

B3 S.A. – BRASIL, BOLSA, BALCÃO
National Corporate Taxpayers Register (CNPJ) No. 09.346.601/0001-25
State Registration Number (NIRE) 35.300.351.452
Publicly-Held Company

**MINUTES OF THE ANNUAL AND EXTRAORDINARY SHAREHOLDERS’
MEETINGS HELD ON APRIL 29, 2019**

DATE, TIME AND PLACE: On April 29, 2019, at 11:00 a.m., at the principal place of business of B3 S.A. -Brasil, Bolsa, Balcão (“Company” or “B3”), located at Praça Antonio Prado, No. 48, in the city of São Paulo, State of São Paulo.

CALL NOTICE: Call notice published on April 2, 3 and 4, 2019, in the Official Gazette of the State of São Paulo (pages 92, 113 and 57, respectively), and on April 2, 3 and 4, 2019, in the newspaper Valor Econômico (pages B7, C9 and B9, respectively).

PUBLICATIONS: Annual Management Report, Financial Statements relating to the fiscal year ended on December 31, 2018, jointly with the Notes, Opinion of EY Auditores Independentes and the Audit Committee Report published on February 22, 2019, in the newspaper Valor Econômico (pages C9 to C13) and in the Official Gazette of the State of São Paulo (pages 102 to 114).

ATTENDANCE: Attendance of shareholders representing more than 59% (fifty-nine per cent) of the Company’s voting and total capital stock, as confirmed (i) by the signatures in the “Shareholders’ Attendance Book”, considering the provisions to cast votes set forth in article 7 of the Bylaws; and (ii) by the remote voting forms received by means of B3’s Depository Central, from the bookkeeping agent of the shares issued by the Company or directly by the Company, pursuant to the provisions of the CVM regulation. In light of the quorum, the Chairman opened the Annual and Extraordinary Shareholders’ Meetings to resolve on the amendments to the Stock Awards Plan and explained to those people attending the meeting that since the quorum was not sufficient to open the Extraordinary Shareholders’ Meeting to resolve on the proposed amendments to the Bylaws, a new call notice will be published to call such meeting to resolve, on second call, on such item of the Agenda, pursuant to the provisions of article 12, paragraph 6 of the Company’s Bylaws. The members of the Company’s Management and Messrs. Gregory Gobetti and Emerson Morelli, representatives of EY Auditores Independentes, were also attending the meeting.

PRESIDING OFFICERS: Mr. Antonio Carlos Quintella - Chairman; Mr. Gilson Finkelsztain - Secretary; and Mr. Paulo Cezar Aragão, counsel to the Company.

AGENDA: I – At the Annual Shareholders’ Meeting: (1) To approve the management accounts and the Financial Statements relating to the fiscal year ended on December 31, 2018; (2) To resolve on the allocation of net income of the fiscal year ended on December 31, 2018; (3) To resolve on the number of members to compose the Board of Directors; (4) To elect the members of the Board of Directors of the Company; (5) To ratify the global remuneration actually paid to the Executive Board in the fiscal year of 2018; (6) To approve the global remuneration of the members of the Board of Directors for the fiscal year of 2019, including the best estimate of the payroll charges amount, as directed by CVM; (7) To approve the global remuneration of the members of the Executive Board for the fiscal year of 2019, including the best estimate of the payroll charges amount, as directed by CVM; (8) Once the Fiscal Council is installed, to elect its members; and (9) Once the Fiscal Council is installed, to set its global remuneration pursuant to the corporate law. **II – At the Extraordinary Shareholders’ Meeting:** (1) To resolve on the following amendments to B3’s Bylaws, as detailed in the mark-

up version of the Management Proposal: (a) to change the Company's capital stock pursuant to the resolution of the Board of Directors in the meeting held on December 14, 2018; (b) to modify the attributions of the management bodies in order to optimize the Company's decision-making and governance proceedings; (c) to simplify the wording of the statutory provisions, including deleting content merely replicated from existing laws and regulations; (d) to amend the wording of article 76, Paragraph 1, accordingly to CVM's Legal Opinion No. 38; (e) exclusion of the transitional provision set forth in article 79 in light of the expiration of its term; (f) other writing, cross-reference and renumbering adjustments; and (g) to consolidate such amendments to the Bylaws and those approved in the Extraordinary Shareholders' Meeting held on May 4, 2018; and (2) To resolve on the amendments to the Company's Stock Awards Plan.

RESOLUTIONS: Considering that the reading of the consolidated voting map of the votes cast by the remote voting forms was waived, which remained available for the consultation of the attending shareholders, pursuant to paragraph 4 of article 21-W of CVM Instruction No. 481/2009, the following resolutions were resolved, with the abstention of those impeded by law, being the draft of these minutes in the summary form duly authorized, as well as the publication thereof without the signatures of the shareholders, as permitted by article 130, paragraphs 1 and 2, of Law No. 6.404/76:

I – In the Annual Shareholders' Meeting:

(1) To approve, by unanimous vote of the attending shareholders, with 1,080,922,576 affirmative votes and 206,768,164 abstentions, without reservations, the management accounts and the Financial Statements relating to the fiscal year ended on December 31, 2018, together with the Notes, Opinion of EY Auditores Independentes and the Audit Committee Report. The abstention managers in this item was registered.

(2) To approve, by unanimous vote of the attending shareholders, with 1,217,083,099 affirmative votes and 70,607,641 abstentions, the proposed allocation of net income of the fiscal year ended on December 31, 2018, corresponding to R\$2,087,444,014.82, as follows:

(i) R\$1,434,999,512.28 to the account of mandatory dividends, which has already been fully paid to the shareholders by means of interest on equity during the fiscal year of 2018; and

(ii) R\$652,444,502.54 for the establishment of the statutory reserve for investments and composition of the Company's safeguard funds and mechanisms.

(3) To approve, by unanimous vote of the attending shareholders, with 1,217,850,946 affirmative votes and 69,839,794 abstentions, that the Board of Directors shall be composed of 11 members.

(4) To approve, by majority vote of the attending shareholders, with 1,196,414,817 affirmative votes, 7,333,186 dissenting votes; and 83,942,737 abstentions, the election, pursuant to the provisions of the Bylaws, of the persons indicated below as members of the Company's Board of Directors, with a term of office until the Annual Shareholders' Meeting that approves the financial statements of the fiscal year ending on December 31, 2020: (i) as Members of the Board of Directors, Messrs. **CASSIANO RICARDO SCARPELLI**, Brazilian, married, economist, holder of Identity Card RG No. 16.290.774-6 SSP/SP, and enrolled with the CPF/MF under No. 082.633.238-27; **EDUARDO MAZZILLI DE VASSIMON**, Brazilian, married, economist, holder of Identity Card RG No. 9.539.448-5, and enrolled with the

CPF/MF under No. 033.540.748-09; **JOSÉ DE MENEZES BERENGUER NETO**, Brazilian, married, bank employee, holder of Identity Card RG No. 13.864.600-4, and enrolled with the CPF/MF under No. 079.269.848-76; **JOSÉ ROBERTO MACHADO FILHO**, Brazilian, married, engineer, holder of Identity Card RG No. 17.421.547-2, and enrolled with the CPF/MF under No. 116.001.028-59; and (ii) as Independent Members of the Board of Directors, Messrs. **ANA CARLA ABRÃO COSTA**, Brazilian, separated, economist, holder of Identity Card RG No. 1308423/SSP-GO and enrolled with the CPF/MF under No. 836.130.727-34; **ANTONIO CARLOS QUINTELLA**, Brazilian, married, economist, holder of Identity Card RG No. 32.700.828-3, and enrolled with the CPF/MF under No. 864.614.277-91; **CLAUDIA FARKOUH PRADO**, Brazilian, married, lawyer, holder of Identity Card RG No. 9.700.965-9 – SSP-SP, and enrolled with the CPF/MF under n° 063.836.428-04; **EDGAR DA SILVA RAMOS**, Brazilian, married, economist, holder of Identity Card RG No. 2.089.942-3, and enrolled with the CPF/MF under No. 156.899.567-91; **FLORIAN BARTUNEK**, Brazilian, married, administrator de companies, holder of Identity Card RG No. 011.020.310-6 IFP/RJ, and enrolled with the CPF/MF under No. 004.672.367-63; **GUILHERME AFFONSO FERREIRA**, Brazilian, steady union, engineer, holder of Identity Card RG No. 4.405.163-3 SSP/SP, enrolled with the CPF/MF under No. 762.604.298-00; and **JOSÉ LUCAS FERREIRA DE MELO**, Brazilian, divorced, accountant, holder of Identity Card RG No. 403.933 SSP/DF, and enrolled with the CPF/MF under No. 117.307.901-78; all with address at Praça Antonio Prado, 48, 7th floor, Downtown, São Paulo, State of São Paulo. According to the representations provided by the Independent Members of the Board of Directors hereby elected, all of them meets the independence requirements set forth in the Novo Mercado Regulations.

The members of the Board of Directors hereby elected shall be invested in office upon presentation of the: (i) respective instrument of investiture, registered in the appropriate book with the representations required by the applicable law and regulations; (ii) non-liability statement for the purposes of Article 147 of Law No. 6.404/76 and of Article 2 of CVM Instruction No. 367/02; and (iii) declaration of any securities held which have been issued by the Company, its controlled companies or companies of the same group, pursuant to the provisions of Article 157 of Law No. 6.404/76.

(5) To approve, by majority vote of the attending shareholders, with 1,183,717,571 affirmative votes, 740,455 dissenting votes; and 103,232,714 abstentions, the ratification of the payments made to the Executive Board in the fiscal year of 2018 in the amount of R\$52,223,760.10, according to the Management Proposal.

(6) To approve, by majority vote of the attending shareholders, with 1,115,923,947 affirmative votes, 91,309,011 dissenting votes; and 80,457,782 abstentions, the fixation of the annual global remuneration of the Board of Directors for the current fiscal year in the amount of up to R\$18,204 thousand, pursuant to the provisions of the Management Proposal.

(7) To approve, by majority vote of the attending shareholders, with 1,121,021,161 affirmative votes, 76,454,432 dissenting votes; and 90,215,147 abstentions, the fixation of the annual global remuneration of the Executive Board for the current fiscal year in the amount of R\$81,502 thousand, pursuant to the provisions of the Management Proposal.

(8) To register the installation of the Fiscal Council, requested by shareholders holding shares representing more than 2% of the total capital stock of the Company and to approve, by unanimous vote of the attending shareholders, with 1,207,545,630 affirmative votes and 80,145,110 abstentions, the election, pursuant to the provisions of the Bylaws, of the following

people to compose the Fiscal Council of the Company, with a term of office until the Annual Shareholders' Meeting that approves the financial statements of the fiscal year ending on December 31, 2019: (i) **ÂNGELA APARECIDA SEIXAS**, Brazilian, accountant, holder of Identity Card RG No. 11.769.058-2 SSP/SP, and enrolled with the CPF/MF under No. 011.500.868-31, as sitting member of the Fiscal Council; and **GILBERTO LOURENÇO DA APARECIDA**, Brazilian, economist, holder of Identity Card RG No. 02681429850 DETRAN/DF, and enrolled with the CPF/MF under No. 377.114.076/53, as her alternate; (ii) **GUY ANDRADE**, Brazilian, accountant, holder of Identity Card RG No. 6.167.379, and enrolled with the CPF/MF under No. 771.729.228-91, as sitting member of the Fiscal Council; and **PAULO ROBERTO SIMÕES DA CUNHA**, Brazilian, accountant, holder of Identity Card RG No. 4840176, and enrolled with the CPF/MF under No. 567.047.048-68, as his alternate; (iii) **TEREZA CRISTINA GROSSI TOGNI**, Brazilian, accountant, holder of Identity Card RG No. M525840, and enrolled with the CPF/MF under No. 163.170.686-15, as sitting member of the Fiscal Council; and **MAURÍCIO FERREIRA DE SOUZA**, Brazilian, married, accountant, holder of Identity Card RG No. 07492863-1 SSP/RJ, and enrolled with the CPF/MF under No. 847.212.007-49, as her alternate; all with address at Praça Antonio Prado, 48, 7th floor, Downtown, São Paulo, State of São Paulo.

To register the presentation of the supporting documents relating to the compliance of the prior eligibility conditions set forth in article 162 of Law 6.404/76 by those elected for the Fiscal Council.

(9) To approve, by unanimous vote of the attending shareholders, with 1,192,755,103 affirmative votes and 94,935,637 abstentions, fixation of the annual global remuneration of the members of the Fiscal Council for the current fiscal year, in the amount of up to R\$331,200.00.

II – In the Extraordinary Shareholders' Meeting:

(2) To approve, by majority vote of the attending shareholders, with 643,908,029 affirmative votes, 520,257,429 dissenting votes; and 131,254,850, the amendments to the Company's Stock Awards Plan, pursuant to the Management Proposal.

CLOSING: There being no further business to be transacted, these minutes were drawn up and, after read and approved, were signed by all the attending ones. Shareholders: ABERDEEN STANDARD SICAV I - LATIN AMERICAN EQUITY FUND, ABERDEEN LATIN AMERICAN INCOME FUND LLC, UNIVERSAL-INVESTMENT-GESELLSCHAFT MBH ON BEHALF OF BAYVK A2-FONDS, ABERDEEN STANDARD SICAV I - BRAZIL EQUITY FUND, BAILLIE GIFFORD GLOBAL ALPHA FUND, COMGEST GROWTH PLC, RBC QUANT EMERGING MARKETS EQUITY LEADERS ETF, BAILLIE GIFFORD EMERGING MARKETS FUND, MANULIFE SENTINEL INCOME (33) FUND UT, FONDACO LUX EMERGING MARKETS EQUITY, STICHTING JURIDISCH EIGENAAR ACTIAM BELEGGINGSFONDSEN, COMGEST GROWTH PLC - COMGEST GROWTH EMERGING MARKETS EX CHINA, HSBC GLOBAL INVESTMENT FUNDS - BRAZIL EQUITY, HSBC GLOBAL INVESTMENT FUNDS - ECONOMIC SCALE GEM EQUITY, HSBC GLOBAL INVESTMENT FUNDS - LATIN AMERICAN EQUITY, FIDELITY FUNDS SICAV, LOMBARD ODIER FUNDS, PINEHURST PARTNERS, L.P., FIDELITY FUNDS - LATIN AMERICA FUND, AJO EMERGING MKTS SHORTENABLED FUND, OPP ICAV OPP DEV MKTS Q SRI U FUND, OPPENHEIMERFUNDS ICAV/O D M, ARROWSTREET INTERNATIONAL EQUITY EAFE ALPHA EXTENSION CIT, NUSHARES ESG EMERGING MARKETS EQUITY ETF, FIDELITY UCITS II ICAV / FIDELITY M, IT NOW IFNC FUNDO DE ÍNDICE,

JNL/BLACKROCK GLOBAL ALLOCATION FUND, JNL/MELLON CAPITAL EMERGING MARKETS INDEX FUND, OPTIMIX WHOLESALE GLOBAL EMERGING MARKETS SHARE TRUST, TEMPLETON GLOBAL INVESTMENT TRUST-TEMPLETON EMERGING MARKETS BALANCED FUND, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400045835, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400045836, CORONATION GLOBAL EMERGING MARKETS EQUITY FUND, (A PORTFOLIO OF CORONATION UNIVERSAL FUND), T. ROWE PRICE GLOBAL ALLOCATION FUND, INC., GOVERNMENT PENSION FUND, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400045841, FIDELITY DIVERSIFIED INTERNATIONAL COMMINGLED POOL, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MUTB400045792, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MUTB400045794, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400045828, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400045829, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MUTB400045795, MORGAN STANLEY INVESTMENT FUNDS GLOBAL BALANCED INCOME FUND, OPPENHEIMER GLOBAL MULTI-ASSET GROWTH FUND, MORGAN STANLEY INVESTMENT FUNDS BREAKOUT NATIONS FUND, KAPITALFORENINGEN INSTITUTIONEL INVESTOR, LATINAMERIKANSKE AKTIER, CGMPV, LLC, VANTAGETRUST III MASTER COLLECTIVE INVESTMENT FUNDS TRUST, ZURICH INVESTMENTS CONCENTRATED GLOBAL GROWTH SCHEME, MORGAN STANLEY INVESTMENT FUNDS GLOBAL BALANCED DEFENSIVE FUND, MORGAN STANLEY INVESTMENT FUNDS GLOBAL BALANCED FUND, OPPENHEIMER GLOBAL ALLOCATION FUND, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400045849, VANGUARD EMERGING MARKETS STOCK INDEX FUND, MULTI-MANAGER INTERNATIONAL EQUITY STRATEGIES FUND, ROBECO UMBRELLA FUND I N.V., SCRI - ROBECO QI CUSTOMIZED EMERGING MARKETS ENHANCED INDEX EQUITIES FUND, SCRI - ROBECO QI INSTITUTIONAL EMERGING MARKETS ENHANCED INDEX EQUITIES FUND, GOLDMAN SACHS TRUST - GOLDMAN SACHS ESG EMERGING MARKETS EQUITY FUND, CORONATION GLOBAL EMERGING MARKETS FLEXIBLE ZAR FUND, ARTISAN DEVELOPING WORLD FUND, ARTISAN INTERNATIONAL FUND, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FOR MTBJ400076323, EQ ADVISORS TRUST - EQ/INVESCO INTERNATIONAL GROWTH PORTFOLIO, MORGAN STANLEY INVESTMENT FUNDS GLOBAL COUNTERPOINT FUND, VANGUARD ESG INTERNATIONAL STOCK ETF, ARTISAN PARTNERS GLOBAL FUNDS PUBLIC LIMITED COMPANY, SCHRODER SUSTAINABLE MULTI-FACTOR EQUITY FUND, ROBECO CAPITAL GROWTH FUNDS, COMMINGLED PENSION TRUST FUND EMERGING MARKETS RESEARCH ENHANCED EQUITY OF JPMORGAN CHASE BANK NA, JPMORGAN EMERGING MARKETS RESEARCH ENHANCED EQUITY FUND, AUSTRALIANSUPER PTY LTD AS TRUSTEE FOR THE AUSTRALIANSUPER, BOMBARDIER TRUST (U.S.) MASTER TRUST, BRITISH COAL STAFF SUPERANNUATION SCHEME, BUREAU OF LABOR FUNDS-LABOR INSURANCE FUND, CAPITAL WORLD GROWTH AND INCOME FUND, JP MORGAN CHASE RETIREMENT PLAN, COLUMBIA EMERGING MARKETS FUND, CORONATION GLOBAL OPPORTUNITIES FUND, EQ ADVISORS TRUST - AXA GLOBAL EQUITY MANAGED VOLATILITY PORTFOLIO, EUROPACIFIC GROWTH FUND, FIDELITY ADVISOR SERIES VIII: FIDELITY ADVISOR EMERGING MARKETS FUND, FIDELITY INVESTMENT TRUST: FIDELITY DIVERSIFIED INTERNATIONAL FUND, FIDELITY INVESTMENT TRUST: FIDELITY EMERGING MARKETS FUND, FIDELITY INVESTMENT TRUST: FIDELITY WORLDWIDE FUND,

FIDELITY INVESTMENTS MONEY MANAGEMENT INC., FRANKLIN TEMPLETON INVESTMENT FUNDS, GOLDMAN SACHS TRUST - GOLDMAN SACHS EMERGING MARKETS EQUITY FUND, INTERNATIONAL GROWTH AND INCOME FUND, JPMORGAN LIFE LIMITED, JPMORGAN BRAZIL INVESTMENT TRUST PLC, JPMORGAN FUNDS, JAPAN TRUSTEE SERVICES BANK,LTD AS TRUSTEE FOR THE SUMITOMO TRUST & BANKING CO.,LTD AS TRUSTEE FOR MORGAN STANLEY LATIN AMERICA EQUITY FUND (FOR QUALIFIED INSTITUTIONAL INVESTORS ONLY), BUREAU OF LABOR FUNDS-LABOR PENSION FUND, BUREAU OF LABOR FUNDS-LABOR PENSION FUND, BUREAU OF LABOR FUNDS-LABOR PENSION FUND, MINeworkers`PENSION SCHEME, MORGAN STANLEY INVESTMENT FUNDS EMERGING MARKETS EQUITY FUND, MORGAN STANLEY INVESTMENT FUNDS LATIN AMERICAN EQUITY FUND, NEW WORLD FUND INC., OPPENHEIMER DEVELOPING MARKETS FUND, PUBLIC EMPLOYEES RETIREMENT SYSTEM OF OHIO, RETIREMENT PLAN FOR EMPLOYEES OF AETNA INC, T.ROWE PRICE EMERGING MARKETS STOCK FUND, T.ROWE PRICE FUNDS SICAV, T.ROWE PRICE I INT FUNDS, INC. ON BEHALF OF ITS SEPARATE SER T.ROWE PRICE IEMER MARKET EQUITY FUND, T.ROWE PRICE INTERNATIONAL FUNDS: T.ROWE PRICE LATIN AMERICA FUND, T. ROWE PRICE RETIREMENT HYBRID TRUST, T.ROWE PRICE T CO,TRT OF THE INT COMMON T FUND ON BEHALF OF ITS UNDERLYING T, EMERGING MARKETS E T, FRANKLIN TEMPLETON VARIABLE INSURANCE PRODUCTS TRUST - TEMPLETON DEVELOPING MARKETS VIP FUND, TEMPLETON DEVELOPING MARKETS TRUST, TEMPLETON EMERGING MARKETS FUND, TEMPLETON EMERGING MARKETS FUND (US), TEMPLETON EMERGING MARKETS INVESTMENT TRUST PLC, TFL TRUSTEE COMPANY LIMITED, THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS MASTER TRUST, THE BOEING COMPANY EMPLOYEE RETIREMENT PLANS MASTER TRUST, THE CHURCH COMMISSIONERS FOR ENGLAND, THE INCOME FUND OF AMERICA, JPMORGAN FUND ICVC - JPM EMERGING MARKETS FUND, VANGUARD TOTAL INTERNATIONAL STOCK INDEX FUND, A SERIES OF VANGUARD STAR FUNDS, ZURICH INVESTMENTS UNHEDGED GLOBAL GROWTH SHARE SCHEME, ALLIANZ EQUITY EMERGING MARKETS 1, LUBECK ACTIONS MONDE, MAGELLAN, PREDIQUANT A3, LCL ACTIONS EMERGENTS, BLACKWELL PARTNERS LLC, CAPITAL INTERNATIONAL FUND, a. Anderson Carlos Koch; FI ELO ACOES INVESTIMENTO NO EXTERIOR, NUCLEO MASTER FUNDO DE INVESTIMENTO DE ACOES, NUCLEO AGULHAS NEGRAS FUNDO DE INVESTIMENTO DE ACOES, SCHF (M) PV, L.P., NCIP MASTER FIA, NUCLEO MATTEHOR, AURORA BRAZIL, LLC, BARTHE HOLDINGS LLC, TYLER FINANCE LLC, CONSTELLATION MASTER FUNDO DE INVESTIMENTO DE ACOES, CONSTELLATION BTG PREVIDENCIA FUNDO DE INVESTIMENTO PREVIDEN, CONSTELLATION SULAMERICA PREV FUNDO DE INVESTIMENTO MULTIMER, CONSTELLATION COMPOUNDERS FIA, CONSTELLATION ICATU 70 PREV FIM, CONSTELLATION LONG BIASED FUNDO DE INVESTIMENTO EM ACOES, NEO NAVITAS MASTER FIA, FP NEO TOTAL RETURN FUNDO DE INVESTIMENTO EM ACOES, VELT MASTER FUNDO DE INVESTIMENTO EM ACOES, VELT MASTER INSTITUCIONAL FUNDO DE INVESTIMENTO EM ACOES, M SQUARE ALISIO FIA, VELT BV FUNDO DE INVESTIMENTO EM ACOES IE, FIM SANTA CRISTINA IE CREDITO PRIVADO, HAMBURGO FUNDO DE INVESTIMENTO MULTIMERCADO CREDITO PRIVADO, ITCA MULTIMERCADO CREDITO PRIVADO - FUNDO DE INVESTIMENTO, OURO BRANCO MULTIMERCADO CREDITO PRIVADO - F DE INVESTIMENTO, FIA SABESPREV JGP INSTITUCIONAL BDR NIVEL I, GERDAU PREVIDENCIA FIA 02, FCOPEL FUNDO DE INVESTIMENTO EM ACOES I, CLARITAS

VALOR FIA, CLARITAS TOTAL RETURN MASTER FIM, CLARITAS LONG SHORT MASTER FUNDO INVESTIMENTO MULTIMERCADO, DIDNER GERGE GLOBAL, 1199 HEALTH CARE EMPLOYEES PENSION FUND, 3M EMPLOYEE RETIREMENT INCOME PLAN TRUST, ACADIAN EMERGING MARKETS EQUI, ACADIAN EMERGING MARKETS EQUITY II FUND LLC, ADEPT INVESTMENT MANAGEMENT PLC, ADVANCED SERIES TR AST BLACKROCK GL STRATEGIES PORTFOLIO, ADVANCED SERIES TRUST - AST PRUDENTIAL FLEXIBLE M-S P, ADVANCED SERIES TRUST AST GOLDMAN SACHS MULTI ASSET PORTFO, ADVANCED SERIES TRUST AST J.P. MORGAN S O PORTFOLIO, ADVANCED SERIES TRUST AST PARAMETRIC EME PORTFOLIO, ADVANCED SERIES TRUST AST PRUDENTIAL GROWTH ALLOCATION POR, ADVANCED SERIES TRUST AST T. ROWE PRICE DIVERSIFIED R G P, ADVANCED SERIES TRUST AST WELLINGTON MANAGEMENT REAL T R P, ADVANCED SERIES TRUST-AST FID INST AMSM QUANTITATIVE PORTF, ADVISER MANAGED TRUST TACTICAL OFFENSIVE EQUITY FUND, ADVISORS INNER CIRCLE FUND ACADIAN E.M.PORTF, ALASKA COMMON TRUST FUND, ALASKA ELECTRIAL PENSION PLAN, ALGER EMERGING MARKETS FUND, ALGER SICAV ALGER EMERGING MARKETS FUND, ALLIANCE TRUST PLC, ALLIANCEBERNSTEIN DELAWARE BUSINESS TRUST A I ALL C P S, ALLIANZ GLOBAL INVESTORS FUND - ALLIANZ GLOBAL DIVIDEND, ALLIANZ GLOBAL INVESTORS FUND - ALLIANZ GLOBAL EQUITY INSIGH, ALLIANZ GLOBAL INVESTORS GMBH. FOR ALLIANZ EMER MK EQU DIVID, AMERGEN CLINTON NUCLEAR POWER PLANT NONQUALIFIED FUND, AMERICAN CENT STRAT ASSET ALLOCATIONS INC. STRATEG A AG F, AMERICAN CENTURY MULTIPLE INVESTMENT TRUST, AMERICAN CENTURY RETIREMENT DATE TRUST, AMERICAN CENTURY SICAV, AMERICAN CENTURY STRATEGIC ASSET ALLOCATIONS INC. STR A M F, AMERICAN CENTURY WORLD MUTUAL FD INC NT EMERGING MARKETS FD, AMERICAN CENTURY WORLD MUTUAL FUNDS INC EMERG MARKETS FUND, AMERICAN CENTURY WORLD MUTUAL FUNDS INC GLOBAL GROWTH FUND, AMERICAN HEART ASSOCIATION INC., AMERICAN HONDA MOTOR CO. RETIR, AMF PENSIONSFORESAKRING AB, AQUILA EMERGING MARKETS FUND, ARIZONA PSPRS TRUST, ARROWSTREET (CANADA) GLOBAL ALL-COUNTRY ALPHA EXT FUND I, ARROWSTREET ACWI EX US ALPHA ESTENSION TRUST FUND, ARROWSTREET CANADA GLOBAL ALL COUNTRY FUND I, ARROWSTREET CANADA GLOBAL ALL COUNTRY FUND II, ARROWSTREET CANADA GLOBAL WORLD ALPHA EXTENSION FUND I, ARROWSTREET CAPITAL GLOBAL ALL COUNTRY ALPHA EXTENSION FUND, ARROWSTREET CAPITAL IRELAND LIMITED FOR AND ON BEHALF OF ARR, ARROWSTREET COLLECTIVE INVESTMENT TRUST, ARROWSTREET EMERGING MARKET ALPHA EXTENSION TRUST, ARROWSTREET EMERGING MARKETS FUND, ARROWSTREET GLOBAL EQUITY ACWI TRUST FUND, ARROWSTREET GLOBAL EQUITY FUND, ARROWSTREET INTERNATIONAL EQUITY ACWI EX US ALPHA EXT T FUND, ARROWSTREET INTERNATIONAL EQUITY ACWI EX US TRUST FUND, ARROWSTREET US GROUP TRUST, ARTISAN MULTIPLE INVESTMENT TRUST, ASCENSION ALPHA FUND LLC, ASCENSION HEALTH MASTER PENSIO, ATAULFO LLC, ATT SAVINGS GROUP INVESTMENT TRUST, AXA WORLD FUNDS FRAMLINGTON EMERGING MARKETS, AXIOM INVESTORS COLLECTIVE INVESTMENT TRUST, AXIOM INVESTORS TRUST II, AZL BLACKROCK GLOBAL ALLOCATION FUND, BAILL GIFF GL ALP GR FD A S FD OF BAILL GIFF UK A B FD ICVC, BAILL GIFF INTERNAT FD A S FD OF BAILL GIFF UK &BAL FD ICVC, BAILLIE G WORLDWIDE FUNDS PLC / BAILLIE GIFFORD GLOBAL A F, BAILLIE GIFFORD EMERGING MARKETS GROWTH FUND, BAILLIE GIFFORD

EMMERGING MARKETS LEADING COMPANIES FUND, BAILLIE GIFFORD GLOBAL INCOME GROWTH FUND, BAILLIE GIFFORD MULTI ASSET INCOME FUND, BAILLIE GIFFORD RESPONSIBLE GLOBAL EQUITY INCOME F, BAILLIE GIFFORD W. FUNDS PLC/BAILLIE G. W. G. A. C. F., BAILLIE GIFFORD WORLDWIDE F PLC/BAILLIE G W E M L COMP FUND, BANK SINOPAC-PINEBRIDGE BRIIC INFRASTRUCTURE EQUITY FUND, BARINGS GLOBAL EMERGING MARKETS EQUITY FUND, BARON COLLECTIVE INVESTMENT TRUST, BARON EMERGING MARKETS FUND, BARON EMERGING MARKETS FUND LTD., BBH GQG PARTNERS EMERGING MARKETS EQUITY MASTER FU, BELL ATLANTIC MASTER TRUST, BELLSOUTH CORPORATION RFA VEBA TRUST, BERESFORD FUNDS PUBLIC LIMITED COMPANY, BIMCOR GLOBAL EQUITY POOLED FUND, BLACKROCK A. M. S. AG ON B. OF I. E. M. E. I. F. (CH), BLACKROCK ADVANTAGE GLOBAL FUND INC, BLACKROCK CDN MSCI EMERGING MA, BLACKROCK EMERGING MARKETS LONG/SHORT EQUITY FUND OF BLACKRO, BLACKROCK GLOBAL ALLOC V.I. FD OF BLACKROCK VAR SER FDS, INC, BLACKROCK GLOBAL ALLOCATION FUND (AUST), BLACKROCK GLOBAL FUNDS-GLOBAL ALLOCATION FUND, BLACKROCK GLOBAL FUNDS-GLOBAL DYNAMIC EQUITY FUND, BLACKROCK GLOBAL INDEX FUNDS, BLACKROCK INSTITUTIONAL TRUST, BLACKROCK LATIN AMERICAN FUND INC, BLACKROCK LATIN AMERICAN INVESTMENT TRUS, BLACKROCK LIFE LIMITED, BLACKROCK LIFE LIMITED DC OVERSEAS EQUITY FUND, BLACKROCK STRATEGIC FUNDS BLACKROCK SYSTEMATIC GLOBAL E F, BLAKROCK GLOBAL ALLOCATION FUND INC, BMO MSCI EMERGING MARKETS INDEX ETF, BMO PRIVATE EMERGING MARKETS EQUITY PORTFOLIO, BNY MELLON TR DEP (UK) LIM AS T OF IS EM MK EQ I FD (UK), BOARD OF PENSIONS OF THE EVANGELICAL LUTHERAN CHURCH IN AMER, BOC PENSION INVESTMENT FUND, BRIDGEWATER PURE ALPHA STERLING FUND, LTD., BRIDGEWATER PURE ALPHA TRADING COMPANY II, LTD., BRIDGEWATER PURE ALPHA TRADING COMPANY LTD., BRIGHHOUSE FUNDS TRUST I - B/ARTISAN INTERNATIONAL PORTF, BRITISH AIRWAYS PEN TRUSTEES LTD MAIN A/C, BRITISH AIRWAYS PENSION TRUSTEES LTD. MPF A/C, BRITISH COLUMBIA INVESTMENT MA, BROWN ADVISORY LATIN AMERICAN FUND, CADENCE GLOBAL EQUITY FUND L.P., CADMOS FUND MANAGEMENT GUILÉ EMERGING MARKETS EF, CAISSE DE DEPOT ET PLACEMENT DU QU, CALIFORNIA IRONWORKERS FIELD PENSION TRUST, CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM, CANADA PENSION PLAN INVESTMENT BOARD, CANADIAN PACIFIC RAILWAY COMPANY PENSION TR F, CARESUPER, CASEY FAMILY PROGRAM, CATERPILLAR INC GR INSUR P T, CATERPILLAR INC MASTER RETIR T, CATERPILLAR INVESTMENT TRUST, CATHOLIC HEALTH EAST CONSOLIDATED MASTER RETIREMENT TRUST, CATHOLIC HEALTH INITIATIVES, CAVENDISH ASSET MANAGEMENT LIMITED, CDN ACWI ALPHA TILTS FUND, CENTRAL PROVIDENT FUND BOARD, CENTURYLINK INC. DEFINED BENEFIT MASTER TRUST, CENTURYLINK INC. DEFINED CONTRIBUTION PLAN MASTER TRUST, CF DV EMERGING MARKETS STOCK INDEX FUND, CHANG HWA COM BK LTD IN ITS CAP AS M CUST OF P LAT A EQ FD, CHARLOTTE MECKLENBURG HOSPITAL AUTHORITY D/B/A CAR, CHESHIRE PENSION FUND, CHEVRON MASTER PENSION TRUST, CHEVRON UK PENSION PLAN, CHI OPERATING INVESTMENT PROGRAM LP, CHUNGHWA POST CO LTD, CHURCH OF ENGLAND INVESTMENT FUND FOR PENSIONS, CIBC BALANCED FUND, CIBC EMERGING MARKETS INDEX FUND, CIBC GLOBAL EQUITY GROWTH POOL, CIBC GLOBAL MONTHLY INCOME FUND, CIBC MONTHLY INCOME FUND, CITI RETIREMENT SAVINGS PLAN, CITIGROUP PENSION PLAN, CITITRUST LIM AS TR

OF BLACK PREMIER FDS- ISH WOR EQU IND FD, CITY OF FRESNO RETIREMENT SYST, CITY OF NEW YORK DEFERRED COMPENSATION PLAN, CITY OF TALLAHASSEE, CMLA INTERNATIONAL SHARE FUND, COLLEGE RETIREMENT EQUITIES FU, COLONIAL FIRST STATE INVESTMENT FUND 10, COLONIAL FIRST STATE INVESTMENT FUND 50, COLORADO P E RET ASSOCIATION, COLUMBIA EM CORE EX-CHINA ETF, COMMONFUND EM QUANTITATIVE FOCUS FUND LLC, COMMONFUND SCREENED GLOBAL EQUITY, LLC, COMMONWEALTH BANK GROUP SUPER, COMMONWEALTH EMERGING MARKETS, COMMONWEALTH EMERGING MARKETS FUND 3, COMMONWEALTH EMERGING MARKETS FUND 4, COMMONWEALTH EMERGING MARKETS FUND 6, COMMONWEALTH EMERGING MARKETS FUND 7, COMMONWEALTH GLOBAL SHARE FUND, COMMONWEALTH SUPERANNUATION CORPORATION, COMPASS EMP EMERGING MARKET 500 VOLATILITY WEIGHTED INDEX E, CONSULTING GROUP CAPITAL MARKETS FUNDS INTER EQUITY FUND, CONSULTING GROUP CAPITAL MKTS FUNDS EMER MARKETS EQUITY FUND, CORPORATION OF LLOYD S, COUNTY AND MUNICIPAL GOVERNMENT CAPITAL IMPROVEMENT TRUST F., CURATORS OF THE UNIVERSITY OF MISSOURI AS TRUSTEE OF THE UNI, DESERET MUTUAL EMPLOYEE PENSION PLAN TRUST, DESERET MUTUAL MASTER RETIREMENT PLAN, DEUTSCHE LATIN AMERICA EQUITY FUND, DEUTSCHE X TRACKERS MSCI ALL WORLD EX US HEDGED EQUITY ETF, DEUTSCHE X-TRACKERS FTSE EMERGING COMPREHENSIVE FACTOR ETF, DGIA EMERGING MARKETS EQUITY FUND L.P., DIGNITY HEALTH, DOW RETIREMENT GROUP TRUST, DREYFUS OPPORTUNITY FUNDS DREYFUS STRATEGIC BETA E M E F, DUNHAM EMERGING MARKETS STOCK FUND, DUNHAM INTERNATIONAL STOCK FUN, EASTSPRING INVESTMENTS, EATON VANCE COLLECTIVE INVESTM, EATON VANCE INT IR F PLC EATON V INT IR PAR EM MKT FUND, EATON VANCE TR CO CO TR FD PA STR EM MKTS EQ COM TR FD, ELECTRICITY SUPPLY PENSION SCHEME, EM BRAZIL TRADING 2 LLC, EMER MKTS CORE EQ PORT DFA INV, EMERGING HIGH DIVIDEND EQUITY FUND, EMERGING MARKETS EQ FUND A SERIES OF 525 MARKET ST FUND LLC, EMERGING MARKETS EQUITY FUND, EMERGING MARKETS EQUITY INCOME FUND, EMERGING MARKETS EQUITY OPPORTUNITIES FUND, EMERGING MARKETS STOCK COMMON TRUST FUND, EMPLOYEES RET SYSTEM OF THE S, ENERGY INVESTMENT FUND, ENSIGN PEAK ADVISORS INC, ENVIRONMENT AGENCY ACTIVE PENS, EUROPEAN CENTRAL BANK, EUROPEAN EXCHANGE-TRADED FD CO, EVTC CIT FOF EBP EVTC PARAMETRIC SEM CORE EQUITY FUND TR, EXELON GENERATION COMP LLC TAX QUALIFIED NUCLEAR DECOMM PAR, FEDERATED GLOBAL ALLOCATION FUND, FIAM GROUP TRUST FOR EMPLOYEE BENEFIT PLANS, FIAM SELECT EMERGING MARKETS EQUITY FUND, LP, FIDELITY AD S VIII FIDELITY AD GL CAPITAL APP F, FIDELITY ADVISOR INT CAP APPRECIATION F, FIDELITY ADVISOR SER. VIII: DIVERSIF INTL FD, FIDELITY EMERGING MARKETS FUND, FIDELITY GROUP TRUST FOR EMPLOYEE BENEFIT PLANS: F I D C P, FIDELITY INV. TRUST: FIDELITY INTERNATIONAL DISCOVERY FUND, FIDELITY INVEST T F INTERNATIONAL CAPITAL APPRECIATION FUND, FIDELITY INVESTMENT TRUST FIDELITY TOTAL INTERNATIONAL EF, FIDELITY INVESTMENT TRUST: FIDELITY DIVERSIFIED INTERNATIONAL, FIDELITY INVESTMENT TRUST: FIDELITY FLEX INTERNATIONAL FUND, FIDELITY INVESTMENT TRUST: FIDELITY INTERNATIONAL CAPITAL AP, FIDELITY RUTLAND SQUARE TRUST II STRATEGIC A E M FUND, FIDELITY RUTLAND SQUARE TRUST II STRATEGIC ADVISERS INT F, FIDELITY RUTLAND SQUARE TRUST II: STRATEGIC ADVISE, FIDELITY SALEM STREET T: FIDELITY E M INDEX FUND, FIDELITY SALEM

STREET T: FIDELITY G EX U.S INDEX FUND, FIDELITY SALEM STREET T: FIDELITY TOTAL INTE INDEX FUND, FIDELITY SALEM STREET TRUST FIDELITY SAI EMERGING M I FUND, FIDELITY SALEM STREET TRUST FIDELITY SERIES G EX US I FD, FIDELITY SALEM STREET TRUST: FIDELITY FLEX INTERNATIONAL IND, FIDELITY SALEM STREET TRUST: FIDELITY INTERNATIONAL SUSTAINA, FIDELITY SALEM STREET TRUST: FIDELITY ZERO INTERNA, FIDELITY SELECT EMERGING MARKETS EQUITY INSTITUTIONAL TRUST, FIDELITY SELECT GLOBAL PLUS ALL CAP EQUITY INSTITUTIONAL TRU, FINANCIAL SECTOR DEVELOPMENT FUND, FIREMENS A A BEN FD OF CHICAGO, FIRST INIT INSURANCE LTD, FIRST STATE INVESTMENTS ICVC - FIRST STATE DIVERSIFIED G FUN, FIRST TRUST BICK INDEX FUND, FIRST TRUST BRAZIL ALPHADEx FUND, FIRST TRUST EMERGING MARKETS ALPHADEx FUND, FIRST TRUST GLL FUND PLC - FIRST TR EMERG MKTS ALPH UCITS ET, FIRST TRUST LATIN AMERICA ALPHADEx FUND, FISHER INVESTMENTS COLLECTIVE TRUST, FISHER INVESTMENTS EMERGING MARKETS EQUITY ESG UNI, FISHER INVESTMENTS EMERGING MARKETS EQUITY UNIT TRUST FUND, FISHER INVESTMENTS INSTITUTIONAL FUNDS PUBLIC LTD COMPANY, FISHER INVESTMENTS INSTITUTIONAL GROUP EMERGING MA, FISHER INVESTMENTS INSTITUTIONAL GROUP EMERGING MARKETS E F, FISHER INVESTMENTS INSTITUTIONAL GROUP EMERGING MARKETS EQUI, FLORIDA RET SYSTEM TRUST FUND, FLORIDA STATE BOARD OF ADMINISTRATION, FORD MOTOR COMPANY OF CANADA L PENSION TRUST, FRANCISCAN ALLIANCE INC., FRANKLIN TEMPLETON ETF TRUST - FRANKLIN FTSE BRAZI, FRANKLIN TEMPLETON ETF TRUST - FRANKLIN FTSE LATIN, FRANKLIN TEMPLETON ETF TRUST -FRANKLIN LIBERTY INTER OPP ETF, FRANKLIN TEMPLETON FUNDS TEMPLETON GLOBAL EMERGING MKTS FD, FRESNO COUNTY EMPLOYEES RET ASSOCIATION, FSS EMERGING MARKET EQUITY TRUST, FSS TRUSTEE CORPORATION, FUNDO DE SEGURANCA SOCIAL DO GOVERNO DA R ADM ESP DE MACAU, FUTURE FUND BOARD OF GUARDIANS, GALLAHER COMMON INVESTMENT FUND, GAM INV MAN SWITZ AG ON BEHALF OF SWIF EMER MKTS EQU INDEX, GAM INVESTMENT MANAGEMENT (SWITZERLAND) AG ON BEHA, GIVI GLOBAL EQUITY FUND, GLOBAL EMERGING MARKETS DISCOVERY - CANADA FUND, GLOBAL MACRO CAPITAL OPPORTUNITIES PORTFOLIO, GLOBAL OPPORTUNITIES UCITS UMBRELLA FUND PLC/GLOBAL OPP FUND, GMAM GROUP PENSION TRUST II, GMAM GROUP PENSION TRUST III, GMAM INVESTMENT FUNDS TRUST, GMO EMERGING DOMESTIC O E FUND A SUB FUND OF GMO FUND PLC, GMO EMERGING DOMESTIC OPPORTUNITIES FUND A SERIES OF GMO TR, GOLDMAN SACHS EMERGING MARKETS MULTI-ASSET PORTFOLIO, GOLDMAN SACHS ETF TRUST GOLDMAN S ACTIVEBETA E M E ETF, GOLDMAN SACHS FDS II GS MULTI MANAGER ALTERNATIVIES PORTF, GOLDMAN SACHS FUNDS - GOLDMAN SACHS BRICS EQUITY PORTFOLIO, GOLDMAN SACHS FUNDS - GOLDMAN SACHS E MARKETS EQ PORTFOLIO, GOLDMAN SACHS FUNDS - GOLDMAN SACHS EMERGING MARKE, GOLDMAN SACHS FUNDS - GOLDMAN SACHS GLOBAL ABSOLUTE RETURN P, GOLDMAN SACHS FUNDS II GOLDMAN SACHS GMS EMERGING MARKETS, GOLDMAN SACHS GIVI GLOBAL EQUITY GROWTH M TILT PORTFOLIO, GOLDMAN SACHS TRUST II GOLDMAN SACHS MULTI MANAGER G E FUND, GOLDMAN SACHS UK RETIREMENT PLAN, GOVERNMENT EMPL SUPER BOARD, GOVERNMENT OF SINGAPORE, GQG PARTNERS EMERGING MARKET EQUITY FUND - GQG GLOBAL UCITS, GQG PARTNERS EMERGING MARKETS EQUITY FUND, GQG PARTNERS EMERGING MARKETS EQUITY FUND (AUSTRALIA), GQG PARTNERS EMERGING MARKETS

EQUITY FUND-GQG PARTNERS S LLC, GROWTH MARKETS EQUITY SUB-TRUST N, GUIDESTONE FUNDS EMERGING MARKETS EQUITY FUND, HALLIBURTON CO EMPLOYEE BENEFIT MASTER TRUST, HARTFORD EMERGING MARKETS EQUITY FUND, HARTFORD HEALTHCARE CORPORATION DEFINED BENEFIT MASTER TRUST, HARTFORD HEALTHCARE ENDOWMENT LLC, HC CAPITAL TRUST THE EMERGING MARKETS PORTFOLIO, HC CAPITAL TRUST THE INSTITUTIONAL INTERNATIONAL EQUITY PORT, HC CAPITAL TRUST THE INTERNATIONAL EQUITY PORTFOLIO, HEALTHCARE EMPLOYEES PENSION PLAN MANITOBA, HEWLETT PACKARD COMPANY MASTER TRUST, HIGHLAND COLLECTIVE INVESTMENT TRUST, HIGHLAND EQUITY FUND, HONG KONG HOUSING SOCIETY, HOSPITAL AUTHORITY PROVIDENT FUND SCHEME, HOSTPLUS POOLED SUPERANNUATION TRUST, HPE COMMON CONTRACTUAL FUND, HSBC EMERGING MARKETS POOLED FUND, IBM 401 K PLUS PLAN, IBM DIVERSIFIED GLOBAL EQUITY, IG MACKENZIE STRATEGIC INCOME FUND, ILLINOIS MUNICIPAL RETIREMENT FUND, ILLINOIS TOOL WORKS INC. MASTER TRUST, IN BK FOR REC AND DEV AS TR FT ST RET PLAN AND TR RSBP AN TR, INSTITUTIONAL RETIREMENT TRUST, INTECH GLOBAL ALL COUNTRY ENHANCED INDEX FUND LLC, INTEGRA EMERGING MARKETS EQUITY FUND, INTERNATIONAL EQUITY FUND, INTERNATIONAL EXPATRIATE BENEFIT MASTER TRUST, INTERNATIONAL MONETARY FUND, INVESCO DEVELOPING MARKETS FUND, INVESCO GLOBAL GROWTH CLASS, INVESCO GLOBAL GROWTH EQUITY POOL, INVESCO GLOBAL GROWTH FUND, INVESCO GLOBAL SMALL MID CAP GROWTH FUND, INVESCO INSTITUTIONAL TRUST INTERNATIONAL GROWTH EQUITY FUND, INVESCO INTERNATIONAL GROWTH CLASS, INVESCO INTERNATIONAL GROWTH FUND, INVESCO INTERNATIONAL GROWTH FUND (CAN), INVESCO MSCI EMERGING MARKETS EQUAL COUNTRY WEIGHT ETF, INVESCO PUREBETASM FTSE EMERGING MARKETS ETF, INVESCO SP EMERGING MARKETS MOMENTUM ETF, INVESCO V.I. INTERNATIONAL GROWTH FUND, INVESTEC GLOBAL STRATEGY FUND, INVESTERINGSFORENINGEN INVESTIN K INVEST EMERGING MARKETS A, INVESTERINGSFORENINGEN INVESTIN, K INVEST GLOBALE AKTIER II, INVESTERINGSFORENINGEN L PENSIONSINVESTERING LPI A G VII AKK, INVESTERINGSFORENINGEN LAEGERNES PENSIONSINVESTERING L A G, INVESTORS GLOBAL CLASS, INVESTORS GLOBAL DIVIDEND FUND, INVESTORS GLOBAL FUND, INVESTORS WHOLESALE EMERGING MARKETS EQUITIES TRUST, IRISH LIFE ASSURANCE PLC, ISHARES (DE) I INVESTMENTAKTIENGESELLSCHAFT MIT TG, ISHARES CORE MSCI EMERGING MARKETS ETF, ISHARES CORE MSCI TOTAL INTERNATIONAL STOCK ETF, ISHARES EMERGING MARKETS FUNDAMENTAL INDEX ETF, ISHARES III PUBLIC LIMITED COM, ISHARES IV PUBLIC LIMITED COMPANY, ISHARES LATIN AMERICA 40 ETF, ISHARES MSCI ACWI ETF, ISHARES MSCI ACWI EX U.S. ETF, ISHARES MSCI ACWI LOW CARBON TARGET ETF, ISHARES MSCI BRAZIL ETF, ISHARES MSCI BRAZIL UCITS ETF USD (ACC), ISHARES MSCI BRIC ETF, ISHARES MSCI EM ESG OPTIMIZED ETF, ISHARES MSCI EMERGING MARKETS ETF, ISHARES MSCI EMERGING MARKETS EX CHINA ETF, ISHARES PUBLIC LIMITED COMPANY, ITAU FUNDS LATIN AMERICA EQUITY FUND, IVESCO FTSE RAFI EMERGING MARKETS ETF, IVY EMERGING MARKETS EQUITY FUND, JANA EMERGING MARKETS SHARE TRUST, JAPAN TRUSTEE SERVICES BANK LTD RE STB EMERGING MARKETS HI, JAPAN TRUSTEE SERVICES BANK LTD. RE STB DAIWA BRAZIL STOCK, JAPAN TRUSTEE SERVICES BANK LTD. RE STB DAIWA E E F I M F, JAPAN TRUSTEE SERVICES BANK LTD. SMTB EMERGING COUNTRY

DIVI, JAPAN TRUSTEE SERVICES BANK LTD. STB BRAZIL STOCK MOTHER FU, JAPAN TRUSTEE SERVICES BK LTD. RE RTB NIKKO BEA MOTHER FD, JJ PENSION FUND OFF, JNL INVESCO INTERNATIONAL GROWTH FUND, JOHN DEERE PENSION TRUST, JOHN HANCOCK FUNDS II INTERNATIONAL GROWTH STOCK FUND, JOHN HANCOCK FUNDS II INTERNATIONAL STRATEGIC EQUITY ALLOCAT, JOHN HANCOCK FUNDS II STRATEGIC EQUITY ALLOCATION FUND, JOHN HANCOCK VARIABLE INS TRUST INTERN EQUITY INDEX TRUST, JOHN HANCOCK VARIABLE INS TRUST INTERNAT GROWTH STOCK TRUST, JOHNSON JOHNSON UK GROUP RETIREMENT PLAN, JPMORGAN ETFS (IRELAND) ICAV, K INVESTMENTS SH LIMITED, KAISER FOUNDATION HOSPITALS, KAISER PERMANENTE GROUP TRUST, KAPITALFORENINGEN INVESTIN PRO GLOBAL EQUITIES I, KAPITALFORENINGEN LAEGERNES PENSIONSINVESTERING, LPI A G III, KAPITALFORENINGEN LAEGERNES PENSIONSINVESTERING, LPI AEM III, KBI DST EMERGING MARKET ESG FUND, KIEGER FUND I - KIEGER GLOBAL EQUITY FUND, KP INTERNATIONAL EQUITY FUND, LA FIRE AND POLICE PENSION SYS, LABORERS AND RETIREMENT BOARD EMPLOYEES ANNUITY BENEFIT, LACM EMERGING MARKETS FUND L.P, LACM EMII L.P., LACM GLOBAL EQUITY FUND L.P., LAUDUS INT MARKETSMATER FUND, LCIV GLOBAL ALPHA GROWTH FUND, LEGG MASON GLOBAL FUNDS PLC, LEHMAN BROTHERS ALPHA FUND PLC L B GL D G F, LELAND STANFORD JUNIOR UNIVERSITY, LF WALES PP GLOBAL GROWTH FUND, LOCKHEED MARTIN CORP MASTER RETIREMENT TRUST, LONDON LIFE INSURANCE COMPANY, LORD ASSET MANAGEMENT TRUST - THOMAS WHITE EMERGING M F, LOS ANGELES CAPITAL GLOBAL FUNDS PLC, LVIP SSGA EMERGING MARKETS EQUITY INDEX FUND, MACKENZIE CANADIAN LARGE CAP DIVIDEND FUND, MACKENZIE GLOBAL DIVIDEND FUND, MACKENZIE GLOBAL STRATEGIC INCOME FUND, MACKENZIE INCOME FUND, MACKENZIE STRATEGIC INCOME FUND, MACKENZIE USD GLOBAL STRATEGIC INCOME FUND, MAINSTAY MACKAY EMERGING MARKETS EQUITY FUND, MAINSTAY VP EMERGING MARKETS EQUITY PORTFOLIO, MANAGED PENSION FUND LIMITED, MANULIFE GLOBAL FUND, MARQUIS INSTITUTIONAL GLOBAL EQUITY PORTFOLIO, MARYLAND STATE RETIREMENT & PE, MASSMUTUAL PREMIER STRATEGIC EMERGING MARKETS FUND, MASSMUTUAL SELECT BLACKROCK GLOBAL ALLOCATION FUND, MASSMUTUAL SELECT T. ROWE PRICE INTERNATIONAL EQUI, MASTER TRUST FOR DEFINED CONTRIBUTION PLANS OF AME, MAWER EMERGING MARKETS EQUITY FUND, MDPIM EMERGING MARKETS EQUITY POOL, MERCER EMERGING MARKETS EQUITY FUND, MERCER EMERGING MARKETS FUND, MERCER EMERGING MARKETS SHARES FUND, MERCER GLOBAL EQUITY FUND, MERCER OSS TRUST, MERCER QIF FUND PLC, MERRIL LYNCH INT INV FUNDS, MFS EMERGING MARKETS EQUITY FUND, MFS EMERGING MARKETS EQUITY FUND CAN, MFS EMERGING MARKETS EQUITY TRUST, MFS INVESTMENT FUNDS EMERGING MARKETS EQUITY FUND, MFS MERIDIAN FUNDS EMERGING MARKETS EQUITY FUND, MFS MERIDIAN FUNDS LATIN AMERICAN EQUITY FUND, MFS VARIABLE INSURANCE TRUST II MFS E M EQUITY PORTFOLIO, MGI FUNDS PLC, MICHELIN NORTH AMERICA INC. MASTER RETIREMENT TRUST, MIP ACTIVE STOCK MASTER PORTFOLIO, MML STRATEGIC EMERGING MARKETS FUND, MONSANTO COM DEFINED CONTRITUTION AND EM STOCK O TRUST, MONSANTO COMPANY MASTER PENSION TRUST, MONTANA BOARD OF INVESTMENTS, MONTBER S.A., MORGAN S INV MAN EM MKTS TRUST, MORGAN STANLEY DEFINED CONTRIBUTION MASTER TRUST, MORGAN STANLEY I F, INC. - EM M BREAKOUT NATIONS PORTFOLIO, MORGAN STANLEY INST FD INC EM

MKTS PORTFOLIO, MORGAN STANLEY INSTITUTIONAL FUND, INC - GLOBAL CO, MORGAN STANLEY VARIABLE I.F. INC, E. M. EQUITY PORTFOLIO, MORNINGSTAR INTERNATIONAL EQUITY FUND, A SERIES OF, MRC PENSION SCHEME, MT TOTAL RETURN FUND, MULTI MANAGER ICVC MULTI MANAGER INTL EQ FD, MULTIFLEX SICAV, MUNICIPAL E ANNUITY A B FUND O, NAT WEST BK PLC AS TR OF ST JAMES PL GL EQUITY UNIT TRUST, NATIONAL COUNCIL FOR SOCIAL SE, NATIONAL ELEVATOR INDUSTRY PENSION PLAN, NATIONWIDE MAXIMUM DIVERSIFICATION EMERGING MARKET, NAVARRO 1 FUND LLC, NEI NORTHWEST EMERGING MARKETS FUND, NEPTUNE INVESTMENT FUNDS NEPTUNE LATIN AMERICA FUND, NEUBERGER BERMAN EMERGING MARKETS EQUITY TRUST, NEUBERGER BERMAN EQUITY FUNDS EMERGING MARKETS EQUITY FUND, NEUBERGER BERMAN INVESTMENT FUNDS PLC, NEUBERGER BERMAN TRUST COMPANY N.A. COLLECTIVE INVESTMENT TR, NEW YORK STATE TEACHERS RETIREMENT SYSTEM, NEW ZEALAND SUPERANNUATION FUN, NGS SUPER, NIKKOCITI T A B C RE: I E STOC, NN L, NN PARAPLUFONDS 1 N.V, NOMURA INSTITUTIONAL FUND SELECT - AMERICAN CENTURY G G FUND, NON-US EQUITY MANAGERS PORTFOLIO 4 OFFSHORE MASTER L.P., NORGES BANK, NORTHERN EMERGING MARKETS EQUITY INDEX FUND, NORTHERN L M C S O B O UNIVEST, NORTHERN MULTI MANAGER EMERGING MARKETS EQUITY FUND, NORTHERN TRUST COLLECTIVE ALL COUNTRY WORLD I ACWI E U F L, NORTHERN TRUST COLLECTIVE EMERGING MARKETS INDEX FUND LEND, NORTHERN TRUST INVESTMENT FUNDS PL, NORTHERN TRUST LUXEMBOURG MANAG COMP S.A. O B OF V FCP SIF, NORTHERN TRUST UCITS FGR FUND, NTCC COLLECTIVE FUNDS FOR GRANTOR TRUSTS, NTGI - QUANTITATIVE MANAGEMENT COL, NTGI QM COMMON DAC WORLD EX US INVESTABLE MIF LENDING, NTGI QM COMMON DAILY EMERGING MARKETS EQUITY I F NON L, NTGI-QM COMMON DAILY ALL COUNTRY W, NUCLEAR LIABILITIES FUND LIMITED, OFFSHORE EMERGING MARKETS FUND, OFI GLOBAL EMERGING MARKETS EQUITY FUND LP, OFI GLOBAL TRUST COMPANY, OKLAHOMA TOBACCO SETTLEMENT ENDOWMENT TRUST FUND, OLD WESTBURY LARGE CAP STRATEGIES FUND, ONTARIO PENSION BOARD, ONTARIO POWER GENERATIONS INC, ONTARIO TEACHERS PENSION PLAN BOARD, OPPENHEIMER GLOBAL ESG REVENUE ETF, OPPORTUNITY FI EM ACOES BDR NIVEL I INVESTIMENTO NO EXTERIOR, OPPORTUNITY LOGICA MASTER FIA, OPPORTUNITY LONG BIASED MASTER FIM, OPPORTUNITY SELECTION MASTER FUNDO DE INVESTIMENTO EM ACOES, OPPORTUNITY THESIS MASTER FIM, OREGON PUBLIC EMPLOYEES RETIREMENT SYSTEM, ORIGIN INTERNATIONAL EQUITY FUND LLC, ORKNEY ISLANDS COUNCIL PENSION FUND, OYSTER CREEK NUCLEAR GENERATING STATION QUALIFIED FUND, PACE INT EMERG MARK EQUITY INVESTMENTS, PACIFIC GAS A EL COMP NU F Q CPUC DEC MASTER TRUST, PACIFIC SELECT FUND, PACIFICO ACOES MASTER FIA, PACIFICO LB 2 MASTER FIA, PACIFICO LB MASTER FIM, PACIFICO RV MASTER FIA, PANAGORA DIVERSIFIED RISK MULTI-ASSET FUND, LTD, PANAGORA RISK PARITY MULTI ASSET MASTER FUND, LTD, PARAMETRIC EMERGING MARKETS FUND, PARAMETRIC TAX MANAGED EMERGING MARKETS FUND, PARAMETRIC TMEMC FUND, LP, PEAR TREE PANAGORA EMERGING MARKETS FUND, PENN SERIES EMERGING MARKETS EQUITY FUND, PENSION BENEFIT GUARANTY CORPORATION, PEOPLE S BANK OF CHINA, PEPSICO INC. MASTER RETIREMENT TRUST, PERPETUAL T S L AS R E F P G D ASSET ALLOCATION FUND, PF EMERGING MARKETS FUND, PFM MULTI-MANAGER SERIES TRUST - PFM MULTI-MANAGER, PGIM FUNDS PUBLIC LIMITED COMPANY, PICTET CH

INSTITUCIONAL-EMERGING MARKETS TRACKER, PICTET EMERGING MARKETS INDEX, PIMCO EQUITY SERIES: PIMCO RAFI DYNAMIC MULTI-FACTOR EMERGIN, PIMCO FUNDS GLOBAL INVESTORS SERIES PLC, PINEBRIDGE DYNAMIC ASSET ALLOCATION FUND, PINEBRIDGE GLOBAL DYNAMIC ASSET ALLOCATION FUND LLC, PINEBRIDGE GLOBAL DYNAMICASSET ALLOCATION FUND, PINEBRIDGE GLOBAL EMERGING MARKETS FUND, PINEBRIDGE LATIN AMERICA FUND, POLICEMENS ANNUITY AND BENEFIT FUND CITY OF CHICAGO, POWERSHARES FTSE RAFI EMERGING MARKETS UCITS ETF, POWERSHARES G F IRELAND P L C P FTSE RAFI ALL W 3000 U ETF, PRAMERICA FIXED INCOME FUNDS PLC, PRIME SERIES SCHRODERS EM EQUITY FUND, PRINCIPAL FUNDS INC INTERNATIONAL FUND I, PRINCIPAL FUNDS INC. ORIGIN EMERGING MARKETS FUND, PRINCIPAL GLOBAL INVESTORS FUN, PRUDENTIAL INVESTMENT PORTFOLIOS 2 - PGIM QMA E. M. E. FUND, PRUDENTIAL RETIREM INSURANCE A, PRUDENTIAL TRUST COMPANY, PUBLIC EMPLOYEES RETIREMENT ASSOCIATION OF NEW MEX, PUBLIC EMPLOYES RET SYSTEM OF MISSISSIPPI, PUBLIC PENSION AGENCY, PUBLIC SECTOR PENSION INVESTMENT BOARD, PUBLIC SERVICE PENSION PLAN FUND, QS INVESTORS DBI GLOBAL EMERGING MARKETS EQUITY FUND LP, QUILTER INVESTORS EMERGING MARKETS EQUITY INCOME F, QUILTER INVESTORS GLOBAL D. E. F. A SUB F. O. Q. I. S. I, RAILWAYS PENS TR COMP LIMITED, RAYTHEON COMPANY MASTER TRUST, RBS PENSION TRUSTEE LIMITED, RELIANCE TRUST INSTITUTIONAL RETIREMENT TRUST SERIES TWELVE, RENAISSANCE CANADIAN BALANCED FUND, RENAISSANCE CANADIAN MONTHLY INCOME FUND, RENAISSANCE GLOBAL EQUITY PRIVATE POOL, RENAISSANCE GLOBAL FOCUS FUND, RET SYST OF THE TENNESSEE VALLEY AUTHORITY, REUSS (LUX) FCP RAIF-AMAZONAS, ROBUSTA EMERGING MARKETS EQUITY FUND, ROCHE U.S. RETIREMENT PLANS MASTER TRUST, ROCKFELLER BROTHERS FUND, RONDURE NEW WORLD FUND, ROYCE DIVIDEND VALUE FUND, ROYCE GLOBAL FINANCIAL SERVICES FUND, ROYCE GLOBAL VALUE TRUST INC., SAFRA SETORIAL BANCOS MASTER FUNDO DE INVESTIMENTO EM ACOES, SCHRODER COLLECTIVE INVESTMENT TRUST, SCHRODER EMERGING MARKET EQUITY FUND, SCHRODER EMERGING MARKETS FUND CANADA, SCHRODER INTERNATIONAL ALPHA FUND, SCHWAB EMERGING MARKETS EQUITY, SCHWAB FUNDAMENTAL EMERGOING MARKETS LARGE COMPANY INDEX ETF, SCHWAB FUNDAMENTAL EMERGING MARKETS LARGE COMPANY INDEX FUND, SCOTIA GLOBAL GROWTH FUND, SCOTIA LATIN AMERICAN FUND, SCOTTISH BORDERS COUNCIL PENSION FUND, SCOTTISH EPISCOPAL CHURCH UNIT TRUST POOL, SCOTTISH WIDOWS INVESTMENT SOLUTIONS FUNDS ICVC-FUNDAMENTAL, SEASONS SERIES TRUST INTL EQUITY PORTFOLIO, SEI INST INT TRUST EM MKTS EQU, SEI INST INVEST TR WORLD EQ EX US FUND, SEMPRA ENERGY PENSION MASTER TRU, SOUTHERN CAL ED C N F Q C DC MT S ON P VD N G, SPARTAN GROUP TRUST FOR EMPLOYEE BENEFIT PLANS: SPARTAN EMERG, SPDR MSCI ACWI EX US ETF, SPDR MSCI ACWI LOW CARBON TARGET ETF, SPDR MSCI EMERGING MARKETS FOSSIL FUEL FREE ETF, SPDR MSCI EMERGING MARKETS STRATEGICFACTORS ETF, SPDR SP EMERGING MARKETS ETF, SPDR SP EMERGING MARKETS FUND, SQUADRA TEXAS LLC, SSGA MSCI ACWI EX USA INDEX NON LENDING DAILY TRUST, SSGA MSCI BRAZIL INDEX NON LENDING QP COMMON TRUST FUND, SSGA SPDR ETFS EUROPE I PLC, ST LT DEP SCOTTISH WIDOWS TRKS EMG MKT FUN, ST LT DEP SCOTTISH WIDOWS TRKS LAT AMR FUN, ST STR MSCI ACWI EX USA IMI SCREENED NON-LENDING COMM TR FD, ST STR RUSSELL RAFI GLOBAL EX-U.S INDEX NON LEN COMMON TR F, STATE OF

ALASKA RETIREMENT AND BENEFITS PLANS, STATE OF MINNESOTA STATE EMPLOYEES RET PLAN, STATE OF NEW JERSEY COMMON PENSION, STATE ST GL ADV TRUST COMPANY INV FF TAX EX RET PLANS, STATE STREET EMERGING MARKETS E N-L C TRUST FUND, STATE STREET EMERGING MARKETS EQUITY INDEX FUND, STATE STREET GLOBAL A LUX SICAV - SS EM SRI ENHANCED E F, STATE STREET GLOBAL ADVISORS LUX SICAV S S G E M I E FUND, STATE STREET GLOBAL ADVISORS LUXEMBOURG SICAV - SS EE ME FD, STATE STREET GLOBAL EQUITY EX US INDEX PORTFOLIO, STATE STREET IRELAND UNIT TRUST, STATE STREET R. F. E. M. I. NON-LENDING COMMON T. FUND, STICHTING BEDRIJFSPENS ZORGVERZEKERAARS, STICHTING BLUE SKY PASSIVE EQUITY EMERGING MARKETS GLOBAL FU, STICHTING PENSIOENFONDS HOOGOVS, STICHTING PENSIOENFONDS UWV, STICHTING PGGM DEPOSITARY, STICHTING PHILIPS PENSIOENFONDS, SUNSUPER SUPERANNUATION FUND, SYKEHJELPS OG PENJONSORDNING FOR LEGER SOP, TAYSIDE PENSION FUND, TCW AMERICAS DEVELOPMENT ASSOC., TCW DEVELOPING MARKETS EQUITY FUND, TCW EMERGING MARKETS MULTI ASSET OPPORTUNITIES FUND, TEACHER RETIREMENT SYSTEM OF TEXAS, TEACHERS PENSION PLAN FUND, TEACHERS RET. SYSTEMS OF LOUISIANA, TEACHERS RETIREMENT ALLOWANCES, TEACHERS RETIREMENT SYSTEM OF, TEMPLETON INTERNATIONAL EMERGING MARKETS FUND, TEOREMA FUNDO DE INVESTIMENTO EM ACOES, TEXAS MUNICIPAL RETIREMENT SYSTEM, THE BAILL GIFFORD GROUP TRUST, THE BANK OF NEW YORK MELLON EMP BEN COLLECTIVE INVEST FD PLA, THE BARINGS E. M. U. FUND, SUB-FUND, THE BARINGS L. A. FUND, THE BOARD OF.A.C.E.R.S.LOS ANGELES CALIFORNIA, THE BUNTING EMERGING EQUITY TE LIMITED LIABILITY COMPANY, THE BUNTING FAMILY EMERGING EQUITY LIMITED LIABILITY COMPANY, THE CAROLINAS HEALTHCARE FOUNDATION, INC., THE CHICAGO PUB.SCHOOL TEACHER, THE CITY OF EDINBURGH COUNCIL, THE COMMONWEALTH FUND, THE EMERGING M.S. OF THE DFA I.T.CO., THE EMERGING MARKETS FD ASOT BAILLIE GF, THE FIRST CHURCH OF CHRIST SCIENT B MASS, THE GE UK PENSION COMMON INVES, THE GENERAL MOTORS CANADIAN HOURLY RATE EMPLOYEES PENSION PL, THE GLOBAL ALPHA EQUITY FUND, THE GOVERNING COUNCIL OF THE SALVATION ARMY IN CANADA, THE GOVERNMENT OF HIS M THE S AND Y D P OF BRUNEI DARUSSALAM, THE GOVERNMENT OF THE PROVINCE OF ALBERTA, THE GREAT WEST LIFE ASSURANCE COMPANY, THE HARTFORD BAL FD, A SRS OF THE HARTFORD MUTUAL FDS, INC, THE HIGHLAND COUNCIL PENSION FUND, THE KINETICS PORTFOLIO TRUST-THE GLOBAL PORTFOLIO, THE MASTER T B J LTD AS T OF DAIWA BRAZIL STOCK OPEN RIO WI, THE MASTER T BK OF JP LTD AS T OF PINEBRIDGE E MKT E M FDII, THE MASTER T BK OF JPN LTD AS T OF NIKKO BR EQ MOTHER FUND, THE MASTER TR BANK OF JAPAN AS TR FOR HSBC BRAZIL MOTHER FD, THE MASTER TR BK OF JAPAN LTD. AS TR OF E C S ACT MO FUND, THE MASTER TR BK OF JP LTD AS TR OF SCHRODER BRICS EQ MTHR F, THE MASTER TRT BK JPN TRUSTEE, THE MASTER TRUST BANK OF JAPAN LTD. AS TOS LATIN AEMF, THE MASTER TRUST BANK OF JAPAN LTD. AS TR OF MTBC400009088, THE MASTER TRUST BANK OF JAPAN LTD. TRUSTEE MUTB400038099, THE MASTER TRUST BANK OF JAPAN, LTD. AS TRUSTEE FO, THE MONETARY AUTHORITY OF SINGAPORE, THE MONKS INVESTMENT TRUST PLC, THE MOTOROLA PENSION SCHEME, THE NOMURA T AND B CO LTD RE NIPPON C E MARKETS MOTHER FUND, THE NORTHWESTERN MUTUAL LIFE INSURANCE COMPANY - G FN S S 5, THE PENSION BOARDS - UNITED CHURCH OF CHRIST, INC, THE PENSION PLANS OF FPL GROUP INC AND ITS AFFILIATES, THE PENSION

RESERVES INVESTMENT MANAG.BOARD, THE PLUMBERS AND PIPEFITTERS NAT.PENSION FD, THE PUBLIC INSTITUTION FOR SOCIAL SECURITY, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE SALVATION ARMY OFFICERS RETIREMENT TRUST FUND, THE SCOTTISH AMERICAN INVESTMENT COMPANY PLC, THE SEI EMERGING MARKETS EQUIT, THE SEVENTH SWEDISH NATIONAL PENSION FUND AP7 EQUITY FUND, THE ST T RETIR SYSTEM OF OHIO, THE SULTANATE OF OMAN MINISTRY OF DEFENCE PENSION FUND, THE TEXAS EDUCATION AGENCY, THE TM LANCEWOOD FUND, THE TREASURER OF THE S OF J ON B OF THE S OF J COMM INV FUND, THE UNITE PENSION SCHEME, THE WALT DISNEY COMPANY RETIRE, THE WAWANESA MUTUAL INSURANCE COMPANY, THOMAS WHITE EMERGING MARKETS FUND LLC, THORNBURG DEVELOPING WORLD FUND, THORNBURG GLOBAL INVESTMENT PLC THORNBURG DEVELOPING W F, THREADNEEDLE INVESTMENT FUNDS ICVC, THREADNEEDLE LUX, THREADNEEDLE SPECIALIST INV F ICVC GL EM M E FUND, THREE MILE ISLAND UNIT ONE QUALIFIED FUND, TIAA CREF FUNDS TIAA CREF EMERGING MARKETS EQUITY I F, TMTBJ TRT OF SCHRODER GLOBAL E, TORONTO DOMINION E.MARKETS FUND, TORONTO TRANSIT COMMISSION PENSION FUND SOCIETY, TOTAL INTERNATIONAL EX U.S. I MASTER PORT OF MASTER INV PORT, TRANSAMERICA BLACKROCK GLOBAL ALLOCATION VP, TRANSAMERICA JPMORGAN TACTICAL ALLOCATION VP, TRANSAMERICA LIFE INSURANCE COMPANY, TRINITY HEALTH CORPORATION, TRINITY HEALTH PENSION PLAN, TRUST AND CUS SERVICES BANK, LTD. AS TRT HSBC BR NEW MO FD, TRUST CUSTODY S BK, LTD. AS TR FOR COMGEST E EQUITY FUND, TRUST CUSTODY SERVICES BANK, LTD. AS TRUSTEE FOR, TRUST CUSTODY SERVICES BANK, LTD. RE: EMERGING E P M F, TRUST CUSTODY SERVICES BANK, LTD.RE: BRAZIL INFRASTRUCTURE, TYCO ELETRONICS RETIREMENT SAVINGS INVESTMENT PLAN TRUST, UBS 401 (K) PLAN TRUST, UNITED CHURCH FUNDS INC, UNIV OF PITTSBURGH MEDICAL CENTER SYSTEM, UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH, UNIVERSITY OF LIVERPOOL, UPMC HEALTH SYSTEM BASIC RETIREMENT PLAN, UTAH STATE RETIREMENT SYSTEMS, UTD NAT RELIEF AND WORKS AG FOR PAL REFUGEE IN THE NEAR EAST, VALIC COMPANY I - ASSET ALLOCATION FUND, VANGUARD EMERGING MARKETS SELECT STOCK FUND, VANGUARD FUNDS PUBLIC LIMITED COMPANY, VANGUARD GLOBAL EQUITY FUND, A SERIES OF VANGUARD, VANGUARD INV FUNDS ICVC-VANGUARD FTSE GLOBAL ALL CAP INDEX F, VANGUARD INVESTMENT SERIES PLC, VANGUARD INVESTMENTS FUNDS ICVC - VANGUARD GLOBAL EQUITY FUN, VANGUARD INVESTMENTS FUNDS ICVC-VANGUARD GLOBAL EMERGING M F, VANGUARD TOTAL WORLD STOCK INDEX FUND, A SERIES OF, VANGUARD VARIABLE INSURANCE FUNDS - INTERNATIONAL, VARIABLE I PROD F II INTERNATIONAL CAP APPRECIATION PORT, VARIABLE I PROD F II INTERNATIONAL CAP APPRECIATION PORT, VARIABLE INSURANCE PRODUCTS FUND II EMERGING MARKETS PORTFO, VARIABLE INSURANCE PRODUCTS FUND II: INTERNATIONAL, VELT PARTNERS FUND LLC, VERDIPAPIRFONDET KLP AKSJE FREMVOKSENDE MARKEDER INDEKS I, VICTORIAN FUNDS MANAGEMENT CORPORATION AS T FOR VFM E M TRUS, VIRTUS EMERGING MARKETS OPPORTUNITIES FUND, VIRTUS GLOVISTA EMERGING MARKETS ETF, VKF INVESTMENTS LTD, VONTOBEL EMERGING MARKETS I FUND S I OF THE S M S FUND L.P., VONTOBEL INVESTMENT TRUST, VOYA EMERGING MARKETS HIGH DIVIDEND EQUITY FUND, VOYA EMERGING MARKETS INDEX PORTFOLIO, VY JPMORGAN EMERGING MARKETS EQUITY PORTFOLIO, WADDELL REED FINANCIAL, INC, WASHINGTON STATE INV

BOARD, WELLINGTON MANAGEMENT FUNDS (LUXEMBOURG) II SICAV, WELLINGTON MANAGEMENT FUNDS IRELAND PLC, WELLINGTON MULTI-ASSET ABSOLUTE RETURN CUSTOMIZED FUND (CAYM, WELLINGTON TRUST COMPANY N.A., WELLINGTON TRUST COMPANY, NATIONAL ASSOCIATION MUL, WELLS FARGO BK D OF T ESTABLISHING INV F FOR E BENEFIT TR, WELLS FARGO DIVERSIFIED INTERNATIONAL FUND, WELLS FARGO EMERGING MARKETS EQUITY FUND, WELLS FARGO EMERGING MARKETS EQUITY INCOME FUND, WELLS FARGO EMERGING MARKETS LARGE MID CAP FUND, WELLS FARGO INTERNATIONAL GROWTH PORTFOLIO, WELLS FARGO LUX WORLDWIDE FUND, WEST VIRGINIA INVESTMENT MANAGEMENT BOARD, WHEELS COMMON INVESTMENT FUND, WILLIAM BL EM MARK GROWTH FUND, WILLIAM BL INST INT GR FUND, WILLIAM BLAIR COLLECTIVE INVESTMENT TRUST, WILLIAM BLAIR EMERGING MARKETS GROWTH FUND LLC, WILLIAM BLAIR EMERGING MARKETS LEADERS FUND, WILLIAM BLAIR EMERGING MARKETS LEADERS FUND LLC, WILLIAM BLAIR EMERGING MARKETS LEADERS POOLED FUND, WILLIAM BLAIR MUTUAL FUNDS INC. INTERNATIONAL GROWTH FUND, WILLIAM BLAIR SICAV, WILSHIRE MUTUAL FUNDS INC. WILSHIRE INTERNATIONAL EQUITY, WISDOMTREE EMERGING MARKETS DIVIDEND FUND, WISDOMTREE EMERGING MARKETS DIVIDEND INDEX ETF, WISDOMTREE EMERGING MARKETS EX STATE OWNED ENTERPRISES FUND, WISDOMTREE GLOBAL EX-MEXICO EQUITY FUND, WM POOL GLOBAL EQUITIES TRUST NO. 6, WSIB INVESTMENTS PUBLIC EQUITIES POOLED FUND TRUST, XEROX CORPORATION RETIREMENT SAVINGS PLAN, XTRACKERS MSCI ACWI EX USA ESG LEADERS EQUITY ETF, XTRACKERS MSCI EMERGING MARKETS ESG LEADERS EQUITY, YALE UNIVERSITY, ZURICH FINANCIAL SERVICES UK PENSION SCHEME, ARROWSTREET CAPITAL IRELAND LIMITED FOR AND ON BEHALF OF ARR, CITY OF NEW YORK DEFERRED COMPENSATION PLAN, COMMONWEALTH GLOBAL SHARE FUND, 7IM EMERGING MARKETS EQUITY VALUE FUND, ABERDEEN INV FUNDS ICVC III - ABERDEEN GLOBAL EMERG M Q E FD, ABERDEEN LATIN AMERICAN EQUITY FUND, CALIFORNIA STATE TEACHERS RETIREMENT SYSTEM, CHANG HWA CO BANK, LTD IN ITS C AS M CUST OF N B FUND, DESJARDINS GLOBAL EQUITY GROWTH FUND, DESJARDINS RI EMERGING MARKETS MULTIFACTOR - LOW C, DESJARDINS RI GLOBAL MULTIFACTOR - FOSSIL FUEL RES, DESJARDINS SOCIETERRA EMERGING MARKETS EQUITY FUND, EMPLOYEES RETIREMENT SYSTEM OF TEXAS, FORD MOTOR CO DEFINED BENEF MASTER TRUST, GENERAL PENSION AND SOCIAL SECURITY AUTHORITY, INVESCO GLOBAL AGRICULTURE ETF, KRANESHARES MSCI EMERGING MARKETS EX CHINA INDEX E, LEGAL GEN FUTURE WRD CLIMATE CHANGE EQTY FACTORS IND FUND, LEGAL GENERAL COLLECTIVE INVESTMENT TRUST, LEGAL GENERAL GLOBAL EMERGING MARKETS INDEX FUND, LEGAL GENERAL GLOBAL EQUITY INDEX FUND, LEGAL GENERAL ICAV, LEGAL GENERAL INTERNATIONAL INDEX TRUST, LEGAL AND GENERAL ASSURANCE PENSIONS MNG LTD, NOMURA MULTI MANAGERS FUND III - EMERGING MARKETS EQUITY, OPSEU PENSION PLAN TRUST FUND, POOL REINSURANCE COMPANY LIMITED, REGIME DE RENTES DU MOUVEMENT DESJARDINS, RUSSEL EMERGING MARKETS EQUITY POOL, RUSSELL EMERGING MARKETS EQUITY FUND, RUSSELL INSTITUTIONAL FUNDS, LLC - REM EQUITY PLUS FUND, RUSSELL INVESTMENT COMPANY EMERGING MARKETS FUND, RUSSELL INVESTMENT COMPANY PUBLIC LIMITED COMPANY, RUSSELL INVESTMENT COMPANY RUSSELL TAX-MANAGED INTERNATIONAL, RUSSELL INVESTMENT COMPANY SELECT INTERNATIONAL EQUITY FUND, RUSSELL

INVESTMENT MANAGEMENT LTD AS TRUSTEE OF THE RUSSELL, RUSSELL TR COMPANY COMMINGLED E. B. F. T. R. L. D. I. S., STATE OF IND PUBLIC EMPL RET FUND, STATE OF WISCONSIN INVT. BOARD MASTER TRUST, STATE STREET C S (IR) LTD ON B O R INV IR LIMITED, THE BOARD OF THE PENSION PROTECTION FUND, ASSOCIACAO BOVESPA, a. Eduardo Lopes Farias; DYNAMO COUGAR FIA, ASCESE FUNDO DE INVESTIMENTO EM ACOES, TNAD FUNDO DE INVESTIMENTOS EM ACOES, DYC FUNDO DE INVESTIMENTO EM ACOES, DYBRA FIA, SAO FERNANDO IV FIA, DYNAMO BRASIL I LLC, DYNAMO BRASIL II LLC, DYNAMO BRASIL III LLC, DYNAMO BRASIL V LLC, DYNAMO BRASIL VI LLC, DYNAMO BRASIL VIII LLC, DYNAMO BRASIL IX LLC, DYNAMO BRASIL XIV LLC, DYNAMO BRASIL XV LLC, a. Gustavo Barreto; JOAQUIM DA SILVA FERREIRA, FECAP EMPREENDIMENTOS E PARTICIPACOES S/C LTDA, MANOELA FERREIRA GOMES, a. Joaquim da Silva Ferreira; BB PREVIDENCIA ACOES IBRX FUNDO DE INVESTIMENTO, BB CAP ACOES FUNDO DE INVESTIMENTO, BB PREVIDENCIARIO ACOES GOVERNANCA FI, BB TERRA DO SOL FUNDO DE INVESTIMENTO MM CREDITO PRIVADO, BB CAP IBOVESPA INDEXADO FIA, BB ECO GOLD FUNDO DE INVESTIMENTO EM ACOES, BB TOP ACOES DUAL STRATEGY FI, BB TOP ACOES TOTAL RETURN FI, BB PREVIDENCIA RETORNO TOTAL FUNDO DE INVESTIMENTO EM ACOES, BB BNC ACOES NOSSA CAIXA NOSSO CLUBE DE INVESTIMENTO, BB ACOES EQUIDADE FUNDO DE INVESTIMENTO, BB MAR AZUL ACOES FUNDO DE INVESTIMENTO, BB TOP ACOES DIVIDENDOS FIA, BRASILPREV TOP ACOES DIVIDENDOS FI, BB TOP ARBITRAGEM ALAVANCADO FI MULTIMERC LP, BRASILPREV TOP A FUNDO DE INV DE ACOES, BB TOP ACOES IBOVESPA INDEXADO FI, BB TOP ACOES IBRX INDEXADO FI, BB TOP ACOES SETOR FINANCEIRO FI, BB TOP ACOES IBOVESPA ATIVO FI, BB ACOES 22 FUNDO DE INVESTIMENTO, a. Eduardo Tognetti; MANASLU LLC, BRASIL CAPITAL PREV I MASTER FUNDO DE INVESTIMENTO EM ACOES, ANAPURNA PSE FIA, BRASIL CAPITAL MASTER FIA, BRASIL CAPITAL 30 MASTER FIA, PARTNER FI EM ACOES INVESTIMENTO NO EXTERIOR, a. Adriano Thiago; KIRON INSTITUCIONAL FUNDO DE INVESTIMENTO EM ACOES, KIRON MASTER FUNDO DE INVESTIMENTO EM ACOES, a. Rogerio Moraes; CAIXA ECONOMICA FEDERAL, a. Alan Renato Braz; CAIXA DE PREVID.DOS FUNC.DO BANCO DO BRASIL, a. Marcos Paulo Félix da Silva; BRUNO MEIRELLES SALOTTI; RINALDO DETTINO.

São Paulo, April 29, 2019

Antonio Carlos Quintella
Chairman

Gilson Finkelsztain
Secretary

Paulo Cezar Aragão