

1666 K Street NW Washington, DC 20006 Office: (202) 207-9100 www.pcaobus.org

## 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 May 1, 2024

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 May 1, 2024.<sup>1/</sup>

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 <u>confirm@pcaobus.org</u>.

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).

<sup>&</sup>lt;sup>1</sup>/ 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).

2021 CAPITAL, LLC **280 SECURITIES LLC 303 EQUITY TRADING GROUP** II, LLC A. R. SCHMEIDLER & CO., INC. A.B. FINANCIAL L.L.C. A.G.P. / ALLIANCE GLOBAL PARTNERS, LLC AARDVARK SECURITIES LLC ABBEY NATIONAL SECURITIES INC. ABEL NOSER, LLC. ABEL/NOSER CORP. ABG SUNDAL COLLIER INC. ABN AMRO CLEARING USA LLC ABN AMRO SECURITIES (USA) LLC ABSA SECURITIES U.S. INC. ACADEMY SECURITIES, INC. ACCESS SECURITIES, LLC ACORNS SECURITIES, LLC ADP BROKER-DEALER, INC. ADVISORS ASSET MANAGEMENT, INC. AEGIS CAPITAL CORP. AERIS PARTNERS LLC AIG CAPITAL SERVICES, INC. AIG FINANCIAL SECURITIES CORP. AK CAPITAL LLC **AKUNA SECURITIES LLC** ALADDIN CAPITAL LLC ALANTRA, LLC ALLEN & COMPANY LLC **ALLIANCEBERNSTEIN** INVESTMENTS, INC. ALLIANZ LIFE FINANCIAL SERVICES, LLC ALLSPRING FUNDS DISTRIBUTOR, LLC

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ALLSTATE FINANCIAL SERVICES, LLC ALLSTON TRADING LLC ALLY INVEST SECURITIES LLC ALLY SECURITIES LLC ALPACA SECURITIES LLC ALPINE SECURITIES CORPORATION ALTERNA SECURITIES, INC. ALTRUIST FINANCIAL LLC ALVAREZ & MARSAL SECURITIES, LLC AMERANT INVESTMENTS, INC. AMERICA'S GROWTH CAPITAL, LLC AMERICAN CENTURY INVESTMENT SERVICES, INC. AMERICAN ENTERPRISE INVESTMENT SERVICES INC. AMERICAN FUNDS DISTRIBUTORS, INC. AMERICAN PORTFOLIOS FINANCIAL SERVICES, INC. AMERIPRISE FINANCIAL SERVICES, LLC AMERITAS INVESTMENT COMPANY, LLC AMERIVET SECURITIES, INC. AMHERST SECURITIES GROUP, L.P. AMS DERIVATIVES B.V. AMUNDI DISTRIBUTOR US, INC. AMUNI FINANCIAL, INC. ANGEL ISLAND CAPITAL SERVICES, LLC ANZ SECURITIES, INC. AON SECURITIES LLC APERTURE, LLC APEX CLEARING CORPORATION

APOLLO GLOBAL SECURITIES, LLC APTO PARTNERS, LLC AQR INVESTMENTS, LLC AQUILO PARTNERS, L.P. **ARBOR RESEARCH &** TRADING, LLC ARCA CAPITAL INVESTMENTS, INC. ARCHIPELAGO SECURITIES L.L.C. ARCHIPELAGO TRADING SERVICES, INC. ARCOLA SECURITIES, INC. ARDEA PARTNERS LP ARIEL DISTRIBUTORS, LLC ARTIST CAPITAL LLC ARVEST INVESTMENTS, INC. ARXIS SECURITIES LLC ASCENSUS BROKER DEALER SERVICES, LLC ASHMORE INVESTMENT MANAGEMENT (US) CORPORATION ASL CAPITAL MARKETS INC. ASPEN TRADING, L.L.C ASSOCIATED INVESTMENT SERVICES, INC. ASSOCIATED OPTIONS, INC. ATHENE SECURITIES, LLC ATLANTIC - PACIFIC CAPITAL, INC. ATLAS ONE FINANCIAL GROUP, LLC ATLAS TECHNOLOGY GROUP LLC ATM EXECUTION LLC **AUERBACH GRAYSON &** COMPANY LLC AURIGA USA, LLC AUTOMATED TRADING DESK BROKERAGE SERVICES, LLC

AUTONOMOUS RESEARCH LLP AVANTAX INVESTMENT SERVICES, INC. AVATAR CAPITAL GROUP LLC AVATAR SECURITIES, LLC AVM, L.P. AXIO FINANCIAL LLC AXOS CLEARING LLC **B. C. ZIEGLER AND COMPANY B. RILEY SECURITIES, INC. B. RILEY WEALTH** MANAGEMENT, INC. BAADER HELVEA INC. BAKER TILLY CAPITAL, LLC BALANCE SHEET SOLUTIONS LLC BANC OF AMERICA SPECIALIST, INC. **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. **BC PARTNERS SECURITIES LLC BCP SECURITIES, INC.** BCS AMERICAS, INC. **BDT & MSD PARTNERS, LLC** 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. BERENBERG CAPITAL MARKETS LLC **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. BLACKARCH SECURITIES LLC **BLACKROCK CAPITAL** MARKETS, LLC **BLACKROCK EXECUTION** SERVICES **BLACKROCK FUND** DISTRIBUTION COMPANY BLACKROCK INVESTMENTS, LLC **BLACKSTONE SECURITIES** PARTNERS L.P. BLAYLOCK VAN, LLC BLOOMBERG TRADEBOOK 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** SECURITIES LTD. 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 PRIME, 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 BRASIL PLURAL SECURITIES** LLC **BRAVER STERN SECURITIES** LLC **BREAN CAPITAL, LLC** BREX TREASURY LLC BRICKELL GLOBAL MARKETS, INC. **BRIGHT TRADING, LLC** 

**BROADHAVEN SECURITIES** LLC **BROADRIDGE BUSINESS** PROCESS OUTSOURCING, LLC **BROKERTEC AMERICAS LLC BROOKFIELD OAKTREE** WEALTH SOLUTIONS 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** BUILDER ADVISOR GROUP, 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 CALVERT INVESTMENT DISTRIBUTORS, INC. CAMBRIDGE INTERNATIONAL SECURITIES, INC. CAMBRIDGE INVESTMENT RESEARCH, INC. CAMPBELL LUTYENS & CO. INC. CANACCORD GENUITY LLC

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 CARNEGIE, INC. CARTA CAPITAL MARKETS, LLC CARTY & COMPANY, INC. CASCADIA CAPITAL, LLC CASGRAIN & COMPANY (USA) LIMITED CASTLEOAK SECURITIES, LP CBRE CAPITAL ADVISORS, INC. CC CAPITAL ADVISORS, INC. **CCB INTERNATIONAL** OVERSEAS (USA) INC. CCS TRANSACTIONS, LLC 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 CHAMPLAIN ADVISORS, 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 CHINA RENAISSANCE SECURITIES (US) INC. CHOPPER SECURITIES, LLC CIBC WORLD MARKETS CORP. CICC US SECURITIES, INC. CIMB SECURITIES (USA), INC. CIT CAPITAL SECURITIES LLC CITADEL CLEARING LLC CITADEL SECURITIES INSTITUTIONAL LLC CITADEL 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 JMP SECURITIES, LLC 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. COBRA TRADING, 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 COLLIERS 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 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 CREDICORP CAPITAL LLC CREDIT AGRICOLE CHEUVREUX NORTH AMERICA, INC. CREDIT AGRICOLE SECURITIES (USA) INC. CREDIT SUISSE CAPITAL LLC **CREDIT SUISSE PRIME** SECURITIES SERVICES (USA) LLC **CREDIT SUISSE PRIVATE** ADVISORS AG **CREDIT SUISSE SECURITIES** (USA) LLC CREWS & ASSOCIATES, INC. CRITICAL TRADING, LLC CRITICALPOINT PARTNERS LLC CROWELL, WEEDON & CO. CRT CAPITAL GROUP LLC CSCA CAPITAL ADVISORS, 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. CVC FUNDING, LLC 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.

**DEUTSCHE BANK SECURITIES** INC. DEVELOPMENT CORPORATION FOR ISRAEL **DIFFUSION MARKETS, L.L.C. DIGITAL BROKERAGE** SERVICES LLC DIMENSION TRADING GROUP, LLC **DINOSAUR FINANCIAL** GROUP, L.L.C 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 INSTITUTIONAL LLC DRIVEWEALTH, LLC DRW EXECUTION SERVICES, LLC DRW SECURITIES, L.L.C. DUNDEE SECURITIES INC. DV EQUITIES, LLC DV SECURITIES, LLC DVB CAPITAL MARKETS LLC DWS DISTRIBUTORS, INC. DZ FINANCIAL MARKETS LLC E\*TRADE CLEARING LLC **E\*TRADE SECURITIES LLC** E.J. DE LA ROSA & CO., INC. EARLYBIRDCAPITAL, INC. EASTDIL SECURED ADVISORS LLC EATON PARTNERS, LLC EATON VANCE DISTRIBUTORS, INC. EBX LLC ECHOTRADE LLC

EDGEMONT CAPITAL PARTNERS, L.P. EDWARD D. JONES & CO., L.P. EFG CAPITAL INTERNATIONAL CORP. EG MARKET TECHNOLOGIES LLC ELECTRONIC TRANSACTION CLEARING, INC. ELEQUIN SECURITIES LLC ELEVATION, LLC EMBED CLEARING LLC EMMET & CO, INC. EMPIRICAL RESEARCH PARTNERS LLC **EMPOWER FINANCIAL** SERVICES, INC. **EPOCH SECURITIES, INC.** EQUATEX US INC EQUILEND LLC EQUITABLE ADVISORS, LLC EQUITABLE DISTRIBUTORS, LLC 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** FHN FINANCIAL SECURITIES CORP. 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 COMMAND BROKERAGE SERVICES, INC. FIRST DERIVATIVE TRADERS, L.P. FIRST EMPIRE SECURITIES, INC. FIRST HORIZON ADVISORS, INC. FIRST MANHATTAN SECURITIES LLC FIRST NATIONAL CAPITAL MARKETS, INC. 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 FLAGSTAR ADVISORS INC 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 FORGE SECURITIES LLC FOX RIVER EXECUTION TECHNOLOGY, LLC FRANKLIN DISTRIBUTORS, 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. FTI CAPITAL ADVISORS, LLC FTP SECURITIES LLC 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 GALAXY DIGITAL PARTNERS LLC GALLAGHER SECURITIES, INC GARGOYLE STRATEGIC INVESTMENTS L.L.C. **GBM INTERNATIONAL, INC. GBS RETIREMENT SERVICES,** INC. 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.

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 PACIFIC SECURITIES** GREAT POINT CAPITAL LLC GREEN PIER FINTECH LLC GREEN STREET ADVISORS, LLC **GREENHILL & CO., LLC** GREENSLEDGE CAPITAL MARKETS LLC **GRIFFIN CAPITAL SECURITIES,** 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 INVESTOR SERVICES, 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 HARDCASTLE TRADING USA L.L.C. HARRIS WILLIAMS LLC HARTFORD FUNDS DISTRIBUTORS, LLC HAYWOOD SECURITIES (USA) INC. HBK GLOBAL SECURITIES L.P. HEALTHCARE COMMUNITY SECURITIES CORP. HEFREN-TILLOTSON, INC. **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** HOWDEN TIGER CAPITAL MARKETS & ADVISORY, LLC HRT EXECUTION SERVICES LLC HRT FINANCIAL LP HSBC SECURITIES (USA) INC. HUATAI SECURITIES (USA), INC. HUB INTERNATIONAL INVESTMENT SERVICES 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 ICR CAPITAL LLC IDB CAPITAL CORP. IEX SERVICES LLC IFC HOLDINGS, INC. IMA WEALTH, INC. IMC EXECUTION SERVICES LLC IMC-CHICAGO, LLC IMPERIAL CAPITAL, LLC INCENTER SECURITIES GROUP LLC **INCENTRUM SECURITIES, LLC** INDEPENDENT FINANCIAL 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 INTELLIGENT CROSS LLC INTERACTIVE BROKERS CORP. INTERACTIVE BROKERS LLC INTERCOASTAL CAPITAL MARKETS, INC. **INTERNATIONAL STRATEGY &** INVESTMENT GROUP LLC INTESA SANPAOLO IMI SECURITIES CORP. INTL FILLMORE ADVISORS LLC INTREPID INVESTMENT **BANKERS LLC** INTREPID PARTNERS, LLC INVEMED ASSOCIATES LLC INVESCO CAPITAL MARKETS, INC. INVESCO DISTRIBUTORS, INC. 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.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 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. JUMP EXECUTION, LLC JUMP TRADING, LLC JVB FINANCIAL GROUP, LLC JWTT INC. **KBC SECURITIES USA LLC KBFG SECURITIES AMERICA** INC. KEEFE, BRUYETTE & WOODS, INC. KEPLER CAPITAL MARKETS, INC. **KESTRA INVESTMENT** SERVICES, LLC **KEY INVESTMENT SERVICES** LLC **KEYBANC CAPITAL MARKETS** INC. **KEZAR TRADING, LLC** 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 **KROLL SECURITIES 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 FRERES & CO. LLC LAZARD MIDDLE MARKET LLC LEERINK PARTNERS LLC LEK SECURITIES CORPORATION LEONIS SECURITIES, LLC LFT SECURITIES, 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. LIQUIDNET, INC. LIQUIDPOINT, LLC LLOYDS SECURITIES INC. LOEB PARTNERS CORPORATION LOMBARD ODIER TRANSATLANTIC LIMITED LOOP CAPITAL MARKETS LLC LORD ABBETT DISTRIBUTOR LLC LPL FINANCIAL LLC LUMA SECURITIES LLC LUMENT SECURITIES. LLC LUPO SECURITIES, LLC

M&I FINANCIAL ADVISORS, INC. **M&T SECURITIES, INC.** M1 FINANCE LLC M3 INVESTMENT GROUP LLC MACQUARIE CAPITAL (USA) INC. MACQUARIE CAPITAL MARKETS NORTH AMERICA LTD. MACRO RISK ADVISORS LLC MAN INVESTMENTS INC. MAPLE SECURITIES U.S.A. INC. MARATHON CAPITAL MARKETS, LLC MAREX CAPITAL MARKETS INC. MARIVA CAPITAL MARKETS, LLC MARKETAXESS CORPORATION MARKS BAUGHAN SECURITIES LLC MARSHBERRY CAPITAL, LLC. MATRIX EXECUTIONS, LLC MATTHEWS SOUTH, LLC MAVEN GLOBAL MARKETS TRADING LLP MAXIM GROUP LLC MBS CAPITAL MARKETS, LLC MBX CLEARING 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. MICROVENTURE MARKETPLACE 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** CANADA INC. 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 MONTEC SECURITIES LLC 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. MTG, LLC MTS SECURITIES, LLC MUFG AMERICAS CORPORATE ADVISORY, INC. MUFG SECURITIES AMERICAS INC. MULTI-BANK SECURITIES, INC. MURIEL SIEBERT & CO., 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 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 **NETWORK 1 FINANCIAL** SECURITIES INC. NEUBERGER BERMAN BD LLC NEUBERGER BERMAN MANAGEMENT LLC **NEW ENGLAND SECURITIES** CORPORATION 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 NORDEA SECURITIES LLC NORTH BRIDGE CAPITAL, LLC 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 **ONEAMERICA SECURITIES,** INC. ONPEAK CAPITAL LLC **OPEN TO THE PUBLIC** INVESTING, INC. **OPENDOOR SECURITIES LLC OPPENHEIMER & CO. INC.** 

**OPPENHEIMERFUNDS** DISTRIBUTOR, INC. **OPTIONSHOUSE, LLC** OPTIONSXPRESS, INC. OPTIVER US LLC **ORIENTAL FINANCIAL** SERVICES LLC OSAIC WEALTH, INC. **OSCAR GRUSS & SON INCORPORATED** OTA LLC OTC LINK LLC P.J. ROBB VARIABLE, LLC PACIFIC CREST SECURITIES LLC PACIFIC SELECT DISTRIBUTORS, LLC PALAFOX TRADING LLC PARADIGM EQUITIES, INC. PARETO SECURITIES INC. PARIS SECURITIES CORPORATION PARK AVENUE SECURITIES LLC 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. PEOPLE'S SECURITIES. INC. PERELLA WEINBERG PARTNERS LP

PERFORMANCE TRUST CAPITAL PARTNERS, LLC PERSHING ADVISOR SOLUTIONS LLC PERSHING LLC PFM FUND DISTRIBUTORS, INC. PFS INVESTMENTS INC. PGM GLOBAL INC. PHILLIP CAPITAL INC. PHOENIX DERIVATIVES GROUP, LLC PHX FINANCIAL, INC. PICTET OVERSEAS INC. PIMCO INVESTMENTS LLC PIPELINE TRADING SYSTEMS LLC PIPER SANDLER & CO. PJT PARTNERS LP PLANMEMBER SECURITIES CORPORATION PMA SECURITIES, LLC PNC CAPITAL MARKETS LLC PNC INVESTMENTS LLC POPULAR SECURITIES, LLC PORTIGON SECURITIES INC. POTAMUS TRADING, LLC PRAGMA LLC PRECISION SECURITIES, LLC PREFERRED CAPITAL SECURITIES. LLC PRICEWATERHOUSECOOOPE **RS CORPORATE FINANCE LLC** PRIME CAPITAL MARKETS, 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. SEELAUS & CO., 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 REDBURN (USA) LLC REDI GLOBAL TECHNOLOGIES LLC **REGAL SECURITIES, INC. REGIONS SECURITIES LLC RELATED FINANCIAL** SERVICES, LLC **RENCAP SECURITIES, INC. REPUBLIC PARTNERS, LLC RESOLUTE INVESTMENT** DISTRIBUTORS, INC. **REUTERS TRANSACTION** SERVICES LLC **RGM SECURITIES, LLC** RIVERSOURCE DISTRIBUTORS, INC. **RIVERSTONE CAPITAL** SERVICES LLC ROBERT W. BAIRD & CO. **INCORPORATED** ROBINHOOD FINANCIAL, LLC **ROBINHOOD SECURITIES, LLC** 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. **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 SAMCO CAPITAL MARKETS, INC. 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 SANTANDER US CAPITAL MARKETS LLC SAYBRUS EQUITY SERVICES, INC SBERBANK CIB USA, INC SCOTIA CAPITAL (USA) INC. SCOTT & STRINGFELLOW, LLC SCOTTRADE, INC. SCOUT TRADING, LLC SEA OTTER SECURITIES **GROUP LLC** SEAPORT GLOBAL SECURITIES LLC SEAPORT SECURITIES CORP. SEARLE & CO.

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. SETTER CAPITAL INC. SEVEN POINTS CAPITAL, LLC SG AMERICAS SECURITIES, LLC SHAY FINANCIAL SERVICES, INC. SHEA & COMPANY, LLC SHEARMAN, RALSTON INC. SHELBY CULLOM DAVIS & CO., L.P. SIEBERT WILLIAMS SHANK & CO., LLC SIERRA PACIFIC SECURITIES, LLC SIG BROKERAGE, LP SIGMA FINANCIAL CORPORATION SIGNAL HILL CAPITAL GROUP LLC SIGNATOR INVESTORS, INC. 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. SOFI SECURITIES LLC SOLEBURY CAPITAL LLC SOLOMON PARTNERS SECURITIES, LLC SOUTH STREET SECURITIES LLC SOUTHSTATE | DUNCANWILLI AMS SECURITIES CORP. SPARTAN CAPITAL 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. STASH CAPITAL LLC 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. STEWARD PARTNERS INVESTMENT SOLUTIONS, LLC **STIFEL, NICOLAUS &** COMPANY, INCORPORATED STOCKCROSS FINANCIAL SERVICES, INC. **STOEVER, GLASS & COMPANY** INC. **STONE & YOUNGBERG LLC** STONEPEAK SECURITIES LLC STONEX FINANCIAL INC. STORMHARBOUR SECURITIES LP STOUT CAPITAL, LLC STRATEGAS SECURITIES, LLC STUART FRANKEL & CO., **INCORPORATED** STUDENT OPTIONS, LLC SUMMIT BROKERAGE SERVICES, INC. SUMO CAPITAL, LLC 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, A NON-BANK AFFILIATE OF SILICON VALLEY BANK SWBC INVESTMENT SERVICES, LLC SWEDBANK SECURITIES US, LLC SWENEY CARTWRIGHT & COMPANY

SWISS RE CAPITAL MARKETS CORPORATION SYCAMORE FINANCIAL GROUP SYNOVUS SECURITIES, INC. SYSTEMATIZED BENEFITS ADMINISTRATORS, INC. T. ROWE PRICE INVESTMENT SERVICES, INC. T.R. WINSTON & COMPANY, LLC T3 TRADING GROUP, LLC TALCOTT RESOLUTION DISTRIBUTION COMPANY, INC. TASTYTRADE, INC. TCBI SECURITIES, INC. TCG CAPITAL MARKETS L.L.C. TD AMERITRADE CLEARING, INC. TD AMERITRADE, INC. TD PRIME SERVICES LLC TD PRIVATE CLIENT WEALTH LLC TD SECURITIES (USA) LLC **TD SECURITIES AUTOMATED** TRADING LLC **TEACHERS PERSONAL** INVESTORS SERVICES, INC. **TELEMETRY SECURITIES,** L.L.C. **TELSEY ADVISORY GROUP** LLC TFS DERIVATIVES LLC THE BAKER GROUP, LP THE BANK STREET GROUP L.L.C. 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. THINKEQUITY LLC THOMA BRAVO CAPITAL MARKETS, LLC THOMAS WEISEL PARTNERS LLC THREE BROTHERS TRADING, 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 TM CAPITAL CORP. 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 TP ICAP GLOBAL MARKETS AMERICAS LLC

TPG CAPITAL BD, LLC TRADE INFORMATICS LLC TRADE-PMR INC. TRADEBOT SYSTEMS, INC. TRADELINK L.L.C. TRADELINK SECURITIES, LLC TRADESTATION SECURITIES, INC. TRADEUP SECURITIES, INC. TRADEWEB DIRECT LLC **TRADEWEB L.L.C** TRADITION SECURITIES AND DERIVATIVES LLC TRANSAMERICA CAPITAL, INC. TRANSAMERICA FINANCIAL ADVISORS, INC TRANSAMERICA INVESTORS SECURITIES CORPORATION TRANSMARKET GROUP L.L.C. TRC MARKETS LLC TRIAD ADVISORS LLC TRIBAL CAPITAL MARKETS, LLC TRIPLETREE, LLC TRUIST INVESTMENT SERVICES, INC. TRUIST SECURITIES, INC. TRUMID FINANCIAL LLC **TUDOR PICKERING HOLT &** CO ADVISORS LP TUDOR, PICKERING, HOLT & CO. SECURITIES, LLC TULLETT PREBON FINANCIAL SERVICES LLC TWEEDY, BROWNE COMPANY LLC TWO RIVERS TRADING **GROUP LLC** TWO SIGMA SECURITIES, LLC U.S. BANCORP INVESTMENTS. INC. **UBS ASSET MANAGEMENT** (US) INC.

**UBS FINANCIAL SERVICES** 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 UNIVEST SECURITIES, LLC US TIGER SECURITIES, INC. USAA FINANCIAL ADVISORS, INC. USAA INVESTMENT SERVICES COMPANY UVEST FINANCIAL SERVICES GROUP, INC. VALIC FINANCIAL ADVISORS, INC. VALLEY FINANCIAL MANAGEMENT, INC. VALLEY FORGE ASSET MANAGEMENT, LLC VAN ECK SECURITIES CORPORATION VAN LANSCHOT KEMPEN (USA) INC. VANAHEIM SECURITIES, LLC VANGUARD MARKETING CORPORATION VAQUERO CAPITAL LLC VECTORGLOBAL WMG, INC. VELOCITY CAPITAL, LLC

VELOCITY CLEARING, LLC VELOX CLEARING LLC VIEWTRADE SECURITIES, INC. VINING-SPARKS IBG, LLC VIRTU AMERICAS LLC VIRTU FINANCIAL BD LLC VIRTU FINANCIAL CAPITAL MARKETS LLC VIRTU ITG LLC VIRTUS CAPITAL MARKETS LLC VISION FINANCIAL MARKETS LLC VISTA POINT ADVISORS, LLC VOLANT LIQUIDITY, LLC VOYA FINANCIAL ADVISORS, INC. VOYA FINANCIAL PARTNERS, LLC VOYA INVESTMENTS DISTRIBUTOR, LLC VOYA RETIREMENT ADVISORS, LLC VP DISTRIBUTORS LLC VRA PARTNERS, LLC WACHTEL & CO., INC. WADDELL & REED, INC. WAKE USA LLC WALL STREET ACCESS WALLACHBETH CAPITAL LLC WALLEYE TRADING LLC WALNUT STREET SECURITIES, INC. WEALTHFRONT BROKERAGE LLC WEBULL FINANCIAL LLC WEDBUSH SECURITIES INC. WEEDEN & CO.L.P. WELLINGTON SHIELDS & CO., LLC WELLS FARGO ADVISORS FINANCIAL NETWORK. LLC WELLS FARGO CLEARING SERVICES, LLC

WELLS FARGO INSTITUTIONAL SECURITIES, LLC WELLS FARGO PRIME SERVICES, LLC WELLS FARGO SECURITIES, LLC WESTMINSTER RESEARCH ASSOCIATES LLC WESTPAC CAPITAL MARKETS LLC WILLIAM BLAIR & COMPANY L.L.C. WILLIAMS TRADING LLC WILMINGTON BROKERAGE SERVICES COMPANY WILSON-DAVIS & CO., INC. WINTRUST INVESTMENTS LLC WOLVERINE EXECUTION SERVICES, LLC WOLVERINE SECURITIES, LLC WOLVERINE TRADING, LLC WOODBURY FINANCIAL SERVICES, INC. WOODROCK SECURITIES, L.P. WORLD GROUP SECURITIES, INC. WR SECURITIES, LLC WSA FIXED INCOME, LLC X-CHANGE FINANCIAL ACCESS, LLC XAMBALA CAPITAL, LLC XMS CAPITAL PARTNERS, LLC XP INVESTMENTS US, LLC XR SECURITIES LLC **XTELLUS CAPITAL PARTNERS,** INC. **XTX EXECUTION SERVICES** LLC **XTX MARKETS LLC** ZEBED SECURITIES. LLC ZELMAN PARTNERS, LLC ZEUS FINANCIAL, LLC

ZIONS DIRECT, INC. ZIV INVESTMENT COMPANY