

# Marine Summit 2011

**July 13, 2011**

9:00AM - 5:00PM



**West Kentucky Community and Technical College  
4810 Alben Barkley Drive  
Paducah, KY 42001**

- ✦ A full day of **Seminars** and **Labs**, showcasing the latest in **Marine Automation** and **Control**.
- ✦ Learn about **Arc Flash** and **Lock Out/Tag Out** solutions
- ✦ New ideas for **Panel Layout** and **Construction, Wire Management** and **Design**
- ✦ Hourly **Door Prizes, Lunch** provided by **Essary Catering**

RM-109 FOR 6000  
RM-221,222,215



Consolidated Electrical Distributors

Service ~ Integrity ~ Reliability

**Rockwell**  
**Automation**

## SCHEDULE OF EVENTS:

**9:00 AM WELCOME**

**9:15 AM TRENDS IN MARINE AUTOMATION**

We will examine how control on a boat has changed over the decades and discuss the future of shipboard automation

**10:00 AM HANDS ON SESSIONS\***

**11:00 AM HUBBELL WIRING**

We will discuss the latest in power wiring devices and connections for the Marine Industry

**12:00 PM LUNCH**

**1:00 PM PROGRAMMABLE CONTROLLERS & OPERATOR INTERFACE**

We will discuss how PLC based alarm and generator management systems differ from "traditional" systems.

**2:00 PM HANDS ON SESSIONS\***

**3:00 PM PANDUIT**

We will discuss the latest in on-site and in-field printing systems and identification products

**3:30 PM CONDITION BASED MONITORING**

Learn how an integrated monitoring system can provide early detection of engine and drive train issues before they become catastrophic.

**4:30 PM WRAP-UP QUESTIONS AND ANSWERS**

### **\*HANDS-ON SESSIONS**

#### **SOLID STATE SENSING**

A hands-on lab that will give you the skills to use solid-state sensors for many different applications; level, temperature, pressure.

#### **CONDITION BASED MONITORING**

Learn how an integrated monitoring system can provide early detection of engine and drive train issues before they become catastrophic.

#### **VARIABLE FREQUENCY DRIVES**

We will explore the theory and operation of VFD's, in addition to program a winch and see the advantages offered in reducing the load on a generator.

**RSVP TO Kelly @ 270-442-2735 or [george@cedpaducah.com](mailto:george@cedpaducah.com)**

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