

National Marine Electronics Association
Approved 0183 Manufacturer's Mnemonic Codes

As of January 13, 2009

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	CRYTEK 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.
QWE	QWERTY ELEKTRONIK AB
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

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SFN	SEAFARER NAVIGATION INT'L,
SGC	SGC, INC.
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
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
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.

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TTK TALON TECHNOLOGY CORP.
 TTS TRANSTECTOR SYSTEMS
 TYC VINCOTECH (FORMERLY TYCO ELECTRONICS)
 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