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
Asia Pacific			
	PAKISTAN	0 12	3 5
	AUSTRALIA	22	7
	JAPAN HONG KONG	7	4
		4	1
	NEW ZEALAND	0	1
	MALAYSIA	9	4
	INDONESIA	6	4
	PHILIPPINES	1	0
	TAIWAN	16	2
	KOREA	20	13
	THAILAND	7	3
	INDIA	13	21
	CHINA	27	23
		Nb of	Nb of
		Securities	Securities
Region	Country	Added	Deleted
5	7		
Europe, Middle East and Africa			
	UNITED ARAB EMIR		0
		0	1
	SWITZERLAND	3	1
	DENMARK	1	1
	SPAIN	0	1
	FRANCE	3	2
	GERMANY	5 0	5
	NETHERLANDS ITALY	2	1
	NORWAY	2	4
	SWEDEN	8	4
	UNITED KINGDOM		9
	FINLAND	0	3
	TURKEY	0	3
	IRELAND	0	1
	ISRAEL	3	0
	SOUTH AFRICA	6	6
	POLAND	2	0
	RUSSIA	1	2
	EGYPT	0	2
	SAUDI ARABIA	1	1
		Nb of	Nb of
		Securities	Securities
Region	Country	Added	Deleted
	-		
Americas	USA	87	78
	CANADA	16	12
	MEXICO	3	2
	BRAZIL	9	2
	COLOMBIA	1	0
	ARGENTINA	3	0

ASIA PACIFIC

MSCI PAKISTAN INDEX

Additions

None

Deletions

KHAN (DG) CEMENT CO KOT ADDU POWER COMPANY

THAL LTD

MSCI AUSTRALIA INDEX

Additions AUSTAL AVITA MEDICAL

ECOFIBRE

BANK OF QUEENSLAND CENTURIA METROPOLITAN

EML PAYMENTS TMF RENTHAM INGENIA COMMUNITIES GRP TSTGNTHTS PERSEUS MINING

POLYNOVO RAMELIUS RESOURCES Deletions OFX GROUP

SPEEDCAST INTERNATIONAL

SYRAH RESOURCES WAGNERS HOLDING CO WISETECH GLOBAL

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

Deletions LINICAL CO

MTG

NIPPON SHINYAKU CO

ORIX JREIT SEED CO

SQUARE ENIX HOLDINGS CO

W SCOPE CORP

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

Deletions

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

MSCI SINGAPORE INDEX

Additions

EAGLE HOSPITALITY TRUST GOLDEN AGRI RESOURCES

PRIME US REIT SASSEUR REIT

Deletions

MAPLETREE COMM TRUST

MSCI NEW ZEALAND INDEX

Additions None

Deletions MERCURY NZ

MSCI MALAYSIA INDEX

Additions

ALLIANCE BANK MALAYSIA

Deletions

BOUSTEAD PLANTATIONS

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

EASTERN & ORIENTAL BHD HONG LEONG INDUSTRIES UOA DEVELOPMENT

MSCI INDONESIA INDEX Additions ERAJAYA SWASEMBADA TBK INDO TAMBANGRAYA MEGAH

INDO TAMBANGKATA P INDOSAT RIMO INTL LESTARI SELAMAT SEMPURNA SURYA CITRA MEDIA Deletions
ACE HARDWARE INDONESIA
DELTA DUNIA MAKMUR
EAGLE HIGH PLANTATIONS
INTI AGRI RESOURCES TBK

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

TATMED DIOLOGICS

Deletions

None

Deletions ACCTON TECHNOLOGY CORP UNIVERSAL CEMENT

MSCI KOREA INDEX
Additions
CELLTRION 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 Deletions
BODITECH MED
COSMAX NBT INC
ESMO CORP
FARMSCO
GAMEVIL
HANIL HOLDINGS
ITSHANBUL
JAYJUN COSMETIC
JENAX

KMW CO
PEPTRON
PROSTEMICS

REYON PHARMACEUTICAL

MSCI THAILAND INDEX

Additions

CENTRAL PLAZA HOTEL

DOHOME

JMT NETWORK SERVICES
STAR PETROLEUM REFINING

Deletions CARABAO GROUP SRISAWAD CORP

TISCO FINANCIAL GROUP

STP & I PUBLIC CO TPI POLENE POWER TOM 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

ARVIND CARE RATINGS CG POWER & INDUSTRIAL COX & KINGS DEWAN HOUSING FIN CORP GAYATRI PROJECTS GFT. 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

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 METTI MMC MULSANNE GROUP HLDG NOVA GROUP HOLDINGS (CN) OZNER WATER INTL HOLDING PRINX CHENGSHAN CAYMAN SCHOLAR EDUCATION GROUP SHANGHAI GREENCOURT B SHIRBLE DEPARTMENT STORE

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

EUROPE, MIDDLE EAST AND AFRICA

MSCI UNITED ARAB EMIRATES INDEX Additions

Additions SHUAA CAPITAL Deletions None

MSCI BELGIUM INDEX

SIHUAN PHARMA HLDGS SO YOUNG INTL A ADR TONG REN TANG TECH H YINCHENG INTL HLDGS

Additions None Deletions GALAPAGOS

MSCI SWITZERLAND INDEX

Additions

Deletions

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BELIMO HOLDING SCHMOLZ + BICKENBACH

MEDACTA GROUP

MSCI DENMARK INDEX

Additions Deletions

VELOXIS PHARMACEUTICALS BANG & OLUFSEN B

MSCI SPAIN INDEX

Additions Deletions None ERCROS

MSCI FRANCE INDEX

MSCI GERMANY INDEX

Additions Deletions
BIC ASSYSTEM
CARMILA HAULOTTE GROUP
IMERYS

Additions Deletions DATAGROUP AUMANN

DERMAPHARM HOLDING COMDIRECT BANK

HORNBACH BAUMARKT EDAG ENGINEERING GROUP

HUGO BOSS H&R WACKER CHEMIE SURTECO

MSCI NETHERLANDS INDEX

Additions Deletions
None ALTICE EUROPE A
PROQR THERAPEUTICS

MSCI ITALY INDEX

Additions Deletions
GAMENET GROUP BIO ON
ILLIMITY BANK

MSCI NORWAY INDEX

Additions Deletions ADEVINTA A AKASTOR

FJORDKRAFT HOLDING KONGSBERG AUTOMOTIVE NORDIC NANOVECTOR SEADRILL LTD

MSCI SWEDEN INDEX

Additions Deletions
AMBEA AB CATENA MEDIA
ATRIUM LJUNGBERG B HALDEX
BEIJER REF PROBI AB
BIOARCTIC B VOLATI

CATENA JOHN MATTSON POWERCELL SWEDEN

SAMHALLSBYGGNADSBOLAGE D

MSCI UNITED KINGDOM INDEX

Additions Deletions

AIRTEL AFRICA ACCESSO TECHNOLOGY GROUP

CRANEWARE AVEVA GROUP
ELAND OIL & GAS CHEMRING GROUP
FINABLR COSTAIN GROUP
INVESTEC PLC (GB) DFS FURNITURE
NETWORK INTERNATIONAL JD SPORTS FASHION

SPIRENT COMMUNICATIONS KIER GROUP
TI FLUID SYSTEMS PENDRAGON

TRAINLINE STOCK SPIRITS GROUP

WOOD GROUP (JOHN)

MSCI FINLAND INDEX

Additions None

Deletions LEHTO GROUP PONSSE TIKKURILA

MSCI TURKEY INDEX

Additions Deletions

ECZACIBASI ILAC SANAYI None

> VERUSA HOLDING ZORLU ENERJI

MSCI IRELAND INDEX

Additions Deletions

None PERMANENT TSB GROUP HLDG

MSCI ISRAEL INDEX

Additions Deletions ENLIGHT RENEWABLE ENERGY None

FIBI HOLDINGS ISRACARD

MSCI SOUTH AFRICA INDEX

Additions Deletions

INVESTEC PROPERTY FUND ARROWHEAD PROPERTIES B NETCARE BLUE LABEL TELECOMS LTD EOH HOLDINGS SAPPI

STOR AGE PROPERTY REIT

IMPALA PLATINUM HOLDINGS TRANSACTION CAPITAL NORTHAM PLATINUM TRUWORTHS INTERNATIONAL SIBANYE GOLD

MSCI POLAND INDEX

Deletions Additions ALIOR BANK None JASTRZEBSKA SPOLKA WEGL

MSCI RUSSIA INDEX

Additions Deletions

OGK-2 (RUB) RASPADSKAYA (RUB) ROS AGRO (RUB)

MSCI EGYPT INDEX

Additions Deletions

None ALEXANDRIA MINERAL OILS

SIDI KERIR PETROCHEMICAL

MSCI SAUDI ARABIA INDEX

Additions Deletions MAHARAH HUMAN RESOURCES HALWANI BROS CO

AMERICAS

MSCI USA INDEX

Additions Deletions

ADVERUM BIOTECHNOLOG ABEONA THERAPEUTICS

AFFILIATED MANAGERS GRP ACCURAY

ALKERMES ACORDA THERAPEUTICS AMERICAN SOFTWARE A ADURO BIOTECH

ANAPLAN APPLIED OPTOELECTRONICS

ASSETMARK FINANCIAL HLDG AQUA AMERICA

ARLINGTON ASSET INV A BEYOND MEAT BIODELIVERY SCIENCE INTL ARMSTRONG FLOORING ASSERTIO THERAPEUTICS BLOCK (H&R)

BRIGHAM MINERALS A BIGLARI HOLDINGS B 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

IMPINJ

INTL MONEY EXPRESS JERNIGAN CAPITAL KODIAK SCIENCES L. BRANDS

LANNETT CO LEVI STRAUSS A LUXFER HOLDINGS (US)

MACERICH CO MACY'S

MAXAR TECHNOLOGIES(US)

MEDALLIA

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 PAYSIGN PHREESIA

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

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
TAILORED 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

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

MSCI MEXICO INDEX Additions AXTEL CPO GRUPO TRAXION A TENEDORA NEMAK

Deletions INDUSTRIAS BACHOCO B TV AZTECA CPO

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

Deletions
BANCO INTER PN
VALID SOLUCOES E SVCS ON

MSCI COLOMBIA INDEX Additions CEMENTOS ARGOS (NEW)

Deletions None

MSCI ARGENTINA INDEX Additions BBVA BANCO FRANCES ADR PAMPA ENERGIA ADR TRANSPORTADORA GAS B ADR

Deletions None

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