



222 Metro Center Blvd. | Warwick, RI 02886  
Phone (401) 921-5170 | Fax (401) 921-5159

## **B2010 System Customer Setup Required for 1 week Installation and Training**

The following list of issues needs to be addressed prior to the SyQwest Representatives arrival on site for a complete B2010 system installation to be accomplished in a 1 week time window. There are three major areas of setup:

- B2010 Electronics Location
- B2010 Transducer(s) Location
- B2010 Transducer Cabling

Each of these areas needs to be setup as follows before the arrival of the SyQwest Field Service Rep:

### **B2010 Electronics Location**

1. For all systems configured with an LPT-5 or LPT-10 Amplifier, and an standard 19" width equipment rack must be installed and 220v single phase power (30-40A service) be ready and available for the installation effort. All B2010 equipment including Display, Server, Sonar Unit, Transmitter and cabling shall be available in the B2010 Electronics Location.
  - a. Bathy-2010P or 2010PC can be run on 110/220VAC single phase 15A service
2. Peripheral devices such as printers, DGPS connections, Heave Compensator, and Data Logger connections must be available at the equipment rack location so the system integration of the peripherals can be executed.

### **B2010 Transducer(s) Location**

1. The transducer junction box or boxes need to be physically on the ship and a plan for the location and installation in the Transducer location area shall be completed. When the field rep arrives someone from the ship's group must be available to weld/install the box/boxes in the appropriate location.
2. Transducer cable runs need to be run between the transducer junction box and where the system is being installed.
3. The transducer space must be available upon our engineers arrival. Meaning gas free, and no hot work being done in the space. There must be room for the SyQwest engineer to perform impedance and cable checks after installation. On existing installations, the checks shall be done as well.

### **B2010 Transducer(s) Cabling**

1. The long transducer cable (or cables) run from the B2010 Electronics location to the Transducer location shall be planned for and run prior to the arrival of the SyQwest Field Rep. The cable is shielded but every effort should be made to run the cable away from High Power cables and high speed electronic interfaces. **This run often involves a significant amount of coordination as the cable may have to pass through a number of ship work spaces. This effort in some cases can take a week of time itself.**

Any questions should be directed to [tech-support@syqwestinc.com](mailto:tech-support@syqwestinc.com).