



NMEA Seeking Contractor for OneNet Certification Tool Development

The National Marine Electronics Association (NMEA) is opening an RFQ for an independent contractor to develop a complex software/hardware tool to certify devices that adhere to the newly released OneNet Ethernet Standard. OneNet provides a common network infrastructure for marine devices and/or services on IPv6. All OneNet application protocols, such as NMEA Messages, are designed to use a standard IPv6 network protocol stack. The standard also specifies mechanisms for connecting OneNet networks, NMEA 2000 networks, and other networks via gateway devices.

Like the NMEA 2000 Standard, all OneNet products must be certified by the manufacturer and verified by NMEA. The certification process involves the development of a complex certification (software/hardware) tool. Upon engagement, NMEA will provide to the interested parties the OneNet Certification Tool Specification Document, which details all of the tests that the certification tool needs to perform. Interested parties must implement at least three tests from the OneNet specification document in order for NMEA to validate the contractor's ability to create this complex tool. This RFQ will be open for thirty days and will close on March 5, 2021.

All interested parties must email Mark Oslund, NMEA Director of Standards, to set up an initial interview.

Email: moslund@nmea.org

Phone 410-975-9425

Thank you for your consideration.

Best Regards,
Mark Reedenauer
President & Executive Director
National Marine Electronics Association (NMEA)
