

This checklist is to be completed before the BlueROV is placed in the water. This checklist is to be completed by **exactly two people**. One person checking the unit, with another verifying the others' work.

1. Verify power supply is in the OFF position and batteries are not plugged in
2. Complete a visual inspection of the unit. Check the following
 - a. All thrusters are properly attached
 - b. The forward end of each bottle, ensure that it is tightly closed
 - c. All bottles are properly attached to the frame
 - d. All bolts are tight around the frame
 - e. Skids are free of damage
 - f. All sensor mountings are tight
 - g. Lifting sling is properly attached
 - h. All cable penetrators are tight and vent seals have both O-rings
3. Verify that DVL cable and both sonar cables are properly affixed to the sensors and packing gland is hand tight. **Do NOT** use a tool to tighten.
4. Check battery voltage, recommended starting voltage is anywhere above 15 volts.
5. Proceed with "unit startup procedure"
6. Check main bottle seal and main bottle vent, item #1
7. Check main battery bottle seal and vent, item #2
8. Check navigation bottle seal and vent, item #3
9. Check navigation battery bottle seal and vent, item #5
10. Verify deployment area to be free of underwater obstructions
11. Deploy the unit
12. Complete mission, recover
13. Perform a fresh water rinse before opening pressure vessels
14. Power down