Raymarine Introduces New Engine and Drive-By-Wire-Interface Steering Solution

New low-cost ECI-100 Universal Engine and Control Interface offers a single point of connection for engines and drive-by-wire propulsion systems

September 2013 - Raymarine is proud to announce the launch of the ground-breaking new ECI-100 Universal Engine and Control Interface. The ECI-100 is an innovative device for boat builders and system integrators that bridges the gap between engine instrumentation, drive-by-wire propulsion systems, and Raymarine network navigation systems.

The ECI-100 Universal Engine and Control Interface collects and connects engine information to give the user simple and immediate access to engine performance data, fuel consumption and alarms via a full range of customizable information screens on Raymarine’s multifunction displays (MFDs).

Engineered for simplicity the ECI-100 is also an affordable solution that integrates with Raymarine’s Evolution EV-2 drive-by-wire autopilot system, enabling simple drive-by-wire autopilot control from any Raymarine multifunction display. Compare and contrast this single interface approach with other systems that need an expensive specialized proprietary engine gateway for each engine plus another dedicated gateway for autopilot integration; the ECI-100 provides a simple inexpensive single point of connection for both interfaces.

The ECI-100 is a simple-to-fit little device too; each ECI-100 is fitted with a standard DeviceNet port which connects directly into the industry-standard NMEA2000 or J1939 Engine Data Bus used by major marine engine manufacturers. ECI-100 then connects to any NMEA2000 network backbone using Raymarine’s SeaTalk™ cabling system. Each data port on the ECI-100 is independently powered and isolated, ensuring reliable and worry-free performance from both navigation electronics and engine systems.

Raymarine’s ECI-100 makes engine and navigation integration an affordable reality for virtually any size boat. Large vessels with extended networks can access engine information and enjoy full autopilot control from any Raymarine display on the network. A space-limited vessel can access that same vital engine data alongside Raymarine’s industry-leading radar, sonar and navigation technologies via a single touch screen display.
Raymarine is committed to delivering seamless integration with leading marine engines*. At launch, the ECI-100 Universal Engine Control Interface is compatible with Volvo Penta, Yamaha Marine Command Link Plus, Caterpillar and Yanmar Marine engines and is a full-function autopilot interface for Volvo Penta IPS and Yamaha Helm Master propulsion systems.

ECI-100 pricing; $299 ex tax, £250 ex tax

ECI-100 availability; October 2013

*ECI-100 engine compatibility is constantly updating. Please see www.raymarine.com for the most up-to-date list of compatible engines.

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For high res images: Please visit www.raymarine.com/media

About Raymarine:
Raymarine, a world leader in marine electronics, develops and manufactures the most comprehensive range of electronic equipment for the recreational boating and light commercial marine markets. Designed for high performance and ease of use, the award-winning products are available through a global network of dealers and distributors. The Raymarine product lines include radar, autopilots, thermal night vision, GPS, instruments, fish finders, communications, and integrated systems. Raymarine is a division of FLIR Systems, a world leader in thermal imaging. For more information about Raymarine in the USA call 1-603-881-5200 or visit www.raymarine.com.

About FLIR Systems:
Pioneers in all aspects of infrared technology, FLIR designs, manufactures, and supports thermal imaging systems and subsystems for industrial, scientific, government, commercial, and firefighting applications. With almost 50-years of history in infrared innovation, over 100,000 systems in use worldwide, and development centres and sales offices in over 60 countries, FLIR is the world leader in thermal imaging technology. Visit the company’s website at www.FLIR.com.