

**National Marine Electronics Association  
Approved 0183 Manufacturer's Mnemonic Codes**

**As of November 14, 2008**

3SN	3-S NAVIGATION
AAR	ASIAN AMERICAN RESOURCES
ACE	AUTO-COMM ENGINEERING CORP.
ACR	ACR ELECTRONICS, INC.
ACS	ARCO SOLAR, INC.
ACT	ADVANCED CONTROL TECHNOLOGY
ADI	ADITEL
AGI	AIRGUIDE INSTRUMENT CO.
AHA	AUTOHELM OF AMERICA
AIP	AIPHONE CORP.
ALD	ALDEN ELECTRONICS, INC.
AMC	ALLTEK MARINE ELECTRONICS CORP.
AMI	ADVANCED MARINE INSTRUMENTATION, LTD.
AMR	AMR SYSTEMS
AMT	AIRMAR TECHNOLOGY
AND	ANDREW CORPORATION
ANS	ANTENNA SPECIALISTS
ANX	ANALYTYX ELECTRONIC SYSTEMS
ANZ	ANSCHUTZ OF AMERICA
APC	APELCO
APN	AMERICAN PIONEER, INC.
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
ASH	ASHTECH
ASP	AMERICAN SOLAR POWER
ATC	ADVANCED C TECHNOLOGY, LTD
ATE	AETNA ENGINEERING
ATM	ATLANTIC MARKETING COMPANY
ATR	AIRTRON
ATV	ACTIVATION, INC.
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.
BGG	BODENSEE GRAAVITYMETER GEOSYSTEMS GmbH

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BGS	BARRINGER GEOSERVICE
BGT	BROOKES AND GATEHOUSE, INC.
BHE	BH ELECTRONICS
BHR	BAHR TECHNOLOGIES, INC.
BLB	BAY LABORATORIES
BMC	BMC
BME	BARTEL MARINE ELECTRONICS
BMT	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
CEC	CECO COMMUNICATONS, INC.
CEI	CAMBRIDGE ENGINEERING, INC.
CHI	CHARLES INDUSTRIES, LTD.
CKM	CINKEL MARINE ELECTRONICS
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	CRYSTEK CRYSTALS CORP.

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CSI	COMMUNICATION SYSTEMS INTL
CSM	COMSAT MARITIME SERVICES
CSR	CSR STOCKHOLM
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
CWD	CUBIC WESTERN DATA
CWV	CELWAVE R.F., INC.
CYZ	cYz, INCORPORATED
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.
DME	DELORME
DMI	DATAMARINE INTERNATIONAL
DNS	DORNIER SYSTEM GMBH
DNT	DEL NORTE TECHNOLOGY, INC.
DOI	DIGITAL OCEANS INC.
DPS	DANAPLUS, INC.
DRL	R.L.DRAKE COMPANY
DSC	DYNASCAN CORP.
DTN	DYTECHNA, LTD
DYN	DYNAMOTE CORPORATION
DYT	DYTEK LABORATORIES, INC.
EAN	EURO AVIONICS NAVIGATIONSSYSTEME GmbH
EBC	EMERGENCY BEACON CORP.
ECT	ECHOTEC, INC.
EDO	EDO CORPORATION ELECTROACOUSTICS DIV.
EEV	EEV, INC.
EFC	EFCOM COMMUNICATION SYSTEMS
EKC	EASTMAN KODAK
ELA	ALLIED SIGNAL ELAC NAUTIK
ELD	ELECTRONIC DEVICES, INC.
ELM	ELMAN s.r.l
EMC	ELECTRIC MOTION COMPANY
EMS	ELECTRO MARINE SYSTEMS, INC.
ENA	ENERGY ANALYSTS, INC.
ENC	ENCRON, INC.
EPM	EPSCO MARINE
EPT	EASTPRINT, INC.

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ERC	THE ERICSSON CORPORATION
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
FJN	JON FLUKE CO.
FLA	FLARM TECHNOLOGY
FLO	FLOSCAN INCORPORATED
FMM	FIRST MATE MARINE AUTOPILOTS
FNT	FRANKLIN NET AND TWINE, LTD
FRC	THE FREDERICKS COMPANY
FST	FASTRAX OY
FTG	T.G.FARIA CORPORATION
FUJ	FUJITSU TEN CORPORATION OF AMERICA
FUR	FURUNO USA, INC.
GAM	GRE AMERICA, INC.
GCA	GULF CELLULAR ASSOCIATES
GEC	GEC PLESSEY SEMICONDUCTORS
GES	GEOSTAR CORPORATION
GFC	GRAPHIC CONTROLS, CORP.
GFV	GFV MARINE LTD.
GIS	GALAX INTEGRATED SYSTEMS
GNV	GEONAV INTERNATIONAL
GPI	GLOBAL POSITIONING INSTRUMENT CORP.
GPP	GEO++ GmbH
GPR	GLOBAL POSITIONING SYSTEM JOINT PROGRAM OFFICE (ROCKWELL COLLINS)
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
HIG	HY-GAIN
HIL	PHILIPS NAVIGATION A/S
HIT	HI-TEC
HMS	HYDE MARINE SYSTEMS, INC.
HPK	HEWLETT-PACKARD
HRC	HARCO MANUFACTURING CO.
HRT	HART SYSTEMS, INC.
HTI	HEART INTERFACE, INC.
HUL	HULL ELECTRONICS COMPANY
HWM	HONEYWELL MARINE SYSTEMS

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IBM	IBM MICROELECTRONICS
ICO	ICOM OF AMERICA, INC.
ICG	INITIATIVE COMPUTING USA, INC. INITIATIVE COMPUTING AG
IFD	INTERNATIONAL FISHING DEVICES
IFI	INSTRUMENTS FOR INDUSTRY
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)

JAN	JAN CRYSTALS
JAS	JASCO RESEARCH LTD.
JFR	RAY JEFFERSON
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
KMR	KING MARINE RADIO CORP.
KNC	KONGSBERG NORCONTROLS
KNG	KING RADIO CORPORATION
KOD	KODEN ELECTRONICS CO., LTD
KRP	KRUPP INTERNATIONAL, INC.
KST	KONGSBERG SEATEX AS
KVH	KVH COMPANY
KYI	KYOCERA INTERNATIONAL, INC.

L3A	L3 COMMUNICATIONS RECORDERS DIVISION
LAT	LATITUDE CORPORATION
LCI	LASERCRAFT INC.
LEC	LORAIN ELECTRONICS CORP
LEI	LEICA GEOSYSTEMS PTY LTD.
LIT	LITTON LASER SYSTEMS

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LMM	LAMARCHE MANUFACTURING CO.
LRD	LORAD
LSE	LITTLEMORE SCIENTIFIC ENG.
LSP	LASER PLOT, INC.
LST	LITE SYSTEMS ENGINEERING
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 G.m.b.H.
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.
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
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.
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

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MTA MARINE TECHNICAL ASSOCIATES  
 MTD MARITEL DATA SERVICES  
 MTG MARINE TECHNICAL ASSISTANCE GROUP  
 MTI MOBILE TELESYSTEMS, INC.  
 MTK MARTECH, INC.  
 MTR MITRE CORPORATION, THE  
 MTS METS, INC.  
 MUR MURATA ERIE NORTH AMERICA  
 MVX MAGNAVOX ADVANCED PRODUCTS AND SYSTEMS CO.  
 MXX MAXXIMA MARINE

NAT NAUTECH, LTD  
 NAU NAUTICALL  
 NAV NAVTEC, INCORPORATED  
 NEF NEW ENGLAND FISHING GEAR  
 NGS NAVIGATION SCIENCES, INC.  
 NMR NEWMAR  
 NOM NAV-COM, INC.  
 NOR NORTECH SURVEYS (CANADA)  
 NOV NovAtel COMMUNICATIONS, LTD  
 NSM NORTHSTAR MARINE  
 NTI NORTHSTAR TECHNOLOGIES, INC.  
 NTK NOVATECH DESIGNS, LTD  
 NTS NAVTECH SYSTEMS  
 NUT NAUTITECH PTY, LTD  
 NVC NAVICO  
 NVO NAVIONICS, s.p.a.  
 NVS NAVSTAR  
 NWC NAVAL WARFARE CENTER

OAR O.A.R. CORPORATION  
 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  
 ORB ORBCOMM  
 ORE OCEAN RESEARCH  
 OSI OFFSHORE SYSTEMS INTL.  
 OSL OFFSHORE SYSTEMS, LTD.  
 OTK OCEAN TECHNOLOGY

PCE PACE  
 PCM pSEA MARINE SYSTEMS  
 PDM PRODELCO MARINE SYSTEMS  
 PLA PLATH,C.DIV OF LITTON  
 PLI PILOT INSTRUMENTS

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PMI	PERNICKA MARINE INSTRUMENTS
PMP	PACIFIC MARINE PRODUCTS
PNI	PNI SENSORS INC
PNL	POINTS NORTH, LTD
PRK	PERKO, INC.
PSM	PEARCE-SIMPSON
PST	POINTSTAR A/S
PTC	PETRO-COM
PTG	P.T.I./GUEST
PTH	PATHCOM, INC.
RAC	RACAL MARINE, INC.
RAE	RCA ASTRO-ELECTRONICS
RAY	RAYTHEON MARINE COMPANY
RCA	RCA SERVICE COMPANY
RCH	ROACH ENGINEERING
RCI	ROCHESTER INSTRUMENTS, INC.
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.
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
RWI	ROCKWELL INTERNATIONAL
SAE	STN ATLAS ELEKTRONIC GmbH
SAI	SAIT, INC.
SAJ	SAJ INSTRUMENT AB
SAL	CONSILIUM MARINE AB
SAP	SYSTEMS ENGINEERING & ASSESSMENT, LTD
SAT	SATLOC
SBR	SEA-BIRD ELECTRONICS, INC.
SCL	SOKKIA COMPANY, LTD
SCO	SIMOCO TELECOMMUNICATIONS LTD
SCR	SIGNALCRAFTERS, INC.
SEA	SEA, INC.
SEC	SERCEL ELECTRONICS OF CANADA
SEP	STEEL AND ENGINE PRODUCTS
SER	SERCEL FRANCE
SFN	SEAFARER NAVIGATION INT'L,
SGC	SGC, INC.

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SGN	SIGNAV
SIG	SIGNET, INC.
SIM	SIMRAD, INC
SKA	SKANTEK CORPORATION
SKP	SKIPPER ELECTRONICS A/S
SLI	STARLINK INCORPORATED
SME	SHAKESPEARE MARINE ELECTRONICS
SMF	SEATTLE MARINE AND FISHING SUPPLY CO.
SMI	SPERRY MARINE, INC.
SML	SIMERL INSTRUMENTS
SNP	SCIENCE APPLICATIONS INTERNATIONAL CORP
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
SRD	SRD LABS
SRF	SIRF TECHNOLOGY, INC.
SRS	SCIENTIFIC RADIO SYSTEMS, INC.
SRT	STANDARD RADIO AND TELEFON
SSC	SWEDISH SPACE CORPORATION
SSE	SEVEN STAR ELECTRONICS
SSI	SEA SCOUT INDUSTRIES
SSN	SEPTENTRIO
STT	SAAB TRANSPONDERTECH AB
STC	STANDARD COMMUNICATIONS
STI	SEA-TEMP INSTRUMENT CORP.
STL	STREAMLINE TECHNOLOGY, LTD
STM	SI-TEX MARINE ELECTRONICS
STO	STOWE MARINE ELECTRONICS
SVY	SAVOY ELECTRONICS
SWI	SWOFFER MARINE INSTRUMENTS
TBB	THOMPSON BROTHERS BOAT MFG.
TCN	TRADE COMMISSION OF NORWAY
TDL	TIDELAND SIGNAL
TEL	PLESSEY TELLUMAT
THR	THRANE AND THRANE A/A
TLS	TELESYSTEMS
TMT	TAMTECH, LTD
TNL	TRIMBLE NAVIGATION
TOP	TOPCON POSITIONING SYSTEMS, INC.
TRC	TRACOR, INC.
TRS	TRAVROUTE SOFTWARE
TSI	TECHSONIC INDUSTRIES, INC.
TTK	TALON TECHNOLOGY CORP.
TTS	TRANSECTOR SYSTEMS
TYC	VINCOTECH (FORMERLY TYCO ELECTRONICS)

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TWC	TRANSWORLD COMMUNICATIONS
TXI	TEXAS INSTRUMENTS, INC.
UBX	U-BLOX AG
UEL	ULTRA ELECTRONICS LTD
UME	UMEC
UNF	UNIFORCE ELECTRONICS CO.
UNI	UNIDEN CORP. OF AMERICA
UNP	UNIPAS, INC.
VAN	VANNER, INC.
VAR	VARIAN EIMAC ASSOCIATES
VCM	VIDEOCOM
VEX	VEXILAR
VIS	VESSEL INFORMATION SYSTEMS
VMR	VAST MARKETING CORP
VXS	VERTEX STANDARD
WAL	WALPORT U.S.A.
WBG	WESTBERG MANUFACTURING,
WBR	WESBAR CORPORATION
WEC	WESTINGHOUSE ELECTRIC CORP.
WCI	WI-SYS COMMUNICATIONS
WDC	WEATHERDOCK CORP
WHA	W-H AUTOPILOTS
WMM	WAIT MANUFACTURING AND MARINE SALES CO.
WMR	WESMAR ELECTRONICS
WNG	WINEGARD COMPANY
WSE	WILSON ELECTRONICS CORP.
WST	WEST ELECTRONICS LIMITED
WTC	WATERCOM
YAS	YAESU ELECTRONICS