

National Marine Electronics Association
Approved 0183 Manufacturer's Mnemonic Codes

February 17, 2016

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
ADN AD NAVIGATION
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
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.
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
ARV ARVENTO MOBILE SYSTEM A.S.
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.

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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
 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.

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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
CUS	CUSTOMWARE
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.
DGY	DIGITAL YACHT LTD
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.

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

ECR ESCORT, INC.
 ECT ECHOTEC, INC.
 EDO EDO CORPORATION ELECTROACOUSTICS DIV.
 EEV EEV, INC.
 EFC EFCOM COMMUNICATION SYSTEMS
 EKC EASTMAN KODAK
 ELA L-3 COMMUNICATIONS ELAC NAUTIK GmbH
 ELD ELECTRONIC DEVICES, INC.
 ELM ELMAN s.r.l
 EMC ELECTRIC MOTION COMPANY
 EMR EMRI-AS DK
 EMS ELECTRO MARINE SYSTEMS, INC.
 ENA ENERGY ANALYSTS, INC.
 ENC ENCRON, INC.
 EPM EPSCO MARINE
 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
 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
 FST FASTRAX OY
 FTG T.G.FARIA CORPORATION
 FTT FT- TEC
 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
 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

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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
 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
 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

JAN JAN CRYSTALS
 JAS JASCO RESEARCH LTD.
 JFR RAY JEFFERSON
 JMT JAPAN MARINE TELECOMMUNICATIONS
 JPI J.P. INSTRUMENTS

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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.
 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 G.m.b.H.
 MES MARINE ELECTRONICS SERV. INC.
 MEW MATSUSHITA ELECTRIC WORKS
 MFR MODERN PRODUCTS, LTD

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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
 MMI MICROWAVE MONOLITHICS
 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
 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.
 MXS MAXSEA INTERNATIONAL
 MXX MAXXIMA MARINE

NAG NORIS AUTOMATION GmbH
 NAT NAUTECH, LTD
 NAU NAUTICALL
 NAV NAVTEC, INCORPORATED
 NCT NAVCOM TECHNOLOGY, INC.
 NEF NEW ENGLAND FISHING GEAR

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

NGC NORTHROP GRUMMAN MARITIME SYSTEMS
 NGS NAVIGATION SCIENCES, INC.
 NIX L-3 NAUTRONIX
 NMR NEWMAR
 NOM NAV-COM, INC.
 NOR NORTECH SURVEYS (CANADA)
 NOV NovAtel COMMUNICATIONS, LTD
 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
 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
 OSI OFFSHORE SYSTEMS INTL.
 OSL 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
 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

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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
QWE	QWERTY ELEKTRONIK AB
Q2N	QQN NAVIGATION AB
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.
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
SAE	STN ATLAS ELEKTRONIC 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
SBG	SBG SYSTEMS
SBR	SEA-BIRD ELECTRONICS, INC.

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

SCL	SOKKIA COMPANY, LTD
SCM	SCANDINAVIAN MICROSYSTEMS AS
SCO	SIMOCO TELECOMMUNICATIONS LTD
SCR	SIGNALCRAFTERS, INC.
SDN	SAPIEN DESIGN
SEA	SEA, INC.
SEC	SERCEL ELECTRONICS OF CANADA
SEE	SEETRAC AKA GLOBAL MARINE TRACKING
SEM	SEMTECH LTD
SEP	STEEL AND ENGINE PRODUCTS
SER	SERCEL FRANCE
SFN	SEAFARER NAVIGATION INT'L,
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
SMD	SHIPMODUL CUSTOMWARE
SME	SHAKESPEARE MARINE ELECTRONICS
SMF	SEATTLE MARINE AND FISHING SUPPLY CO.
SMI	SPERRY MARINE, INC.
SML	SIMERL INSTRUMENTS
SMT	SRT-MARINE
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
SRC	STELLAR RESEARCH GROUP
SRD	SRD LABS
SRF	SIRF TECHNOLOGY, INC.
SRS	SCIENTIFIC RADIO SYSTEMS, INC.
SRT	STANDARD RADIO AND TELEFON
SSC	SWEDISH SPACE CORPORATION
SSD	SAAB AB, SECURITY & DEFENSE SOLUTIONS, COMMAND AND CONTROL SYSTEMS DIVISION
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

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

STO	STOWE MARINE ELECTRONICS
STT	SAAB TRANSPONDERTECH AB
SVY	SAVOY ELECTRONICS
SWI	SWOFFER MARINE INSTRUMENTS
SYN	SYNERGY SYSTEMS, LLC
TBB	THOMPSON BROTHERS BOAT MFG.
TCN	TRADE COMMISSION OF NORWAY
TDI	TELEDYNE RD INSTRUMENTS
TDL	TIDELAND SIGNAL
TEL	PLESSEY TELLUMAT
TES	THALES ELECTRONIC SYSTEMS, GmbH
THR	THRANE AND THRANE A/A
TKI	TOKYO KEIKI INC
TLS	TELESYSTEMS
TMS	TRELLEBORG MARINE SYSTEMS
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	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
VCM	VIDEOCOM
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.

New NMEA 0183 Manufacturer's Mnemonic Codes can only be issued and must be approved by NMEA. This list is for informational purposes only.

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

XEL 3XEL SRL

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

ZNS ZINNO