



ACT
Government

Chief Minister, Treasury and
Economic Development

Australian Capital Territory Directly- Owned Shares as at 31 December 2018

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Email: alm@act.gov.au

Australian Capital Territory Directly-Owned Shares as at 31 December 2018

1ST CAP REALTY INC COM	AIA GROUP LTD
1ST QUANTUM MINLS COM	AIB GROUP PLC
3I GROUP ORD	AIR LIQUIDE (L')
3M CO COM	AIR PROD & CHEM INC COM
5TH 3RD BANCORP COM	AIR WATER INC
A.P. MOLLER-MAERSK SER'A'DKK1000	AIRBUS SE
A.P. MOLLER-MAERSK SER'B'DKK1000	AIRXPANDERS INC CDI 3:1
A2 MILK CO LTD	AISIN SEIKI CO
ABACUS PROPERTY GR	AJINOMOTO CO INC
ABB LTD	AKAMAI TECHNOLOGIES INC
ABBOTT LAB COM	AKER BP ASA
ABBVIE INC COM	AKZO NOBEL NV
ABC-MART INC	ALACER GOLD CORP CDI
ABIOMED INC COM	ALBEMARLE CORP COM
ABN AMRO GROUP NV DR EACH REP SHS	ALEXANDRIA REAL ESTATE EQUITIES INC COM
ACCENT GROUP LTD	ALEXION PHARMACEUTICALS INC COM
ACCENTURE PLC SHS CL A NEW	ALFA LAVAL AB
ACCOR	ALFRESA HOLDINGS
ACOM CO	ALIGN TECHNOLOGY INC COM
ACS ACTIVIDADES CO	ALIMENTATION COUCH CLASS'B'S/VTG COM
ACTIVISION BLIZZARD INC	ALKERMES PLC SHS
ACUITY BRANDS INC COM	ALLEGHANY CORP DEL COM
ADECCO GROUP AG	ALLEGION PLC
ADELAIDE BRIGHTON	ALLERGAN PLC.
ADIDAS AG	ALLIANCE AVIATION
ADMIRAL GROUP ORD	ALLIANCE DATA SYS CORP COM
ADOBE SYS INC COM	ALLIANZ SE (VINKULIERT)
ADR BEIGENE LTD SPONSORED ADR	ALLSTATE CORP COM
ADR TEVA PHARMACEUTICAL INDS	ALLY FINL INC COM
ADVANCE AUTO PTS INC COM	ALNYLAM PHARMACEUTICALS INC COM
ADVANCED MICRO DEVICES INC COM	ALPHABET INC CAPITAL STOCK CLASS C
AEGON NV	ALPHABET INC CAPITAL STOCK CLASS A
AENA SME S.A.	ALPS ALPINE CO LTD
AEON CO LTD	ALS LIMITED
AEON FINANCIAL SERVICE CO LTD	ALSTOM
AEON MALL CO LTD	ALTAGAS INCOME LTD
AERCAP HOLDINGS N.V.	ALTUM
AEROPORTS DE PARIS	ALTURA MNG LTD
AFFILIATED MANAGERS GROUP INC	ALUMINA LTD
AFLAC INC COM	AMADA HOLDINGS CO LTD
AFTERPAY TOUCH GRP	AMADEUS IT GROUP
AGC INC	AMAZON COM INC COM
AGEAS	AMCOR LIMITED
AGILENT TECHNOLOGIES INC	AMER FINL GROUP INC OH
AGNC INVT CORP COM	AMERCO COM
AGNICO EAGLE MINES LTD	AMERICAN EXPRESS CO

AMERICAN INTERNATIONAL GROUP INC COM
 AMERICAN TOWER CORP
 AMERICAN WTR WKS CO
 AMERIPRISE FINL INC COM
 AMERISOURCEBERGEN CORP COM
 AMETEK INC
 AMGEN INC COM
 AMP LIMITED
 AMPHENOL CORP NEW CL A
 AMUNDI
 ANA HOLDINGS INC
 ANALOG DEVICES INC COM
 ANDRITZ AG (BR)
 ANHEUSER-BUSCH INB
 ANNALY CAP MGMT INC COM
 ANSELL
 ANSYS INC COM
 ANTHEM INC COM
 ANTOFAGASTA ORD
 AON PLC COM
 AOZORA BANK
 APA GROUP
 APACHE CORP COM
 APPEN LTD
 APPLE INC
 APPLIED MATERIALS INC COM
 APTIV PLC COM
 ARAMARK COM
 ARB CORPORATION
 ARC RES LTD CDA COM
 ARCH CAPITAL GROUP
 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 (REIT)
 ASHTEAD GROUP ORD
 ASICS CORP
 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 CL A
 ATLAS ARTERIA GROUP
 ATLAS COPCO AB SER'A'
 ATLAS COPCO AB SER'B'
 ATMOS ENERGY CORP COM
 ATOS SE
 AUCKLAND INTL
 AURELIA METALS LIMITED
 AURIZON HOLDINGS
 AURORA CANNABIS IN COM
 AUSDRILL LIMITED
 AUSNET SERVICES
 AUST & NZ BANK GRP
 AUSTAL LIMITED
 AUSTRALIAN AGRIC
 AUSTRALIAN FINANCE
 AUSTRALIAN PHARMAC
 AUSTRALIAN VINTAGE
 AUSTRALIS OIL&GAS
 AUTO TRADER GROUP PLC
 AUTODESK INC COM
 AUTOLIV INC
 AUTOMATIC DATA PROCESSING INC COM
 AUTOMOTIVE HLDG GP COM
 AUTOSPORTS GROUP LIMITED
 AUTOZONE INC COM
 AVALONBAY CMNTYS REIT
 AVENTUS GROUP UNITS
 AVEO GROUP
 AVERY DENNISON CORP COM
 AVIVA ORD
 AXA EQUITABLE HLDGS INC COM
 AXA
 AXALTA COATING SYSTEMS LTD COM
 AXEL SPRINGER SE
 AZRIELI GROUP
 BABCOCK INTL GROUP ORD
 BAE SYSTEMS ORD
 BAKER HUGHES A GE CO CL A
 BALL CORP COM
 BALOISE HOLDING AG (VINKULIERT)
 BANCO SANTANDER

BANDAI NAMCO HOLDINGS INC
 BANK HAPOLIM B.M. ILS1
 BANK NEW YORK MELLON CORP
 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 COMSTK
 BAXTER INTL INC COM
 BAYER MOTOREN WERK NON VTG PRF
 BAYERISCHE MOTOREN WERKE A G COM
 BB&T CORP 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
 BELLAMYS AUSTRALIA
 BENDIGO AND ADELAIDE BANK LTD
 BENESSE HOLDINGS INC
 BERKLEY GP HOLDINGS
 BEST BUY INC
 BEZEQ ISRAEL TELCM ILS1
 BIC
 BINGO INDUSTRIES L
 BIOGEN INC
 BIOMARIN PHARMACEUTICAL INC
 BIOMERIEUX
 BK LEUMI LE ISRAEL ILS1
 BK OF KYOTO LTD
 BK OF NOVA SCOTIA COM
 BLACKBERRY LTD
 BLACKMORES LTD
 BLACKROCK INC
 BLOCK H & R INC COM
 BLUESCOPE STEEL
 BNP PARIBAS
 BOC HONG KONG HLDG
 BOLIDEN AB
 BOLLORE
 BOMBARDIER INC CLASS'B'SUB-VTG
 BOOKING HLDGS INC COM
 BORAL LIMITED
 BORG WARNER INC COM
 BOUYGUES
 BRAMBLES LTD
 BRAVURA SOLUTIONS
 BRENNTAG AG
 BREVILLE GROUP LTD
 BRICKWORKS
 BRIDGESTONE CORP
 BRIGHTHOUSE FINL INC COM
 BRISTOL MYERS SQUIBB CO COM
 BRITISH LAND CO ORD
 BROADCOM INC COM
 BROADRIDGE FINL SOLUTIONS INC
 BROOKFIELD ASSET LIMITED VTG SHARES CLASS A
 BROOKFIELD PPTY REIT INC COM CLASS A
 BROTHER INDUSTRIES
 BROWN-FORMAN INC CL B NON-VTG COM
 BSTN PPTYS INC
 BT GROUP ORD
 BUNGE LTD
 BUNZL PLC ORD
 BURBERRY GROUP ORD
 BUREAU VERITAS
 BURLINGTON STORES INC COM
 BWP TRUST
 BWX LTD
 C H ROBINSON WORLDWIDE INC
 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 CLASS'A'CUM NON-VTG COM
 CANON INC
 CANOPY GROWTH CORP COM
 CAPGEMINI
 CAPITAL ONE FINL CORP COM
 CAPITALAND COMM TR (REIT)
 CAPITALAND LTD
 CAPITALAND MALL TRUST

CARDINAL HLTH INC
 CARLSBERG SER'B'DKK20
 CARMAX INC COM
 CARREFOUR SA
 CARSALES.COM LTD
 CASINO GUICH-PERR
 CASIO COMPUTER CO
 CATERPILLAR INC COM
 CBL CORP LTD
 CBOE GLOBAL MARKETS INC
 CBRE GROUP INC CL A CL A
 CBS CORP NEW CL B
 CCL INDUSTRIES INC CLASS'B'NON VTG COM
 CDK GLOBAL INC COM
 CDN NATL RAILWAYS COM
 CDN UTILITIES CLASS'A'COM NON-VTG
 CDW CORP COM
 CEDAR WOODS PROPS
 CELANESE CORP DEL COM SER A STK
 CELGENE CORP COM
 CENTENE CORP DEL COM
 CENTERPOINT ENERGY INC COM
 CENTRAL JAPAN RLWY
 CENTRICA ORD
 CENTURIA INDUSTRIA
 CENTURYLINK INC COM
 CERNER CORP COM
 CGI GROUP INC 'A'SUB-VTG
 CHALLENGER LTD
 CHARTER COMMUNICATIONS INC CL A
 CHARTER HALL EDUCATION TRUST
 CHARTER HALL GROUP
 CHARTER HALL LONG
 CHARTER HALL RETAI UNITS
 CHECK PT SOFTWARE TECHNOLOGIES
 CHEMOURS CO COM
 CHENIERE ENERGY INC
 CHIBA BANK
 CHIPOTLE MEXICAN GRILL INC
 CHR. HANSEN HLDG
 CHUBB LTD ORD
 CHUGAI PHARMACY CO. LTD
 CHUGOKU ELECTRIC POWER CO INC
 CHURCH & DWIGHT INC COM
 CI FINANCIAL CORP
 CIE DE ST-GOBAIN
 CIGNA CORP NEW COM
 CIMAREX ENERGY CO COM
 CIMIC GROUP LIMITED
 CIN FNCL CORP COM
 CINTAS CORP COM
 CISCO SYSTEMS INC
 CITIGROUP INC
 CITIZENS FINL GROUP INC COM
 CITRIX SYS INC COM
 CITY DEVELOPMENTS LTD
 CK ASSET HOLDINGS LTD
 CK HUTCHISON HLDGS HKD1
 CLARIANT AG
 CLEANAWAY WASTE MGMT LTD
 CLOROX CO COM
 CME GROUP INC
 CMS ENERGY CORP COM
 CNH INDUSTRIAL
 CNP ASSURANCES
 COCA COLA BOTTLERS
 COCA COLA CO COM
 COCA-COLA AMATIL
 COCA-COLA EUROPEAN PARTNERS PLC ORD
 COCA-COLA HBC AG ORD (CDI)
 COCHLEAR LTD
 COGNEX CORP COM
 COGNIZANT TECH SOLUTIONS CORP CL A
 COLES GROUP LTD
 COLGATE-PALMOLIVE CO COM
 COLLINS FOOD LTD
 COLOPLAST SER'B'DKK1
 COMCAST CORP NEW-CL A
 COMERICA INC COM
 COMFORTDELGRO CORP LTD
 COMMERZBANK AG
 COMMONWEALTH BANK OF AUSTRALIA
 COMMSCOPE HLDG CO INC COM
 COMPASS GROUP ORD
 COMPUTERSHARE LTD
 CONAGRA BRANDS INC COM
 CONCHO RES INC
 CONCORDIA FINL GROUP LT
 CONS EDISON INC COM
 CONSTELLATION BRANDS INC CL A CL A
 CONSTELLATION SOFT
 CONTACT ENERGY
 CONTINENTAL AG ORD
 CONTINENTAL RES INC COM
 CONVATEC GROUP PLC ORD (WI)
 COOPER COS INC
 COOPER ENERGY LTD
 COPART INC COM

CORNING INC COM
 CORPORATE TRAVEL MANAGEMENT LTD, BRISBANE QLD
 COSTA GROUP HOLDINGS LIMITED
 COSTAR GROUP INC COM
 COSTCO WHOLESALE CORP NEW COM
 COTY INC COM CL A COM CL A
 COVESTRO AG
 COVIVIO
 CREDIT AGRICOLE SA
 CREDIT CORP GROUP
 CREDIT SAISON CO
 CREDIT SUISSE AG
 CRH ORD
 CRODA INTL
 CROMWELL PROP GP (STAPLED UNITS)
 CROWN CASTLE INTL CORP
 CROWN HLDGS INC COM
 CROWN RESORTS LIMITED
 CSL LTD
 CSR LIMITED
 CSX CORP
 CUMMINS INC
 CVS HEALTH CORP COM
 CYBERAGENT INC
 CYBG PLC ORD (CDI) 1TO 1
 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 REIT INVESTMENT CO
 DAIWA SECS GROUP INC
 DANAHER CORP COM
 DANONE
 DANSKE BANK A/S
 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 CL C WI
 DELTA AIR LINES INC DEL
 DENA CO LTD
 DENSO CORP
 DENTSPLY SIRONA INC COM
 DENTSU INC
 DEUTSCHE BANK AG
 DEUTSCHE BOERSE AG
 DEUTSCHE LUFTHANSA ORD (VINK)
 DEUTSCHE POST AG
 DEUTSCHE TELEKOM
 DEUTSCHE WOHNEN SE (BR)
 DEXCOM INC COM
 DEXUS PROPERTY GROUP
 DIAGEO ORD PLC
 DIAMONDBACK ENERGY INC COM
 DIGITAL RLTY TR INC COM
 DIRECT LINE INSURANCE PLC ORD GBP
 DISCO CORPORATION
 DISCOVER FINL SVCS
 DISCOVERY INC - A
 DISCOVERY INC COM SERIES C
 DNB ASA
 DOLLAR GEN CORP
 DOLLAR TREE INC
 DOLLARAMA INC
 DOMAIN HLDGS AUSTR
 DOMINION ENERGY INC
 DOMINOS PIZZA INC COM
 DON QUIJOTE HOLDINGS CO LTD
 DOVER CORP
 DOWDUPONT INC COM
 DOWNER EDI LTD
 DSV DKK1
 DTE ENERGY CO COM
 DUFREY AG
 DUKE RLTY CORP COM NEW REIT
 DULUXGROUP LTD
 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

ECLIPX GROUP LTD
 ECOLAB INC
 EDENRED
 EDISON INTL COM
 EDWARDS LIFESCIENCES CORP COM
 EIFFAGE
 EISAI CO
 ELBIT SYSTEMS LTD ILS1
 ELDERS LIMITED
 ELECTR ARTS COM
 ELECTROLUX AB SER'B' (POST SPLIT)
 ELI LILLY & CO COM
 ELISA OYJ
 ELIXINOL GLOBAL LT
 EMECO HOLD LIMITED
 EMERSON ELECTRIC CO COM
 EML PAYMENTS LTD
 EMPIRE CO CLASS'A'N/VTG COM
 EMS-CHEMIE HLDG AG
 ENAGAS SA
 ENBRIDGE INC COM
 ENCANA CORP COM
 ENDESA SA
 ENERGIAS DE PORTUGAL SA
 ENTERGY CORP
 EPIROC AB SER'A'
 EPIROC AB SER'B'
 EQTY RESDNTL
 EQUINIX INC
 ERICSSON SER'B'
 ERSTE GROUP BANK AG
 ESSEX PPTY TR REIT
 ESSILORLUXOTTICA
 ESSITY AB SER'B'
 ESTEE LAUDER COMPANIES INC CL A
 ESTIA HEALTH LTD
 ETABLISSEMENTEN COLRUYT ORDSHR
 EURAZEO SE
 EUROFINS SCIENTIFI
 EUTELSAT COMMUNICA
 EVENT HOSPITALITY
 EVERSOURCE ENERGY COM
 EVOLUTION MINING
 EVONIK INDUSTRIES
 EXELON CORP COM
 EXOR
 EXPEDIA GROUP INC COM
 EXPEDITORS INTL WASH INC COM
 EXPERIAN ORD
 EXTRA SPACE STORAGE INC COM
 F5 NETWORKS INC
 FACEBOOK INC COM CL 'A'
 FAMILYMART UNY HLD
 FANUC CORP
 FAR LIMITED PLACEMENT
 FAST RETAILING CO LTD
 FASTENAL CO COM
 FAURECIA
 FEDERAL RLTY INVT TR SH BEN INT
 FEDEX CORP COM
 FERGUSON PLC ORD
 FERRARI NV COM
 FERROVIAL SA
 FIAT CHRYSLER AUTOMOBILES NV
 FIDELITY NATL FINL INC
 FIDELITY NATL INFORMATION SVCS INC
 FINNING INTL INC COM
 FIRST DATA CORP NEW COM CL A
 FIRST REP BK SAN FRANCISCO CALIF
 FIRSTENERGY CORP COM
 FISERV INC COM
 FISHER & PAYKEL ORD DEFD DELIVERY
 FLEETCOR TECHNOLOGIES INC COM
 FLETCHER BUILDING
 FLEX LTD FLEX LTD
 FLEXIGROUP LIMITED
 FLIGHT CENTRE TRAVEL GROUP LTD
 FLIR SYS INC COM
 FLOWSERVE CORP COM
 FLUOR CORP
 FMC CORP
 FORD MTR CO DEL COM PAR
 FORTESCUE METALS GRP LTD
 FORTINET INC COM
 FORTIS INC COM
 FORTIVE CORP
 FORTUM OYJ
 FORTUNE BRANDS HOME & SEC INC COM
 FRANCO NEVADA CORP COM
 FRAPORT (FRANKFURT AIRPORT SERVICES)
 FREEDOM FOODS GROUP LIMITED
 FRESENIUS MEDICAL CARE
 FRESENIUS SE&KGAA
 FRESNILLO PLC ORD
 FRKLN RES INC COM
 FUCHS PETROLUB SE
 FUJI ELECTRIC HOLINDGS CO
 FUJIFILM HOLDINGS CORP

FUJITSU
 FUKUOKA FINANCIAL
 G.U.D. HOLDINGS
 G4S PLC ORD
 G8 EDUCATION LTD
 GALAXY ENTERTAINME
 GALAXY RES LTD
 GALLAGHER ARTHUR J & CO COM
 GALP ENERGIA SGPS
 GAP INC COM
 GARMIN LTD
 GARTNER INC COM
 GBST HOLDINGS LTD
 GDI PROPERTY GROUP
 GEA GROUP AG
 GEBERIT AG
 GECINA
 GENERAL DYNAMICS CORP COM
 GENERAL ELECTRIC CO
 GENERAL MILLS INC COM
 GENMAB AS
 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
 GLAXOSMITHKLINE ORD
 GLOBAL PMTS INC COM
 GODADDY INC CL A
 GOLDCORP INC COM
 GOLDEN AGRI-RESOURCES LTD
 GOLDMAN SACHS GROUP INC COM
 GOODMAN GROUP
 GOODYEAR TIRE & RUBBER CO COM
 GPE BRUXELLES LAM
 GPT GROUP
 GRAINCORP 'A'
 GRAINGER W W INC COM
 GREAT WEST LIFECO COM
 GREENCROSS LIMITED
 GRIFOLS SA
 GROWTHPOINT PROPER A-REIT
 GRUBHUB INC COM
 GTN LTD
 GVC HLDGS PLC ORD
 GWA GROUP LTD
 H&R REAL ESTATE INVT TR
 H.LUNDBECK A/S
 HAKUHODO DY HLDGS
 HALLIBURTON CO COM
 HAMAMATSU PHOTONIC
 HAMMERSON ORD
 HANESBRANDS INC
 HANG LUNG GROUP
 HANG LUNG PROPERTIES
 HANG SENG BANK
 HANKYU HANSHIN HOLDINGS INC
 HANNOVER RUECK SE ORD
 HANSEN TECHNOLOGIE
 HARGREAVES LANSDOW ORD
 HARLEY DAVIDSON COM
 HARRIS CORP.
 HARTFORD FINL SVCS GROUP INC
 HARVEY NORMAN HLDG
 HASBRO INC COM
 HCA HEALTHCARE INC COM
 HCP INC COM REIT
 HD SUPPLY HLDGS INC. COM
 HEALIUS LIMITED
 HEALTHSCOPE LTD
 HEINEKEN HOLDING
 HEINEKEN NV
 HENDERSON LAND DEVELOPMENT
 HENKEL AG & CO KGAA NON-VTG PRF
 HENKEL AG & CO KGAA (BR)
 HENNES & MAURITZ SER'B'
 HENRY SCHEIN INC
 HERMES INTL
 HERSHEY COMPANY
 HESS CORP
 HEWLETT PACKARD ENTERPRISE CO COM
 HEXAGON AB SER'B'
 HIKARI TSUSHIN INC
 HILTON WORLDWIDE HLDGS INC
 HINO MOTORS
 HIROSE ELECTRIC
 HISAMITSU PHARM CO
 HITACHI CHEMICAL
 HITACHI CONSTRUCTION MACHINERY
 HITACHI HIGH-TECH
 HITACHI METALS
 HITACHI
 HKT TRUST AND HKT
 HOCHTIEF AG

HOLLYFRONTIER CORP COM
 HOLOGIC INC COM
 HOME DEPOT INC COM
 HONDA MOTOR CO
 HONEYWELL INTL INC
 HONG KONG & CHINA GAS
 HONG KONG EXCHANGES & CLEAR
 HONGKONG LAND HLD ORD (SINGAPORE REG)
 HORMEL FOODS CORP COM
 HOSHIZAKI CORP
 HOST HOTELS & RESORTS INC REIT
 HOYA CORP
 HP INC COM
 HSBC HLDGS ORD (UK REG)
 HT & E LTD
 HUB24 LIMITED
 HUGO BOSS AG
 HULIC COMPANY LTD
 HUMANA INC COM
 HUNT J B TRANS SVCS INC COM
 HUNTINGTON BANCSHARES INC COM
 HUNTINGTON INGALLS INDS INC COM
 HUON AQUACULTURE GROUP LTD
 HUSKY ENERGY INC COM
 HUSQVARNA AB SER'B'
 HYDRO ONE LTD COM
 HYSAN DEVELOPMENT
 IAC / INTERACTIVECORP
 IBERDROLA SA
 ICA GRUPPEN AB
 ICADE (POST MERGER)
 ICL-ISRAEL CHEM ILS1
 IDEMITSU KOSAN CO
 IDEX CORP COM
 IDEXX LABS INC COM
 IDP EDUCATION LTD
 IGM FINANCIAL INC COM
 IHI CORPORATION
 IHS MARKIT LTD COM
 IIDA GROUP LTD
 ILIAD
 ILL TOOL WKS INC COM
 ILLUMINA INC COM
 ILUKA RESOURCES
 IMERYS
 INCITEC PIVOT
 INCYTE CORP COM
 INDEPENDENCE GROUP
 INDITEX (IND.DE DISENO TEXTIL SA)
 INDL ALLIANCE INS COM
 INDUSTRIVARDEN AB SER'C'
 INFIGEN ENERGY LTD
 INFINEON TECHNOLOG ORD
 INFORMA PLC (GB) ORD
 ING GROEP N.V.
 INGENICO GROUP
 INGERSOLL-RAND PLC
 INGHAMS GROUP LTD
 INGREDION INC COM
 INNOGY SE
 INNOGY SE (ASD 06/07/18 EON CSH)
 INS AUSTRALIA
 INTACT FINL CORP COM
 INTEGRATED RESEARC
 INTEL CORP COM
 INTER PIPELINE LTD COM
 INTERCONTINENTAL EXCHANGE INC COM
 INTERCONTINENTAL HOTELS GROUP
 INTERNATIONAL BUSINESS MACHS CORP COM
 INTERPUBLIC GROUP COMPANIES INC COM
 INTERTEK GROUP ORD
 INTESA SANPAOLO
 INTL CONS AIRLINE ORD
 INTL FLAVORS & FRAGRANCES INC COM
 INTL PAPER CO COM
 INTUIT COM
 INVESCO LTD
 INVESTEC ORD
 INVESTOR AB SER'B'
 INVITATION HOMES INC COM
 INVOCARE LTD
 IOOF HOLDINGS LTD
 IPG PHOTONICS CORP COM
 IPH LTD
 IPSEN
 IQVIA HLDGS INC COM
 IRESS LIMITED
 IRON MTN INC
 ISELECT LTD
 ISETAN MITSUKOSHI
 ISS A/S DKK1
 ISUZU MOTORS
 ITV ORD
 J FRONT RETAILING
 JACK HENRY & ASSOC INC COM
 JACOBS ENGR GROUP INC COM
 JAMES HARDIE INDUSTRIES PLC
 JANUS HENDERSON GR CDI REP ORD SHARES

JAPAN AIRLINES CO
 JAPAN AIRPORT TERMINAL CO.
 JAPAN EXCHANGE GROUP INC
 JAPAN POST BANK CO
 JAPAN POST HOLD CO
 JAPAN PRIME REALTY REIT
 JAPAN REAL ESTATE INVESTMENT CO
 JAPAN RETAIL FUND REIT
 JARDINE MATHESON HLDGS
 JAZZ PHARMACEUTICALS PLC COM
 JB HI-FI
 JC DECAUX SA
 JEFFERIES FINL GROUP INC COM
 JERONIMO MARTINS
 JGC CORP
 JOHNSON & JOHNSON COM
 JOHNSON CTLS INTL PLC COM
 JOHNSON MATTHEY
 JONES LANG LASALLE INC
 JPMORGAN CHASE & CO COM
 JSR CORP
 JTEKT CORPORATION
 JULIUS BAER GRUPPE
 JUNIPER NETWORKS INC COM
 JUPITER MINES LIMITED
 JXTG HOLDINGS INC
 KAJIMA CORP
 KAKAKU.COM. INC
 KAMIGUMI CO LTD
 KANEKA CORP
 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
 KEYENCE CORP
 KEYERA CORP COM
 KEYSIGHT TECHNOLOGIES INC COM
 KIDMAN RESOURCES L SHS
 KIKKOMAN CORP
 KIMBERLY-CLARK CORP COM
 KIMCO RLTY CORP COM
 KINDER MORGAN INC DEL COM
 KINGFISHER ORD
 KINGSPAN GROUP ORD
 KINNEVIK AB SER'B' (POST SPLIT)
 KINROSS GOLD CORP COM
 KINTETSU GROUP HOLDINGS CO LTD
 KION GROUP AG
 KIRIN HOLDINGS CO
 KKEIO CORPORATION
 KLA-TENCOR CORP
 KLEPIERRE
 KNIGHT-SWIFT TRANSN HLDGS INC CL A CLASSA
 KOBAYASHI PHARMACEUTICALS
 KOBE STEEL LTD
 KOGAN.COM LTD
 KOHLS CORP COM
 KOITO MFG CO LTD
 KOMATSU
 KON AHOLD DELHAIZE
 KONAMI HOLDINGS CO
 KONE CORPORATION ORD 'B'
 KONICA MINOLTA INC
 KONINKLIJKE DSM NV
 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 HAKKO KIRIN CO LTD
 KYUSHU ELEC POWER
 KYUSHU RAILWAY COR
 L BRANDS INC COM
 L E LUNDBERGFORETA SER'B'
 L3 TECHNOLOGIES INC COM
 LAB CORP AMER HLDGS
 LAM RESH CORP COM
 LAMB WESTON HLDGS INC COM
 LAND SECURITIES GP ORD
 LANXESS AG

LAS VEGAS SANDS CORP
 LAWSON INC
 LEGAL & GENERAL GP ORD
 LEGGETT & PLATT INC COM
 LEGRAND SA
 LEIDOS HLDGS INC COM
 LENDLEASE GROUP
 LENNAR CORP CL A CL A
 LENNOX INTL INC COM
 LEONARDO SPA
 LIBERTY BROADBAND CORP
 LIBERTY GLOBAL PLC -SERIES C COM
 LIBERTY GLOBAL PLC
 LIBERTY MEDIA CORP DEL COM SER A SIRIUSXM GROUP
 LIBERTY MEDIA CORP DEL COM SER C SIRIUSXM GROUP
 LIBERTY MEDIA CORPORATION COM
 LIBERTY PPTY TR SH BEN INT
 LINCOLN NATL CORP COM
 LINDE PLC COM
 LINDT & SPRUENGLI (PTG CERT)
 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
 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
 M3 INC
 MACERICH CO REIT
 MACQUARIE GP LTD
 MACYS INC
 MAGELLAN FINANCIAL
 MAGNA INTL INC COM
 MAKITA CORP
 MANPOWERGROUP INC
 MANULIFE FINL CORP COM
 MAPFRE
 MARATHON OIL CORP COM
 MARATHON PETE CORP COM
 MARKEL CORP HOLDING CO COM
 MARKS & SPENCER GP ORD
 MARRIOTT INTL INC NEW CL A
 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
 MATTEL INC
 MAXIM INTEGRATED PRODS INC COM
 MAYNE PHARMA GROUP LIMITED
 MAZDA MOTOR CORP
 MC CORMICK & CO INC COM NON-VTG
 MC DONALDS CORP COM
 MCDONALD'S HOLDING CO JAPAN
 MCKESSON CORP
 MCMILLAN SHAKESPEA
 MEBUKI FINANCIAL GROUP INC
 MEDIBANK PRIVATE L
 MEDIOBANCA SPA
 MEDIPAL HOLDINGS CORP
 MEDTRONIC PLC
 MEGGITT ORD
 MEIJI HOLDINGS CO
 MELCO RESORTS & ENTERTAINMENT LIMITED
 MELROSE INDUST PLC
 MERCADOLIBRE INC
 MERCK & CO INC
 MERCK KGAA
 MERIDIAN ENERGY LT
 MERLIN ENTERTAINME ORD
 MESOBLAST LTD COMSTK
 METCASH LIMITED
 METHANEX CORP COM
 METLIFE INC
 METRO AG (NEW)
 METRO INC COM
 METSO OYJ
 METTLER-TOLEDO INTL INC COM

MGM CHINA HLDGS LT
 MGM RESORTS INTERNATIONAL COM
 MICHAEL KORS HOLDINGS LTD COM
 MICHELIN (CGDE)
 MICRO FOCUS INTL ORD
 MICROCHIP TECHNOLOGY INC COM
 MICRON TECH INC COM
 MICROSOFT CORP COM
 MID-AMER APT CMNTYS INC COM
 MIDDLEBY CORP COM
 MIDWAY LTD
 MILLICOM INTERNATIONAL CELLULAR SA
 MINEBEA MITSUMI INC
 MINERAL RESOURCES
 MINTH GRP
 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 TANABE PHARMA CORP
 MITSUBISHI UFJ FIN
 MITSUI CHEMICALS
 MITSUI FUDOSAN CO LTD
 MITSUI O.S.K.LINES
 MIZRAHI TEFAHOT BANK LTD
 MIZUHO FINANCIAL GROUP
 MOELIS AUSTRALIA
 MOHAWK INDS INC COM
 MOLSON COORS BREWING COM CL B
 MONADELPHOUS GROUP
 MONCLER SPA
 MONDELEZ INTL INC COM
 MONDI PLC
 MONEY3 CORPORATION
 MONOTARO CO.LTD
 MOODYS CORP COM
 MORGAN STANLEY
 MOSAIC CO/THE
 MOTORCYCLE HLDGS L
 MOTOROLA SOLUTIONS INC
 MOWI ASA
 MS&AD INS GP HLDGS
 MSCI INC COMMON
 MTR CORP
 MTU AERO ENGINES A
 MUENCHENER RUECKVE
 MURATA MANUFACTURING CO.
 MYER HOLDINGS LTD
 MYOB GROUP LTD
 N V R INC COM
 NABTESCO CORP
 NAGOYA RAILROAD CO LTD
 NANOSONICS LTD
 NASDAQ INC
 NATIONAL GRID ORD
 NATIONAL OILWELL VARCO
 NATIONAL RETAIL PPTYS INC
 NATIONAL STORAGE R REIT
 NATIXIS (POST SUBDV)
 NATL AUSTRALIA BK
 NATL BK OF CANADA COM
 NATURGY ENERGY GROUP SA
 NAVIGATOR GLOBAL I
 NAVITAS LTD
 NEC CORP
 NEKTAR THERAPEUTICS COM
 NESTE OYJ
 NESTLE SA
 NETAPP INC
 NETFLIX INC
 NETWEALTH GROUP
 NEW WORLD DEVELOPMENT CO
 NEWCREST MINING LTD
 NEWELL BRANDS INC COM
 NEWMONT MINING CORP
 NEWS CORP NEW CDI CLASS B
 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
 NICK SCALI
 NIDEC CORPORATION
 NIELSEN HOLDINGS PLC
 NIKE INC CL B
 NIKON CORP
 NINE ENTERTAINMENT
 NINTENDO CO LTD
 NIPPON BUILDING FD REIT
 NIPPON ELECTRIC GLASS CO LTD

NIPPON EXPRESS CO
 NIPPON PAINT HLDGS
 NIPPON PROLOGIS RE REIT
 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
 NOMURA RESEARCH INSTITUTE
 NOMURA RL EST INC
 NORDEA BANK ABP
 NORDSTROM INC COM
 NORFOLK SOUTHN CORP COM
 NORSK HYDRO ASA
 NORTHERN STAR RESOURCES LTD
 NORTHERN TR CORP COM
 NORTHROP GRUMMAN CORP COM
 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
 NZME LTD
 O REILLY AUTOMOTIVE INC
 OBAYASHI CORP
 OBIC CO LTD
 ODAKYU ELEC RLWY
 OFX GROUP LTD
 OIL SEARCH LTD
 OJI HOLDINGS CORP
 OLD DOMINION FREIGHT LINE INC COM
 OLYMPUS CORP
 OMNICOM GROUP INC COM
 OMRON CORP
 OMV AG
 ON SEMICONDUCTOR CORP COM
 ONEOK INC
 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
 ORKLA ASA
 OROCOBRE LTD
 ORORA LTD
 ORSTED A/S
 OSAKA GAS CO LTD
 OSRAM LICHT AG
 OTSUKA CORP
 OTSUKA HOLDINGS CO LTD
 OVERSEA-CHINESE BANKING CORPORATION
 OWENS CORNING
 OZ MINERALS LTD
 PACCAR INC COM
 PACIFIC CURRENT GROUP LTD
 PACT GROUP HLDGS LTD
 PADDY POWER BETFAIR PLC
 PALO ALTO NETWORKS INC
 PANASONIC CORP
 PANDORA A/S
 PARAGON CARE LTD
 PARGESA HLDGS SA (BR)
 PARK 24 CO LTD
 PARKER-HANNIFIN CORP COM
 PARSLEY ENERGY INC CL A
 PARTNERS GROUP HLG
 PAYCHEX INC COM
 PAYPAL HLDGS INC COM
 PCCW LIMITED
 PEARSON ORD
 PEMBINA PIPELINE CORPORATION
 PENDAL GROUP LTD
 PENTAIR PLC

PEOPLES UTD FINL INC COM
 PEPSICO INC COM
 PERNOD RICARD
 PERPETUAL LIMITED
 PERRIGO COMPANY LIMITED COM
 PERSIMMON ORD
 PERSOL HOLDINGS CO
 PEUGEOT SA
 PFIZER INC COM
 PG& E CORP COM
 PHILLIPS 66 COM
 PIGEON CORP
 PILBARA MINERALS
 PINNACLE INV MGMT
 PINNACLE W. CAP CORP COM
 PIONEER NAT RES CO COM
 PIRELLI & C SPA
 PIVOTAL SYSTEMS PIVOTAL SYSTEMS CORP INC
 PLATINUM ASSET MAN
 PNC FINANCIAL SERVICES GROUP
 POLA ORBIS HLDG IN
 POLARIS INDS INC COM
 POSTE ITALIANE SPA
 POWER ASSETS HLDGS
 POWER CORP CANADA SUB-VTG
 POWER FINL CORP COM
 PPG IND INC COM
 PPL CORP COM
 PRAIRIESKY ROYALTY COM
 PREMIER INVS
 PRINCIPAL FINL GROUP INC
 PRO MEDICUS
 PROCTER & GAMBLE COM
 PROGRESSIVE CORP OH COM
 PROLOGIS INC COM
 PROSIEBENSAT.1 MEDIA SE
 PROXIMUS
 PRPROPERTYLINK GROUP
 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
 PUMA SE
 PVH CORP COM
 QANTM INTELLECTUAL
 QBE INS GROUP
 QIAGEN NV
 QORVO INC COM
 QUALCOMM INC COM
 QUBE HOLDINGS LIMITED
 QUEST DIAGNOSTICS INC COM
 QUINTIS LTD
 RAIFFEISEN BK INTL
 RAKUTEN INC
 RALPH LAUREN CORP CL A CL A
 RAMSAY HEALTH CARE
 RANDGOLD RESOURCES ORD
 RANDSTAD N.V.
 RAYMOND JAMES FNCL INC
 RAYTHEON CO
 RCR TOMLINSON LTD
 REA GROUP LIMITED
 REALTY INCOME CORP COM
 RECKITT BENCK GRP ORD
 RECORDATI
 RECRUIT HLDGS CO L
 RED ELECTRICA CORP
 RED HAT INC COM
 REECE LTD
 REGENCY CTRS CORP COM
 REGENERON PHARMACEUTICALS INC COM
 REGIONS FINL CORP
 REGIS HEALTHCARE LIMITED
 REGIS RESOURCES LT
 REINSURANCE GROUP AMER INC COM
 RELIANCE WORLDWIDE
 RELX PLC
 REMY COINTREAU
 RENAISSANCE RE HLDGS LTD COM
 RENAULT SA
 RENESAS ELECTRONICS CORPORATION
 REPSOL SA
 REPUBLIC SVCS INC COM
 RESMED INC COM
 RESOLUTE MINING
 RESONA HOLDINGS
 RESTAURANT BRANDS INTERN-W/I
 REXEL
 RICHEMONT (CIE FIN)
 RICOH CO LTD
 RINNAI CORP
 RIO TINTO LIMITED
 ROBERT HALF INTL INC COM
 ROCHE HLDGS AG GENUSSSCHEINE

ROCKWELL AUTOMATION
ROGERS COMMS INC CLASS'B'COM
ROHM CO LTD
ROLLINS INC COM
ROLLS ROYCE HLDGS C SHS ENTITLEMENT
ROLLS ROYCE HLDGS ORD
ROPER TECHNOLOGIES, INC
ROSS STORES INC COM
ROYAL BK OF CANADA COM
ROYAL BK SCOT GRP ORD
ROYAL CARIBBEAN CRUISES
ROYAL MAIL PLC ORD
RSA INSURANCE GRP ORD
RTL GROUP
RURAL FUNDS GROUP
RYANAIR HOLDINGS ORD
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
SAMPO PLC SER'A'
SANDFIRE RESOURCES
SANDS CHINA LTD
SANDVIK AB
SANKYO CO LTD
SANOFI
SANTEN PHARM CO
SANTOS LIMITED
SAP SE
SAPUTO INC COM
SARACEN MINERAL HL
SARTORIUS AG NON VTG PRF
SARTORIUS STEDIM B
SATS LTD
SBA COMMUNICATIONS CORP
SBI HLDGS INC
SCA PROPERTY GROUP
SCANA CORP
SCENTRE GROUP
SCHIBSTED ASA SER'B'NOK0.5
SCHINDLER-HLDG AG (PTG CERT)
SCHINDLER-HLDG AG
SCHLUMBERGER LTD COM
SCHNEIDER ELECTRIC
SCHRODERS VTG SHS
SCHWAB CHARLES CORP
SCOR SE
SEAGATE TECHNOLOGY PLC COM
SEALED AIR CORP
SEATTLE GENETICS INC COM
SEB SA
SECOM CO
SECURITAS SER'B'
SEEK LIMITED
SEGA SAMMY HLDGS I
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
SENEX ENERGY LTD
SENSATA TECHNOLOGIES B V HOLDING
SERVCORP
SERVICENOW INC
SES FDR EACH REP 1 'A'
SEVEN & I HOLDINGS
SEVEN BANK
SEVEN GENERATIONS COM
SEVEN GROUP HLDGS
SEVEN WEST MEDIA LIMITED
SEVERN TRENT ORD
SG FLEET GROUP LTD
SG HOLDINGS CO LTD
SGS SA CHF1
SHANGRI-LA ASIA
SHARP CORP
SHAVER SHOP GROUP
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
 SHOWA SHELL SEKIYU KK
 SIEMENS AG
 SIEMENS GAMESA RENEWABLE ENERGY
 SIEMENS HEALTHINEE
 SIGMA HEALTHCARE L
 SIGNATURE BK NY N Y COM
 SIKA AG -ORDSHR VOTING BO
 SIMON PROPERTY GROUP INC COM
 SIMS METAL MANAGEMENT LTD
 SINGAPORE AIRLINES
 SINGAPORE EXCHANGE
 SINGAPORE PRESS HOLDINGS
 SINGAPORE TECHNOLOGIES ENGINEERING
 SINGAPORE TELECOMMUNICATIONS
 SINO LAND CO
 SIRIUS XM HLDGS INC COM
 SKAND ENSKILDA BKN SER'A'
 SKANSKA AB SER'B'
 SKF AB SER'B'
 SKYCITY ENTERTAINMENT GROUP LIMITED
 SKYWORKS SOLUTIONS INC COM
 SL GREEN RLTY CORP
 SMARTCENTRES REIT VARIABLE VTG UNITS
 SMARTGROUP CORPORATION LIMITED
 SMITH & NEPHEW ORD
 SMITH A O CORP COM
 SMITHS GROUP ORD
 SMUCKER J M CO COM
 SMURFIT KAPPA GROUP PLC ORD
 SNAM
 SNAP-ON INC COM
 SNC-LAVALIN GROUP COM
 SOCIETE GENERALE
 SODEXHO
 SOFTBANK CORP.
 SOFTBANK GROUP CORP
 SOHGO SECURITY SER
 SOLVAY SA
 SOMPO HOLDINGS INC
 SONIC HEALTHCARE
 SONOVA HOLDING AG
 SONY CORP
 SONY FINANCIAL HOL
 SOUTHN CROSS MEDIA GROUP
 SPARK INFR GROUP STAPLED
 SPARK NEW ZEALAND LTD COM
 SPEEDCAST INTL LTD
 SPIRIT AEROSYSTEMS HLDGS INC CL A
 SPLUNK INC COMSTK COM
 SPRINT CORP COM SER 1
 SQUARE INC CL A 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
 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
 SUMITOMO RUBBER
 SUN HUNG KAI PROP
 SUN LIFE FINL INC COM
 SUN TR BANKS INC COM
 SUNCORP GROUP LTD
 SUNDRUG CO LTD
 SUNLAND GROUP LTD
 SUNTEC REAL ESTATE INVESTMENT TRUST REIT
 SUNTORY BEVERAGE
 SUPER RETAIL GROUP LTD
 SUZUKEN CO LTD
 SVB FINANCIAL GROUP
 SVENSKA HANDELSBANKEN SER'A' (P/S)
 SWATCH GROUP
 SWATCH GROUP (BR)
 SWEDBANK AG SEK20 SER'A'

SWIRE PACIFIC 'A'
 SWIRE PROPERTIES LTD
 SWISS LIFE HOLDINGS AG
 SWISS PRIME SITE
 SWISS RE AG
 SWISSCOM AG
 SYDNEY AIRPORT CORPORATION LTD
 SYMANTEC CORP COM
 SYMRISE AG (BR)
 SYNCHRONY FINL COM
 SYNLAIT MILK LTD
 SYNOPSIS INC COM
 SYRAH RES LTD
 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 SANZO CORP
 TAKASHIMAYA CO
 TAKEDA PHARMACEUTICAL CO
 TAKE-TWO INTERACTIVE SOFTWARE INC
 TAPESTRY INC COM
 TARGA RES CORP COM
 TARGET CORP
 TASSAL GROUP
 TAYLOR WIMPEY ORD
 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
 TELEFLEX INC COM
 TELEFONICA DEUTSCH
 TELEFONICA SA
 TELENET GRP HLDG
 TELENOR ASA ORD
 TELEPERFORMANCE SOCIETE EUROPEENNE
 TELIA COMPANY AB
 TELSTRA CORP LTD
 TELUS CORPORATION COM (NON CANADIAN)
 TEMENOS AG CHF5
 TENARIS S.A.
 TERNA SPA ORD
 TERUMO CORP
 TESCO ORD
 TESLA INC COM
 TEXAS INSTRUMENTS INC COM
 TEXTRON INC COM
 THALES SA
 THE A2 MILK CO LTD
 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
 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
 TORCHMARK CORP COM
 TORONTO-DOMINION COM
 TOSOH CORP
 TOTAL SYS SVCS INC COM
 TOTO LTD
 TOURMALINE OIL CP COM
 TOYO SEIKAN GROUP HOLDINGS LTD
 TOYO SUISAN KAISHA
 TOYODA GOSEI
 TOYOTA INDUSTRIES
 TOYOTA MOTOR CORP
 TOYOTA TSUSHO CORP
 TPG TELECOM LTD
 TRACTOR SUPPLY CO COM
 TRANSCANADA CORP COM
 TRANSDIGM GROUP INC COM
 TRANSUNION COM
 TRANSURBAN GROUP STAPLED UNITS
 TRAVELERS COS INC

TREASURY WINE ESTA
 TREND MICRO INC
 TRIMBLE INC COM TRIMBLE INC
 TRIPADVISOR INC COM
 TRYG A/S DKK5
 TSURUHA HOLDINGS
 TUI AG
 TURQUOISE HILL RES LTD
 TWENTY-FIRST CENTURY FOX INC CL A
 TWENTY-FIRST CENTY FOX INC CL B CL B
 TWITTER INC COM
 TYSON FOODS INC CL A COM (DELAWARE)
 UBISOFT ENTERTAIN
 UBS GROUP
 UCB
 UDR INC
 UGI CORP
 ULTA BEAUTY INC
 UMICORE
 UNDER ARMOR INC CL A
 UNDER ARMOUR INC CL C
 UNIBAIL-RODAMCO
 UNIBAIL-RODAMCO-WESTFIELD
 UNICHARM CORP
 UNICREDIT SPA
 UNILEVER NV CVA
 UNILEVER PLC ORD
 UNION PAC CORP COM
 UNITED CONTL HLDGS INC
 UNITED INTERNET AG
 UNITED PARCEL SVC INC CL B
 UNITED RENTALS INC COM
 UNITED TECHNOLOGIES CORP COM
 UNITED THERAPEUTICS CORP DEL
 UNITED URBAN INVES REIT
 UNITED UTILITIES GROUP ORD
 UNITEDHEALTH GROUP INC COM
 UNUM GROUP
 UOL GROUP LIMITED
 UPM-KYMMENE CORP
 US BANCORP
 USS CO LTD
 UTD O/S BANK
 V F CORP COM
 VAIL RESORTS INC COM
 VALEO
 VALERO ENERGY CORP
 VARIAN MEDICAL SYSTEMS INC
 VEEVA SYS INC CL A COM CL A COM
 VENTAS INC REIT
 VENTURE CORP LTD
 VEOLIA ENVIRONNEME
 VERBUND AG CLASS'A'
 VERISIGN INC COM
 VERISK ANALYTICS INC
 VERIZON COMMUNICATIONS COM
 VERMILION ENERGY I COM
 VERTEX PHARMACEUTICALS INC COM
 VESTAS WIND SYSTEM DKK1
 VIACOM INC NEW CL B
 VICINITY CENTRES
 VIFOR PHARMA AG
 VILLAGE ROADSHOW
 VINCI
 VIRTUS HEALTH LTD
 VISA INC COM CL A STK
 VISIONEERING TECH CDI 1:1
 VIVA ENERGY GROUP
 VIVA ENERGY REIT 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
 WABTEC CORP COM
 WAGNERS HLDG CO
 WALGREENS BOOTS ALLIANCE INC COM
 WALT DISNEY CO
 WARTSILA
 WASTE CONNECTIONS INC
 WASTE MGMT INC DEL
 WATERS CORP COM
 WAYFAIR INC CL A CL A
 WEBJET LTD
 WEC ENERGY GROUP INC COM
 WEIR GROUP ORD
 WELCIA HOLDINGS CO LTD
 WELLCARE HLTH PLANS INC COM
 WELLTOWER INC COM REIT
 WENDEL
 WESFARMERS LTD

WEST FRASER TIMBER COM
WEST JAPAN RAILWAY
WESTERN AREAS LIMITED
WESTERN UNION CO
WESTGOLD RESOURCES
WESTLAKE CHEM CORP
WESTN DIGITAL CORP COM
WESTPAC BKG CORP
WESTROCK CO COM
WEYERHAEUSER CO COM
WH GROUP LIMITED COMSTK
WHARF REAL ESTATE
WHARF (HLDGS)
WHEATON PRECIOUS M COM
WHEELOCK & COMPANY
WHIRLPOOL CORP COM
WHITBREAD ORD
WILLIAM DEMANT HOL
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
WOOD GROUP (JOHN) ORD
WOODSIDE PETROLEUM
WOOLWORTHS GRP LTD
WORKDAY INC CL A COM
WORLDPAY INC COM

WORLEYPARSONS LIMITED
WPP AUNZ LTD
WPP PLC ORD
WSP GLOBAL INC COM
WYNN MACAU LTD
WYNN RESORTS LTD
XEROX CORP
XILINX INC COM
XPO LOGISTICS INC COM
XYLEM INC COM
YAHOO JAPAN CORP
YAKULT HONSHA CO
YAMADA DENKI CO LTD
YAMAGUCHI FINANCIA
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
ZALANDO SE
ZAYO GROUP HLDGS INC COM
ZIONS BANCORPORATION N A
ZOETIS INC COM CL 'A'
ZOZO INC
ZURICH INSURANCE GROUP AG