



**Coastal Craft Welded Aluminum Boats Ltd.**

PO Box 860, 1038 Venture Way  
Gibsons, BC V0N 1V0 Canada  
Ph: 604.886.3004 Fax: 604.886.4537  
Web: [www.coastalcraft.com](http://www.coastalcraft.com)  
Email: [info@coastalcraft.com](mailto:info@coastalcraft.com)

January 18, 2010

## **GET CONNECTED WITH COASTAL CRAFT'S LATEST INNOVATION.**

- **“I can’t remember if we turned everything off when we left the boat?”**
- **“We haven’t been on the boat in a while, I wonder if the batteries are still charged?”**
- **“After that storm went thru last night, I wish I could really see the boat and know it is ok.”**
- **“I heard that Coastal Craft is offering some new E-Plex software enhancements, I would like to get them too, but don’t want to send the boat back to the factory”**

Have you ever thought these things? Well Coastal Craft Aluminum Boats is pleased to announce an exciting new E-Plex development that is the solution for each of these scenarios and more!

Coastal Craft has a new innovation that enables any computer with an Internet connection to have remote access and complete control of a vessel’s onboard systems. For that matter you can even use your Apple iPhone™, to establish this remote link. This feature enables owners and/or their representatives to be anywhere in the world and control and monitor their vessel’s systems thru E-Plex as if they were standing onboard. Imagine the possibilities!

**See It In Action** - Come experience this exciting new technology at the Seattle Lake union Boats Afloat Show held January 29 to February 6, 2010. Coastal Craft will be displaying their latest 450ips (45’) model that has been set up with the E-Plex interface capabilities. See how the vessels onboard systems will be controlled remotely thru an Apple iPhone™.

**What is E-Plex?** – Since 2007, Coastal Craft and PRS, Inc. (PRS) have been working closely together to offer a user-friendly multiplexing network system to control and monitor onboard systems on Coastal Craft boats. PRS specializes in E-Plex system integration and has been and continues to be instrumental in the success and ongoing development of E-Plex in Coastal Craft boats. E-Plex is the next-generation multiplexing technology for complex vehicles, marine and industrial equipment. The E-Plex product line is comprised of intuitive user interfaces, power distribution modules, machine interface modules, sensors, touch screen displays and software. These components electronically connect generators, lighting, HVAC, audio/video, pumps and other equipment. The result is a seamless monitoring and control solution with dramatically increased system functionality. Powered by a patented multiplexing technology that allows power and data to be transported over a simple, two-wire bus, E-Plex offers scalable, flexible solutions at an affordable cost. With distinct advantages in hardware, software and user interfaces, E-Plex enables simple system integration. E-Plex offers a Total System Solution that is reliable and enhances the onboard Coastal Craft experience.

**Remote Access Control** – Coastal Craft and PRS are pleased to offer a remote interface that will allow full control and monitoring capabilities of onboard E-Plex systems via the Internet. This exciting new development presents many advantages and exciting opportunities to the vessel owner. Imagine being able to use your home or work computer to log on to a secure (password protected) link to check and or control your onboard systems. In addition to PC access, you have the capabilities to control your vessel's systems thru the use of an Apple I-Phone or I-Touch (with the appropriate App). This mobile device feature allows for full operation of the onboard systems from anywhere you have cell or Wi/Fi service (I-Phone). In addition, you can create an onboard network (to boat PC) with the use of a wireless router and use your mobile device (I-Touch or I-Phone) as a wireless remote for added convenience and enjoyment from anywhere on the vessel or dockside.

The E-Plex remote interface feature can offer an abundance of conveniences. Some of these may include, adjusting the temperature onboard, turn lights on before you arrive in the dark, turn fridge on or off, activate icemaker, check bilges, check battery levels, turn battery chargers on or off and check and/or adjust shore power connection switch. The advantage of being able to check that all systems were shut down or set correctly the last time you left the boat allows owners a piece of mind. Owners can even turn on and view onboard video cameras (with pan and zoom capabilities) with a live feed back to where ever they are. The opportunities and advantages are near endless. Although in saying that, remote access of certain features may be limited with careful consideration given for safety and reliability.

In addition, this remote access feature will provide Coastal Craft customers with an unmatched level of customer service and support. Remote access to onboard E-Plex systems will give Coastal Craft or PRS representatives the ability to perform repairs, run diagnostic checks and make alterations to the system no matter where the boat is located around the world. As long as the vessel's onboard computer has access to the Internet via Direct LAN, WI-FI, CELL/GSM or Satellite a technician is able to log onto the vessel's PC thru a secure link (password protected). Once logged on, he/she can diagnose and troubleshoot E-Plex software and hardware problems and make software repairs. If a hardware problem or failure is diagnosed, over the phone step-by-step instructions can be provided to make the physical changes required. With the hardware repair complete, the system can be checked remotely. In addition to troubleshooting and making repairs, system updates and custom programming changes can be performed to suit the owner's requirements.

The core of this innovation comes by installing a PC onboard the vessel. An additional E-Plex module is added to the E-Plex system and then the computer and its display can be used as a user interface for the E-Plex system. Now that the PC is onboard the vessel permanently, Coastal Craft is able introduce additional leading edge capabilities in the future that will interface to the vessels PC and onboard systems. This will ensure that the latest technology is always available to the owner thus protecting the value of the yacht for many years.

Coastal Craft and PRS have thoroughly researched different vendors and PC solutions. At this point in time, Coastal Craft and PRS will be partnering with Faria Marine Instruments and selling the Faria Maestro Platform. This platform has been around for 3+ years, and has been rigorously tested and operated in the marine environment. There is a base of trained sales and technical staff at Faria to support Coastal Craft and PRS. The products (including replacement parts) are stocked on the shelf and ready to ship.

As an example of the extra quality found in the Maestro components, the Maestro touch screen is an Infrared touch screen. Not only does the Infrared touch screen offer the best durability and sealing capabilities, it also provides the best light transmission specifications (allows 92-99% of light out of the monitor). The resistive touch screen has a light transmission rating of 75-88%. Therefore in a side by side test of 2 monitors with the same brightness specification, the infrared touch screen unit will be brighter because its touch technology blocks less light. Infrared touch screens also don't misread drops of water as a touch event like a resistive touch screen would.

The Maestro PC operates on a closed Windows platform and has built-in Wi/Fi capabilities. Internet access can be accomplished thru Wi/fi (with or without external booster, ie: Broadband X), CELL/GSM card or thru separate satellite communication. The Maestro touch screen can replace the existing E-Plex 350 or 500 displays. There is a choice of a 12" or 15" screen size and a second touch

screen can be conveniently located on the Flybridge, master stateroom or where ever you might find it useful. As previously mentioned, these touch screens are fully waterproof and submersible making installation considerations endless. Both these displays offer better graphics resolution (12" – 1024x768, 15"- 1280x1024) and more color options than the current 350LCD's. Additionally, they have more font capabilities (all Windows fonts available). These improvements will allow for impressive new screen page designs that offer enhanced graphics.

**How to get connected** – Effective immediately, Coastal Craft Boats will offer this exciting new feature as an option on all new builds that are equipped with E-Plex. In addition Coastal Craft is excited to be able to offer retrofit opportunities and install the required hardware and software upgrades into existing E-Plex equipped vessels. For further information and learn how E-Plex with it's remote interface capabilities could add convenience, reliability and even safety to your boating experience, please contact Coastal Craft Boats.