Geneva, November 07, 2019

MSCI GLOBAL SMALL CAP INDEXES

The following are changes in constituents for the MSCI Global Small Cap Indexes which will take place as of the close of November 26, 2019.

SUMMARY PER COUNTRY and PER REGION:

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Acia Docific			
Asia Pacific	PAKISTAN AUSTRALIA JAPAN HONG KONG SINGAPORE	0 12 22 7 4 0 9 6 1 16 20 7 13 27	3 5 7 4 1 1 4 4 0 2 13 3 21 23
		Nb of	Nb of
		Securities	Securities
Region	Country	Added	Deleted
	le East and Afric UNITED ARAB EMIR	ATES1 0 3 1 0 3 5 0 2 2 8 10 0 0 0 0 3 6 2 1 0	0 1 1 1 2 5 2 1 4 4 9 3 3 1 0 6 0 2 2 1 Nb of
Region	Country	Securities Added	Securities Deleted
Americas			
	USA CANADA MEXICO BRAZIL COLOMBIA ARGENTINA	87 16 3 9 1 3	78 12 2 2 0 0

ASIA PACIFIC

MSCI PAKISTAN INDEX

Additions None

MSCI AUSTRALIA INDEX Additions AUSTAL AVITA MEDICAL BANK OF QUEENSLAND CENTURIA METROPOLITAN ECOFIBRE EML PAYMENTS IMF BENTHAM INGENIA COMMUNITIES GRP ISIGNTHIS PERSEUS MINING POLYNOVO RAMELIUS RESOURCES

MSCI JAPAN INDEX Additions FIXSTARS CORP G-7 HOLDINGS INSOURCE IR JAPAN HOLDINGS JAPAN MED. DYNAMIC MKT JDC KANEKA CORP KOBE STEEL MEDIA DO HOLDINGS CO MEISEI INDUSTRIAL CO MITSUUROKO GRP HLDGS CO NIPPON ELECTRIC GLASS CO S POOL SANSAN SFP HOLDINGS CO SHIN NIPPON AIR TECH STARTS PROCEED INV TAKARA LEBEN REIT TAMA HOME TECHMATRIX CORPORATION TRI CHEMICAL LAB YOKOWO CO

MSCI HONG KONG INDEX Additions CITYCHAMP WATCH (HK) COMBA TELECOM SYS (HK) CSTONE PHARMACEUTICALS DTXS SILK ROAD INV HLDGS HYSAN DEVELOPMENT O NET TECHNOLOGIES (HK) SHANGRI-LA ASIA

MSCI SINGAPORE INDEX Additions EAGLE HOSPITALITY TRUST GOLDEN AGRI RESOURCES PRIME US REIT SASSEUR REIT

MSCI NEW ZEALAND INDEX Additions None

MSCI MALAYSIA INDEX Additions ALLIANCE BANK MALAYSIA Deletions KHAN (DG) CEMENT CO KOT ADDU POWER COMPANY THAL LTD

Deletions OFX GROUP SPEEDCAST INTERNATIONAL SYRAH RESOURCES WAGNERS HOLDING CO WISETECH GLOBAL

Deletions LINICAL CO MTG NIPPON SHINYAKU CO ORIX JREIT SEED CO SQUARE ENIX HOLDINGS CO W SCOPE CORP

Deletions DIGITAL DOMAIN HOLDINGS DINGYI GROUP INVESTMENT EMPEROR CAPITAL GROUP NOVA GROUP HOLDINGS

Deletions MAPLETREE COMM TRUST

Deletions MERCURY NZ

Deletions BOUSTEAD PLANTATIONS

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EKOVEST FRONTKEN CORP LEONG HUP INTERNATIONAL MMC CORPORATION PENTAMASTER CORP SIME DARBY PROPERTY SP SETIA SYARIKAT TAKAFUL

MSCI INDONESIA INDEX Additions ERAJAYA SWASEMBADA TBK INDO TAMBANGRAYA MEGAH INDOSAT RIMO INTL LESTARI SELAMAT SEMPURNA SURYA CITRA MEDIA

MSCI PHILIPPINES INDEX Additions ALLIANCE GLOBAL GROUP

MSCI TAIWAN INDEX Additions ADV WIRELESS SC AURAS TECHNOLOGY CHAUN-CHOUNG TECH CORP CHIA HSIN CEMENT CHIEF TELECOM FULGENT SUN INTL HLDG GLOBAL PMX HANNSTAR BOARD CORP JENTECH PRECISION INDL JOHNSON HEALTH TECH CO NUVOTON TECHNOLOGY POWER WIND HEALTH IND REXON INDUSTRIAL RICHWAVE TECHNOLOGY SHUNSIN TECHNOLOGY HLDGS TAIMED BIOLOGICS

MSCI KOREA INDEX Additions CELUTRION PHARM CHONG KUN DANG HOLDINGS ECHO MARKETING ECOPROBM HYUNDAI AUTOEVER HYUNDAI BIOSCIENCE CO ILJIN DIAMOND KUK IL PAPER MFG MCNEX MIRAE ASSET MAPS NAMSUN ALUM NEPES CORP NHN KCP CORP SEOJIN SYSTEM SFA SEMICON CO SILLAJEN TES UBIQUOSS HOLDINGS WINIX WISOL

MSCI THAILAND INDEX Additions CENTRAL PLAZA HOTEL DOHOME JMT NETWORK SERVICES STAR PETROLEUM REFINING EASTERN & ORIENTAL BHD HONG LEONG INDUSTRIES UOA DEVELOPMENT

Deletions ACE HARDWARE INDONESIA DELTA DUNIA MAKMUR EAGLE HIGH PLANTATIONS INTI AGRI RESOURCES TBK

Deletions None

Deletions ACCTON TECHNOLOGY CORP UNIVERSAL CEMENT

Deletions BODITECH MED COSMAX NBT INC ESMO CORP FARMSCO GAMEVIL HANIL HOLDINGS ITSHANBUL JAYJUN COSMETIC JENAX KMW CO PEPTRON PROSTEMICS REYON PHARMACEUTICAL

Deletions CARABAO GROUP SRISAWAD CORP TISCO FINANCIAL GROUP STP & I PUBLIC CO TPI POLENE POWER TQM CORP

MSCI INDIA INDEX Additions BRIGADE ENTERPRISES DEEPAK NITRITE GALAXY SURFACTANTS GLENMARK PHARMACEUTICALS INDIABULLS HOUSING FIN METROPOLIS HEALTHCARE NAVIN FLUORINE INTL ORIENT ELECTRIC POLYCAB INDIA SPANDANA SPHOORTY FIN STERLING AND WILSON VODAFONE IDEA YES BANK

MSCI CHINA INDEX Additions 360 FINANCE ADR A AOYUAN HEALTHY LIFE GRP BEIJING CHUNLIZHENGDA H CANSINO BIOLOGICS H CHINA INDEX HLDGS A ADR CHINA ORIENTAL GROUP CHINA XINHUA EDU GRP DAFA PROPERTIES GROUP GLORY SUN LAND GRP (CN) HEBEI CONSTRUCTION GRP H HENGTEN NETWORKS (CN) HONG KONG FIN INV (CN) HUAMI A ADR IVD MEDICAL HOLDING METTU MMC MULSANNE GROUP HLDG NOVA GROUP HOLDINGS (CN) OZNER WATER INTL HOLDING PRINX CHENGSHAN CAYMAN SCHOLAR EDUCATION GROUP SHANGHAI GREENCOURT B SHIRBLE DEPARTMENT STORE SIHUAN PHARMA HLDGS SO YOUNG INTL A ADR TONG REN TANG TECH H YINCHENG INTL HLDGS

EUROPE, MIDDLE EAST AND AFRICA

MSCI UNITED ARAB EMIRATES INDEX Additions SHUAA CAPITAL

MSCI BELGIUM INDEX Additions None

MSCI SWITZERLAND INDEX Additions

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Deletions ARVIND CARE RATINGS CG POWER & INDUSTRIAL COX & KINGS DEWAN HOUSING FIN CORP GAYATRI PROJECTS GFL TECT IIFL SECURITIES INFO EDGE (INDIA) JAGRAN PRAKASHAN PVT JAIN IRRIGATION SYSTEMS MAGMA FINCORP MUTHOOT FINANCE PC JEWELLER RELIANCE CAPITAL RELIANCE INFRASTRUCTURE SHARDA CROPCHEM SUZLON ENERGY LIMITED TIME TECHNOPLAST WHIRLPOOL OF INDIA

Deletions BAOYE GROUP CO H BEIJING SPORTS (CN) BEST PACIFIC INTL HLDGS CAPITAL ENV HLDGS CHINA OIL AND GAS GROUP CHINA SANJIANG FINE CHEM CITYCHAMP WATCH & JEWEL COMBA TELECOM SYS HLDGS FANG HOLDINGS ADR FINGERTANGO GLORIOUS PROPERTY HLDGS GREATVIEW ASEPTIC PACK LAUNCH TECH COMPANY H MODERN LAND CHINA POLY CULTURE GRP CORP H POWERLONG REAL ESTATE TARENA INTERNATIONAL ADR TIBET WATER RESOURCES TOP SPRING INTL HLDGS TUNIU CORP ADR XUNLEI ADR YIREN DIGITAL ADR YOUYUAN INTL HOLDINGS

Deletions

Deletions

None

GALAPAGOS

Deletions

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BELIMO HOLDING MEDACTA GROUP STADLER RAIL

MSCI DENMARK INDEX Additions VELOXIS PHARMACEUTICALS

MSCI SPAIN INDEX Additions None

MSCI FRANCE INDEX Additions BIC CARMILA IMERYS

### MSCI GERMANY INDEX

Additions DATAGROUP DERMAPHARM HOLDING HORNBACH BAUMARKT HUGO BOSS WACKER CHEMIE

MSCI NETHERLANDS INDEX Additions None

MSCI ITALY INDEX Additions GAMENET GROUP ILLIMITY BANK

MSCI NORWAY INDEX Additions ADEVINTA A FJORDKRAFT HOLDING

MSCI SWEDEN INDEX Additions AMBEA AB ATRIUM LJUNGBERG B BEIJER REF BIOARCTIC B CATENA JOHN MATTSON POWERCELL SWEDEN SAMHALLSBYGGNADSBOLAGE D

MSCI UNITED KINGDOM INDEX Additions AIRTEL AFRICA CRANEWARE ELAND OIL & GAS FINABLR INVESTEC PLC (GB) NETWORK INTERNATIONAL SPIRENT COMMUNICATIONS TI FLUID SYSTEMS TRAINLINE WOOD GROUP (JOHN) SCHMOLZ + BICKENBACH

Deletions BANG & OLUFSEN B

Deletions ERCROS

Deletions ASSYSTEM HAULOTTE GROUP

Deletions AUMANN COMDIRECT BANK EDAG ENGINEERING GROUP H&R SURTECO

Deletions ALTICE EUROPE A PROQR THERAPEUTICS

Deletions BIO ON

Deletions AKASTOR KONGSBERG AUTOMOTIVE NORDIC NANOVECTOR SEADRILL LTD

Deletions CATENA MEDIA HALDEX PROBI AB VOLATI

Deletions ACCESSO TECHNOLOGY GROUP AVEVA GROUP CHEMRING GROUP COSTAIN GROUP DFS FURNITURE JD SPORTS FASHION KIER GROUP PENDRAGON STOCK SPIRITS GROUP MSCI FINLAND INDEX Additions None

MSCI TURKEY INDEX Additions None

MSCI IRELAND INDEX Additions None

MSCI ISRAEL INDEX Additions ENLIGHT RENEWABLE ENERGY FIBI HOLDINGS ISRACARD

MSCI SOUTH AFRICA INDEX Additions INVESTEC PROPERTY FUND NETCARE SAPPI STOR AGE PROPERTY REIT TRANSACTION CAPITAL TRUWORTHS INTERNATIONAL

MSCI POLAND INDEX Additions ALIOR BANK JASTRZEBSKA SPOLKA WEGL

MSCI RUSSIA INDEX Additions OGK-2 (RUB)

MSCI EGYPT INDEX Additions None

MSCI SAUDI ARABIA INDEX Additions MAHARAH HUMAN RESOURCES

## AMERICAS

MSCI USA INDEX Additions ADVERUM BIOTECHNOLOG AFFILIATED MANAGERS GRP ALKERMES AMERICAN SOFTWARE A ANAPLAN ASSETMARK FINANCIAL HLDG BEYOND MEAT BIODELIVERY SCIENCE INTL BLOCK (H&R) BRIGHAM MINERALS A

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Deletions LEHTO GROUP PONSSE TIKKURILA

Deletions ECZACIBASI ILAC SANAYI VERUSA HOLDING ZORLU ENERJI

Deletions PERMANENT TSB GROUP HLDG

Deletions None

Deletions ARROWHEAD PROPERTIES B BLUE LABEL TELECOMS LTD EOH HOLDINGS IMPALA PLATINUM HOLDINGS NORTHAM PLATINUM SIBANYE GOLD

Deletions None

Deletions RASPADSKAYA (RUB) ROS AGRO (RUB)

Deletions ALEXANDRIA MINERAL OILS SIDI KERIR PETROCHEMICAL

Deletions HALWANI BROS CO

Deletions ABEONA THERAPEUTICS ACCURAY ACORDA THERAPEUTICS ADURO BIOTECH APPLIED OPTOELECTRONICS AQUA AMERICA ARLINGTON ASSET INV A ARMSTRONG FLOORING ASSERTIO THERAPEUTICS BIGLARI HOLDINGS B

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BRIGHTHOUSE FINANCIAL CAPITAL CITY BANK GROUP CARDLYTICS CARTER BANK & TRUST CHANGE HEALTHCARE CIMAREX ENERGY CO CIT GROUP CITY OFFICE REIT CNB FINANCIAL CORP CORINDUS VASCULAR CRYOPORT CUTERA DIAMOND S SHIPPING DIGIMARC CORP DIGITAL TURBINE DOVA PHARMA ELLINGTON FINANCIAL EVERQUOTE A FASTLY A FLUOR CORP FOCUS FINANCIAL PRTNRS A FORTERRA (US) FRANKLIN COVEY CO FUNKO A GLOBAL MEDICAL REIT GOOSEHEAD INSURANCE A GROCERY OUTLET HOLDING HEALTH CATALYST HELMERICH & PAYNE IES HOLDINGS IHEARTMEDIA A TMPTNJ INTL MONEY EXPRESS JERNIGAN CAPITAL KODIAK SCIENCES L BRANDS LANNETT CO LEVI STRAUSS A LUXFER HOLDINGS (US) MACERICH CO MACY'S MAXAR TECHNOLOGIES(US) MEDALLTA MIDWESTONE FIN GRP (NEW) NACCO INDUSTRIES A (NEW) NAPCO SECURITY TECH NEKTAR THERAPEUTICS ONESPAWORLD HOLDINGS OPTION CARE HEALTH OWENS & MINOR PAGERDUTY PALOMAR HOLDINGS PARSLEY ENERGY A PARSONS CORP PAYSTON PHREESTA PLAINS GP HOLDINGS A PROSIGHT GLOBAL QURATE RETAIL A RATTLER MIDSTREAM REALREAL (THE) REPAY HOLDINGS A REVOLVE GROUP A RUBICON PROJECT SAFETY INCOME & GROWTH SHOCKWAVE MEDICAL SIGA TECHNOLOGIES SILK ROAD MEDICAL SIMULATIONS PLUS STERLING CONSTRUCTION CO STOKE THERAPEUTICS TRADEWEB MARKETS A TRANSLATE BIO TURNING POINT VECTRUS

BIO-RAD LABORATORIES A BLACK KNIGHT BOOZ ALLEN HAMILTON A BROWN & BROWN CALYXT CASTLIGHT HEALTH B CHAPARRAL ENERGY A CINCINNATI BELL CITI TRENDS CIVEO CORPORATION CLOVIS ONCOLOGY COMSCORE CONTAINER STORE GROUP COVIA HOLDINGS CORP DASEKE ENTRAVISION COMMU A EXELA TECHNOLOGIES EXPRESS FIESTA RESTAURANT GRP FIVE PRIME THERAPEUTICS FLUENT FORUM ENERGY TECH INC FRONTIER COMMUNICATIONS FTS INTERNATIONAL GLYCOMIMETICS GUIDEWIRE SOFTWARE HIGHPOINT RESOURCES CORP INOVIO PHARMACEUTICALS INSULET CORP KALVISTA PHARMACEUTICALS KINIKSA PHARMA A KLX ENERGY SERVICES MALLINCKRODT MAMMOTH ENERGY SERVICES MEDICAL PROPERTIES TRUST MINERVA NEUROSCIENCES MONTAGE RESOURCES CORP NEUROCRINE BIOSCIENCES NINE ENERGY SERVICE NOODLES & CO A NOVAVAX OMEGA HEALTHCARE INVESTO PROTECTIVE INS CORP B RESOLUTE FOREST PRODUCTS RING CENTRAL A RING ENERGY ROAN RESOURCES A ROCKWELL MEDICAL RPM INTL SANDRIDGE ENERGY SENSEONICS HOLDINGS INC SHOTSPOTTER SORRENTO THERAPEUTICS SPOK HOLDINGS TATLORED BRANDS TELEDYNE TECHNOLOGIES TERADYNE TETRA TECHNOLOGIES TILE SHOP HLDGS TITAN INTERNATIONAL TRANSENTERIX TYLER TECHNOLOGIES UNIT CORP VERITIV VICI PROPERTIES WAITR HOLDINGS WEST PHARMACEUTICAL SVCS YRC WORLDWIDE

VIPER ENERGY PARTNERS A WATFORD HOLDINGS

MSCI CANADA INDEX

Additions ALTAGAS CANADA CHARLOTTES WEB HLDGS LEAGOLD MINING LIGHTSPEED POS SV MEDIPHARM LABS MINTO APARTMENT REIT ORGANIGRAM HOLDINGS (CA) PARK LAWN REAL MATTERS SILVERCREST METALS (CA) SNC-LAVALIN GROUP TERANGA GOLD CORP TOURMALINE OIL CORP TRANSAT A.T. VERMILION ENERGY WESDOME GOLD MINES

MSCI MEXICO INDEX Additions AXTEL CPO GRUPO TRAXION A TENEDORA NEMAK

MSCI BRAZIL INDEX Additions BANCO INTER UNIT CONSTRUTORA TENDA EVEN CONSTRUTORA INC ON GRUPO SBF ON JHSF PARTICIPACOES ON M DIAS BRANCO ON MARISA LOJAS ON TEGMA GESTAO LOGISTIC ON TRISUL ON

MSCI COLOMBIA INDEX Additions CEMENTOS ARGOS (NEW)

MSCI ARGENTINA INDEX Additions BBVA BANCO FRANCES ADR PAMPA ENERGIA ADR TRANSPORTADORA GAS B ADR Deletions ALGONQUIN POWER & UTL ATHABASCA OIL CALFRAC WELL SERVICES CANADIAN APT PPTYS REIT CANNTRUST HOLDINGS CARDINAL ENERGY LTD DOREL INDUSTRIES B GREEN ORGANIC DUTCH HLDG MEDICAL FACILITIES PARKLAND FUEL A **TREVALI MINING** TRICAN WELL SERVICE

Deletions INDUSTRIAS BACHOCO B TV AZTECA CPO

Deletions BANCO INTER PN VALID SOLUCOES E SVCS ON

Deletions None

Deletions None

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