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**Actisense EMU-1 update brings tilt & trim support for outboard engines**

Actisense, the marine electronics and NMEA specialists based in Poole, UK, have unveiled new firmware to bring support for tilt and trim tabs from outboard engine senders to NMEA 2000 connected multi-function displays. Using their EMU-1 Engine Monitoring Unit for NMEA 2000, the Actisense team have added a library of the industry’s most popular tilt and trim gauges.

Existing EMU-1 customers get this powerful additional feature set as a free firmware upgrade. All new EMU-1 units purchased will come preloaded with this latest firmware version.

Actisense have added gauges from the industry’s most popular manufacturers, including SPR, Vetus, Mercury, Faria and many more. Functionally, ‘tilt angle’ raises and lowers the engine in and out of the water, mainly used when docking or in shallow waters to avoid bottoming the propeller out. ‘Trim angle’ adjusts the position of the propeller shaft to the boat, determining whether the boat is bow up, bow down or neutral.

Actisense CEO, Phil Whitehurst, commented:

“*When we brought the EMU-1 to market in 2013, we knew it would be a product that would add real value to boaters. Many customers have been in contact with our tech support team to ask us to add support for tilt and trim, so we are delighted to be able to provide this as a free upgrade to all existing EMU-1 customers. Our innovations are always market led, so we welcome feedback always.*”

The Actisense EMU-1 first featured at METSTRADE in 2013, with the ability to digitise signals from engine senders and alarms. The product allows up to 2 engines to be connected, with an allowance for 6 analogue gauges, 4 alarms and 2 tacho senders.

Mr Whitehurst added:

“*The whole point of the EMU-1 is to make information from gauges much more valuable and useful. Once you’ve digitised those signals, you can view the data right on your boat’s MFD, and also export the data for further analysis. This leads to a much clearer picture about the state of your engine’s usage, meaning that maintenance decisions can be made more easily, and fuel efficiency can be optimised.*”

For more information about the full Actisense range of NMEA connectivity solutions, visit [www.actisense.com](http://www.actisense.com).

**– ENDS –**

To interview Phil Whitehurst or to find out more please contact [justin.cohen@actisense.com](mailto:justin.cohen@actisense.com).

**Editors Notes:**

Actisense are NMEA specialists, based in Poole, United Kingdom, and were formed by Phil Whitehurst, a Chartered Electronics Engineer and established in 1997. Actisense has been creating intelligent marine electronic products that have seen them become recognised for their reliability both nationally and internationally. They are now exported to over 80 distributors in 50 countries worldwide.