INC. /CDS	5001
RBC DOMINION SECURITIES INC./CDS**	5002
SOCIETE GENERALE CAPITAL CANADA INC./CDS**	5003
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PETERS & CO. LIMITED/CDS**	5014
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PICTET CANADA L.P./CDS**	5027
DESJARDINS SECURITIES INC./CDS**	5028
MACKIE RESEARCH CAPITAL CORPORATION/CDS**	5029
CIBC WORLD MARKETS INC./CDS**	5030
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MANULIFE SECURITIES INCORPORATED/CDS**	5047
HAYWOOD SECURITIES INC./CDS**	5058
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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
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CF SECURED, LLC	0794
CHARLES SCHWAB & CO., INC.	0164
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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
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CITADEL SECURITIES LLC	8430

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CITIBANK, N.A./CORPORATE AGENCY & TRUST	2426
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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./PROJECT BLUE	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
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CITIGROUP GLOBAL MARKETS INC./SALOMON BROTHERS/A.M.M.	5215
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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 SECURITIES (USA) LLC	0355
CREDIT SUISSE SECURITIES (USA) LLC/INVESTMENT ACCOUNT	0135
CREST INTERNATIONAL NOMINEES LIMITED	2012
CREWS & ASSOCIATES, INC.	5158
CURVATURE SECURITIES, LLC	3598
D. A. DAVIDSON & CO.	0361
DAIWA CAPITAL MARKETS AMERICA INC.	0647
DAIWA CAPITAL MARKETS AMERICA INC./DASAC	7561
DASH FINANCIAL TECHNOLOGIES LLC	0627
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DEALERWEB INC.	8445
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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
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DEUTSCHE BANK SECURITIES INC.-INTERNATIONAL STOCK LOAN	5162
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E D & F MAN CAPITAL MARKETS INC.	8873
E D & F MAN CAPITAL MARKETS INC. /SECURITIES LENDING	3932
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E*TRADE SECURITIES LLC/ETS SECURITIES LENDING	1051
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ELECTRONIC TRANSACTION CLEARING, INC.	0873
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EMBED CLEARING LLC	1963
EUROCLEAR BANK SA/NV	1970
EUROCLEAR BANK SA/NV/IMS ACCOUNT	8451
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FHN FINANCIAL SECURITIES CORP.	0202
FIDUCIARY TRUST COMPANY	2126
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FIFTH THIRD BANK, NATIONAL ASSOCIATION/STATE TEACHERS RETIREMENT OF	2416
FIFTH THIRD BANK, NA/FBO SCHOOL EMPLOYEE RETIREMENT SYSTEM OF OHIO	2898
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JPMORGAN CHASE BANK/CHEMICAL/COMMERCIAL PAPER/IPA	1506
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KEYBANK SAFEKEEPING	0557
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MANUFACTURERS AND TRADERS TRUST COMPANY/IPA	1545
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MITSUBISHI UFJ TRUST & BANKING CORPORATION, NEW YORK BRANCH/STOCK LOAN	2570
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MORGAN STANLEY & CO. LLC/OTC DERIVATIVE MARGIN COLLATERAL	1821
MORGAN STANLEY & CO. LLC/II	5127
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BNYMELLON/RE BGC BROKERS LP	2002
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TRADESTATION SECURITIES, INC./TRADESTATION SECURITIES, INC.	8035
TRADEUP SECURITIES, INC.	0287
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U.S. BANK N.A./CP	1510
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UBS SECURITIES LLC/CMO	0652
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VELOCITY CLEARING, LLC/STOCK LOAN	7359
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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
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