



**ACT**  
Government

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Chief Minister, Treasury and  
Economic Development

# Australian Capital Territory Listed Company Shareholdings as at 31 March 2020

**Publication Date:** April 2020

**Email:** [alm@act.gov.au](mailto:alm@act.gov.au)

3I GROUP ORD  
3M CO COM  
5TH 3RD BANCORP COM  
A.P. MOLLER-MAERSK  
A2 MILK CO LTD  
ABACUS PROPERTY GR  
ABB LTD  
ABBOTT LAB COM  
ABBVIE INC COM  
ABC-MART INC  
ABIOMED INC COM  
ABN AMRO BANK N.V. DR EACH REP SHS  
ACCENT GROUP LTD COMMON STOCK  
ACCENTURE PLC SHS CL A NEW  
ACCOR  
ACOM CO  
ACS ACTIVIDADES CO  
ACTIVISION BLIZZARD INC COM  
ACUITY BRANDS INC COM  
ADECCO GROUP AG  
ADELAIDE BRIGHTON  
ADIDAS AG  
ADMIRAL GROUP ORD  
ADOBE SYS INC COM  
ADR BEIGENE LTD SPONSORED ADR  
ADR TEVA PHARMACEUTICAL INDS  
ADVANCE AUTO PTS INC COM  
ADVANCED MICRO DEVICES INC COM  
ADVANTEST CORP  
ADYEN NV  
AEGON NV COM  
AENA SME S.A.  
AEON CO LTD  
AEON MALL CO LTD  
AERCAP HOLDINGS N.V.  
AEROPORTS DE PARIS  
AFLAC INC COM  
AFTERPAY LIMITED  
AGC INC  
AGEAS  
AGILENT TECHNOLOGIES INC COM  
AGNC INVT CORP COM  
AGNICO EAGLE MINES LTD COM  
AIA GROUP LTD  
AIB GROUP PLC ORD  
AIR CANADA VAR VTG SHS  
AIR LIQUIDE PRIME FIDELITE 2022  
AIR LIQUIDE(L')  
AIR PROD & CHEM INC COM  
AIR WATER INC  
AIRBUS SE  
AISIN SEIKI CO  
AJINOMOTO CO INC  
AKAMAI TECHNOLOGIES INC COM  
AKER BP ASA  
AKZO NOBEL  
ALBEMARLE CORP COM  
ALCON INC  
ALEXANDRIA REAL ESTATE EQUITIES INC COM  
ALEXION PHARMACEUTICALS INC COM  
ALFA LAVAL AB  
ALFRESA HOLDINGS  
ALGONQUIN PWR&UTIL COM  
ALIGN TECHNOLOGY INC COM  
ALIMENTATION COUCH CLASS'B'S/VTG COM  
ALLEGHANY CORP DEL COM  
ALLEGION PLC COMMON STOCK  
ALLERGAN PLC. COM  
ALLIANCE DATA SYS CORP COM  
ALLIANZ SE (REGD)(VINKULIERT)  
ALLSTATE CORP COM  
ALLY FINL INC COM  
ALNYLAM PHARMACEUTICALS INC COM  
ALPHABET INC CAP  
ALPHABET INC CAPITAL STOCK  
ALPS ALPINE CO LTD  
ALS LIMITED  
ALSTOM  
ALTAGAS INCOME LTD COMMON STOCK  
ALTICE EUROPE  
ALTICE USA INC  
ALTIVUM

ALUMINA LTD  
AMA GROUP LIMITED  
AMADA CO LTD  
AMADEUS IT GROUP  
AMAZON COM INC COM  
AMCOR PLC ORD  
AMER FINL GROUP INC OH COM  
AMERCO COM  
AMERICAN EXPRESS CO  
AMERICAN INTERNATIONAL GROUP INC COM  
AMERICAN TOWER CORP  
AMERICAN WTR WKS CO INC NEW COM  
AMERIPRISE FINL INC COM  
AMERISOURCEBERGEN CORP COM  
AMETEK INC NEW COM  
AMGEN INC COM  
AMP LIMITED  
AMPHENOL CORP NEW CL A  
AMUNDI  
ANA HOLDINGS INC  
ANALOG DEVICES INC COM  
ANDRITZ AG  
ANHEUSER-BUSCH INB  
ANNALY CAP MGMT INC COM  
ANSELL  
ANSYS INC COM  
ANTHEM INC COM  
ANTOFAGASTA ORD  
AOZORA BANK  
AP EAGERS LTD  
APA GROUP  
APACHE CORP COM  
APPEN LTD  
APPLE INC COM  
APPLIED MATERIALS INC COM  
APTIV PLC COM  
ARAMARK COM  
ARB CORPORATION  
ARCH CAPITAL GROUP COM  
ARCHER-DANIELS-MIDLAND CO COM  
ARCONIC INC COM  
ARDENT LEISURE GRO  
ARISTA NETWORKS INC COM  
ARISTOCRAT LEISURE  
ARKEMA  
AROUNDTOWN SA  
ARROW ELECTR INC COM  
ASAHI GROUP HOLDINGS LTD  
ASAHI INTECC CO LT  
ASAHI KASEI CORP  
ASCENDAS R/EST INV  
ASHTED GROUP ORD  
ASM PACIFIC TECH  
ASML HOLDING NV  
ASSA ABLOY SER'B'  
ASSIC GENERALI SPA  
ASSOCD BRIT FOODS ORD  
ASSURANT INC COM  
ASTELLAS PHARMA  
ASTRAZENECA ORD  
ASX LTD  
AT&T INC COM  
ATCO LTD CLASS I NON-VOTING COM  
ATHENE HOLDING LTD  
ATLAS ARTERIA  
ATLAS COPCO AB SER'A'  
ATLAS COPCO AB SER'B'  
ATMOS ENERGY CORP COM  
ATOS SE  
AUCKLAND INTL  
AURIZON HOLDINGS  
AURORA CANNABIS IN COM  
AUSNET SERVICES  
AUST & NZ BANK GRP  
AUSTAL LIMITED  
AUSTRALIAN AGRIC  
AUSTRALIAN PHARMAC  
AUTO TRADER GROUP ORD  
AUTODESK INC COM  
AUTOLIV INC COM  
AUTOMATIC DATA PROCESSING INC COM  
AUTOZONE INC COM

AVALONBAYCMNTYS  
AVENTUS GROUP UNITS  
AVERY DENNISON CORP COM  
AVEVA GROUP ORD  
AVITA MED LTD AVITA MED LTD  
AVIVA ORD  
AXA  
AXALTA COATING SYSTEMS LTD COM  
AZRIELI GROUP  
BAE SYSTEMS ORD  
BAKER HUGHES CO  
BALL CORP COM  
BALOISE HOLDING AG  
BANCO SANTANDER  
BANDAI NAMCO HOLDINGS INC  
BANK HAPOALIM B.M. ILS1  
BANK NEW YORK MELLON CORP COM  
BANK OF AMERICA CORP  
BANK OF EAST ASIA  
BANK OF IRELAND GR  
BANK OF MONTREAL COM  
BANK OF QUEENSLAND  
BANKIA S.A.  
BANKINTER SA  
BAPCOR LTD  
BARCLAYS PLC ORD  
BARRATT DEVELOPMENTS ORD  
BARRY CALLEBAUT AG  
BASF - ORD SHS COM  
BAUSCH HEALTH COMP COM  
BAXTER INTL INC COM  
BAYERISCHE MOTOREN WERKE A G COM  
BBVA(BILB-VIZ-ARG)  
BCE INC COM  
BCO DE SABADELL  
BCO ESPIRITO SANTO  
BEACH ENERGY LTD  
BECTON DICKINSON & CO COM  
BEGA CHEESE LTD  
BEIERSDORF AG  
BENDIGO AND ADELAIDE BANK LTD  
BENESSE HOLDINGS INC  
BERKLEY GP HOLDINGS  
BERKLEY W R CORP COM  
BEST BUY INCCOM  
BINGO INDUSTRIES L  
BIO RAD LABS INC CL A  
BIOGEN INC COMMON STOCK  
BIOMARIN PHARMACEUTICAL INC COM  
BIOMERIEUX  
BK LEUMI LE ISRAEL  
BK OF KYOTO LTD  
BK OF NOVA SCOTIA COM  
BLACK KNIGHT INC COM  
BLACKBERRY LTD  
BLACKMORES LTD  
BLACKROCK INC COM  
BLACKSTONE GROUP INC  
BLUESCOPE STEEL  
BNP PARIBAS  
BOC HONG KONG HLDG  
BOLIDEN AK  
BOLLORE  
BOMBARDIER INC  
BOOKING HLDGS INC COM  
BOOZ ALLEN HAMILTON HLDG CORP CL A COM  
BORAL LIMITED  
BORG WARNER INC COM  
BOSTON SCIENTIFIC CORP COM  
BOUYGUES  
BRAMBLES LTD  
BRAVURA SOLUTIONS  
BRENNTAG AG  
BREVILLE GROUP LTD  
BRICKWORKS  
BRIDGESTONE CORP  
BRISTOL MYERS SQUIBB CO COM  
BRITISH LAND CO ORD  
BROADCOM INC COM  
BROADRIDGE FINL SOLUTIONS INC COM  
BROOKFIELD ASSET LIMITED VTG SHARES  
BROTHER INDUSTRIES

BROWN & BROWN INC COM  
BROWN-FORMAN INC CL B NON-VTG COM  
BSTN PPTYS INC  
BT GROUP ORD  
BUDWEISER BREWING COM  
BUNGE LTD  
BUNZL PLC ORD  
BURBERRY GROUP ORD  
BUREAU VERITAS  
BURLINGTON STORES INC COM  
BWP TRUST  
BWX LTD  
C H ROBINSON WORLDWIDE INC COM NEW  
CABOT OIL & GAS CORP COM  
CADENCE DESIGN SYS INC COM  
CAE INC COM  
CAIXABANK SA  
CALBEE INC  
CALTEX AUSTRALIA  
CAMDEN PPTY TR SH BEN INT  
CAMPBELL SOUP CO COM  
CANADIAN IMP BANK COM  
CANADIAN PACIFIC R COM  
CANADIAN TIRE LTD  
CANON INC  
CANOPY GROWTH CORP COM  
CAPGEMINI  
CAPITAL ONE FINL CORP COM  
CAPITALAND COMM TR  
CAPITALAND LTD  
CAPITALAND MALL TRUST  
CAPRI HOLDINGS LTD COM  
CARDINAL HLTH INC  
CARL ZEISS MEDITEC  
CARLSBERG SER'B'DKK20  
CARMAX INC COM  
CARREFOUR SA  
CARSALES.COM LTD  
CASINO GUICH-PERR  
CASIO COMPUTER CO  
CATERPILLAR INC COM  
CBOE GLOBAL MARKETS INC  
CBRE GROUP INC  
CCL INDUSTRIES INC COM  
CDK GLOBAL INC COM  
CDN APARTMENT PROP TRUST UNITS  
CDN NATL RAILWAYS COM  
CDN UTILITIES COM  
CDW CORP COM  
CEDAR WOODS PROPS  
CELANESE CORP DEL COM  
CELLNEX TELECOM SA  
CENTENE CORP DEL COM  
CENTERPOINT ENERGY INC COM  
CENTRAL JAPAN RLWY  
CENTRICA ORD  
CENTURIA INDUSTRIA  
CENTURIA OFFICE  
CENTURYLINK INC COM  
CERNER CORP COM  
CGI INC  
CHALLENGER LTD  
CHARTER COMMUNICATIONS INC  
CHARTER HALL GROUP  
CHARTER HALL LONG  
CHARTER HALL RETAIL UNITS  
CHARTER HALL SOCIA  
CHECK PT SOFTWARE TECHNOLOGIES  
CHENIERE ENERGY INC COM NEW  
CHIBA BANK  
CHIPOTLE MEXICAN GRILL INC COM  
CHR. HANSEN HLDG  
CHUBB LTD ORD  
CHUGAI PHARMACY CO. LTD  
CHUGOKU ELECTRIC POWER CO INC  
CHURCH & DWIGHT INC COM  
CI FINANCIAL CORP COM  
CIE DE ST-GOBAIN  
CIGNA CORP NEW COM  
CIMIC GROUP LIMITED  
CIN FNCL CORP COM  
CINTAS CORP COM

CISCO SYSTEMS INC  
CITIGROUP INC COM  
CITIZENS FINL GROUP INC COM  
CITRIX SYS INC COM  
CITY DEVELOPMENTS LTD  
CK ASSET HOLDINGS LTD  
CK HUTCHISON HLDGS  
CLARIANT AG  
CLEANAWAY WASTE MGMT LTD  
CLINUVEL COM  
CLOROX CO COM  
CME GROUP INC COM  
CMS ENERGY CORP COM  
CNH INDUSTRIAL NV COM  
CNP ASSURANCES  
COCA COLA BOTTLERS  
COCA COLA CO COM  
COCA-COLA AMATIL  
COCA-COLA EUROPEAN PARTNERS PLC ORD  
COCA-COLA HBC AG ORD  
COCHLEAR LTD  
COGNEX CORP COM  
COGNIZANT TECH SOLUTIONS CORP  
COLES GROUP LTD  
COLGATE-PALMOLIVE CO COM  
COLLINS FOOD LTD  
COLOPLAST  
COMCAST CORP  
COMERICA INC COM  
COMFORTDELGRO CORP LTD  
COMMERZBANK AG  
COMMONWEALTH BANK OF AUSTRALIA  
COMPASS GROUP ORD  
COMPUTERSHARE LTD  
CONAGRA BRANDS INC COM  
CONCHO RES INC COM  
CONCORDIA FINL GROUP LT  
CONS EDISON INC COM  
CONSTELLATION BRANDS INC  
CONSTELLATION SOFT COM  
CONTINENTAL AG ORD  
CONTINENTAL RES INC COM  
COOPER COS INC COM  
COOPER ENERGY LTD  
COPART INC COM  
CORNING INC COM  
CORONADO GLOBAL RESOURCES  
CORPORATE TRAVEL MANAGEMENT LTD  
CORTEVA INC COM  
COSTA GROUP HOLDINGS LIMITED  
COSTAR GROUP INC COM  
COSTCO WHOLESALE CORP NEW COM  
COTY INC COM  
COVESTRO AG  
COVIVIO  
CREDIT AGRICOLE SA  
CREDIT CORP GROUP  
CREDIT SAISON CO  
CREDIT SUISSE AG  
CRH ORD  
CRODA INTL ORD  
CROMWELL PROP GP  
CRONOS GROUP INC COM  
CROWN CASTLE INTL CORP NEW COM  
CROWN HLDGS INC COM  
CROWN RESORTS LIMITED  
CSL LTD  
CSR LIMITED  
CSX CORP COM  
CUMMINS INC  
CVS HEALTH CORP COM  
CYBERAGENT INC  
CYBER-ARK SOFTWARE LTD COM  
D R HORTON INC COM  
DAI NIPPON PRINTNG  
DAICEL CORPORATION INDS  
DAIFUKU CO LTD  
DAI-ICHI LIFE HOLD  
DAIICHI SANKYO COM  
DAIKIN INDUSTRIES  
DAIMLER AG ORD  
DAIRY FARM INTERNATIONAL HOLDINGS LTD

DAITO TRUST CONST  
DAIWA HOUSE INDS  
DAIWA HOUSE INVESTMENT CO  
DAIWA SECS GROUP INC  
DANAHER CORP COM  
DANONE  
DANSKE BANK  
DARDEN RESTAURANTS INC COM  
DASSAULT AVIATION  
DASSAULT SYSTEMES  
DAVIDE DE CAMPARI  
DAVITA INC COM  
DBS GROUP HLDGS  
DCC ORD  
DEERE & CO COM  
DELIVERY HERO SE  
DELL TECHNOLOGIES INC COM  
DELTA AIR LINES INC DEL COM NEW  
DEMANT A/S  
DENSO CORP  
DENTSPLY SIRONA INC COM  
DENTSU GROUP INC  
DEUTSCHE BANK AG  
DEUTSCHE BOERSE AG  
DEUTSCHE LUFTHANSA ORD  
DEUTSCHE POST AG  
DEUTSCHE TELEKOM  
DEUTSCHE WOHNEN  
DEXCOM INC COM  
DEXUS PROPERTY GROUP  
DIAGEO ORD PLC  
DIAMONDBACK ENERGY INC COM  
DICKER DATA LTD SHS  
DIGITAL RLTY TR INC COM  
DIRECT LINE INSURANCE PLC ORD  
DISCO CORPORATION  
DISCOVER FINL SVCS COM  
DISCOVERY INC  
DISCOVERY INC COM  
DNB ASA  
DOCUSIGN INC COM  
DOLLAR GEN CORP NEW COM  
DOLLAR TREE INC COM  
DOLLARAMA INC COM  
DOMAIN HLDGS AUSTR  
DOMINION ENERGY INC COM  
DOMINOS PIZZA INC COM  
DOVER CORP COM  
DOW INC COM  
DOWNER EDI LTD  
DROPBOX INC  
DSV PANALPINA  
DTE ENERGY CO COM  
DUFRY AG  
DUKE RLTY CORP COM  
DXC TECHNOLOGY CO COM  
E TRADE FINL CORP  
E.ON SE  
EAST JAPAN RAILWAY CO  
EAST WEST BANCORP INC COM  
EASTMAN CHEM CO COM  
EASYJET ORD  
EATON CORP PLC COM  
EATON VANCE CORP COM NON VTG  
EBAY INC COM  
ECOFIBRE LTD  
ECOLAB INC COM  
EDENRED  
EDF  
EDISON INTL COM  
EDWARDS LIFESCIENCES CORP COM  
EIFFAGE  
EISAI CO  
ELANCO ANIMAL HEALTH INC COM  
ELDERS LIMITED  
ELECTR ARTS COM  
ELECTROLUX AB  
ELI LILLY & CO COM  
ELISA OYJ  
EMECO HOLD LIMITED  
EMERSON ELECTRIC CO COM  
EML PAYMENTS LTD

EMPIRE CO COM  
EMS-CHEMIE HLDG AG  
ENAGASSA  
ENBRIDGE INC COM  
ENDESA SA  
ENERGIAS DE PORTUGALSA  
ENTERGY CORP NEW COM  
EPAM SYS INC COM  
EPIROC AB SER'A'  
EPIROC AB SER'B'  
EQTY LIFESTYLE PPTYS INC  
EQTY RESDNTL EFF  
EQUIFAX INC COM  
EQUINIX INC COM  
EQUITABLE HLDGS INC COM  
ERICSSON SER'B'  
ERIE INDTY CO CL A  
ERSTE GROUP BANK AG  
ESSENTIAL UTILS INC COM  
ESSEX PPTY TR  
ESSILORLUXOTTICA  
ESSITY AB  
ESTEE LAUDER COMPANIES INC  
ESTIA HEALTH LTD  
ETABLISSEMENTEN COLRUYT ORDSHR  
EURAZEO SE  
EUROFINS SCIENTIFI  
EUTELSAT COMMUNICA  
EVERSOURCE ENERGY COM  
EVOLUTION MINING  
EVONIK INDUSTRIES  
EXACT SCIENCES CORP COM  
EXELON CORP COM  
EXOR NV  
EXPEDIA GROUP INC COM  
EXPEDITORS INTL WASH INC COM  
EXPERIAN ORD  
EXTRA SPACE STORAGE INC COM  
F5 NETWORKS INC COM  
FACEBOOK INC COM  
FACTSET RESH SYS INC COM  
FAMILYMART CO LTD  
FANUC CORP  
FAST RETAILING CO LTD  
FASTENAL CO COM  
FAURECIA S.E.  
FEDERAL RLTY INVT  
FEDEX CORP COM  
FERGUSON PLC ORD  
FERRARI NV COM  
FERROVIAL SA  
FIAT CHRYSLER AUTOMOBILES  
FIDELITY NATL FINL INC  
FIDELITY NATL INFORMATION SVCS INC COM  
FINECOBANK SPA  
FIRST CAP REAL EST UNIT  
FIRST QUANTUM MINERALS LTD COM  
FIRST REP BK SAN FRANCISCO CALIF NEW COM  
FIRSTENERGY CORP COM  
FISERV INC COM  
FISHER & PAYKEL ORD DEFD DELIVERY  
FLEETCOR TECHNOLOGIES INC COM  
FLETCHER BUILDING  
FLEX LTD COM  
FLEXIGROUP LIMITED  
FLIGHT CENTRE TRAVEL GROUP LTD  
FLIR SYS INC COM  
FLOWSERVE CORP COM  
FLUTTER ENTERTAINMENT PLC  
FMC CORP COM  
FORD MTR CO DEL COM  
FORTESCUE METALS GRP LTD  
FORTINET INC COM  
FORTIS INC COM  
FORTIVE CORP COM  
FORTUM OYJ  
FORTUNE BRANDS HOME & SEC INC COM  
FOX CORP CL A CL A  
FOX CORP CL B CL B  
FRANCO NEVADA CORP COM  
FRAPORT  
FREEDOM FOODS GROUP LIMITED



FRESENIUS MEDICAL CARE  
FRESENIUS SE&KGAA  
FRKLN RES INC COM  
FUCHS PETROLUB SE  
FUJI ELECTRIC HOLINDGS CO  
FUJIFILM HOLDINGS CORP  
FUJITSU  
FUKUOKA FINANCIAL  
G.U.D. HOLDINGS  
G4S PLC ORD 25P  
G8 EDUCATION LTD  
GALAPAGOS NV  
GALAXY ENTERTAINME  
GALAXY RES LTD COM  
GALLAGHER ARTHUR J & CO COM  
GALP ENERGIA SGPS  
GAP INC COM  
GARMIN LTD COMMON STOCK  
GARTNER INC COM  
GDI PROPERTY GROUP  
GEA GROUP AG  
GEBERIT AG  
GECINA  
GENERAL DYNAMICS CORP COM  
GENERAL ELECTRIC CO  
GENERAL MILLS INC COM  
GENMAB AS DKK1  
GENTING SINGAPORE LTD  
GENUINE PARTS CO COM  
GENWORTH MORTGAGE INSURANCE AUS LTD  
GEORGE WESTON COM  
GETLINK SE  
GILDAN ACTIVEWEAR COM  
GILEAD SCIENCES INC  
GIVAUDAN SA  
GJENSIDIGE FORSIKR NOK2  
GLAXOSMITHKLINE ORD  
GLOBAL PMTS INC COM  
GLOBE LIFE INC COM  
GMO PAYMENT GATEWA  
GODADDY INC CL A CL A  
GOLD ROAD RES LTD  
GOLDMAN SACHS GROUP INC COM  
GOODMAN GROUP  
GPE BRUXELLES LAM  
GPT GROUP  
GRAINCORP 'A'  
GRAINGER W INC COM  
GREAT WEST LIFECO COM  
GRIFOLS SA  
GROWTHPOINT PROPER A-  
GRUBHUB INC COM  
GUIDEWIRE SOFTWARE INC COM  
GVC HLDGS PLC ORD  
GWA GROUP LTD  
H&R REAL ESTATE INVT TR  
H. LUNDBECK A/S DKK5  
HAKUHODO DY HLDGS  
HALLIBURTON CO COM  
HALMA ORD  
HAMAMATSU PHOTONIC  
HANESBRANDS INC COM  
HANG LUNG PROPERTIES  
HANG SENG BANK  
HANKYU HANSHIN HOLDINGS INC  
HANNOVER RUECK SE ORD  
HANSEN TECHNOLOGIE  
HARGREAVES LANSDOW ORD  
HARLEY DAVIDSON COM  
HARTFORD FINL SVCS GROUP INC COM  
HARVEY NORMAN HLDG  
HASBRO INC COM  
HCA HEALTHCARE INC COM  
HD SUPPLY HLDGS INC. COM  
HEALIUS LTD  
HEALTHPEAK PROPERTIES INC  
HEICO CORP NEW CL A  
HEINEKEN HOLDING  
HEINEKEN NV  
HENDERSON LAND DEVELOPMENT  
HENKEL AG & CO  
HENNES & MAURITZ SER'B'

HENRY SCHEIN INC COMMON STOCK  
HERMES INTL  
HERSHEY COMPANY COM  
HESS CORP COM  
HEWLETT PACKARD ENTERPRISE CO COM  
HEXAGON AB SER'B'  
HIKARI TSUSHIN INC  
HILTON WORLDWIDE HLDGS INC COM  
HINO MOTORS  
HIROSE ELECTRIC  
HISAMITSU PHARM CO  
HITACHI CHEMICAL  
HITACHI CONSTRUCTION MACHINERY  
HITACHI HIGH-TEC  
HITACHI METALS  
HITACHI  
HKT TRUST  
HOCHTIEF AG  
HOLLYFRONTIER CORP COM  
HOLOGIC INC COM  
HOME DEPOT INC COM  
HONDA MOTOR CO  
HONEYWELL INTL INC COM  
HONG KONG & CHINA GAS  
HONG KONG EXCHANGES & CLEAR  
HONGKONG LAND HLD ORD  
HORMEL FOODS CORP COM  
HOSHIZAKI CORP  
HOST HOTELS & RESORTS INC  
HOYA CORP  
HP INC COM  
HSBC HLDGS ORD  
HT & E LTD  
HUB24 LIMITED  
HULIC COMPANY LTD  
HUMANA INC COM  
HUNT J B TRANS SVCS INC COM  
HUNTINGTON BANCSHARES INC COM  
HUNTINGTON INGALLS INDS INC COM  
HUSKY ENERGY INC COM  
HUSQVARNA AB SER'B'  
HYDRO ONE LTD COM  
IA FINANCIAL CORP COM  
IAC / INTERACTIVE CORP COM  
IBERDROLA SA  
ICA GRUPPEN AB  
ICADE  
ICL-ISRAEL CHEM  
IDEMITSU KOSAN CO  
IDEX CORP COM  
IDEXX LABS INC COM  
IDP EDUCATION LTD  
IGM FINANCIAL INC COM  
IGO LTD  
IHI CORPORATION  
IHS MARKIT LTD COM  
IIDA GROUP LTD  
ILIAD  
ILL TOOL WKS INC COM  
ILLUMINA INC COM  
ILUKA RESOURCES  
IMF BENTHAM LTD  
INCITEC PIVOT  
INCYTE CORP COM  
INDITEX  
INDUSTRIVARDEN AB  
INFIGEN ENERGY LTD  
INFINEON TECHNOLOG ORD  
INFORMA PLC  
ING GROEP  
INGENIA GROUP  
INGENICO GROUP  
INGERSOLL RAND INC COM  
INGHAMS GROUP LTD  
INGREDION INC COM  
INS AUSTRALIA  
INSULET CORP COM  
INTACT FINL CORP COM  
INTEGRATED RESEARC  
INTEL CORP COM  
INTER PIPELINE LTD COM  
INTERCONTINENTAL EXCHANGE INC COM

INTERCONTL HOTELS ORD  
INTERNATIONAL BUSINESS MACHS CORP COM  
INTERPUBLIC GROUP COMPANIES INC COM  
INTERTEK GROUP ORD  
INTESA SANPAOLO  
INTL FLAVORS & FRAGRANCES INC COM  
INTL PAPER CO COM  
INTUIT COM  
INTUITIVE SURGICAL INC COM NEW  
INVESCO LTD COM  
INVESTOR AB SER'B'  
INVITATION HOMES INC COM  
INVOCARE LTD  
IONIS PHARMACEUTICALS INC COM  
IOOF HOLDINGS LTD  
IPG PHOTONICS CORP COM  
IPH LTD  
IPSEN  
IQVIA HLDGS INC COM  
IRESS LIMITED  
IRON MTN INC NEW COM  
ISETAN MITSUKOSHI  
ISRAEL DISCOUNT BK ILS0.10  
ISS A/S DKK1  
ISUZU MOTORS  
ITOCU TECHNO-SOLUTIONS CORPORATION  
ITV ORD  
J FRONT RETAILING  
JACK HENRY & ASSOC INC COM  
JACOBS ENGR GROUP INC COM  
JAMES HARDIE INDUSTRIES PLC  
JAPAN AIRLINES CO  
JAPAN AIRPORT TERMINAL CO.  
JAPAN EXCHANGE GROUP INC  
JAPAN POST BANK CO  
JAPAN POST HOLD CO  
JAPAN POST INSURAN  
JAPAN PRIME REALTY  
JAPAN REAL ESTATE INVESTMENT CO  
JAPAN RETAIL FUND  
JARDINE MATHESON HLDGS  
JAZZ PHARMACEUTICALS PLC COM  
JB HI-FI  
JC DECAUX SA  
JD SPORTS FASHION ORD  
JEFFERIES FINL GROUP INC COM  
JERONIMO MARTINS  
JGC HLDGS CORP  
JOHNSON & JOHNSON COM  
JOHNSON CTLS INTL PLC COM  
JOHNSON MATTHEY  
JONES LANG LASALLE INC COM  
JPMORGAN CHASE & CO COM  
JSR CORP  
JTEKT CORPORATION  
JULIUS BAER GRUPPE  
JUMBO INTERACTIVE  
JUNIPER NETWORKS INC COM  
JUPITER MINES LIMITED  
JUST EAT TAKEAWAY.COM  
JXTG HOLDINGS INC  
KAJIMA CORP  
KAKAKU.COM INC  
KAMIGUMI CO LTD  
KANSAI ELECTRIC POWER CO  
KANSAI PAINT CO  
KAO CORP  
KAWASAKI HEAVY IND  
KBC GROEP NV  
KDDI CORP  
KEIHAN HOLDINGS CO  
KEIKYU CORPORATION  
KEISEI ELEC RY CO  
KELLOGG CO COM  
KEPPEL CORP  
KERING  
KERRY GROUP 'A'ORD  
KERRY PROPERTIES  
KEYCORP NEW COM  
KEYENCE CORP  
KEYERA CORP COM  
KEYSIGHT TECHNOLOGIES INC COM

KIKKOMAN CORP  
 KIMBERLY-CLARK CORP COM  
 KIMCO RLTY CORP COM  
 KINDER MORGAN INC DEL COM  
 KINGFISHER ORD  
 KINGSPAN GROUP ORD  
 KINNEVIK AB SER'B'  
 KINROSS GOLD CORP COM  
 KINTETSU GROUP HOLDINGS CO LTD  
 KION GROUP AG  
 KIRIN HOLDINGS CO  
 KIRKLAND LAKE GOLD COM  
 KKEIO CORPORATION  
 KKR & CO INC CL A  
 KLA CORPORATION COM  
 KLEPIERRE  
 KNIGHT-SWIFT TRANSN HLDGS INC CL A  
 CLASSA COMMON STOCK  
 KNORR BREMSE AG  
 KOBAYASHI PHARMACEUTICALS  
 KOGAN.COM LTD COMMON STOCK  
 KOHLS CORP COM  
 KOITO MFG CO LTD  
 KOMATSU  
 KON AHOLD DELHAIZE  
 KONAMI HOLDINGS CO  
 KONE CORPORATION  
 KONICA MINOLTA INC  
 KONINKLIJKE DSM  
 KONINKLIJKE KPN  
 KONINKLIJKE PHILIP  
 KONINKLIJKE VOPAK  
 KOSE CORPORATION  
 KRAFT HEINZ CO COM  
 KROGER CO COM  
 KS CY SOUTHN  
 KUBOTA CORP  
 KUEHNE&NAGEL INTL  
 KURARAY CO  
 KURITA WATER INDS  
 KYOCERA CORP  
 KYOWA KIRIN CO LTD  
 KYUSHU ELEC POWER  
 KYUSHU RAILWAY COR  
 L E LUNDBERGFORETA  
 L3HARRIS TECHNOLOGIES INC COM  
 LAB CORP AMER HLDGS COM NEW  
 LAM RESH CORP COM  
 LAMB WESTON HLDGS INC COM  
 LAND SECURITIES GP ORD  
 LANXESS AG  
 LAS VEGAS SANDS CORP COM  
 LAWSON INC  
 LEGAL & GENERAL GP ORD  
 LEGGETT & PLATT INC COM  
 LEGRAND SA  
 LEIDOS HLDGS INC COM  
 LENDLEASE CORP LTD  
 LENNAR CORP CL A CL A  
 LENNOX INTL INC COM  
 LEONARDO SPA  
 LIBERTY BROADBAND CORP COM  
 LIBERTY GLOBAL PLC - SERIES C COM  
 LIBERTY GLOBAL PLC  
 LIBERTY MEDIA CORP DEL COM  
 LIBERTY MEDIA CORPORATION COM  
 LINCOLN NATL CORP COM  
 LINDE PLC COM  
 LINDT & SPRUENGLI  
 LINE CORP  
 LINK ADMINISTRATIO  
 LINK REAL ESTATE INVESTMENT  
 LION CORP  
 LIVE NATION ENTERTAINMENT INC  
 LIXIL GROUP CORPORATION  
 LKQ CORP COM LKQ CORP  
 LLOYDS BANKING GP ORD  
 LOBLAWS COS LTD COM  
 LOEWS CORP COM  
 LONDON STOCK EXCHANGE GROUP ORD  
 LONZA GROUP AG  
 L'OREAL

LOVISA HLDGS LTD  
 LOWES COS INC COM  
 LULULEMON ATHLETICA INC COM  
 LUNDIN MINING CORP COM  
 LUNDIN PETROLEUM A  
 LVMH MOET HENNESSY LOUIS VUITTON SE  
 LYNAS CORPORATION  
 LYONDELLBASELL IND N V COM  
 M & T BK CORP COM  
 M UFJ LEASE  
 M&G PLC ORD  
 M3 INC  
 MACQUARIE GP LTD  
 MAGELLAN FINANCIAL  
 MAGNA INTL INC COM  
 MAKITA CORP  
 MANPOWERGROUP INC  
 MANULIFE FINL CORP COM  
 MAPFRE  
 MAPLETREE COMMERCIAL TRUST  
 MARATHON OIL CORP COM  
 MARATHON PETE CORP COM  
 MARKEL CORP HOLDING CO COM  
 MARKETAXESS HLDGS INC COM  
 MARKS & SPENCER GP ORD  
 MARRIOTT INTL INC NEW COM  
 MARSH & MCLENNAN CO'S INC COM  
 MARTIN MARIETTA MATLS INC COM  
 MARUBENI CORP  
 MARUI GROUP CO LTD  
 MARUICHI STEEL TUBE LTD  
 MARVELL TECH GROUP COM  
 MASCO CORP COM  
 MASTERCARD INC CL A  
 MATCH GROUP INC COM  
 MAXIM INTEGRATED PRODS INC COM  
 MAYNE PHARMA GROUP LIMITED  
 MAZDA MOTOR CORP  
 MC CORMICK & CO INC COM  
 MCDONALDS CORP COM  
 MCDONALD'S HOLDING CO JAPAN  
 MCKESSON CORP  
 MCMILLAN SHAKESPEA  
 MEBUKI FINANCIAL GROUP INC  
 MEDIBANK PRIVATE L  
 MEDICAL PPTYS TR INC COM  
 MEDIOBANCA SPA  
 MEDIPAL HOLDINGS CORP  
 MEDTRONIC PLC COMMON STOCK  
 MEGAPORT LTD  
 MEGGITT ORD  
 MEIJI HOLDINGS CO  
 MELCO RESORTS & ENTERTAINMENT LTD  
 MELROSE INDUST PLC  
 MERCADOLIBRE INC COM  
 MERCARI INC  
 MERCK & CO INC NEW COM  
 MERCK KGAA  
 MERCURY NZ LTD  
 MERIDIAN ENERGY LT  
 MESOBLAST LTD COM  
 METCASH LIMITED  
 METHANEX CORP COM  
 METLIFE INC COM  
 METRO AG  
 METRO INC COM  
 METSO OYJ  
 METTLER-TOLEDO INTL INC COM  
 MGM RESORTS INTERNATIONAL COM  
 MICHELIN  
 MICRO FOCUS INTERNATIONAL PLC  
 MICROCHIP TECHNOLOGY INC COM  
 MICRON TECH INC COM  
 MICROSOFT CORP COM  
 MID-AMER APT CMNTYS INC COM  
 MIDDLEBY CORP COM  
 MILLICOM INTERNATIONAL CELLULAR SA DR  
 MINEBEA MITSUMI INC  
 MINERAL RES LTD  
 MIRVAC GROUP STAPLED SECURITIES  
 MISUMI GROUP INC  
 MITSUBISHI CHEM HL

MITSUBISHI ELEC CP  
MITSUBISHI ESTATE CO LTD  
MITSUBISHI GAS CHM  
MITSUBISHI HVY IND  
MITSUBISHI MATERLS  
MITSUBISHI MOTOR C  
MITSUBISHI UFJ FIN  
MITSUI CHEMICALS  
MITSUI FUDOSAN CO LTD  
MITSUI O.S.K. LINES LTD  
MIZRAHI TEFAHOT BANK LTD ILS0.01  
MIZUHO FINANCIAL GROUP  
MOELIS AUSTRALIA  
MOHAWK INDS INC COM  
MOLSON COORS BEVERAGE COMPANY COM  
MONADELPHOUS GROUP  
MONCLER SPA  
MONDELEZ INTL INC COM  
MONDI PLC  
MONGODB INC CL A CL A  
MONOTARO CO.LTD  
MOODYS CORP COM  
MORGAN STANLEY COM  
MOSAIC CO/THE  
MOTOROLA SOLUTIONS INC  
MOUNT GIBSON IRON  
MOWI ASA  
MS&AD INS GP HLDGS  
MSCI INC COMMON  
MTR CORP  
MTU AERO ENGINES A  
MUENCHENER RUECKVE  
MURATA MANUFACTURING CO.  
MYER HOLDINGS LTD  
MYLAN NV  
N V R INC COM  
NABTESCO CORP  
NAGOYA RAILROAD CO LTD  
NANOSONICS LTD  
NASDAQ INC  
NATIONAL GRID ORD  
NATIONAL OILWELL VARCO COM  
NATIONAL RETAIL PPTYS INC COM  
NATIONAL STORAGE R STAPLED UNIT  
NATIXIS  
NATL AUSTRALIA BK  
NATL BK OF CANADA COM  
NATURGY ENERGY GROUP SA  
NAVIGATOR GLOBAL I  
NEARMAP LTD  
NEC CORP  
NESTE OYJ  
NESTLE SA  
NETAPP INC COM  
NETFLIX INC COM  
NETWEALTH GROUP  
NEUROCRINE BIOSCIENCES INC COM  
NEW WORLD DEVELOPMENT CO  
NEWCREST MINING LTD  
NEWELL BRANDS INC COM  
NEWMONT CORPORATION  
NEXON CO LTD  
NEXT ORD  
NEXTDC LTD  
NEXTERA ENERGY INC COM  
NGK INSULATORS LTD  
NGK SPARK PLUG CO  
NH FOODS LTD  
NIB HOLDINGS LTD  
NICE LTD ILS1  
NIDEC CORPORATION  
NIELSEN HOLDINGS PLC COM  
NIKE INC CL B  
NIKON CORP  
NINE ENTERTAINMENT  
NINTENDO CO LTD  
NIPPON BUILDING FD  
NIPPON EXPRESS CO  
NIPPON PAINT HLDGS  
NIPPON PROLOGIS RE  
NIPPON SHINYAKU CO  
NIPPON TELEGRAPH & TELEPHONE CORP

NIPPON YUSEN KABUSHIKI KAISHA  
NISOURCE INC COM  
NISSAN CHEMICAL CORPORATION  
NISSHIN SEIFUN GRP  
NISSIN FOODS HOLDINGS CO LTD  
NITORI HOLDINGS  
NITTO DENKO CORP  
NMC HEALTH PLC ORD  
NN GROUP N.V.  
NOBLE ENERGY INC COM  
NOKIA OYJ  
NOKIAN RENKAAT OYJ  
NOMURA HOLDINGS  
NOMURA REAL ESTATE MASTER FU  
NOMURA RESEARCH INSTITUTE  
NOMURA RL EST INC  
NORDEA BANK ABP  
NORDSTROM INC COM  
NORFOLK SOUTHN CORP COM  
NORSK HYDRO ASA NOK1.098  
NORTHERN STAR RESOURCES LTD  
NORTHERN TR CORP COM  
NORTHROP GRUMMAN CORP COM  
NORTONLIFE LOCK INC  
NORWEGIAN CRUISE LINE HLDGS LTD COM  
NOVO-NORDISK AS DKK0.2 SERIES'B'  
NOVOZYMES A/S SERIES'B'DKK2  
NRW HOLDINGS LTD  
NSK LTD  
NTT DATA CORP  
NTT DOCOMO  
NUCOR CORP COM  
NUFARM  
NUTRIEN LTD COM  
NVIDIA CORP COM  
NWS HOLDINGS LTD  
NXP SEMICONDUCTORS N V COM  
O REILLY AUTOMOTIVE INC NEW COM  
OBAYASHI CORP  
OBIC CO LTD  
OCADO GROUP PLC ORD

ODAKYU ELEC RLWY  
OIL SEARCH LTD  
OJI HOLDINGS CORP  
OKTA INC CL A CL A  
OLD DOMINION FREIGHT LINE INC COM  
OMEGA HEALTHCARE INVS INC  
OMNICOM GROUP INC COM  
OMRON CORP  
OMV AG  
ON SEMICONDUCTOR CORP COM  
ONEOK INC COM  
ONEX CORP SUB-VTG  
ONO PHARMACEUTICAL  
OOH MEDIA LIMITED  
OPEN TEXT CO COM  
ORACLE CORP COM  
ORACLE CORP JAPAN  
ORANGE  
ORICA LIMITED  
ORIENTAL LAND CO LTD  
ORIGIN ENERGY LTD  
ORION CORPORATION SER'B'  
ORIX CORP  
ORIX J INC  
ORKLA ASA  
OROCOBRE LTD  
ORORA LTD  
ORSTED A/S  
OSAKA GAS CO LTD  
OTSUKA CORP  
OTSUKA HOLDINGS CO LTD  
OVERSEA-CHINESE BANKING CORPORATION  
OVINTIV INC  
OWENS CORNING NEW COM  
OZ MINERALS LTD COM  
PACCAR INC COM  
PACKAGING CORP AMER COM  
PACT GROUP HLDGS LTD  
PALO ALTO NETWORKS INC COM  
PAN PACIFIC INTERNATIONAL HOLDINGS CORP  
PANASONIC CORP

PANDORA A/S  
PARGESA HLDGS SA  
PARK 24 CO LTD  
PARKER-HANNIFIN CORP COM  
PARKLAND FUEL CORP COM  
PARTNERS GROUP HLG  
PAYCHEX INC COM  
PAYCOM SOFTWARE INC COM  
PAYPAL HLDGS INC COM  
PCCW LIMITED  
PEARSON ORD  
PEMBINA PIPELINE CORPORATION  
PENDAL GROUP LTD  
PENTAIR PLC COM  
PEOPLES UTD FINL INC COM  
PEPSICO INC COM  
PEPTIDREAM INC  
PERENTI GLOBAL LTD  
PERKINELMER INC COM  
PERNOD RICARD  
PERPETUAL LIMITED  
PERRIGO COMPANY LIMITED COM  
PERSEUS MINING LTD  
PERSIMMON ORD  
PERSOL HOLDINGS CO  
PEUGEOT SA  
PFIZER INC COM  
PHILLIPS 66 COM  
PIGEON CORP  
PILBARA MINERALS  
PINNACLE INV MGMT  
PINNACLE W. CAP CORP COM  
PINTEREST INC  
PIONEER NAT RES CO COM  
PIRELLI & C SPA  
PLATINUM ASSET MAN  
PNC FINANCIAL SERVICES GROUP COM  
POLARIS INC  
POLYNOVO LIMITED  
POSTE ITALIANE SPA  
POWER ASSETS HLDGS  
POWER CORP CANADA SUB-VTG  
PPG IND INC COM  
PPL CORP COM  
PRAIRIESKY ROYALTY COM  
PREMIER INVS  
PRINCIPAL FINL GROUP INC COM  
PRO MEDICUS  
PROCTER & GAMBLE COM  
PROGRESSIVE CORP OH COM  
PROLOGIS INC COM  
PROSUS N.V.  
PROXIMUS  
PRUDENTIAL FINL INC COM  
PRUDENTIAL  
PRYSMIAN SPA  
PTC INC COM  
PUB SERVICE ENTERPRISE GROUP INC COM  
PUB STORAGE COM  
PUBLICIS GROUPE SA  
PULTE GROUP INC  
PUMASE  
PVH CORP COM  
QANTAS AIRWAYS  
QBE INS GROUP  
QIAGEN NV  
QORVO INC COM  
QUALCOMM INC COM  
QUBE HOLDINGS LIMITED  
QUEBECOR INC CLASS'B'SUB-VTG  
QUEST DIAGNOSTICS INC COM  
RAIFFEISEN BK INTL  
RAKUTEN INC  
RALPH LAUREN CORP  
RAMELIUS RESOURCES  
RAMSAY HEALTH CARE  
RANDSTAD N.V.  
RAYMOND JAMES FNCL INC COM  
RAYTHEON CO  
REA GROUP LIMITED  
REALTY INCOME CORP COM  
RECKITT BENCK GRP ORD



RECORDATI  
 RECRUIT HLDGS CO L  
 RED ELECTRICA CORP  
 REGENCY CTRS CORP COM  
 REGENERON PHARMACEUTICALS INC COM  
 REGIONS FINL CORP NEW COM  
 REGIS HEALTHCARE LIMITED  
 REGIS RESOURCES LT  
 REINSURANCE GROUP AMER INC COM NEW  
 RELIANCE WORLDWIDE  
 RELX PLC  
 REMY COINTREAU  
 RENAISSANCE RE HLDGS LTD COM  
 RENAULT SA  
 RENESAS ELECTRONICS CORPORATION  
 RENTOKIL INITIALORD  
 REPSOL SA  
 REPUBLIC SVCS INC COM  
 RESMED INC COM  
 RESOLUTE MINING  
 RESONA HOLDINGS  
 RESTAURANT BRANDS INTERN-W/I COM STOCK  
 RICHEMONT (CIE FIN)  
 RICOH CO LTD  
 RINGCENTRAL INC  
 RINNAI CORP  
 RIO TINTO LIMITED  
 RIOCAN REAL ESTATE UNIT  
 ROBERT HALF INTL INC COM  
 ROCHE HLDGS AG GENUSSSCHEINE  
 ROCKWELL AUTOMATION  
 ROGERS COMMS INC CLASS'B'COM  
 ROHM CO LTD  
 ROKU INC COM CL A  
 ROLLINS INC COM  
 ROLLS ROYCE HLDGS ORD  
 ROPER TECHNOLOGIES  
 ROSS STORES INC COM  
 ROYAL BK OF CANADA COM  
 ROYAL BK SCOT GRP ORD  
 ROYAL CARIBBEAN CRUISES COM  
 RPM INTL INC  
 RSA INSURANCE GRP ORD  
 RURAL FUNDS GROUP  
 RYMAN HEALTHCARE  
 RYOHIN KEIKAKU CO  
 S&P GLOBAL INC COM  
 S.W. AIRL CO COM  
 SABRE CORP COM  
 SAFRAN SA  
 SAGE GROUP  
 SAINSBURY(J) ORD  
 SALESFORCE COM INC COM  
 SAMPO PLC SER'A'  
 SANDFIRE RESOURCES LTD  
 SANDS CHINA LTD  
 SANDVIK AB  
 SANOFI  
 SANTEN PHARM CO  
 SANTOS LIMITED  
 SAP SE  
 SAPUTO INC COM  
 SARACEN MINERAL HL  
 SAREPTA THERAPEUTICS INC COM  
 SARTORIUS AG NON VTG PRF  
 SARTORIUS STEDIM B  
 SATS LTD  
 SBA COMMUNICATIONS CORP  
 SBI HLDGS INC  
 SCA PROPERTY GROUP  
 SCENTRE GROUP  
 SCHIBSTED ASA SER'B'NOK0.5  
 SCHINDLER-HLDG AG  
 SCHLUMBERGER LTD COM  
 SCHNEIDER ELECTRIC  
 SCHRODERS VTG SHS  
 SCHWAB CHARLES CORP COM NEW  
 SCOR SE  
 SEAGATE TECHNOLOGY PLC COM  
 SEALED AIR CORP NEW COM  
 SEATTLE GENETICS INC COM  
 SEB SA

SECOM CO  
SECURITAS SER'B'  
SEEK LIMITED  
SEGA SAMMY HLDGS  
SEGRO PLC ORD  
SEI INVTS CO COM  
SEIBU HOLDINGS INC  
SEIKO EPSON CORP  
SEKISUI CHEMICAL CO LTD  
SEKISUI HOUSE  
SELECT HARVESTS  
SEMBCORP INDUSTRIE  
SEMPRA ENERGY INC COM  
SENEX ENERGY LTD  
SENSATA TECHNOLOGIES B V HOLDING  
SERVICE STREAM LTD  
SERVICENOW INC COM  
SES FDR  
SEVEN & I HOLDINGS  
SEVEN BANK  
SEVEN GROUP HLDGS  
SEVEN WEST MEDIA LIMITED  
SEVERN TRENT ORD  
SG FLEET GROUP LTD  
SG HOLDINGS CO LTD  
SGS SA  
SHARP CORP  
SHAW COMMUNICATION 'B'CNV  
SHERWIN-WILLIAMS CO COM  
SHIMADZU CORP  
SHIMAMURA CO  
SHIMANO INC  
SHIMIZU CORP  
SHIN-ETSU CHEMICAL  
SHINSEI BANK  
SHIONOGI & CO LTD  
SHISEIDO CO LTD  
SHIZUOKA BANK  
SHOPIFY INC COM CL A  
SHOWA DENKO KK  
SIEMENS AG  
SIEMENS GAMESA RENEWABLE ENERGY  
SIEMENS HEALTHINEE  
SIGMA HEALTHCARE L  
SIGNATURE BK NY N Y COM  
SIKA AG -ORDSHR VOTING BO  
SILVER LAKE RES  
SIMON PROPERTY GROUP INC COM  
SIMS LIMITED  
SINGAPORE AIRLINES  
SINGAPORE EXCHANGE  
SINGAPORE PRESS HOLDINGS  
SINGAPORE TECHNOLOGIES ENGINEERING  
SINGAPORE TELECOMMUNICATIONS COM  
SINO LAND CO  
SIRIUS XM HLDGS INC COM  
SKAND ENSKILDA BKN SER'A'  
SKANSKA AB SER'B'  
SKF AB SER'B'  
SKYWORKS SOLUTIONS INC COM  
SL GREEN RLTY CORP COM  
SMARTGROUP CORPORATION LIMITED  
SMITH & NEPHEW ORD  
SMITH A O CORP COM  
SMITHS GROUP ORD  
SMUCKER J M CO COM NEW  
SMURFIT KAPPA GROUP PLC ORD  
SNAM  
SNAP INC  
SNAP-ON INC COM  
SOCIETE GENERALE  
SODEXHO  
SODEXO BN RTS  
SOFTBANK CORP  
SOFTBANK GROUP CORP  
SOHGO SECURITY SER  
SOLVAY SA  
SOMPO HOLDINGS INC  
SONIC HEALTHCARE  
SONOVA HOLDING AG COMMON STOCK  
SONY CORP  
SONY FINANCIAL HOL

SOUTHN CROSS MEDIA GROUP  
SPARK INFR GROUP STAPLED  
SPARK NEW ZEALAND LTD COM  
SPIRAX-SARCO ENGINEERING  
SPIRIT AEROSYSTEMS HLDGS INC CL A  
SPLUNK INC COM  
SQUARE ENIX HOLDINGS CO LTD  
SQUARE INC CL A  
SS&C TECHNOLOGIES HLDGS INC COM  
SSE PLC ORD  
ST BARBARA LIMITED  
ST JAMES'S PLACE ORD  
STANDARD CHARTERED PLC  
STANLEY BLACK & DECKER INC COM  
STANLEY ELECTRIC  
STARBUCKS CORP COM  
STARS GROUP INC  
STATE STR CORP COM  
STD LIFE ABERDEEN ORD  
STEADFAST GROUP  
STEEL DYNAMICS INC COM  
STERIS PLC ORD  
STMICROELECTRONICS  
STOCKLAND  
STORA ENSO OYJ SER'R'  
STRAUMANN HLDG  
STRYKER CORP  
SUBARU CORPORATION  
SUEZ  
SUMCO CORPORATION  
SUMITOMO CHEMICAL CO. LTD  
SUMITOMO CORP  
SUMITOMO DAINIPPON PHARMA CO LTD  
SUMITOMO ELECTRIC  
SUMITOMO HEAVY IND  
SUMITOMO METAL MINING CO LTD  
SUMITOMO MITSUI FINANCIAL GROUP  
SUMITOMO MITSUI TRUST HOLDINGS INC  
SUMITOMO REALTY & DEVELOPMENT  
SUN COMMUNITIES INC COM  
SUN HUNG KAI PROP

SUN LIFE FINL INC COM  
SUNCORP GROUP LTD  
SUNDRUG CO LTD  
SUNTEC REAL ESTATE INVESTMENT TRUST  
SUNTORY BEVERAGE &  
SUPER RETAIL GROUP LTD G  
SUZUKEN CO LTD  
SVB FINANCIAL GROUP COMMON STOCK  
SVENSKA HANDELSBANKEN SER'A'  
SWATCH GROUP  
SWEDBANK AB SER'A'  
SWIRE PACIFIC 'A'  
SWIRE PROPERTIES LTD  
SWISS LIFE HOLDINGS AG  
SWISS PRIME SITE  
SWISS RE AG  
SWISSCOM AG  
SYDNEY AIRPORT CORPORATION LTD  
SYMRISE AG  
SYNCHRONY FINL COM  
SYNOPSIS INC COM  
SYSCO CORP COM  
SYSMEX CORP  
T ROWE PRICE GROUP INC  
T&D HOLDINGS INC  
TABCORP HOLDINGS LTD  
TAIHEIYO CEMENT  
TAISEI CORP  
TAISHO HOLDIN  
TAIYO NIPPON SAN SO CORP  
TAKEDA PHARMACEUTICAL CO  
TAKE-TWO INTERACTIVE SOFTWARE INC COM  
TAPESTRY INC COM  
TARGA RES CORP COM  
TARGET CORP COM  
TASSAL GROUP  
TAYLOR WIMPEY ORD  
TC ENERGY CORPORAT COM  
TD AMERITRADE HLDG CORP  
TDK CORP  
TE CONNECTIVITY LTD

TECHNI CN COM  
TECHNOLOGY ONE  
TECHTRONIC INDUSTR  
TEIJIN LTD  
TELE2 AB SER'B'  
TELECOM ITALIA SPA DI RISP  
TELECOM ITALIA SPA  
TELEDYNE TECHNOLOGIES INC COM  
TELEFLEX INC COM  
TELEFONICA DEUTSCH  
TELEFONICA SA  
TELENET GRP HLDG  
TELENOR ASA ORD NOK6  
TELEPERFORMANCE SOCIETE EUROPEENNE  
TELIA COMPANY AB  
TELSTRA CORP LTD  
TELUS CORPORATION COM  
TEMENOS AG  
TENARIS S.A.  
TERADYNE INC COM  
TERNA SPA ORD  
TERUMO CORP  
TESCO ORD  
TESLA INC COM  
TEXAS INSTRUMENTS INC COM  
TEXTRON INC COM  
THALES SA  
THE STAR ENTERTAIN  
THERMO FISHER CORP  
THK CO LTD  
THOMSON-REUTERS COM  
THYSSENKRUPP AG  
TIFFANY & CO COM  
TJX COS INC COM NEW  
T-MOBILE US INC COM  
TOBU RAILWAY CO Y50  
TOHO CO LTD  
TOHO GAS CO LTD  
TOHOKU ELEC POWER  
TOKIO MARINE HOLDINGS INC  
TOKYO CENTURY CORPORATION  
TOKYO ELECTRON  
TOKYO GAS CO LTD  
TOKYU CORP  
TOKYU FUDOSAN HOLDINGS CORPORATION  
TOPPAN PRINTING CO  
TORAY INDS INC  
TORONTO-DOMINION COM  
TOSHIBA CORP  
TOSOH CORP  
TOTO LTD  
TOYO SEIKAN GROUP HOLDINGS LTD  
TOYO SUISAN KAISHA  
TOYOTA INDUSTRIES  
TOYOTA MOTOR CORP  
TOYOTA TSUSHO CORP  
TPG TELECOM LTD  
TRACTOR SUPPLY CO COM  
TRANE TECHNOLOGIES PLC COM  
TRANSDIGM GROUP INC COM  
TRANSUNION COM  
TRANSURBAN GROUP  
TRAVELERS COS INC COM  
TREASURY WINE ESTA  
TREND MICRO INC  
TRIMBLE INC COM TRIMBLE INC  
TRIPADVISOR INC COM  
TRUIST FINL CORP COM  
TRYG A/S DKK5  
TSURUHA HOLDINGS  
TUI AG (REGD)  
TWILIO INC CL A  
TWITTER INC COM  
TYLER TECHNOLOGIES INC COM  
TYSON FOODS INC CL A COM (DELAWARE)  
UBER TECHNOLOGIES INC COM  
UBISOFT ENTERTAIN  
UBS GROUP AG  
UCB  
UDR INC COM  
UGI CORP NEW COM  
ULTA BEAUTY INC COM

UMICORE  
 UNDER ARMOR INC CL A  
 UNDER ARMOUR INC CL C COM  
 UNIBAIL-RODAMCO-WESTFIELD  
 UNICHARM CORP  
 UNICREDIT SPA  
 UNILEVER NV  
 UNILEVER PLC ORD  
 UNION PAC CORP COM  
 UNITED AIRLINES HOLDINGS INC COM  
 UNITED INTERNET AG  
 UNITED MALT GROUP  
 UNITED PARCEL SVC INC CL B  
 UNITED RENTALS INC COM  
 UNITED TECHNOLOGIES CORP COM  
 UNITED URBAN INVES  
 UNITED UTILITIES GROUP ORD  
 UNITEDHEALTH GROUP INC COM  
 UNUM GROUP  
 UOL GROUP LIMITED SGD1  
 UPM-KYMMENE CORP  
 US BANCORP  
 USS CO LTD  
 UTD O/S BANK  
 V F CORP COM  
 VAIL RESORTS INC COM  
 VALEO  
 VALERO ENERGY CORP COM NEW  
 VARIAN MEDICAL SYSTEMS INC  
 VEEVA SYS INC CL A COM  
 VENTAS INC  
 VENTURE CORP LTD  
 VEOLIA ENVIRONNEME  
 VERBUND AG  
 VERISIGN INC COM  
 VERISK ANALYTICS INC COM  
 VERIZON COMMUNICATIONS COM  
 VERTEX PHARMACEUTICALS INC COM  
 VESTAS WIND SYSTEM DKK1  
 VIACOMCBS INC  
 VICI PPTYS INC COM  
 VICINITY CENTRES  
 VIFOR PHARMA AG  
 VILLAGE ROADSHOW  
 VINCI  
 VIRTUS HEALTH LTD  
 VISA INC COM CL A  
 VISTRA ENERGY CORP COM  
 VITASOY INTL  
 VIVA ENERGY GROUP  
 VIVA ENERGY STAPLED UNIT  
 VIVENDI SA  
 VMWARE INC CL A COM  
 VOCUS GROUP LTD  
 VODAFONE GROUP ORD  
 VOESTALPINE AG  
 VOLVO AB SER'B'  
 VONOVIA SE  
 VORNADO RLTY TR COM  
 VOYA FINL INC COM  
 VULCAN MATERIALS CO COM  
 W P CAREY INC COM  
 WABCO HLDGS INC COM  
 WABTEC CORP COM  
 WALGREENS BOOTS ALLIANCE INC COM  
 WALT DISNEY CO  
 WARTSILA  
 WASTE CONNECTIONS INC COM  
 WASTE MGMT INC DEL COM  
 WATERS CORP COM  
 WAYFAIR INC CL A  
 WEBJET LTD  
 WEC ENERGY GROUP INC COM  
 WEIR GROUP ORD  
 WELCIA HOLDINGS CO LTD  
 WELLTOWER INC COM  
 WENDEL  
 WESFARMERS LTD  
 WEST FRASER TIMBER COM  
 WEST JAPAN RAILWAY  
 WEST PHARMACEUTICAL SVCS INC COM  
 WESTERN AREAS LIMITED

WESTERN UNION CO  
WESTGOLD RESOURCES  
WESTN DIGITAL CORP COM  
WESTPAC BKG CORP  
WESTROCK CO COM  
WEYERHAEUSER CO COM  
WH GROUP LIMITED COM  
WHARF REAL ESTATE  
WHEATON PRECIOUS M COM  
WHEELOCK & COMPANY  
WHIRLPOOL CORP COM  
WHITBREAD ORD  
WILLIAMS CO INC COM  
WILLIS TOWERS WATSON PLC COM  
WILMAR INTERNATIONAL LTD  
WIRECARD AG  
WISETECH GLOBAL LT  
WIX.COM LTD COM ILS0.01  
WM MORRISON SUPERMARKETS ORD  
WOLTERS KLUWER  
WOODSIDE PETROLEUM  
WOOLWORTHS GRP LTD  
WORKDAY INC CL A COM  
WORLDLINE  
WORLEY LTD  
WPP AUNZ LTD  
WPP PLC ORD  
WSP GLOBAL INC COM  
WYNN MACAU LTD  
XEROX HLDGS CORP COM  
XILINX INC COM  
XPO LOGISTICS INC COM  
XYLEM INC COM  
YAKULT HONSHA CO  
YAMADA DENKI CO LTD  
YAMAHA CORP  
YAMAHA MOTOR CO  
YAMATO HOLDINGS  
YAMAZAKI BAKING COM  
YANGZIJIANG SHIPBU (SGD)  
YARA INTERNATIONAL

YASKAWA ELEC CORP  
YOKOGAWA ELECTRIC  
YOKOHAMA RUBBER CO  
YUE YUEN INDL HLDG  
YUM BRANDS INC COM  
Z HOLDINGS CORP  
ZALANDO SE  
ZEBRA TECHNOLOGIES CORP CL A  
ZIONS BANCORPORATION N A  
ZIP CO LTD  
ZOETIS INC COM  
ZOZO INC  
ZURICH INSURANCE GROUP AG