



National Marine Electronics Association

Approved 0183 Manufacturer's Mnemonic Codes

Yellow highlights indicate code is reserved by NMEA for future use

Updated APRIL 1, 2021

3SN	3-S NAVIGATION
AAB	ASM SELECTIVE ADDRESSED MESSAGE (RESERVED FOR FUTURE USE)
AAR	ASIAN AMERICAN RESOURCES
ABB	ASM BROADCAST MESSAGE (RESERVED FOR FUTURE USE)
ACC	ASM COAST STATION CONFIGURATION COMMAND (RESERVED FOR FUTURE USE)
ACD	ACCORD SOFTWARE & SYSTEMS PVT. LTD.
ACE	AUTO-COMM ENGINEERING CORP.
ACR	ACR ELECTRONICS, INC.
ACS	ARCO SOLAR, INC.
ACT	ADVANCED CONTROL TECHNOLOGY
ADM	ASM VHF DATA-LINK MESSAGE (RESERVED FOR FUTURE USE)
ADI	ADITEL
ADN	AD NAVIGATION
ADO	ASM VHF DATA-LINK OWN-VESSEL REPORT (RESERVED FOR FUTURE USE)
AGB	ASM GEOGRAPHICAL MULTICAST MESSAGE (RESERVED FOR FUTURE USE)
AGI	AIRGUIDE INSTRUMENT CO.
AGL	ALERT GROUP LIST (RESERVED FOR FUTURE USE)
AHA	AUTOHELM OF AMERICA
AIP	AIPHONE CORP.
ALD	ALDEN ELECTRONICS, INC.
AMB	AMBARELLA INC
AMC	ALLTEK MARINE ELECTRONICS CORP.
AMI	ADVANCED MARINE INSTRUMENTATION, LTD.
AMK	ASM ADDRESSED AND BROADCAST MESSAGE AKNOWEGMENT (RESERVED FOR FUTURE USE)
AMM	AQUAMETRO MARINE GmbH
AMR	AMR SYSTEMS
AMT	AIRMAR TECHNOLOGY
AND	ANDREW CORPORATION

ANI	AUTONAUTICAL INSTRUMENTAL S.L.
ANS	ANTENNA SPECIALISTS
ANX	ANALYTYX ELECTRONIC SYSTEMS
ANZ	ANSCHUTZ OF AMERICA
AOB	AEROBYTES LTD
APC	APELCO
APN	AMERICAN PIONEER, INC.
APO	AUTOMATED PROCEDURE OPTIONS (RESERVED FOR FUTURE USE)
APW	AUTOMATIC POWER, INC. / PHAROS MARINE
APX	AMPEREX, INC.
AQC	AQUA-CHEM, INC.
AQD	AQUADYNAMICS, INC.
AQM	AQUA METER INSTRUMENT CO.
ARL	ACTIVE RESEARCH LIMITED
ART	ARLT TECHNOLOGIES GmbH
ARV	ARVENTO MOBILE SYSTEM A.S.
ASG	ASM COAST STATION CONFIGURATION STATUS GENERAL (RESERVED FOR FUTURE USE)
ASH	ASHTECH
ASM	(RESERVED FOR FUTURE USE)
ASP	AMERICAN SOLAR POWER
ASQ	(RESERVED FOR FUTURE USE)
ATC	ADVANCED C TECHNOLOGY, LTD
ATE	AETNA ENGINEERING
ATM	ATLANTIC MARKETING COMPANY
ATR	AIRTRON
ATV	ACTIVATION, INC.
AUC	AUTOMATED PROCEDURE CONTROL (RESERVED FOR FUTURE USE)
AUP	AUTOMATED PROCEDURE QUERY (RESERVED FOR FUTURE USE)
AUS	AUTOMATED PROCEDURE STATUS (RESERVED FOR FUTURE USE)
AVN	ADVANCED NAVIGATION, INC.
AWA	AWA NEW ZEALAND, LTD.
AXN	AXIOM NAVIGATION, INC.
BBG	BBG INCORPORATED
BBL	BBL INDUSTRIES, INC.
BBR	BBR AND ASSOCIATES
BDV	BRISSON DEVELOPMENT, INC.
BEC	BOAT ELECTRIC CO.
BFA	BLUEFLOW AMERICAS
BGG	BODENSEE GRAAVITYMETER GEOSYSTEMS GmbH
BGS	BARRINGER GEOSERVICE
BGT	BROOKES AND GATEHOUSE, INC.
BHE	BH ELECTRONICS
BHR	BAHR TECHNOLOGIES, INC.
BLB	BAY LABORATORIES
BMC	BMC
BME	BARTEL MARINE ELECTRONICS
BMS	BECKER MARINE SYSTEMS
BMT	AVENTICS GmbH (formerly Bosch Rexroth AG Marine Technique)
BNI	NEIL BROWN INST. SYSTEMS

BNS	BOWDITCH NAVIGATION SYSTEMS
BRM	MEL BARR COMPANY
BRO	BROADGATE, LTD
BRY	BYRD INDUSTRIES
BTH	BENTHOS, INC.
BTK	BALTEK CORP.
BTS	BOAT SENTRY, INC.
BVE	BV ENGINEERING
BXA	BENDIX-AVALEX, INC.
CAI	CAMBRIDGE AERO INSTRUMENTS
CAT	CATEL
CBN	CYBERNET MARINE PRODUCTS
CCA	COPAL CORP OF AMERICA
CCC	COASTEL COMMUNICATIONS CO.
CCL	COASTAL CLIMATE COMPANY
CCM	COASTAL COMMUNICATIONS
CDC	CORDIC COMPANY
CDI	CHETCO DIGITAL INSTRUMENTS
CDL	CDLTD INC
CDS	CENTRAL DIMMING SET (RESERVED FOR FUTURE USE)
CEC	CECO COMMUNICATONS, INC.
CEI	CAMBRIDGE ENGINEERING, INC.
CFS	CARLISLE AND FINCH COMPANY
CHI	CHARLES INDUSTRIES, LTD.
CIN	CANADIAN AUTOMOTIVE INSTRUMENTS
CKM	CINKEL MARINE ELECTRONICS
CLR	COLORLIGHT AB
CMA	SOC. NOUVELLE D'EQUIP. CALVADOS
CMC	COE MANUFACTURING CO.
CME	CUSHMAN ELECTRONICS, INC.
CML	CML MICROSYSTEMS, PLC
CMN	COMNAV MARINE, LTD.
CMP	C-MAP, s.r.l.
CMS	COASTAL MARINE SALES CO.
CMV	COURSEMASTER USA, INC.
CNI	CONTINENTAL INSTRUMENTS
CNS	C.N.S. SYSTEMS AB
CNV	COASTAL NAVIGATOR
CNX	CYNEX MANUFACTURING CO.
CPL	COMPUTROL, INC.
CPN	COMPUNAV
CPS	COLUMBUS POSITIONING, LTD
CPT	CPT, INC.
CRE	CRYSTAL ELECTRONICS, LTD
CRO	THE CARO GROUP
CRY	CRYTEK CRYSTALS CORP.
CSI	COMMUNICATION SYSTEMS INTL
CSM	COMSAT MARITIME SERVICES
CSR	CSR STOCKHOLM
CSS	CNS INC

CST	CAST, INC.
CSV	COMBINED SERVICES
CTA	CURRENT ALTERNATIVES
CTB	CETEC BENMAR
CTC	CELL-TECH COMMUNICATIONS
CTE	CASTLE ELECTRONICS
CTL	C-TECH, LTD.
CTS	C-TECH SYSTEMS
CUL	CYCLIC PROCEDURE LIST (RESERVED FOR FUTURE USE IN DSC)
CUS	CUSTOMWARE
CWD	CUBIC WESTERN DATA
CWF	HAMILTON JET
CWV	CELWAVE R.F., INC.
CYL	CYCLIC PROCEDURE LIST (RESERVED FOR FUTURE USE)
CYZ	CYZ, INCORPORATED
DAN	DANELEC MARINE A/S
DAS	DASSAULT SERCEL NAVIGATION-POSITIONING
DBM	DEEP BLUE MARINE
DCC	DOLPHIN COMPONENTS CORP.
DEB	DEBEG GMBH
DEC	DECCA DIVISION, LITTON MARINE SYSTEMS, BV
DFI	DEFENDER INDUSTRIES, INC.
DGC	DIGICOURSE, INC.
DGY	DIGITAL YACHT LTD
DGP	DIGPILOT AS
DME	DELORME
DMI	DATAMARINE INTERNATIONAL
DNS	DORNIER SYSTEM GMBH
DNT	DEL NORTE TECHNOLOGY, INC.
DOI	DIGITAL OCEANS INC.
DPC	DATA PANEL CORP
DPS	DANAPLUS, INC.
DRL	R.L.DRAKE COMPANY
DSC	DYNASCAN CORP.
DTN	DYTECHNA, LTD
DTW	DATAWELL BV
DYN	DYNAMOTE CORPORATION
DYT	DYTEK LABORATORIES, INC.
EAN	EURO AVIONICS NAVIGATIONSSYSTEME GmbH
EBC	EMERGENCY BEACON CORP.
ECR	ESCORT, INC.
ECI	ENHANCED SELECTIVE CALLING INFORMATION (RESERVED FOR FUTURE USE)
ECT	ECHOTEC, INC.
EDO	EDO CORPORATION ELECTROACOUSTICS DIV.
EEL	ELECTRONICA EUTIMIO S.L.
EEV	EEV, INC.
EFC	EFCOM COMMUNICATION SYSTEMS
EKC	EASTMAN KODAK
ELA	WARTSILA ELAC NAUTIK GmbH (formally L-3 COMMUNICATIONS ELAC NAUTIK GmbH)

ELD	ELECTRONIC DEVICES, INC.
ELM	ELMAN s.r.l
EMC	ELECTRIC MOTION COMPANY
EMK	E-MARINE CO. LTD , (South Korea)
EMR	EMRI-AS DK
EMS	ELECTRO MARINE SYSTEMS, INC.
ENA	ENERGY ANALYSTS, INC.
ENC	ENCRON, INC.
EPL	(RESERVED FOR FUTURE USE)
EPM	EPSCO MARINE
EPS	SEIKO EPSON CORPORATION
EPT	EASTPRINT, INC.
ERC	THE ERICSSON CORPORATION
ERD	eRide, INC.
ESA	EUROPEAN SPACE AGENCY
ESC	ELECTRONICS EMPORIUM, DIVISION OF ESC PRODUCTS
ESY	E-SYSTEMS, ECI DIVISION
FDN	FLUIDDYNE
FEC	FURUNO ELECTRIC CO.
FHE	FISH HAWK ELECTRONICS
FJA	INGENIEURBÜRO DIPL. ING. (FH) FRIEDRICH JANUS
FJN	JON FLUKE CO.
FLA	FLARM TECHNOLOGY GMBH (SWITZERLAND)
FLO	FLOSCAN INCORPORATED
FMM	FIRST MATE MARINE AUTOPILOTS
FMS	FUGRO SEASTAR AS (MARINESTAR)
FNT	FRANKLIN NET AND TWINE, LTD
FRC	THE FREDERICKS COMPANY
FSC	FREQUENCY STATUS AND COMMAND (Reserved for future use may replace fss) 20200601
FSS	FREQUENCY SELECTION (RESERVED FOR FUTURE USE)
FST	FASTRAX OY
FTG	T.G.FARIA CORPORATION
FTT	FT- TEC
FUG	FUGRO INTERSITE B.V.
FUJ	FUJITSU TEN CORPORATION OF AMERICA
FUR	FURUNO USA, INC.
FWG	FORSCHUNGSBEREICH, WASSERCHALL AND GEOPHYSIK WTD 71
GAM	GRE AMERICA, INC.
GCA	GULF CELLULAR ASSOCIATES
GDC	GNSS DIFFERENTIAL CORRECTION (RESERVED FOR FUTURE USE)
GEC	GEC PLESSEY SEMICONDUCTORS
GES	GEOSTAR CORPORATION
GFC	GRAPHIC CONTROLS, CORP.
GFV	GFV MARINE LTD.
GIL	GILL INSTRUMENTS LIMITED
GIS	GALAX INTEGRATED SYSTEMS
GNV	GEONAV INTERNATIONAL
GPI	GLOBAL POSITIONING INSTRUMENT CORP.
GPP	GEO++ GmbH

GPR GLOBAL POSITIONING SYSTEM JOINT PROGRAM OFFICE (ROCKWELL COLLINS)
GRF GRAFINTA (SPAIN)
GRM GARMIN CORPORATION
GSC GOLD STAR COMPAPNY, LTD
GTI GENESIS TECHNOLOGY INTERNATIONAL LTD
GTO GRO ELECTRONICS
GVE GUEST CORPORATION
GVT GREAT VALLEY TECHNOLOGY

HAI HYDRAGRAPHIC ASSOCIATES, LTD
HAL HAL COMMUNICATIONS CORP.
HAR HARRIS CORPORATION
HHS HYDEL HELLAS SKALTSARIS LTD (SHANGHAI)
HIG HY-GAIN
HIL PHILIPS NAVIGATION A/S
HIT HI-TEC
HMS HYDE MARINE SYSTEMS, INC.
HOM HOPPE MARINE GmbH
HPK HEWLETT-PACKARD
HRM
HRC HARCO MANUFACTURING CO.
HRT HART SYSTEMS, INC.
HTI HEART INTERFACE, INC.
HUL HULL ELECTRONICS COMPANY
HWM HONEYWELL MARINE SYSTEMS

IBM IBM MICROELECTRONICS
ICO ICOM OF AMERICA, INC.
ICG INITIATIVE COMPUTING USA, INC. INITIATIVE COMPUTING AG
IDS ICAN MARINE (CANADA)
IFD INTERNATIONAL FISHING DEVICES
IFI INSTRUMENTS FOR INDUSTRY
ILS IDEAL TEKNOLOJI BILISIM COZUMLERI A.S.
IME IMPERIAL MARINE EQUIPMENT
IMI INTERNATIONAL MARINE INSTRUMENTS
IMM ITT MACKAY MARINE
IMP IMPULSE MANUFACTURING, INC.
IMR IDEAL TECHNOLOGIES INC
IMT INTERNATIONAL MARKETING AND TRADING, INC.
INM INMAR ELECTRONIC AND SALES
INT INTECH, INC.
IRT INTERA TECHNOLOGIES, LTD
IST INNERSPACE TECHNOLOGY, INC.
ITM INTERMARINE ELECTRONICS, INC.
ITR ITERA, LTD
IWW INLAND WATERWAYS (GERMANY)
IXB IXBLUE
IXS IXSEA

JAN JAN CRYSTALS

JAS JASCO RESEARCH LTD.
JFR RAY JEFFERSON
JLD JARGOON LIMITED
JMT JAPAN MARINE TELECOMMUNICATIONS
JPI J.P. INSTRUMENTS
JRC JAPAN RADIO COMPANY, LTD
JRI J-R INDUSTRIES, INC.
JTC J-TECH ASSOCIATES, INC.
JTR JOTRON RADIOSEARCH, LTD

KBE KB ELECTRONICS, LTD
KBM KENNEBEC MARINE COMPANY
KEL KNUDSEN ENGINEERING, LTD
KHU KELVIN HUGHES LTD
KLA KLEIN ASSOCIATES, INC.
KME KYUSHU MATSUSHITA ELECTRIC
KML KONGSBERG MESOTECH LTD
KMO KONGSBERG MARITIME AS
KMR KING MARINE RADIO CORP.
KMS KONGSBERG MARITIME SUBSEA
KNC KONGSBERG NORCONTROLS
KNG KING RADIO CORPORATION
KOD KODEN ELECTRONICS CO., LTD
KRA EDV KRAJKA
KRP KRUPP INTERNATIONAL, INC.
KST KONGSBERG SEATEX AS
KVH KVH COMPANY
KYI KYOCERA INTERNATIONAL, INC.

L3A L3 COMMUNICATIONS RECORDERS DIVISION
LAT LATITUDE CORPORATION
L3I L-3 INTERSTATE ELECTRONICS COPORATION
LCI LASERCRAFT INC.
LEC LORAIN ELECTRONICS CORP
LEI LEICA GEOSYSTEMS PTY LTD
LIT LITTON LASER SYSTEMS
LMM LAMARCHE MANUFACTURING CO.
LRD LORAD
LSE LITTLEMORE SCIENTIFIC ENG.
LSP LASER PLOT, INC.
LST LITE SYSTEMS ENGINEERING
LTH LARS THRANE
LTF LITTLEFUSE, INC.
LTI LASER TECHNOLOGY, INC.
LWR LOWRANCE ELECTRONICS CORP.

MCA CANADIAN MARCONI COMPANY
MCI MATSUSHITA COMMUNICATIONS
MCL MICROLOGIC, INC.
MDL MEDALLION INSTRUMENTS, INC.
MDS MARINE DATA SYSTEMS

MEC MARINE ENGINE CENTER, INC.
MEG MARITEC ENGINEERING GmbH.
MES MARINE ELECTRONICS SERV. INC.
MEW MATSUSHITA ELECTRIC WORKS
MFR MODERN PRODUCTS, LTD
MFW FRANK W. MURPHY MFG.
MGN MAGELLEN SYSTEMS CORP.
MGS MG ELECTRONIC SALES CORP.
MIE MIECO, INC.
MIK MIKROLAB, GmbH
MIR MIROS AS
MIM MARCONI INTERNATIONAL MARINE
MLE MARTHA LAKE ELECTRONICS
MLN MATLIN COMPANY
MLP MARLIN PRODUCTS
MLT MILLER TECHNOLOGIES
MMB MARSH-MCBIRNEY, INC.
MME MARKS MARINE ENGINEERING
MMI MICROWAVE MONOLITHICS
MMM MADMAN MARINE
MMP METAL MARINE PILOT, INC.
MMS MARS MARINE SYSTEMS
MMT MICRO MODULAR TECHNOLOGIES
MNI MICRO-NOW INSTRUMENT CO.
MNT MARINE TECHNOLOGY
MNX MARINEX
MOT MOTOROLA COMMUNICATIONS & ELECTRONICS
MPI MEGAPULSE, INC.
MPN MEMPHIS NET AND TWINE CO.
MQS MARQUIS INDUSTRIES, INC.
MRC MARINECOMP, INC.
MRE MORAD ELECTRONICS CORP.
MRL MARINE RADIO CO. LTD KOREA
MRP MOORING PRODUCTS OF NEW ENGLAND
MRR II MORROW, INC.
MRS MARINE RADIO SERVICE
MSB MITSUBISHI ELECTRIC CO., LTD
MSF MICROSOFT CORPORATION
MSE MASTER ELECTRONICS
MSM MASTER MARINER, INC.
MST MESOTECH SYSTEMS, LTD
MTA MARINE TECHNICAL ASSOCIATES
MTD MARITEL DATA SERVICES
MTG MARINE TECHNICAL ASSISTANCE GROUP
MTI MOBILE TELESYSTEMS, INC.
MTK MARTECH, INC.
MTL MARINE TECHNOLOGIES LLC
MTR MITRE CORPORATION, THE
MTS METS, INC.
MUR MURATA ERIE NORTH AMERICA
MVX MAGNAVOX ADVANCED PRODUCTS AND SYSTEMS CO.

MXS	MAXSEA INTERNATIONAL
MXX	MAXXIMA MARINE
MYS	MARINE ELECTRONICS CO SOUTH KORIEA
NAG	NORIS AUTOMATION GmbH
NAT	NAUTECH, LTD
NAU	NAUTICCAST (AKA NAUTICALL)
NAV	NAVTEC, INCORPORATED
NCG	NAVCERT GMBH
NCT	NAVCOM TECHNOLOGY, INC
NEC	NEC CORPORATION
NEF	NEW ENGLAND FISHING GEAR
NGC	NORTHROP GRUMMAN MARITIME SYSTEMS
NGS	NAVIGATION SCIENCES, INC.
NIX	L-3 NAUTRONIX
NLS	NAVIGATION LIGHT STATUS (RESERVED FOR FUTURE USE)
NMR	NEWMAR
NMX	NANOMETRICS
NOM	NAV-COM, INC.
NOR	NORTECH SURVEYS (CANADA)
NOS	NORTHERN SOLUTIONS AS
NOV	NOVATEL COMMUNICATIONS, LTD
NRT	NORTEK GROUP
NSI	NOREGON SYSTEMS INC
NSL	NAVITRON SYSTEMS LTD
NSM	NORTHSTAR MARINE
NTI	NORTHSTAR TECHNOLOGIES, INC.
NTK	NOVATECH DESIGNS, LTD
NTS	NAVTECH SYSTEMS
NUT	NAUTITECH PTY, LTD
NVC	NAVICO
NVG	NVS TECHNOLOGIES AG
NVL	NAVELEC MARINE SYSTEMS S.L.
NVO	NAVIONICS, s.p.a.
NVS	NAVSTAR
NVT	NOVARIANT, INC
NWC	NAVAL WARFARE CENTER
OAR	O.A.R. CORPORATION
OBS	OBSERVATOR INSTRUMENTS
OCC	OCCUPATION CONTROL (RESERVED FOR FUTURE USE)
ODE	OCEAN DATA EQUIPMENT CORP.
ODN	ODIN ELECTRONICS, INC.
OHB	OHB SYSTEMS
OIN	OCEAN INSTRUMENTS, INC.
OKI	OKI ELECTRIC INDUSTRY CO.
OLY	NAVSTAR, LTD (POLYTECHNIC ELECTRONICS)
OMN	OMNETICS
OMT	OMNITECH AS
ONI	OMSKIY NAUCHNO ISSLEDOVATELSKIY INSTITUT PRIBOROSTROENIYA (RUSSIA)
ORB	ORBCOMM

ORE	OCEAN RESEARCH
OSG	OCEAN SIGNAL LTD
OSI	OSI MARITIME SYSTEMS (was OFFSHORE SYSTEMS INTL)
OSL	OSI MARITIME SYSTEMS (was OFFSHORE SYSTEMS, LTD.)
OSS	OCEAN SOLUTION SYSTEMS
OTK	OCEAN TECHNOLOGY
PCE	PACE
PCM	P SEA MARINE SYSTEMS
PDC	PAN DELTA CONTROLS LTD
PDM	PRODELCO MARINE SYSTEMS
RHM	RH MARINE
PLA	PLATH,C.DIV OF LITTON
PLI	PILOT INSTRUMENTS
PMI	PERNICKA MARINE INSTRUMENTS
PMP	PACIFIC MARINE PRODUCTS
PNI	PNI SENSORS INC
PNL	POINTS NORTH, LTD
POM	POMS ENGINEERING
PPL	PAMARINE PRIVATE LIMITED
PRK	PERKO, INC.
PSM	PEARCE-SIMPSON
PST	POINTSTAR A/S
PTC	PETRO-COM
PTG	P.T.I./GUEST
PTH	PATHCOM, INC.
PVS	PLANEVISION SYSTEMS
QNQ	QINETIQ
QRC	QINETIQ
QTM	QUECTEL WIRELESS SOLUTIONS
QWE	QWERTY ELEKTRONIK AB
QZM	
Q2N	QQN NAVIGATION ABS
RAC	RACAL MARINE, INC.
RAE	RCA ASTRO-ELECTRONICS
RAF	ROBINS AIR FORCE (USAF)
RAK	ROCKSON AUTOMATION, KIEL
RAY	RAYTHEON MARINE COMPANY
RCA	RCA SERVICE COMPANY
RCH	ROACH ENGINEERING
RCI	ROCHESTER INSTRUMENTS, INC.
RCQ	QINETIQ
RDC	USCG R&D CENTER
RDI	RADAR DEVICES
RDM	RAY-DAR MANUFACTURING CO.
REC	ROSS ENGINEERING CO.
RFP	ROLFITE PRODUCTS, INC.
RGC	RCA GLOBAL COMMUNICATIONS
RGL	RIEGL LASER MEASUREMENT SYSTEMS

RGY	REGENCY ELECTRONICS, INC.
RHO	RHOTHETA ELEKTRONIK GmbH
RLK	REELEKTRONIKA.NL
RME	RACAL MARINE ELECTRONICS
RMR	RCA MISSILE AND RADAR
RSL	ROSS LABORATORIES, INC.
RSM	ROBERTSON-SHIPMATE, USA
RTH	PARTHUS
RTN	ROBERTSON TRITECH NYASKAIEN
RWC	ROCKWELL COLLINS
RWI	ROCKWELL INTERNATIONAL
SAA	SATRONIKA SL
SAB	VDE SATELLITE SELECTIVE ADDRESSED BINARY AND SAFETY RELATED MESSAGE (RESERVED FOR FUTURE USE)
SAE	STN ATLAS ELEKTRONIK GmbH
SAF	SAFEMINE
SAI	SAIT, INC.
SAJ	SAJ INSTRUMENT AB
SAM	SAM ELECTRONICS GmbH
SAL	CONSILIUM MARINE AB
SAP	SYSTEMS ENGINEERING & ASSESSMENT, LTD
SAT	SATLOC
SBB	VDE SATELLITE BROADCAST BINARY MESSAGE (RESERVED FOR FUTURE USE)
SBG	SBG SYSTEMS
SBR	SEA-BIRD ELECTRONICS, INC.
SBB	VDE SATELLITE BROADCAST (RESERVED FOR FUTURE USE)
SCC	VDE SATELLITE CONFIGURATION COMMAND (RESERVED FOR FUTURE USE)
SCL	SOKKIA COMPANY, LTD
SCM	SCANDINAVIAN MICROSYSTEMS AS
SCO	SIMOCO TELECOMMUNICATIONS LTD
SCR	SIGNALCRAFTERS, INC.
SDM	VDE SATELLITE VHF DATA-LINK MESSAGE (RESERVED FOR FUTURE USE)
SDN	SAPIEN DESIGN
SDO	VDE SATELLITE VHF DATA-LINK OWN-VESSEL REPORT (RESERVED FOR FUTURE USE)
SEA	SEA, INC.
SEC	SERCEL ELECTRONICS OF CANADA
SEE	SEETRAC AKA GLOBAL MARINE TRACKING
SEL	SELECTION REPORT (RESERVED FOR FUTURE USE)
SEM	SEMTECH LTD
SEP	STEEL AND ENGINE PRODUCTS
SER	SERCEL FRANCE
SFN	SEAFARER NAVIGATION INT'L.
SGB	VDE SATELLITE GEOGRAPHICAL ADDRESSED BINARY AND SAFETY MESSAGE (RESERVED FOR FUTURE USE)
SGC	SGC, INC.
SGN	SIGNAV
SHI	SHINE MICRO
SIG	SIGNET, INC.
SIM	SIMRAD, INC

SKA	SKANTEK CORPORATION
SKP	SKIPPER ELECTRONICS A/S
SLI	STARLINK INCORPORATED
SLM	STEERING LOCATION MODE (RESERVED FOR FUTURE USE)
SMC	SOLIS MARINE CONSULTANTS
SMD	SHIPMODUL CUSTOMWARE
SME	SHAKESPEARE MARINE ELECTRONICS
SMF	SEATTLE MARINE AND FISHING SUPPLY CO.
SMI	SPERRY MARINE, INC.
SMK	VDE SATELLITE ADDRESSED AND BROADCAST MESSAGE AKNOWEGMENT (RESERVED FOR FUTURE USE)
SML	SIMERL INSTRUMENTS
SMN	SEA MACHINES ROBOTICS
SMT	SRT-MARINE
SMV	SAFETYNET MESSAGE VESSEL (RESERVED FOR FUTURE USE)
SNP	SCIENCE APPLICATIONS INTERNATIONAL CORP
SNS	SAINSEL
SNV	STARNAV CORPORATION
SNY	SONY CORPORATION – MOBILE ELECTRONICS
SOM	SOUND MARINE ELECTRONICS
SON	SONARDYNE INTERNATIONAL LTD
SOV	SELL OVERSEAS AMERICA
SPL	SPELMAR
SPT	SOUND POWERED TELEPHONE
SRC	STELLAR RESEARCH GROUP
SRD	SRD LABS
SRP	SYSTEM FUNCTION ID RESOLUTION PROTOCOL (RESERVED FOR FUTURE USE)
SRF	SIRF TECHNOLOGY, INC.
SRS	SCIENTIFIC RADIO SYSTEMS, INC.
SRT	STANDARD RADIO AND TELEFON
SRV	(RESERVED FOR FUTURE USE)
SSC	SWEDISH SPACE CORPORATION
SSA	(RESERVED FOR FUTURE USE)
SSD	SAAB AB, SECURITY & DEFENSE SOLUTIONS, COMMAND AND CONTROL SYSTEMS DIVISION
SSE	SEVEN STAR ELECTRONICS
SSG	VDE SATELLITE CONFIGURATION STATUS- GENERAL (RESERVED FOR FUTURE USE)
SSI	SEA SCOUT INDUSTRIES
SSN	SEPTENTRIO
STC	STANDARD COMMUNICATIONS
STI	SEA-TEMP INSTRUMENT CORP.
STK	SEATECHNIK
STL	STREAMLINE TECHNOLOGY, LTD
STM	SI-TEX MARINE ELECTRONICS
STO	STOWE MARINE ELECTRONICS
STT	SAAB TRANSPONDERTECH AB
SVY	SAVOY ELECTRONICS
SWI	SWOFFER MARINE INSTRUMENTS
SWT	SWIFT NAVIGATION, INC
SYE	SAMYUNG ENC CO.,LTD
SYN	SYNERGY SYSTEMS, LLC

TAB	VDE TERRESTRIAL SELECTIVE ADDRESSED BINARY AND SAFETY RELATED MESSAGE (RESERVED FOR FUTURE USE)
TBB	THOMPSON BROTHERS BOAT MFG.
TBG	TAG BLOCK GROUPING STATUS AND COMMAND (RESERVED FOR FUTURE SENTENCE)
TBM	VDE TERRESTRIAL BROADCAST BINARY MESSAGE (RESERVED FOR FUTURE USE)
TCC	VDE TERRESTRIAL CONFIGURATION COMMAND (RESERVED FOR FUTURE USE)
TCN	TRADE COMMISSION OF NORWAY
TDI	TELEDYNE RD INSTRUMENTS
TDL	TIDELAND SIGNAL
TDM	VDE TERRESTRIAL VHF DATA-LINK MESSAGE (RESERVED FOR FUTURE USE)
TDO	VDE TERRESTRIAL VHF DATA-LINK OWN-VESSEL REPORT (RESERVED FOR FUTURE USE)
TEL	PLESSEY TELLUMAT
TES	THALES ELECTRONIC SYSTEMS, GmbH
TGB	VDE TERRESTRIAL GEOGRAPHICAL ADDRESSED BINARY AND SAFETY MESSAGE (RESERVED FOR FUTURE USE)
THR	THRANE AND THRANE A/A
TKI	TOKYO KEIKI INC
TLS	TELESYSTEMS
TMK	VDE TERRESTRIAL ADDRESSED AND BROADCAST MESSAGE ACKNOWLEDGMENT (RESERVED FOR FUTURE USE)
TMS	TRELLEBORG MARINE SYSTEMS
TMT	TAMTECH, LTD
TNL	TRIMBLE NAVIGATION
TOP	TOPCON POSITIONING SYSTEMS, INC.
TPL	TOTEM PLUS LTD.
TRC	TRACOR, INC.
TRS	TRAVROUTE SOFTWARE
TSG	(RESERVED FOR FUTURE USE)
TSI	TECHSONIC INDUSTRIES, INC.
TSS	TELEDYNE TSS LIMITED
TTK	TALON TECHNOLOGY CORP.
TTS	TRANSTECTOR SYSTEMS
TYC	VINCOTECH (FORMERLY TYCO ELECTRONICS)
TWC	TRANSWORLD COMMUNICATIONS
TWS	TELIT LOCATION SOLUTIONS a division of TELIT WIRELESS SOLUTIONS
TXI	TEXAS INSTRUMENTS, INC.
UBX	U-BLOX AG
UCG	UNITED STATES COAST GUARD
UEL	ULTRA ELECTRONICS LTD
UME	UMEC
UNF	UNIFORCE ELECTRONICS CO.
UNI	UNIDEN CORP. OF AMERICA
UNP	UNIPAS, INC.
URS	URSANAV, INC
VAN	VANNER, INC.
VAR	VARIAN EIMAC ASSOCIATES

VBC DOCKING SPEED LOG (RESERVED FOR FUTURE USE)

VDB BERTOLD VANDENBERGH
VCM VIDEOCOM
VEA VARD ELECTRO AS
VEC VECTRON INTERNATIONAL
VEX VEXILAR
VIS VESSEL INFORMATION SYSTEMS
VMR VAST MARKETING CORP
VSP VESPER MARINE
VXS VERTEX STANDARD

WAL WALPORT U.S.A.
WBE WAMBLEE S.R.L.
WBG WESTBERG MANUFACTURING,
WBR WESBAR CORPORATION
WEC WESTINGHOUSE ELECTRIC CORP.
WEI WEIDMUELLER INTERFACE GMBH
WCI WI-SYS COMMUNICATIONS
WDC WEATHERDOCK CORP
WHA W-H AUTOPILOTS
WMM WAIT MANUFACTURING AND MARINE SALES CO.
WMR WESMAR ELECTRONICS
WNG WINEGARD COMPANY
WOE WOOSUNG ENGINEERING CO LTD
WSE WILSON ELECTRONICS CORP.
WST WEST ELECTRONICS LIMITED
WTC WATERCOM

XEL 3XEL SRL

YAS YAESU ELECTRONICS
YDK YOKOGAWA DENSHIKIKI CO. LTD
YSH STANDARD HORIZON YAESU

ZNS ZINNO