

## **SECTION 8: Installation Design Checklist**

### **PART A: Transducer Module Installation Design**

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- 1. Top of Transducer Module fairing is positioned at least 3 feet (1 meter) below the water line
- 2. Transducer Module is positioned in the fairing such that it is facing forwards
- 3. Clearance for the connector and cable slack is available behind installed Transducer Module
- 4. Clearance for cable slack allows for 6" (15 cm) minimum bend radius
- 5. *For FarSounder-500 only:* Bolt pattern around the perimeter of the fairing has 12 tapped holes in the same position as the numbers on a clock face
- 6. *For FarSounder-1000 only:* Bolt pattern around the perimeter of the fairing has 6 tapped holes (3 on each side).
- 7. *For FarSounder-1000 only:* "THIS SIDE UP" is located on the front top.

### **PART B: Power Module Installation Design**

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- 1. Dry location selected for Power Module
- 2. Power Module is located less than 100 feet (33 meters) from Transducer Module
- 3. Power Module mounted on a bulkhead
- 4. 110V or 220V AC Power is available at Power Module
- 5. UPS specified for Power Module
- 6. Location specified for UPS

### **PART C: User Interface Installation Design**

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- 1. User interface computer meets FarSounder specification
- 2. UPS specified for user interface computer
- 3. Specify if network switch is to be required
- 4. NMEA Sensor Stream connected to User Interface Computer