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Industry leaders team up to develop future marine network standard

- *OneNet*® to be introduced by 2014

A group of marine industry experts have contributed their engineering expertise to help form and develop a significant future element of marine electronics, specifically in relation to the transference of data messages over Ethernet.

Whilst the *OneNet*® framework is not designed to replace NMEA 2000® infrastructures, it will help standardise the method of transmitting and receiving NMEA 2000® messages over Ethernet.

One of the key members of the consulting committee behind *OneNet*® is Andy Campbell, Chief Engineer at Actisense®, the market leading marine electronics brand from Active Research Limited, based in Poole, United Kingdom. Mr Campbell explained his involvement: "It has been an honour to be an active member of this steering committee over the past two years. *OneNet*® will become an integral part of our industry by 2014, by virtue of the fact that it will create a standard for sharing NMEA 2000® data over Ethernet and expand industry standard NMEA networks in the very popular Ethernet domain.

The *OneNet*® project has been developed by a committee of respected industry names, including Actisense, Digital Yacht, Fugawi, Garmin, Navico, and Raymarine. Additionally, the US Coast Guard Research and Development centre has contributed invaluable input to ensure that *OneNet*® meets the needs of commercial vessels and national and international standards authorities.

The primary goals of *OneNet*® are:

- To transport NMEA 2000® Network Messages on Ethernet in a standardised manner;
- To complement and interoperate with the established NMEA 2000® Network standard;
- To establish standardised Gateway rules between NMEA 2000® and NMEA *OneNet*®;

- And to support high bandwidth applications such as video data transport, which is not possible using NMEA 2000® Network.

For more information about Actisense®, visit www.actisense.com and follow them on Twitter and Facebook.

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If you would like to find out more or would like to interview Andy Campbell, please contact Darren Northeast of Darren Northeast PR (working on behalf of Active Research Ltd) on 01202 676762 or pr@darrennortheast.co.uk.