



National Marine Electronics Association

692 Ritchie Highway, Suite 104, Severna Park, MD 21146 • 410-975-9425

For Immediate Release

Contact: Mark Reedenauer
410-975-9425
info@nmea.org

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NMEA TO PRESENT THREE TECHNICAL SESSIONS AT METS

Topics focus on installers, OneNet, and transducer technology

SEVERNA PARK, MD—The National Marine Electronics Association (NMEA) will play a major role again this year at METSTRADE, the world's largest recreational marine trade show scheduled for Nov. 13-15 in Amsterdam, by presenting three technical education sessions. Topics covered will be a full-day NMEA 2000® Installer training class, the new NMEA OneNet® Ethernet standard, and transducer technology.

“NMEA has organized and presented technical sessions and installer training courses at METS for several years, always drawing strong attendance and participation from the international community,” said Mark Reedenauer, NMEA President & Executive Director. Here's the lineup for 2018.

Basic NMEA 2000 Installer Training

Monday, Nov. 12, 09:00-17:00 (the day before METS opens)

This is a full-day Basic NMEA 2000 Installer Training that is primarily targeted at the beginner or those who have been installing NMEA 2000 but would like more information, more clarity and an opportunity to share ideas with others who have installed NMEA 2000 networks. Topics include cables, connectors, specifications, physical planning and documentation, power sources and distribution, voltage drop calculations, data messages (Parameter Group Numbers—PGNs), connecting to other data sources, network setup and troubleshooting.

Trainer: Owen Vachell, Actisense

NMEA OneNet: The Marine Ethernet Standard

Tuesday, Nov. 13, 13:30-15:00

Boat builders are seeing more marine electronics with Internet-based functions, many using Ethernet. NMEA will soon release the new OneNet standard, which is based on Internet Protocol Version 6 (IPv6) and Ethernet IEE 802.3. The NMEA OneNet Committee, composed of 80 marine electronics manufacturers, has produced 11 different but interconnected modules for OneNet. Cybersecurity has been addressed via robust security modules containing message authentication, encryption, and certification verification. Other modules include the Physical Layer, Device Discovery and PGN Transport and Gateways. This seminar applies to manufacturers that are just learning about Ethernet applications and to those with more experience looking to see how OneNet can fit into their application.

Speaker: Steve Spitzer, NMEA Director of Standards

Transducer Technology and Installation

Wednesday, Nov. 14, 13:30-15:00

Modern marine transducers have helped pave the way for fishfinder manufacturers to expand into Broadband and CHIRP models offering the customer performance never seen before in the recreational marine market. This session will overview the technology, mounting configurations, and options for different vessel types and sizes. Transducer installation and placement are also critical to the performance of your customer's fishfinder, depth sounder, and speed log. Learn from transducer experts the correct installation techniques based on transducer type, vessel hull design, and use by the customer. This session also covers installation of the growing popularity of side scan transducers.

Speaker: Guillaume Martino, General Manager, Airmar EMEA

For more information visit www.metstrade.com or call/email NMEA at (410) 975-9425, info@nmea.org.

About the NMEA

Founded in 1957, the NMEA has led the way in establishing technical standards for data exchange in marine electronics, with the widely accepted NMEA 0183 data protocol, NMEA 2000® and certification standards for marine electronics technicians. NMEA standards and programs focus on ensuring that the boating consumer is provided with reliable products and professional service. For more information, visit the NMEA website at www.NMEA.org or call (410) 975-9425.