## Geneva, November 12, 2015

MSCI GLOBAL MICRO CAP INDEXES

The following are changes in constituents for the MSCI Global Micro Cap Indexes which will take place as of the close of November 30, 2015.

SUMMARY PER COUNTRY:

Country	Nb of Securities Added	Nb of Securities Deleted
AUSTRALIA	36	27
BELGIUM	2	3
SWITZERLAND	1	4
DENMARK	0	3
SPAIN	5	1
FRANCE	11	10
GERMANY	8	11
NETHERLANDS	4	2
ITALY	8	1
JAPAN	47	21
HONG KONG	65	40
SINGAPORE	16	15
NORWAY	7	7
AUSTRIA	0	1
USA	152	56
CANADA	32	20
SWEDEN	10	6
UNITED KINGDOM	40	43
FINLAND	3	0
NEW ZEALAND	2	0
PORTUGAL	1	0
IRELAND	0	3
ISRAEL	30	7

MSCI AUSTRALIA INDEX Additions ADAIRS ADHERIUM AMAYSIM AUSTRALIA APPEN AUSTRALIAN FINANCE GROUP AXIOM MINING BESTON GLOBAL FOOD BRADKEN CASH CONVERTERS INTL CATAPULT GROUP INTL CITADEL GROUP CLEAN TEQ HOLDINGS DACIAN GOLD DRILLSEARCH ENERGY ENERGY RESOURCES OF AUST EUREKA GROUP HOLDINGS FOLKESTONE EDU TRUST FUTURE FIBRE TECH GARDA DIVERSIFIED PPTY ISIGNTHIS KINA SECURITIES LATAM AUTOS MITULA GROUP PEET PILBARA MINERALS PROPHECY INTL HLDGS QMS MEDIA RAND MINING SENEX ENERGY SKYDIVE THE BEACH GROUP SUPERLOOP THORN GROUP

Deletions 1-PAGE A-CAP RESOURCES ACONEX ALLIANCE RESOURCES AURELIA METALS AUSTBROKERS HOLDINGS AVEXA BANNERMAN RESOURCES BELLAMY'S AUSTRALIA BURSON GROUP DONACO INTERNATIONAL GEODYNAMICS GI DYNAMICS CDI IMAGE RESOURCES NL INVION KASBAH RESOURCES MINDAX PANCONTINENTAL OIL & GAS PANTERRA GOLD PROGRAMMED MAINTENANCE PURA VIDA ENERGY RCG CORP RED EMPEROR RESOURCES RNI SIHAYO GOLD SPEEDCAST INTERNATIONAL ST BARBARA

TOUCHCORP TPI ENTERPRISES VIRALYTICS ZIPTEL

MSCI BELGIUM INDEX Additions MITHRA PHARMACEUTICALS TINC COMM

MSCI SWITZERLAND INDEX Additions CASSIOPEA

MSCI DENMARK INDEX Additions None

MSCI SPAIN INDEX Additions CEMENTOS PORTLAND INMOBILIARIA DEL SUR NATURHOUSE HEALTH RENTA REAL ESTATE TUBOS REUNIDOS

MSCI FRANCE INDEX Additions ABIVAX AMOEBA AMPLITUDE SURGICAL BIOPHYTIS CERENIS THERAPEUTICS FOUNTAINE PAJOT MEDIAN TECHNOLOGIES ONCODESIGN OSE PHARMA INTERNATIONAL QUANTUM GENOMICS SAS SENSORION

MSCI GERMANY INDEX Additions 7C SOLARPARKEN KONTRON MUELLER DIE LILA PUBLITY SURTECO TOM TAILOR HOLDING WCM BETEILIGUNGS & GRUND WINDELN DE

MSCI NETHERLANDS INDEX Additions GROOTHANDELSGEBOUWEN KIADIS PHARMA PROQR THERAPEUTICS UNIQURE Deletions ASCENCIO CIE DU BOIS SAUVAGE GREENYARD FOODS

Deletions CIE FINANCIERE TRAD INH IVF HARTMANN HOLDING NEWRON PHARMACEUTICALS PERFECT HOLDING

Deletions DLH B TORM VELOXIS PHARMACEUTICALS

Deletions FLUIDRA

Deletions GFI INFORMATIQUE GROUPE GUILLIN LATECOERE MANUTAN INTERNATIONAL NEURONES OENEO PHARMAGEST INTERACTIVE SAMSE STE DE LA TOUR EIFFEL THERMADOR GROUPE

Deletions ADVA OPTICAL NETWORKING ASIAN BAMBOO CROPENERGIES HAWESKO HOLDING KOENIG & BAUER NANOSTART REALTECH SEVEN PRINCIPLES UNITED POWER TECHNOLOGY WASHTEC WILD BUNCH

Deletions BALLAST NEDAM CERT EUROCASTLE INVESTMENT MSCI ITALY INDEX Additions AEROPORTO GUGLIELMO BANCA SISTEMA COVER 50 IVS GROUP A LU-VE MASI AGRICOLA MASSIMO ZANETTI BEV GRP PITECO

MSCI JAPAN INDEX Additions 3D MATRIX AIMING ARTRA CORP CRE DATA APPLICATIONS CO DEAR LIFE CO DESIGNONE JAPAN DIGITAL INFORMATION TECH FINDEX FIRST CORP FUJI DIE GNI GROUP GUNOSY HEALTHCARE & MEDICAL INV HOUSE DO CO IRIDGE TTOKURO JAPAN SENIOR LIVING INV JIG SAW KOBELCO ECO-SOLUTIONS CO METAPS MIE KOTSU GROUP HOLDINGS MINORI SOLUTIONS NAKAMURA CHOUKOU NEPRO JAPAN CO NIFTY CORP NIPPON COMPUTER DYNAMICS NIPPON SKI RESORT DEV CO NITTOBEST CORP OAT AGRIO OLIVER CORP OPTIM PCI HOLDINGS RENTRACKS REPROCELL RS TECHNOLOGIES CO SAGAMI RUBBER IND SAMTY RESIDENTIAL INV SANBIO CO SHAKLEE GLOBAL GROUP SHIN NIPPON BIO LAB TAKAHASHI CURTAIN WALL ΤΑΚΕΜΟΤΟ ΥΟΗΚΙ CO TENRYU SAW MFG CO TERRASKY CO TOKYO KOHTETSU CO WIRELESSGATE

MSCI HONG KONG INDEX Additions AEON CREDIT SERVICE ASIA ASIA CASSAVA RESOURCES ASIAN CAPITAL HOLDINGS AUSNUTRIA DAIRY (HK) BAOFENG MODERN INTL BONJOUR HOLDINGS CAPITAL VC CHANCO INTERNATIONAL CHIA TAI ENT INTL CHINA 3D DIGITAL ENTMT Deletions DELCLIMA

Deletions

HALOWS CO

NAGAWA CO

SFP DINING

YONEX CO

QOL CO

ANICOM HOLDINGS

KASAI KOGYO CO

NIHON CHOUZAI CO

POCKET CARD CO

CHUKYO BANK (THE)

FUNAI SOKEN HOLDINGS

KANTO DENKA KOGYO CO

SAKAI MOVING SERVICE CO

SECOM JOSHINETSU CO

SEPTENI HOLDINGS CO

SOGO MEDICAL CO

ZENITAKA CORP

TOEI ANIMATION CO

TOKUSHU TOKAI PAPER CO

ADVAN CO

FFRI

Deletions 21 HOLDINGS ASIA RESOURCES HOLDINGS BEP INTL HOLDINGS CAPITAL FINANCE HOLDINGS CARRY WEALTH HOLDINGS CHINA INFRASTRUCTURE CHINA STRATEGIC HLDGS COMMON SPLENDOR INTL CROSS-HARBOUR HOLDINGS CW GROUP HOLDINGS

MSCI SINGAPORE INDEX Additions 800 SUPER HOLDINGS BOUSTEAD PROJECTS HONG LEONG ASTA IPS SECUREX HOLDINGS IX BIOPHARMA MICRO MECHANICS HOLDINGS MM2 ASIA NEW SILKROUTES GROUP NSL PACIFIC RADIANCE REX INTERNATIONAL HLDG SINGAPORE O&G SINGHAIYI GROUP SOO KEE GROUP STRATECH GROUP (THE) VICOM

CHINA ALUMINUM CANS CHINA BEST GROUP (CN) CHINA ENV ENERGY INV CHINA FISHERY GROUP CHINA INVESTMENT FUND CHINA METAL INTL (CN) CHINA PACKAGING HLDGS CHINA TRENDS HLDGS CNNC INTERNATIONAL COURAGE MARINE GRP (HK) ECHO INTERNATIONAL ELEGANCE OPTICAL INTL EXTRAWELL PHARMA (CN) GLOBAL STRATEGIC GROUP GOLDBOND GROUP HLDG (CN) GOLDENMARS TECHNOLOGY GURU ONLINE HLDGS HENDERSON INV (HK) HONG KONG TV NETWORK IMAGI INTL HOLDINGS (HK) IN CONSTRUCTION HLDGS INNOVATIVE PHARMA BIOTEC ITC PROPERTIES GROUP JETE POWER HOLDINGS JIMEI INTL ENTERTAINMENT JINHUI SHIPPING & TRANSN KING FORCE SECURITY KTL INTERNATIONAL HLDGS KWAN ON HOLDINGS LOUDONG GENERAL NICE RES MERRY GARDEN HOLDINGS MING FAI INTL (CN) MULTIFIELD INTERNATIONAL NEW CONCEPTS HOLDINGS PACIFIC ANDES RES DEV PARADISE ENTERTAINMENT PERFECTECH INTL HOLDINGS PETROASIAN ENERGY HLDGS PURAPHARM CORP RUNWAY GLOBAL HOLDINGS SKY LIGHT HOLDINGS SMARTAC GRP CHINA HLDGS SOUNDWILL HOLDINGS SOUTHWEST SECURITIES INT SYNERGY GROUP HLDGS INTL TAO HEUNG TOPSEARCH INTL HLDGS UPBEST GROUP VITAL MOBILE HOLDINGS WAN KEI GROUP HOLDINGS WLS HOLDINGS WORLD HOUSEWARE HOLDINGS YAN TAT GROUP HOLDINGS YORKEY OPTICAL (CN) ZEBRA STRATEGIC HOLDINGS

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Deletions ATTILAN GROUP BLUMONT GROUP CEFC INTERNATIONAL CHINA TAISAN TECH GROUP GOLDEN ENERGY AND RES HU AN CABLE HOLDINGS KARIN TECHNOLOGY HLDGS LH GROUP LI HENG CHEMICAL METECH INTERNATIONAL Q & M DENTAL GROUP RIVERSTONE HOLDINGS S I2I SBS TRANSIT UNIVERSAL RES & SVCS

DAOHE GLOBAL GROUP DINGYI GROUP INVESTMENT E RENTAL CAR CO EMPEROR CAPITAL GROUP ENERCHINA HOLDINGS FIRST CHINA FINL NETWORK FIRST CREDIT FINANCE GRP GREEN INTL HLDGS GREENS HOLDINGS GROUND PROPERTIES CO HAILIANG INTERNATIONAL HAO TIAN DEVELOPMENT GRP HUAJUN HOLDINGS LT COMMERCIAL REAL EST MEGA MEDICAL TECHNOLOGY NATURAL BEAUTY BIO-TECH NEO-NEON HOLDINGS PEACE MAP HOLDING PYI CORPORATION SHIHUA DEVELOPMENT CO SOLARTECH INTL HLDGS SOUTH CHINA HOLDINGS CO SUNWAY INTL HOLDINGS TSC OFFSHORE GROUP VISION VALUES HOLDINGS WAI CHUN MINING IND GRP WINSHINE ENTMT & MEDIA YUAN HENG GAS HOLDINGS YUESHOU ENVIRONMENTAL YUHUA ENERGY HOLDINGS

MSCI NORWAY INDEX Additions CXENSE GAMING INNOVATION GROUP MULTICONSULT NEL NORDIC NANOVECTOR NRC GROUP SPAREBANKEN SOR MSCI AUSTRIA INDEX Additions None MSCI USA INDEX Additions 6D GLOBAL TECHNOLOGIES ABEONA THERAPEUTICS ABRAXAS PETROLEUM ALDEYRA THERAPEUTICS ALTISOURCE ASSET MGMT AMERIANA BANCORP ANTARES PHARMA APIGEE CORP APPLIED DNA SCIENCES APPROACH RESOURCES AOUA METALS ARATANA THERAPEUTICS ARBUTUS BIOPHARMA CORP ARCADIA BIOSCIENCES ARI NETWORK SERVICES ATLANTIC COAST FINANCIAL ATYR PHARMA AVALANCHE BIOTECHNOLOG AVENUE FINANCIAL HLDGS AVID TECHNOLOGY BANK OF SOUTH CAROLINA BASIC ENERGY SERVICES BIOSCRIP BLACK DIAMOND BLUE BIRD (US) BREEZE EASTERN CORP CAI INTERNATIONAL CALAMOS ASSET MGMT A CAPRICOR THERAPEUTICS CARBYLAN THERAPEUTICS CAROLINA BANK HOLDINGS CAROLINA FINANCIAL CORP CATABASIS PHARMA CDI CORP CIDARA THERAPEUTICS CIVEO CORPORATION CLOUD PEAK ENERGY CMNTY BANKERS TRUST CORP CODE REBEL COLLEGIUM PHARMACEUTICAL COLONY BANKCORP COLUCID PHARMACEUTICALS COMMUNITY FINANCIAL CORP COMMUNITY HEALTHCARE CONIFER HOLDINGS CONTANGO OIL & GAS CO CONTROL4 CORP CORBUS PHARMACEUTICALS CORINDUS VASCULAR CRAWFORD & CO A CRAWFORD & CO B CUMULUS MEDIA A DNB FINANCIAL CORP ENDOCHOICE HOLDINGS ENDOCYTE

ABG SUNDAL COLLTER BADGER EXPLORER ASA BERGEN GROUP AS FRONTLINE IDEX INTEX RESOURCES MULTICLIENT GEOPHYSICAL Deletions BWT Deletions A10 NETWORKS ADDUS HOMECARE CORP ANCHOR BANCORP WISCONSIN ARDELYX BNC BANCORP BRIDGE BANCORP CARA THERAPEUTICS CARROLS RESTAURANT GRP CASCADE BANCORP CENTURY COMMUNITIES CERES CITI TRENDS CONCERT PHARMACEUTICALS CROSS COUNTRY HEALTHCARE DERMIRA DEX MEDIA DGSE COMPANIES EASTERLY GOVERNMENT PPTY ELDORADO RESORTS ESSEX RENTAL CORP FIDELITY SOUTHERN CORP GERMAN AMERICAN BANCORP GREEN BRICK PARTNERS A HACKETT GROUP HARVARD APPARATUS HERON THERAPEUTICS INTELLICHECK MOBILISA KALOBIOS PHARMACEUTICALS LA JOLLA PHARMACEUTICAL LIQUID HOLDINGS GROUP LPATHASS A MAGELLAN PETROLEUM CORP METRO BANCORP MINES MANAGEMENT MITEL NETWORKS CORP NATIONAL RESEARCH CORP A NATIONAL RESEARCH CORP B NATURAL HEALTH TRENDS NEWBRIDGE BANCORP OCEAN POWER TECHNOLOGIES OMEGA PROTEIN CORP PACIFIC PREMIER BANCORP PARAMOUNT GOLD NEVADA PARATEK PHARMACEUTICALS PERSEON CORP PREFERRED BANK LOS ANGEL PREMIER EXHIBITIONS RE MAX HOLDINGS A RLJ ENTERTAINMENT ROYALE ENERGY SPORTSMANS WAREHOUSE STRAIGHT PATH B TREVENA VENAXIS WAVE SYSTEMS CORP A

Deletions

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ENERGY FOCUS ENERGY XXI ENPHASE ENERGY EVANS BANCORP FENIX PARTS FIRST BANCSHARES (THE) FIRST CAPITAL FIRST CAPITAL BANCORP FOSTER (L.B.) CO A FRANKLIN FINL NETWORK GASTAR EXPLORATION GENCO SHIPPING & TRDNG GENERAL EMPLOYMENT ENT GREENE COUNTY BANCORP GUARANTY FEDERAL HAWTHORN BANCSHARES HORIZON GLOBAL CORP HORSEHEAD HOLDING HOWARD BANCORP INVITAE INVIVO THERAPEUTICS HLDG INVUITY ION GEOPHYSICAL CORP JERNIGAN CAPITAL KEMPHARM KEY ENERGY SERVICES KINGSTONE COS LAKE SUNAPEE BANK GROUP LANTHEUS HOLDINGS MACKINAC FINANCIAL CORP MAGNUM HUNTER RESOURCES MAJESCO MAM SOFTWARE GROUP MAXPOINT INTERACTIVE MCBC HOLDINGS MILESTONE SCIENTIFIC MSB FINANCIAL CORP NATIONAL COMMERCE NATIONAL STORAGE NEOS THERAPEUTICS NEXPOINT RESIDENTIAL NIVALIS THERAPEUTICS OAK VALLEY BANCORP ONCOSEC MEDICAL ONE GROUP HPTY (THE) OOMA PENDRELL PENN VIRGINIA CORP PEOPLE'S UTAH BANCORP PERSHING GOLD PIERIS PHARMACEUTICALS PIONEER ENERGY SERVICES PROVIDENT BANCORP PSB HOLDINGS PULMATRIX RCS CAPITAL CORP A REAL INDUSTRY REALNETWORKS RECRO PHARMA REMARK MEDIA RENTECH REPUBLIC AIRWAYS HLDG REX ENERGY CORP RGC RESOURCES ROCKET FUEL SANDRIDGE ENERGY SECOND SIGHT MEDICAL PRD SELECT BANCORP SEVENTY SEVEN ENERGY SFX ENTERTAINMENT SILICON GRAPHICS INTL SOUTHCOAST FINL CORP STEEL EXCEL SUMMIT FINANCIAL GRP TILLY'S INC A

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YODLEE

UNIVERSAL TECHNICAL INST VIKING THERAPEUTICS VINCE HOLDING VIOLIN MEMORY VIRNETX HOLDING VITAL THERAPIES VIVUS VOLITIONRX VTV THERAPEUTICS A VUZIX CORP WASHINGTONFIRST BANKSHS WESTMORELAND COAL CO WHEELER REIT XACTLY XCEL BRANDS XOMA YOUR COMMUNITY BK ZYNERBA PHARMACEUTICALS MSCI CANADA INDEX Additions AUTOMOTIVE PROP REIT BALLARD POWER SYSTEMS BLACKPEARL RESOURCES BOULDER ENERGY CALFRAC WELL SERVICES CANEXUS CAPSTONE MINING CROWN CAPITAL PARTNERS DUNDEE PRECIOUS METALS ESSA PHARMA GDI INTEGRATED FACILITY GMP CAPITAL LIQUOR STORES MAINSTREET EOUITY CORP MELCOR DEVELOPMENTS NIOCORP DEVELOPMENTS NORTHSTAR HEALTHCARE POLARIS INFRASTRUCTURE REITMANS (CANADA) A RMP ENERGY RUBICON MINERALS SHERRITT INTL RV TAMARACK VALLEY ENERGY THOMPSON CREEK METALS TMAC RESOURCES TORSTAR CORP B TRANSGLOBE ENERGY CORP TREE ISLAND STEEL TRICAN WELL SERVICE VELAN WESTPORT INNOVATIONS WI-LAN MSCI SWEDEN INDEX Additions CLAVISTER HOLDING CONCENT HOLDING B

TRIANGLE PETROLEUM CORP

UNION BANKSHARES VERMONT UNIQUE FABRICATING

UNILIFE CORP

CONCENT HOLDING B COOR SERVICE MGMT MAGNOLIA BOSTAD NOBINA POWERCELL SWEDEN PRIME LIVING QLIRO GROUP TROAX GROUP ZINZINO B

MSCI UNITED KINGDOM INDEX

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ABERDEEN INTERNATIONAL ALTIUS MINERALS AMICA MATURE LIFESTYLES ARGEX TITANIUM INC BENGAL ENERGY CANDENTE COPPER CORP DATA GROUP DRAGONWAVE EXCHANGE INCOME FORTUNE MINERALS FP NEWSPAPERS GOLDGROUP MINING IVERNIA LE CHATEAU A OROSUR MINING QUEST RARE MINERALS SPYGLASS RESOURCES STORNOWAY DIAMOND TALON METALS CORP ZAZU METALS CORP

Deletions

Deletions ENDOMINES AB KOPPARBERG BRYGGER B PA RESOURCES RAYSEARCH LABORATORIES B TRIGON AGRI VITROLIFE AB Additions 1PM AB DYNAMICS ADEPT TELECOM ATLANTIS RESOURCES CASTLETON TECHNOLOGY CROPPER (JAMES) CURTIS BANKS GROUP EDISTON PROPERTY INV ELEGANT HOTELS GROUP EMPRESARIA GROUP ERGOMED EUROCELL EVERYMAN MEDIA GROUP FULHAM SHORE GATELEY HOLDINGS GLOBO GROUND RENTS INCOME FND HSS HIRE GROUP LAKEHOUSE LAVENDON GROUP MARSHALL MOTOR HLDGS MISSION MARKETING GROUP MONITISE MOTIF BIO NETSCIENTIFIC OXFORD BIOMEDICA PLANT IMPACT PROACTIS HOLDINGS PURE WAFER REDX PHARMA REVOLYMER ROCKHOPPER EXPLORATION SAVANNAH PETROLEUM STADIUM GROUP STRIDE GAMING TARSUS GROUP TRAKM8 HOLDINGS TRISTEL TUNGSTEN CORP ULS TECHNOLOGY

MSCI FINLAND INDEX Additions ASIAKASTIETO GROUP PIHLAJALINNA ROBIT

MSCI NEW ZEALAND INDEX Additions PROPERTY FOR INDUSTRY TRILOGY INTERNATIONAL

MSCI PORTUGAL INDEX Additions BANIF

MSCI IRELAND INDEX Additions None

MSCI ISRAEL INDEX Additions ALCOBRA ATTUNITY (USD)

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Deletions ARIAN SILVER CORP AVON RUBBER CAMELLIA CLIPPER LOGISTICS CONVIVIALITY EMPIRIC STUDENT PROPERTY FIRST DERIVATIVES FORBIDDEN TECHNOLOGIES GAMMA COMMUNICATIONS GB GROUP GCP STUDENT LIVING GLEESON (M.J.) GULFSANDS PETROLEUM HARWORTH GROUP HERENCIA RESOURCES HIGHLAND GOLD MINING IOMART GROUP JOHNSON SERVICE GROUP LANDORE RESOURCES LANSDOWNE OIL & GAS MCBRIDE MINERA IRL P2P GLOBAL INVESTMENTS PATISSERIE HOLDINGS POWERFLUTE PUNCH TAVERNS REDCENTRIC RURELEC S & U SCAPA GROUP SEAENERGY SEPURA SIRIUS MINERALS SIRIUS REAL ESTATE STAFFLINE GROUP TELFORD HOMES TOPPS TILES TRINITY EXPL & PROD URALS ENERGY PUBLIC CO VERNALIS VP WEATHERLY INTERNATIONAL ZANAGA IRON ORE

Deletions None

Deletions None

Deletions None

Deletions FYFFES IRISH RESIDENTIAL PROP TOTAL PRODUCE

Deletions ALROV PROPERTIES BRACK CAPITAL PROPERTIES

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BATM ADV COMMU (GBP) BIO BLAST PHARMA BLUE SQUARE REAL ESTATE COMPUGEN (USD) ENZYMOTEC (USD) FOAMIX PHARMACEUTICALS GALMED PHARMACEUTICALS ISSTA LINES KNAFAIM HOLDINGS MACROCURE MAGAL SECURITY SYS (USD) MATOMY MEDIA GROUP MEDIWOUND MY SIZE NISSAN MEDICAL IND RADCOM REWALK ROBOTICS RR MEDIA (USD) SARINE TECHNOLOGIES SHL TELEMEDICINE SILICOM (US) SODASTREAM INTL SUPERCOM (USD) SYNERON MEDICAL (USD) TADIRAN HOLDINGS TOP IMAGE SYSTEMS VASCULAR BIOGENICS VITANIA

COMPUGEN FORMULA SYSTEMS 1985 PROPERTY & BUILDING CORP SAPIENS INTL CORP SILICOM

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