
List of Brokers and Dealers with No Outstanding Past-Due Share of the Broker-Dealer Accounting Support Fee

Determination of Payment under PCAOB Rule 7104(b)

As of November 15, 2022

The following is a list of brokers and dealers that have been assessed and have no outstanding past-due share of the broker-dealer accounting support fee of the Public Company Accounting Oversight Board ("PCAOB"), as of November 15, 2022.^{1/}

A registered public accounting firm may take the inclusion of a broker or dealer on this list as an indication that the broker or dealer has no outstanding past-due share of the broker-dealer accounting support fee for purposes of PCAOB Rule 7104(b).

This list will be updated at least bi-weekly. If a registered public accounting firm cannot obtain a representation from the broker or dealer or cannot determine by reviewing the list below whether the broker or dealer has no past-due share of the accounting support fee outstanding, the registered public accounting firm may contact the staff by phone at 1-202-207-9294 (Business Days: 9:00 a.m. to 5:00 p.m. ET) or by email at confirm@pcaobus.org.

If you believe a broker or dealer has been excluded from this list in error, please contact the staff by phone at 1-202-207-9294 (Business Days: 9:00 a.m. to 5:00 p.m. ET) or by email at confirm@pcaobus.org.

Additional information about the broker-dealer accounting support fee and the funding process is available in the Frequently Asked Questions ("FAQs") available in the Accounting Support Fee section of the PCAOB's Web site (<http://pcaobus.org/About/Administration/SupportFee/Pages/BDSupportFeeFAQ.aspx>).

^{1/} Just because a broker or dealer does not appear on this list does not mean that the broker or dealer has outstanding a past-due share of the broker-dealer accounting support fee. Many "brokers" or "dealers," as such terms are defined in the Sarbanes-Oxley Act and the Board's rules, are not allocated a share of the broker-dealer accounting support fee under the Board's funding rules and therefore are not on this list even though they have outstanding no past-due share of the accounting support fee. In addition, payments are received periodically by the PCAOB and are not reflected on this list until it is next updated. For more information regarding the determination of payment of accounting support fees by registered accounting firms, please see rule 7104(b).

Public Company Accounting Oversight Board
 Brokers and Dealers With No Outstanding
 Past-Due Share as of November 15, 2022

	* * *	
280 SECURITIES LLC	ALVAREZ & MARSAL	ARCOLA SECURITIES, INC.
303 EQUITY TRADING GROUP	SECURITIES, LLC	ARDEA PARTNERS LP
II, LLC	AMERANT INVESTMENTS,	ARIEL DISTRIBUTORS, LLC
A. R. SCHMEIDLER & CO.,	INC.	ARVEST INVESTMENTS, INC.
INC.	AMERICA'S GROWTH	ARXIS SECURITIES LLC
A.B. FINANCIAL L.L.C.	CAPITAL, LLC	ASCENSUS BROKER DEALER
A.G.P. / ALLIANCE GLOBAL	AMERICAN CENTURY	SERVICES, INC.
PARTNERS CORP.	INVESTMENT SERVICES, INC.	ASHMORE INVESTMENT
AARDVARK SECURITIES LLC	AMERICAN ENTERPRISE	MANAGEMENT (US)
ABBEY NATIONAL SECURITIES	INVESTMENT SERVICES INC.	CORPORATION
INC.	AMERICAN PORTFOLIOS	ASL CAPITAL MARKETS INC.
ABEL NOSER, LLC.	FINANCIAL SERVICES, INC.	ASPEN TRADING, L.L.C
ABEL/NOSER CORP.	AMERIPRISE FINANCIAL	ASSOCIATED OPTIONS, INC.
ABG SUNDAL COLLIER INC.	SERVICES, LLC	ATHENE SECURITIES, LLC
ABN AMRO CLEARING	AMERIVET SECURITIES, INC.	ATLANTIC - PACIFIC CAPITAL,
CHICAGO LLC	AMHERST PIERPONT	INC.
ACCESS SECURITIES, LLC	SECURITIES LLC	ATLAS ONE FINANCIAL
ADP BROKER-DEALER, INC.	AMHERST SECURITIES	GROUP, LLC
ADVISORS ASSET	GROUP, L.P.	ATLAS TECHNOLOGY GROUP
MANAGEMENT, INC.	AMS DERIVATIVES B.V.	LLC
AEGIS CAPITAL CORP.	AMUNDI DISTRIBUTOR US,	ATM EXECUTION LLC
AERIS PARTNERS LLC	INC.	AUERBACH GRAYSON &
AIG CAPITAL SERVICES, INC.	AMUNI FINANCIAL, INC.	COMPANY LLC
AIG FINANCIAL SECURITIES	ANGEL ISLAND CAPITAL	AURIGA USA, LLC
CORP.	SERVICES, LLC	AUTOMATED TRADING DESK
AK CAPITAL LLC	ANZ SECURITIES, INC.	BROKERAGE SERVICES, LLC
AKUNA SECURITIES LLC	AON SECURITIES LLC	AUTONOMOUS RESEARCH
ALADDIN CAPITAL LLC	APERTURE, LLC	LLP
ALANTRA, LLC	APEX CLEARING	AVANTAX INVESTMENT
ALLEN & COMPANY LLC	CORPORATION	SERVICES, INC.
ALLIANCEBERNSTEIN	APOLLO GLOBAL SECURITIES,	AVATAR CAPITAL GROUP LLC
INVESTMENTS, INC.	LLC	AVATAR SECURITIES, LLC
ALLIANZ LIFE FINANCIAL	APTO PARTNERS, LLC	AVM, L.P.
SERVICES, LLC	AQR INVESTMENTS, LLC	B. C. ZIEGLER AND COMPANY
ALLSPRING FUNDS	AQUILO PARTNERS, L.P.	B. RILEY SECURITIES, INC.
DISTRIBUTOR, LLC	ARBOR RESEARCH &	B. RILEY WEALTH
ALLSTATE FINANCIAL	TRADING, LLC	MANAGEMENT, INC.
SERVICES, LLC	ARCA CAPITAL	BAADER HELVEA INC.
ALLSTON TRADING LLC	INVESTMENTS, INC.	BAKER TILLY CAPITAL, LLC
ALLY INVEST SECURITIES LLC	ARCHIPELAGO SECURITIES	BALANCE SHEET SOLUTIONS
ALLY SECURITIES LLC	L.L.C.	LLC
ALPINE SECURITIES	ARCHIPELAGO TRADING	BANC OF AMERICA
CORPORATION	SERVICES, INC.	SPECIALIST, INC.

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Brokers and Dealers With No Outstanding
Past-Due Share as of November 15, 2022

BANCO DO BRASIL
SECURITIES LLC
BANCO VOTORANTIM
SECURITIES, INC.
BANCROFT CAPITAL, LLC
BANCWEST INVESTMENT
SERVICES, INC.
BANORTE-IXE SECURITIES
INTERNATIONAL, LTD.
BARCLAYS CAPITAL INC.
BARON CAPITAL, INC.
BB&T INVESTMENT
SERVICES, INC.
BB&T SECURITIES, LLC
BBVA COMPASS
INVESTMENT SOLUTIONS,
INC.
BBVA SECURITIES INC.
BBVA SECURITIES OF PUERTO
RICO, INC.
BCP SECURITIES, INC.
BCS AMERICAS, INC.
BEDROK SECURITIES LLC
BELLE HAVEN INVESTMENTS,
L.P.
BELVEDERE TRADING LLC
BENCHMARK SECURITIES,
LLC
BENGAL CAPITAL TRADING
LLC
BENGAL CAPITAL, LLC
BENJAMIN F. EDWARDS &
COMPANY, INC.
BERENSON & COMPANY, LLC
BERKSHIRE GLOBAL
ADVISORS LP
BERNARD HEROLD & CO.,
INC.
BETA CAPITAL SECURITIES
LLC
BETHESDA SECURITIES, LLC
BEXIL SECURITIES LLC
BGC FINANCIAL, L.P.
BIDS TRADING L.P.

BLACKROCK CAPITAL
MARKETS, LLC
BLACKROCK EXECUTION
SERVICES
BLACKROCK FUND
DISTRIBUTION COMPANY
BLACKROCK INVESTMENTS,
LLC
BLACKSTONE SECURITIES
PARTNERS L.P.
BLAYLOCK VAN, LLC
BLUE CAPITAL GROUP LLC
BLUE FIRE CAPITAL, LLC
BLUEFIN CAPITAL
MANAGEMENT, LLC
BMO CAPITAL MARKETS
CORP.
BMO CAPITAL MARKETS
GKST INC.
BMO HARRIS FINANCIAL
ADVISORS, INC.
BMO INVESTMENT
DISTRIBUTORS, LLC
BMO NESBITT BURNS
TRADING CORP. S.A.
BNP PARIBAS PRIME
BROKERAGE, INC.
BNP PARIBAS SECURITIES
CORP.
BNY MELLON CAPITAL
MARKETS, LLC
BNY MELLON SECURITIES
CORPORATION
BOENNING &
SCATTERGOOD, INC.
BOFA DISTRIBUTORS, INC.
BOFA SECURITIES, INC.
BOK FINANCIAL SECURITIES,
INC.
BOLTON GLOBAL CAPITAL
BONDS.COM, INC.
BOSTON PARTNERS
SECURITIES, L.L.C.
BOUSTEAD SECURITIES, LLC

BRADESCO BAC FLORIDA
INVESTMENTS CORP.
BRADESCO SECURITIES, INC.
BRANDT EQUITIES LLC
BRAVER STERN SECURITIES
LLC
BREAN CAPITAL, LLC
BREX TREASURY LLC
BRICKELL GLOBAL MARKETS,
INC.
BRIGHT TRADING, LLC
BRIGHTHOUSE SECURITIES,
LLC
BROADHAVEN SECURITIES
LLC
BROADRIDGE BUSINESS
PROCESS OUTSOURCING, LLC
BROKERTEC AMERICAS LLC
BROOKFIELD PRIVATE
ADVISORS LLC
BROWN, GIBBONS, LANG &
COMPANY SECURITIES, LLC
BROWNSTONE INVESTMENT
GROUP, LLC
BTG PACTUAL US CAPITAL,
LLC
BTIG, LLC
BUCKLER SECURITIES LLC
BURKE & QUICK PARTNERS
LLC
BYRD TRADING, LLC
C&C TRADING L.L.C.
C. L. KING & ASSOCIATES,
INC.
C6 CAPITAL SECURITIES LLC
CABRERA CAPITAL MARKETS,
LLC
CADARET, GRANT & CO., INC.
CAIN BROTHERS &
COMPANY, LLC
CAIS CAPITAL LLC
CALAMOS FINANCIAL
SERVICES LLC

Public Company Accounting Oversight Board
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CALVERT INVESTMENT
DISTRIBUTORS, INC.
CAMBRIDGE INTERNATIONAL
SECURITIES, INC.
CAMBRIDGE INVESTMENT
RESEARCH, INC.
CAMPBELL LUTYENS & CO.
INC.
CANACCORD GENUITY
SECURITIES LLC
CANACCORD WEALTH
MANAGEMENT (USA) INC.
CANTOR FITZGERALD & CO.
CAPITAL BROKERAGE
CORPORATION
CAPITAL INSTITUTIONAL
SERVICES, INC.
CAPITAL ONE INVESTING, LLC
CAPITAL ONE SECURITIES,
INC.
CARDINAL CAPITAL
MANAGEMENT LLC
CARILLON FUND
DISTRIBUTORS, INC.
CARNEGIE, INC.
CARTA CAPITAL MARKETS,
LLC
CARTY & COMPANY, INC.
CASGRAIN & COMPANY
(USA) LIMITED
CBOE TRADING, INC.
CBRE CAPITAL ADVISORS,
INC.
CCB INTERNATIONAL
OVERSEAS (USA) INC.
CENTAURUS FINANCIAL, INC.
CENTERVIEW PARTNERS LLC
CETERA ADVISOR NETWORKS
LLC
CETERA ADVISORS LLC
CETERA FINANCIAL
SPECIALISTS LLC
CETERA INVESTMENT
SERVICES LLC

CF SECURED, LLC
CGIS SECURITIES LLC
CHARDAN CAPITAL MARKETS
LLC
CHARLES RIVER BROKERAGE,
LLC
CHARLES SCHWAB & CO.,
INC.
CHASE INVESTMENT
SERVICES CORP.
CHICAGO CAPITAL
MANAGEMENT, L.P.
CHIMERA SECURITIES, LLC
CHOPPER SECURITIES, LLC
CIBC WORLD MARKETS
CORP.
CICC US SECURITIES, INC.
CIMB SECURITIES (USA), INC.
CIT CAPITAL SECURITIES LLC
CITI ORDER ROUTING AND
EXECUTION, LLC
CITIC SECURITIES
INTERNATIONAL USA, LLC
CITICORP SECURITIES
SERVICES, INC.
CITIGROUP DERIVATIVES
MARKETS INC.
CITIGROUP GLOBAL
MARKETS INC.
CITIZENS CAPITAL MARKETS,
INC.
CITIZENS SECURITIES, INC.
CITY NATIONAL SECURITIES,
INC.
CITY SECURITIES
CORPORATION
CLARK SECURITIES, INC.
CLARKSON CAPITAL
MARKETS LLC
CLARKSONS SECURITIES, INC.
CLEAR STREET LLC
CLEAR STREET MARKETS LLC
CLEARPOOL EXECUTION
SERVICES, LLC

CLEARY GULL INC.
CLEVELAND RESEARCH
COMPANY LLC
CLIFTONLARSONALLEN
WEALTH ADVISORS, LLC
CLSA AMERICAS, LLC
CMCJL, LLC
CME BD SERVICES, INC.
CMG SECURITIES LLC
CMT TRADING LLC
CMZ TRADING, LLC
COASTAL SECURITIES, INC.
CODE ADVISORS LLC
COGNITIVE CAPITAL, LLC
COHEN & COMPANY CAPITAL
MARKETS, LLC
COHEN & COMPANY
SECURITIES, LLC
COHEN & STEERS
SECURITIES, LLC
COHNREZNICK CAPITAL
MARKETS SECURITIES, LLC
COLLINS/BAY ISLAND
SECURITIES, LLC
COLUMBIA MANAGEMENT
INVESTMENT DISTRIBUTORS,
INC.
COMERICA SECURITIES, INC.
COMMERCE BROKERAGE
SERVICES, INC.
COMMERZ MARKETS LLC
COMMONFUND SECURITIES,
INC.
COMMONWEALTH
AUSTRALIA SECURITIES LLC
COMMONWEALTH EQUITY
SERVICES, LLC
COMPASS POINT RESEARCH
& TRADING, LLC
CONCOURSE FINANCIAL
GROUP SECURITIES, INC.
CONTINUITY PARTNERS
GROUP, LLC

Public Company Accounting Oversight Board
Brokers and Dealers With No Outstanding
Past-Due Share as of November 15, 2022

CORMARK SECURITIES (USA)
LIMITED
CORNERSTONE MACRO LLC
CORNERSTONE TRADING, LLC
CORTVIEW CAPITAL
SECURITIES LLC
COWEN AND COMPANY, LLC
COWEN EQUITY FINANCE LP
COWEN EXECUTION
SERVICES LLC
COWEN PRIME SERVICES LLC
CP COGENT SECURITIES LP
CRAIG-HALLUM CAPITAL
GROUP LLC
CREDIT AGRICOLE
CHEUVREUX NORTH
AMERICA, INC.
CREDIT SUISSE CAPITAL LLC
CREDIT SUISSE PRIME
SECURITIES SERVICES (USA)
LLC
CREDIT SUISSE PRIVATE
ADVISORS AG
CREWS & ASSOCIATES, INC.
CRITICAL TRADING, LLC
CROWELL, WEEDON & CO.
CRT CAPITAL GROUP LLC
CSS, LLC
CT COLLATERAL FUNDING,
LLC
CTC, LLC
CUNA BROKERAGE SERVICES,
INC.
CURIAN CLEARING, LLC
CURTISWOOD CAPITAL, LLC
CURVATURE SECURITIES LLC
CUSO FINANCIAL SERVICES,
L.P.
CUTLER GROUP, LLC
CUTWATER ASSET
MANAGEMENT CORP.
CYNDX ADVISORS LLC
D.A. DAVIDSON & CO.
D.M. KELLY & COMPANY

DAHLMAN ROSE &
COMPANY, LLC
DAIWA CAPITAL MARKETS
AMERICA INC.
DAIWA CORPORATE
ADVISORY LLC
DANSKE MARKETS INC.
DASH FINANCIAL
TECHNOLOGIES LLC
DAVENPORT & COMPANY
LLC
DAVID LERNER ASSOCIATES,
INC.
DAVIS DISTRIBUTORS, LLC
DAVY SECURITIES
DAWSON JAMES SECURITIES,
INC.
DB SECURITIES SERVICES NJ
INC.
DBO PARTNERS LLC
DBS VICKERS SECURITIES
(USA) INC.
DEALERWEB INC.
DELANEY EQUITY GROUP LLC
DELAWARE DISTRIBUTORS,
L.P.
DELOITTE CORPORATE
FINANCE LLC
DESJARDINS SECURITIES
INTERNATIONAL INC.
DEVELOPMENT
CORPORATION FOR ISRAEL
DIFFUSION MARKETS, L.L.C.
DIGITAL BROKERAGE
SERVICES LLC
DIMENSION TRADING
GROUP, LLC
DIRECT EDGE ECN LLC
DIRECTED SERVICES LLC
DNB MARKETS, INC.
DOFT & CO., INC.
DOUGH LLC
DOWLING & PARTNERS
SECURITIES LLC

DREXEL HAMILTON, LLC
DRIEHAUS SECURITIES LLC
DRIVEWEALTH, LLC
DRW EXECUTION SERVICES,
LLC
DRW SECURITIES, L.L.C.
DUFF & PHELPS SECURITIES
LLC
DUNCAN-WILLIAMS, INC.
DUNDEE SECURITIES INC.
DV EQUITIES, LLC
DV SECURITIES, LLC
DVB CAPITAL MARKETS LLC
DWS DISTRIBUTORS, INC.
DZ FINANCIAL MARKETS LLC
E D & F MAN CAPITAL
MARKETS INC.
E*TRADE CLEARING LLC
E.J. DE LA ROSA & CO., INC.
EARLYBIRDCAPITAL, INC.
EATON PARTNERS, LLC
EATON VANCE
DISTRIBUTORS, INC.
EBX LLC
ECHOTRADE LLC
EDWARD D. JONES & CO.,
L.P.
EG MARKET TECHNOLOGIES
LLC
ELECTRONIC TRANSACTION
CLEARING, INC.
ELEVATION, LLC
EMBED CLEARING LLC
EMMET & CO, INC.
EMPIRICAL RESEARCH
PARTNERS LLC
ENGLISH CONCEPTS, INC.
EPOCH SECURITIES, INC.
EQUATEX US INC
EQUILEND LLC
EQUITABLE ADVISORS, LLC
EQUITABLE DISTRIBUTORS,
LLC

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Brokers and Dealers With No Outstanding
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EQUITEC PROPRIETARY
MARKETS, LLC
EQUITEC SPECIALISTS, LLC
EQUITYZEN SECURITIES LLC
ERNST & YOUNG CAPITAL
ADVISORS, LLC
ESL INVESTMENT SERVICES,
LLC
ESTRADA HINOJOSA &
COMPANY, INC.
EVERCORE GROUP L.L.C.
EXANE, INC.
EXECUTION ACCESS, LLC
EXOTIX USA INC.
FACTSET DATA SYSTEMS,
INC.
FAGENSON & CO., INC.
FAIRMOUNT PARTNERS LP
FARMERS FINANCIAL
SOLUTIONS, LLC
FELTL & COMPANY
FIDELITY BROKERAGE
SERVICES LLC
FIDELITY DISTRIBUTORS
COMPANY LLC
FIDELITY DISTRIBUTORS
CORPORATION
FIDELITY PRIME FINANCING,
LLC
FIFTH THIRD SECURITIES,
INC.
FIG PARTNERS, LLC
FINANCIAL NORTHEASTERN
SECURITIES, INC.
FIRST ALLIED SECURITIES,
INC.
FIRST ANALYSIS SECURITIES
CORPORATION
FIRST BALLANTYNE, LLC
FIRST BANKERS' BANC
SECURITIES, INC
FIRST BROKERS SECURITIES
LLC

FIRST CITIZENS INVESTOR
SERVICES, INC.
FIRST CITIZENS SECURITIES
CORPORATION
FIRST CLEARING, LLC
FIRST DERIVATIVE TRADERS,
L.P.
FIRST EMPIRE SECURITIES,
INC.
FIRST MANHATTAN CO
FIRST NEW YORK SECURITIES
L.L.C.
FIRST REPUBLIC SECURITIES
COMPANY, LLC
FIRST SOUTHWEST
COMPANY, LLC
FIRST TRUST PORTFOLIOS
L.P.
FIRST TRYON SECURITIES, LLC
FIRST WINSTON SECURITIES,
INC.
FIRSTRADE SECURITIES INC.
FIS BROKERAGE &
SECURITIES SERVICES LLC
FIXED INCOME CAPITAL
PARTNERS, LLC
FLORIDA ATLANTIC
SECURITIES CORP.
FLOURISH FINANCIAL LLC
FLOW TRADERS U.S.
INSTITUTIONAL TRADING LLC
FLOW TRADERS U.S. LLC
FM PARTNERS HOLDINGS LLC
FMI CAPITAL ADVISORS, INC.
FMSBONDS, INC.
FOCALPOINT SECURITIES, LLC
FOLGER NOLAN FLEMING
DOUGLAS INCORPORATED
FOLIO INVESTMENTS, INC.
FORESTERS FINANCIAL
SERVICES, INC.
FORETHOUGHT
DISTRIBUTORS, LLC
FORGE MARKETS LLC

FOX RIVER EXECUTION
TECHNOLOGY, LLC
FRANKLIN/TEMPLETON
DISTRIBUTORS, INC.
FRED ALGER & COMPANY,
LLC
FREEDOM INVESTMENTS,
INC.
FROST BROKERAGE
SERVICES, INC.
FS INVESTMENT SOLUTIONS,
LLC
FSC SECURITIES
CORPORATION
FSP INVESTMENTS LLC
FT GLOBAL CAPITAL, INC.
FUTU CLEARING INC
G-2 TRADING, LLC
G-BAR LIMITED
PARTNERSHIP
G-TRADE SERVICES LLC
G1 EXECUTION SERVICES, LLC
G2 TRADING LLC
GAGNON SECURITIES, LLC
GARGOYLE STRATEGIC
INVESTMENTS L.L.C.
GDK, INC.
GE CAPITAL MARKETS, INC.
GELBER SECURITIES, LLC
GENESIS CAPITAL, LLC
GEORGE K. BAUM &
COMPANY
GETCO EXECUTION SERVICES
LLC
GETCO SECURITIES, LLC
GFI SECURITIES LLC
GILDER GAGNON HOWE &
CO. LLC
GLEACHER & COMPANY
SECURITIES, INC.
GLICKENHAUS & CO.
GLOBAL ALTERNATIVE
INVESTMENT SERVICES, INC.

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Brokers and Dealers With No Outstanding
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GLOBAL EXECUTION
BROKERS, LP
GLOBAL HUNTER SECURITIES,
LLC
GMP SECURITIES, LLC
GOLDMAN SACHS & CO. LLC
GOLDMAN SACHS
EXECUTION & CLEARING, L.P.
GOLDMAN SACHS FINANCIAL
MARKETS, L.P.
GORDON DYAL & CO., LLC
GP BULLHOUND INC.
GRAY WHALE CAPITAL, LLC
GREAT POINT CAPITAL LLC
GREEN STREET ADVISORS,
LLC
GREENHILL & CO., LLC
GREENSLEDGE CAPITAL
MARKETS LLC
GRIFFIN FINANCIAL GROUP,
LLC
GRIFFITHS MCBURNEY CORP.
GROUP ONE TRADING, L.P.
GROVE POINT INVESTMENTS,
LLC
GTS SECURITIES LLC
GUARDIAN INVESTOR
SERVICES LLC
GUGGENHEIM
DISTRIBUTORS, LLC
GUGGENHEIM FUNDS
DISTRIBUTORS, LLC
GUGGENHEIM SECURITIES,
LLC
GUZMAN & COMPANY
GWN SECURITIES INC.
GX2 SPREAD MARKETS, LLC
H.C.WAINWRIGHT & CO., LLC
H2C SECURITIES INC.
HAITONG INTERNATIONAL
SECURITIES (USA) INC.
HAITONG SECURITIES USA
LLC
HALES SECURITIES, LLC

HANCOCK WHITNEY
INVESTMENT SERVICES INC.
HANDELSBANKEN MARKETS
SECURITIES, INC.
HANTZ FINANCIAL SERVICES,
INC.
HAP TRADING, LLC
HAPOALIM SECURITIES USA,
INC.
HARD EIGHT TRADING, LLC
HARRIS WILLIAMS LLC
HARTFORD FUNDS
DISTRIBUTORS, LLC
HAYWOOD SECURITIES (USA)
INC.
HBK GLOBAL SECURITIES L.P.
HEALTHCARE COMMUNITY
SECURITIES CORPORATION
HENNION & WALSH, INC.
HERBERT J. SIMS & CO, INC.
HFF SECURITIES L.P.
HILLTOP SECURITIES INC.
HOLD BROTHERS CAPITAL
LLC
HOME FINANCIAL SERVICES,
INC.
HONEY BADGER
INVESTMENT SECURITIES,
LLC
HORNOR, TOWNSEND &
KENT, INC.
HOULIHAN LOKEY ADVISORS,
LLC
HOULIHAN LOKEY CAPITAL,
INC.
HOVDE GROUP, LLC
HOWARD WEIL
INCORPORATED
HRT EXECUTION SERVICES
LLC
HRT FINANCIAL LP
HSBC SECURITIES (USA) INC.
HUATAI SECURITIES (USA),
INC.

HUNT FINANCIAL
SECURITIES, LLC
HUNTINGTON SECURITIES,
INC.
IBERIA CAPITAL PARTNERS
L.L.C.
IBKR SECURITIES SERVICES
LLC
IBS HOLDING CORPORATION
ICBC STANDARD SECURITIES
INC.
ICE BONDS SECURITIES
CORPORATION
ICE SECURITIES EXECUTION &
CLEARING, LLC
ICM SECURITIES, LLC
IDB CAPITAL CORP.
IEX SERVICES LLC
IFC HOLDINGS, INC.
IMC EXECUTION SERVICES
LLC
IMC-CHICAGO, LLC
IMPERIAL CAPITAL, LLC
INCENTER SECURITIES
GROUP LLC
INDUSTRIAL AND
COMMERCIAL BANK OF
CHINA FINANCIAL SERVICES
LLC
INFINEX INVESTMENTS, INC.
ING FINANCIAL MARKETS LLC
INGALLS & SNYDER, LLC
INSIGNEO INTERNATIONAL
FINANCIAL SERVICES LLC
INSIGNEO SECURITIES, LLC
INSPEREX LLC
INSTINET, LLC
INSTITUTIONAL CASH
DISTRIBUTORS, LLC
INTERACTIVE BROKERS
CORP.
INTERACTIVE BROKERS LLC
INTERCOASTAL CAPITAL
MARKETS, INC.

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INTERNATIONAL STRATEGY &
INVESTMENT GROUP LLC
INTESA SANPAOLO IMI
SECURITIES CORP.
INTREPID INVESTMENT
BANKERS LLC
INVEMED ASSOCIATES LLC
INVESTACORP, INC.
INVESTEC SECURITIES (US)
LLC
INVESTMENT CENTERS OF
AMERICA, INC.
INVESTMENT DISTRIBUTORS,
INC.
INVESTMENT PLACEMENT
GROUP
INVEX, LLC.
ITAU BBA USA SECURITIES,
INC.
ITAU INTERNATIONAL
SECURITIES INC.
IVY DISTRIBUTORS, INC.
J. WOOD CAPITAL ADVISORS
LLC
J.J.B. HILLIARD, W.L. LYONS,
LLC
J.P. MORGAN CLEARING
CORP.
J.P. MORGAN INSTITUTIONAL
INVESTMENTS INC.
J.P. MORGAN PRIME INC.
J.P. MORGAN SECURITIES LLC
J.V.B. FINANCIAL GROUP, LLC
J.W. COLE FINANCIAL, INC.
JACKSON NATIONAL LIFE
DISTRIBUTORS LLC
JAG TRADING L.L.C.
JANE STREET CAPITAL, LLC
JANE STREET EXECUTION
SERVICES, LLC
JANE STREET MARKETS, LLC
JANNEY MONTGOMERY
SCOTT LLC

JANUS HENDERSON
DISTRIBUTORS US LLC
JEFFERIES BACHE
SECURITIES, LLC
JEFFERIES EXECUTION
SERVICES, INC.
JEFFERIES HIGH YIELD
TRADING, LLC
JEFFERIES LLC
JMP SECURITIES LLC
JOE JOLLY & CO., INC.
JOHN HANCOCK
DISTRIBUTORS LLC
JOHN HANCOCK
INVESTMENT MANAGEMENT
DISTRIBUTORS LLC
JOHNSON RICE & COMPANY
L.L.C.
JONES LANG LASALLE
SECURITIES, LLC
JONESTRADING
INSTITUTIONAL SERVICES LLC
JPMORGAN DISTRIBUTION
SERVICES, INC.
JVB FINANCIAL GROUP, LLC
KBC SECURITIES USA LLC
KBFG SECURITIES AMERICA
INC.
KEEFE, BRUYETTE & WOODS,
INC.
KEMPEN & CO U.S.A., INC.
KESTRA INVESTMENT
SERVICES, LLC
KEY INVESTMENT SERVICES
LLC
KEYBANC CAPITAL MARKETS
INC.
KGS-ALPHA CAPITAL
MARKETS, L.P.
KIPPSDESANTO & COMPANY
KKR CAPITAL MARKETS LLC
KMS FINANCIAL SERVICES,
INC.

KNIGHT CAPITAL AMERICAS,
L.P.
KOONCE SECURITIES, INC.
KOYOTE TRADING LLC
KPMG CORPORATE FINANCE
LLC
L.J. HART AND COMPANY
LADDER CAPITAL SECURITIES
LLC
LADENBURG THALMANN &
CO. INC.
LAFISE SECURITIES
CORPORATION
LAKE STREET CAPITAL
MARKETS, LLC
LAKESHORE SECURITIES, L.P.
LASALLE INVESTMENT
MANAGEMENT
DISTRIBUTORS, LLC
LATOUR TRADING LLC
LAVAFLOW, INC.
LAZARD MIDDLE MARKET LLC
LIFESCI CAPITAL, LLC
LIGHTSPEED FINANCIAL
SERVICES GROUP LLC
LIME TRADING CORP
LINCOLN FINANCIAL
ADVISORS CORPORATION
LINCOLN FINANCIAL
DISTRIBUTORS, INC.
LINCOLN FINANCIAL
SECURITIES CORPORATION
LINCOLN INTERNATIONAL
LLC
LINCOLN INVESTMENT
PLANNING, LLC
LIONTREE ADVISORS LLC
LIQUIDITYEDGE, LLC.
LIQUIDPOINT, LLC
LLOYDS SECURITIES INC.
LOEB PARTNERS
CORPORATION
LOMBARD ODIER
TRANSATLANTIC LIMITED

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LOOP CAPITAL MARKETS LLC
LORD ABBETT DISTRIBUTOR
LLC
LPL FINANCIAL LLC
LUMA SECURITIES LLC
LUMINEX TRADING &
ANALYTICS LLC
LUPO SECURITIES, LLC
M&I FINANCIAL ADVISORS,
INC.
M3 CAPITAL PARTNERS LLC
MACQUARIE CAPITAL
MARKETS NORTH AMERICA
LTD.
MACRO RISK ADVISORS LLC
MAN INVESTMENTS INC.
MAPLE SECURITIES U.S.A.
INC.
MARATHON CAPITAL
MARKETS, LLC
MAREX NORTH AMERICA
SECURITIES LLC
MARIVA CAPITAL MARKETS,
LLC
MARKETAXESS
CORPORATION
MARKS BAUGHAN
SECURITIES LLC
MARSHBERRY CAPITAL, LLC.
MATTHEWS SOUTH, LLC
MAXIM GROUP LLC
MCADAMS WRIGHT RAGEN,
INC.
MCAP LLC
MCS CAPITAL MARKETS LLC
MEDIOBANCA SECURITIES
USA LLC
MERCER ALLIED COMPANY,
L.P.
MERCHANT CAPITAL, L.L.C.
MERIDIAN CAPITAL LLC
MERRILL LYNCH FINANCIAL
MARKETS, INC.

MERRILL LYNCH
PROFESSIONAL CLEARING
CORP.
MERRILL LYNCH, PIERCE,
FENNER & SMITH
INCORPORATED
MERUS CAPITAL PARTNERS,
LLC
MESIROW FINANCIAL, INC.
METLIFE INVESTORS
DISTRIBUTION COMPANY
MFR SECURITIES, INC.
MFS FUND DISTRIBUTORS,
INC.
MIDDLEGATE SECURITIES
INC.
MIDLAND SECURITIES, LTD
MILLBURN RIDGEFIELD
CORPORATION
MILLCO ADVISORS, LP
MILLENNIUM ADVISORS, LLC
MILLER BUCKFIRE & CO., LLC
MILLER TABAK + CO., LLC
MINT BROKERS
MIRAE ASSET SECURITIES
(USA) INC.
MIRAE ASSET WEALTH
MANAGEMENT (USA) INC.
MISCHLER FINANCIAL
GROUP, INC.
MITCHELL ENERGY
ADVISORS, LLC
MIURA CAPITAL, LLC
MIZUHO SECURITIES USA LLC
MKM PARTNERS LLC
MMA SECURITIES LLC
MMC SECURITIES LLC
MML INVESTORS SERVICES,
LLC
MND PARTNERS, INC.
MOCHO TRADING LLC
MOELIS & COMPANY LLC
MOG CAPITAL L.L.C.

MONEY CONCEPTS CAPITAL
CORP
MOOMOO FINANCIAL INC.
MOORELAND PARTNERS LLC
MOORS & CABOT, INC.
MORGAN JOSEPH
TRIARTISAN LLC
MORGAN KEEGAN &
COMPANY, LLC
MORGAN STANLEY & CO. LLC
MORGAN STANLEY
DISTRIBUTION, INC.
MORGAN STANLEY SMITH
BARNEY LLC
MORNINGSTAR INVESTMENT
SERVICES LLC
MOTIF INVESTING, INC.
MOUNTAINSIDE SECURITIES
LLC
MOUNTAINVIEW
SECURITIES, LLC
MPS GLOBAL SECURITIES, LLC
MS SECURITIES SERVICES
INC.
MSI FINANCIAL SERVICES,
INC.
MTS SECURITIES, LLC
MUFG AMERICAS
CORPORATE ADVISORY, INC.
MUFG SECURITIES AMERICAS
INC.
MULTI-BANK SECURITIES,
INC.
MUTUAL OF AMERICA LIFE
INSURANCE COMPANY
N. B. ZOULLAS SECURITIES,
INC.
N.A. INVESTCORP LLC
N.I.S. FINANCIAL SERVICES,
INC.
NABSECURITIES, LLC
NASDAQ EXECUTION
SERVICES, LLC

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NASDAQ OPTIONS SERVICES,
LLC
NATALLIANCE SECURITIES,
LLC
NATHAN HALE CAPITAL, LLC
NATIONAL BANK OF CANADA
FINANCIAL INC.
NATIONAL FINANCIAL
SERVICES LLC
NATIONAL PLANNING
CORPORATION
NATIONAL SECURITIES
CORPORATION
NATIONWIDE FUND
DISTRIBUTORS LLC
NATIONWIDE SECURITIES,
LLC
NATIXIS DERIVATIVES INC.
NATIXIS DISTRIBUTION, LLC
NATIXIS SECURITIES
AMERICAS LLC
NATWEST MARKETS
SECURITIES INC.
NAVY FEDERAL INVESTMENT
SERVICES, LLC
NBC SECURITIES, INC.
NBF SECURITIES (USA) CORP.
NEEDHAM & COMPANY, LLC
NELNET CAPITAL LLC
NEUBERGER BERMAN BD LLC
NEUBERGER BERMAN
MANAGEMENT LLC
NEW ENGLAND SECURITIES
CORPORATION
NEWEDGE SECURITIES, INC.
NEWEDGE USA, LLC
NEWPORT GROUP
SECURITIES, INC.
NEXBANK SECURITIES INC
NFSTX, LLC
NH INVESTMENT &
SECURITIES AMERICA, INC.
NOLITA CAPITAL, LLC

NOMURA GLOBAL FINANCIAL
PRODUCTS INC.
NOMURA GREENTECH
CAPITAL ADVISORS, LLC
NOMURA SECURITIES
INTERNATIONAL, INC.
NOMURA SECURITIES NORTH
AMERICA, LLC
NORTH BRIDGE CAPITAL, LLC
NORTH POINT MERGERS
AND ACQUISITIONS, INC.
NORTHERN TRUST
SECURITIES, INC.
NORTHLAND SECURITIES,
INC.
NORTHSTAR SECURITIES, LLC
NORTHWESTERN MUTUAL
INVESTMENT SERVICES, LLC
NUMIS SECURITIES INC.
NUVEEN SECURITIES, LLC
NYLIFE SECURITIES LLC
O'NEIL SECURITIES
INCORPORATED
OASIS PRO MARKETS LLC
OBD SECURITIES LLC
OCTEG, LLC
ODDO BHF NEW YORK
CORPORATION
ODEON CAPITAL GROUP LLC
OHIO NATIONAL EQUITIES,
INC.
OLD MISSION CAPITAL, LLC
OLD MISSION MARKETS LLC
OPENDOOR SECURITIES LLC
OPPENHEIMER & CO. INC.
OPPENHEIMERFUNDS
DISTRIBUTOR, INC.
OPTIONSHOUSE, LLC
OPTIONSPRESS, INC.
OPTIVER US LLC
OREC SECURITIES, LLC
ORIENTAL FINANCIAL
SERVICES LLC

OSCAR GRUSS & SON
INCORPORATED
OTA LLC
OTC LINK LLC
P.J. ROBB VARIABLE
CORPORATION
PACIFIC CREST SECURITIES
LLC
PACIFIC SELECT
DISTRIBUTORS, LLC
PARETO SECURITIES INC.
PARIS SECURITIES
CORPORATION
PARK HILL REAL ESTATE
GROUP LLC
PARK SUTTON SECURITIES,
LLC
PARKLAND SECURITIES, LLC
PAULSON INVESTMENT
COMPANY LLC
PAYCHEX SECURITIES
CORPORATION
PEAK6 CAPITAL
MANAGEMENT LLC
PEAK6 PERFORMANCE
MANAGEMENT LLC
PEAK6 VEGA MASTER FUND
LLC
PENSON FINANCIAL
SERVICES, INC.
PERFORMANCE TRUST
CAPITAL PARTNERS, LLC
PERSHING LLC
PFS INVESTMENTS INC.
PHILLIP CAPITAL INC.
PHOENIX DERIVATIVES
GROUP, LLC
PIMCO INVESTMENTS LLC
PIPELINE TRADING SYSTEMS
LLC
PIPER SANDLER & CO.
PJT PARTNERS LP
PNC CAPITAL MARKETS LLC
PNC INVESTMENTS LLC

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POPULAR SECURITIES, LLC
PORTIGON SECURITIES INC.
POTAMUS TRADING, LLC
PRAGMA LLC
PRECISION SECURITIES, LLC
PREFERRED CAPITAL
SECURITIES, LLC
PRICEWATERHOUSECOOPE
RS CORPORATE FINANCE LLC
PRIME DEALER SERVICES
CORP.
PRINCIPAL FUNDS
DISTRIBUTOR, INC.
PRINCIPAL SECURITIES, INC.
PROBITAS FUNDS GROUP,
LLC
PROSPERA FINANCIAL
SERVICES, INC.
PRUCO SECURITIES, LLC.
PRUDENTIAL ANNUITIES
DISTRIBUTORS, INC
PRUDENTIAL INVESTMENT
MANAGEMENT SERVICES LLC
PTR, INC.
PUBLIC VENTURES, LLC
PULSE TRADING, INC.
PUNDION LLC
PURESTREAM, LLC
PUTNAM RETAIL
MANAGEMENT LIMITED
PARTNERSHIP
Q ADVISORS LLC
QATALYST PARTNERS LP
QUAD CAPITAL, LLC
QUAD SECURITIES LLC
QUANTITATIVE BROKERS, LLC
QUANTLAB SECURITIES LP
QUASAR DISTRIBUTORS, LLC
QUESTAR CAPITAL
CORPORATION
QUIET LIGHT SECURITIES, LLC
R.W.PRESSPRICH & CO.
RABO SECURITIES USA, INC.

RAFFERTY CAPITAL
MARKETS, LLC
RAINE SECURITIES LLC
RAINIER SECURITIES, LLC
RAMAT SECURITIES LTD.
RAYMOND JAMES &
ASSOCIATES, INC.
RAYMOND JAMES (USA) LTD.
RAYMOND JAMES FINANCIAL
SERVICES, INC.
RAYMOND JAMES
INSURANCE GROUP, INC.
RB INTERNATIONAL
MARKETS (USA) LLC
RBC CAPITAL MARKETS, LLC
RBC CMA LLC
RCI LIMITED PARTNERSHIP
REALCADRE LLC
RED CEDAR TRADING, LLC
REDBIRD BD, LLC
REDI GLOBAL TECHNOLOGIES
LLC
REGAL SECURITIES, INC.
REGIONS SECURITIES LLC
RELATED FINANCIAL
SERVICES, LLC
REUTERS TRANSACTION
SERVICES LLC
RGM SECURITIES, LLC
RIVERSOURCE
DISTRIBUTORS, INC.
RIVERSTONE CAPITAL
SERVICES LLC
ROBERT W. BAIRD & CO.
INCORPORATED
ROCKEFELLER FINANCIAL LLC
RODMAN & RENSHAW, LLC
RONIN CAPITAL, LLC
ROOSEVELT & CROSS,
INCORPORATED
ROSENBLATT SECURITIES
INC.
ROSENTHAL GLOBAL
SECURITIES LLC

ROSS, SINCLAIRE &
ASSOCIATES, LLC
ROTH CAPITAL PARTNERS,
LLC
ROTHSCHILD & CO US INC.
ROYAL ALLIANCE
ASSOCIATES, INC.
ROYCE FUND SERVICES, LLC
RQD* CLEARING, LLC
RUANE, CUNNIFF &
GOLDFARB LLC
RUSSELL INVESTMENTS
FINANCIAL SERVICES, LLC
RUSSELL INVESTMENTS
IMPLEMENTATION SERVICES,
LLC
SABADELL SECURITIES USA,
INC.
SAFRA SECURITIES LLC
SAGEPOINT FINANCIAL, INC.
SAL EQUITY TRADING, GP
SAMI BROKERAGE LLC
SAMMONS FINANCIAL
NETWORK, LLC
SAMSUNG SECURITIES
(AMERICA), INC.
SAMUEL A. RAMIREZ &
COMPANY, INC.
SANDERS MORRIS HARRIS
INC.
SANDLER, O'NEILL &
PARTNERS, L.P.
SANFORD C. BERNSTEIN &
CO., LLC
SANTANDER INTERNATIONAL
SECURITIES, INC.
SANTANDER INVESTMENT
SECURITIES INC.
SANTANDER SECURITIES LLC
SAYBRUS EQUITY SERVICES,
INC
SBERBANK CIB USA, INC
SCOTIA CAPITAL (USA) INC.
SCOTT & STRINGFELLOW, LLC

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SCOTTRADE, INC.
SCOUT TRADING, LLC
SEA OTTER SECURITIES
GROUP LLC
SEAPORT GLOBAL
SECURITIES LLC
SEAPORT SECURITIES CORP.
SEATTLE-NORTHWEST
SECURITIES CORPORATION
SEB SECURITIES, INC.
SECURIAN FINANCIAL
SERVICES, INC.
SECURITIES AMERICA, INC.
SECURITIES MANAGEMENT
AND RESEARCH, INC.
SECURITIES SERVICE
NETWORK, LLC
SECURITY DISTRIBUTORS, LLC
SEI INVESTMENTS
DISTRIBUTION CO.
SENTINEL FINANCIAL
SERVICES COMPANY
SENVEST INTERNATIONAL
L.L.C.
SG AMERICAS SECURITIES,
LLC
SHAY FINANCIAL SERVICES,
INC.
SHEA & COMPANY, LLC
SHEARMAN, RALSTON INC.
SHELBY CULLOM DAVIS &
CO., L.P.
SIERRA PACIFIC SECURITIES,
LLC
SIG BROKERAGE, LP
SIGMA FINANCIAL
CORPORATION
SIGNAL HILL CAPITAL GROUP
LLC
SIGNATOR INVESTORS, INC.
SIGNATURE SECURITIES
GROUP CORPORATION
SII INVESTMENTS, INC.

SIMMONS & COMPANY
INTERNATIONAL
SIMMONS FIRST
INVESTMENT GROUP, INC.
SIMON MARKETS LLC
SIMPLEX TRADING, LLC
SIXPOINT PARTNERS LLC
SMBC NIKKO SECURITIES
AMERICA, INC.
SMBC NIKKO SECURITIES
CANADA, LTD.
SOLEBURY CAPITAL LLC
SOUTH STREET SECURITIES
LLC
SPC CAPITAL MARKETS LLC
SPHINX TRADING, LP
SPIDERROCK EXS, LLC
SPOT TRADING L.L.C.
SPROTT GLOBAL RESOURCE
INVESTMENTS LTD
SPURRIER CAPITAL
PARTNERS LLC
SS&C MARKET SERVICES, LLC
STANDARD CHARTERED
SECURITIES NORTH AMERICA
LLC
STANDARD CREDIT
SECURITIES INC.
STANDARD NEW YORK, INC.
STATE FARM VP
MANAGEMENT CORP.
STATE STREET GLOBAL
ADVISORS FUNDS
DISTRIBUTORS, LLC
STATE STREET GLOBAL
MARKETS, LLC
STEBEN & COMPANY, LLC
STEPHENS INC.
STERLING, GRACE
MUNICIPAL SECURITIES
CORPORATION
STERN BROTHERS & CO.
STERNE, AGEE & LEACH, INC.

STEWART PARTNERS
INVESTMENT SOLUTIONS,
LLC
STIFEL, NICOLAUS &
COMPANY, INCORPORATED
STOCKCROSS FINANCIAL
SERVICES, INC.
STOEVER, GLASS & COMPANY
INC.
STONE & YOUNGBERG LLC
STONEX FINANCIAL INC.
STORMHARBOUR SECURITIES
LP
STOUT CAPITAL, LLC
STRATEGAS SECURITIES, LLC
STUART FRANKEL & CO.,
INCORPORATED
STUDENT OPTIONS, LLC
SUMMIT BROKERAGE
SERVICES, INC.
SUMRIDGE PARTNERS, LLC
SUN LIFE FINANCIAL
DISTRIBUTORS, INC.
SUNGARD INSTITUTIONAL
BROKERAGE INC.
SUNRISE BROKERS LLC
SUSQUEHANNA FINANCIAL
GROUP, LLLP
SUSQUEHANNA SECURITIES,
LLC
SVB INVESTMENT SERVICES
INC.
SVB SECURITIES LLC
SVB SECURITIES, A NON-
BANK AFFILIATE OF SILICON
VALLEY BANK
SWBC INVESTMENT
SERVICES, LLC
SWEDBANK SECURITIES US,
LLC
SWENEY CARTWRIGHT &
COMPANY
SWISS RE CAPITAL MARKETS
CORPORATION

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SYNOVUS SECURITIES, INC.
SYSTEMATIZED BENEFITS
ADMINISTRATORS, INC.
T. ROWE PRICE INVESTMENT
SERVICES, INC.
T3 TRADING GROUP, LLC
TALCOTT RESOLUTION
DISTRIBUTION COMPANY,
INC.
TASTYWORKS, INC.
TCBI SECURITIES, INC.
TCG CAPITAL MARKETS L.L.C.
TD PRIME SERVICES LLC
TD SECURITIES (USA) LLC
TD SECURITIES AUTOMATED
TRADING LLC
TEACHERS PERSONAL
INVESTORS SERVICES, INC.
TELEMETRY SECURITIES,
L.L.C.
TFS DERIVATIVES LLC
THE BAKER GROUP, LP
THE BENCHMARK COMPANY,
LLC
THE BUCKINGHAM
RESEARCH GROUP
INCORPORATED
THE GMS GROUP, LLC
THE HUNTINGTON
INVESTMENT COMPANY
THE KLEIN GROUP, LLC
THE LEADERS GROUP, INC.
THE VERTICAL TRADING
GROUP, LLC
THE WILLIAMS CAPITAL
GROUP, L.P.
THOMA BRAVO CAPITAL
MARKETS, LLC
THOMAS WEISEL PARTNERS
LLC
THRIVENT DISTRIBUTORS,
LLC
THRIVENT INVESTMENT
MANAGEMENT INC.

TIAA-CREF INDIVIDUAL &
INSTITUTIONAL SERVICES,
LLC
TIBRA TRADING AMERICA
LLC
TICONDEROGA SECURITIES
LLC
TIGRESS FINANCIAL
PARTNERS, LLC
TMC BONDS L.L.C.
TMT INVESTMENTS, LLC
TORO TRADING LLC
TOUCHSTONE SECURITIES,
INC.
TOURMALINE PARTNERS, LLC
TOWER SQUARE SECURITIES,
INC.
TOWERS WATSON CAPITAL
MARKETS INC.
TOYOTA FINANCIAL SERVICES
SECURITIES USA
CORPORATION
TPG CAPITAL BD, LLC
TRADE INFORMATICS LLC
TRADEBOT SYSTEMS, INC.
TRADELINK L.L.C.
TRADELINK SECURITIES, LLC
TRADESTATION SECURITIES,
INC.
TRADEWEB DIRECT LLC
TRADEWEB L.L.C
TRADITION SECURITIES AND
DERIVATIVES LLC
TRANSAMERICA FINANCIAL
ADVISORS, INC
TRANSAMERICA INVESTORS
SECURITIES CORPORATION
TRANSMARKET GROUP L.L.C.
TRC MARKETS LLC
TRIAD ADVISORS LLC
TRIPLETREE, LLC
TRUIST SECURITIES, INC.
TRUMID FINANCIAL LLC

TUDOR PICKERING HOLT &
CO ADVISORS LP
TUDOR, PICKERING, HOLT &
CO. SECURITIES, LLC
TWEEDY, BROWNE
COMPANY LLC
TWO RIVERS TRADING
GROUP LLC
TWO SIGMA SECURITIES, LLC
U.S. BANCORP
INVESTMENTS, INC.
UBS FINANCIAL SERVICES
INCORPORATED OF PUERTO
RICO
UBS SECURITIES LLC
UMB FINANCIAL SERVICES,
INC.
UNICREDIT CAPITAL
MARKETS LLC
UNIONBANC INVESTMENT
SERVICES, LLC
UNITED BROKERAGE
SERVICES, INC
UNITED CAPITAL MARKETS,
INC.
UNITED PLANNERS'
FINANCIAL SERVICES OF
AMERICA A LIMITED
PARTNER
US TIGER SECURITIES, INC.
USAA FINANCIAL ADVISORS,
INC.
USAA INVESTMENT SERVICES
COMPANY
UVEST FINANCIAL SERVICES
GROUP, INC.
VALIC FINANCIAL ADVISORS,
INC.
VALLEY FORGE ASSET
MANAGEMENT, LLC
VAN ECK SECURITIES
CORPORATION
VANGUARD MARKETING
CORPORATION

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VAQUERO CAPITAL LLC	WELLS FARGO
VELOCITY CAPITAL, LLC	INSTITUTIONAL SECURITIES,
VELOCITY CLEARING, LLC	LLC
VIEWTRADE SECURITIES, INC.	WELLS FARGO PRIME
VINING-SPARKS IBG, LLC	SERVICES, LLC
VIRTU AMERICAS LLC	WELLS FARGO SECURITIES,
VIRTU FINANCIAL BD LLC	LLC
VIRTU FINANCIAL CAPITAL	WESTMINSTER RESEARCH
MARKETS LLC	ASSOCIATES LLC
VIRTU ITG LLC	WESTPAC CAPITAL MARKETS
VIRTUS CAPITAL MARKETS	LLC
LLC	WILLIAM BLAIR & COMPANY
VISION FINANCIAL MARKETS	L.L.C.
LLC	WILLIAMS TRADING LLC
VISTA POINT ADVISORS, LLC	WILMINGTON BROKERAGE
VOLANT LIQUIDITY, LLC	SERVICES COMPANY
VOYA FINANCIAL ADVISORS,	WILSON-DAVIS & CO., INC.
INC.	WINTRUST INVESTMENTS
VOYA FINANCIAL PARTNERS,	LLC
LLC	WOLVERINE EXECUTION
VOYA INVESTMENTS	SERVICES, LLC
DISTRIBUTOR, LLC	WOLVERINE SECURITIES, LLC
VOYA RETIREMENT	WOLVERINE TRADING, LLC
ADVISORS, LLC	WOODBURY FINANCIAL
VP DISTRIBUTORS LLC	SERVICES, INC.
VRA PARTNERS, LLC	WOODROCK SECURITIES, L.P.
VTB CAPITAL INC.	WORLD GROUP SECURITIES,
WACHTEL & CO., INC.	INC.
WADDELL & REED, INC.	WR SECURITIES, LLC
WAKE USA LLC	WSA FIXED INCOME, LLC
WALL STREET ACCESS	X-CHANGE FINANCIAL
WALLACHBETH CAPITAL LLC	ACCESS, LLC
WALLEYE TRADING LLC	XAMBALA CAPITAL, LLC
WALNUT STREET SECURITIES,	XMS CAPITAL PARTNERS, LLC
INC.	XR SECURITIES LLC
WEALTHFRONT BROKERAGE	XTX EXECUTION SERVICES
LLC	LLC
WEDBUSH SECURITIES INC.	XTX MARKETS LLC
WEEDEN & CO.L.P.	ZEBED SECURITIES, LLC
WELLINGTON SHIELDS & CO.,	ZELMAN PARTNERS, LLC
LLC	ZEUS FINANCIAL, LLC
WELLS FARGO ADVISORS	ZIONS DIRECT, INC.
FINANCIAL NETWORK, LLC	ZIV INVESTMENT COMPANY