**MOTE GLIDER DEPLOYMENT CHECKLIST:**

**Revised 17 MAR 2014 ARH**

1. **Complete deployment equipment checklist before dock departure.**
2. **Ensure hand-deployed seabird CTD is aboard and ready for use.**
3. **Attach tether and deploy – Field crew**
4. **Run status.mi – Field crew**
5. **Zero Ocean Pressure – Field crew & Control room**
6. **Run Ovrdepth.mi – Field crew**
7. **Flush [Del] all logged .SBD and .TBD files, Field Crew**
8. **Turn off Dockserver Scripts – Control Room**
9. **Run Ini2.mi (with tether)– Control room**
10. **Turn off freewave power until notified by control Room that .TBD file transfer has begun. Check glider performance in the water, esp. turning to head south. –Field Crew**
11. **SEND logs, latest .sbd and .tbd– Control room**

Syntax: "send -num=1 \*.sbd \*.tbd”

1. **Check .sbd and .tbd with DataVisualizer – Control room**

**Verify CTD and OPD are logging. Advise of any unusual pitch or dive/climb behavior. Do not adjust ballast based on results from these shallow dives with tether.**

1. **Remove tether – Field crew**
2. **Exit reset – Field Crew**
3. **Zero\_ocean\_pressure – Control room**
4. **Callback 3 (to allow glider to get a GPS fix)– Control room**
5. **Run mmlt15.mi – Control room**
6. **Activate script (sbd\_plus\_getadockfiles\_OPD\_tbd2, or equiv.) – Control room**
7. **Check .sbd files with DataVisualizer – Control room**

**Using the Glider Ballast Adjust Calculator, advise the grams of ballast adjustment recommended based on the .SBD dive and climb rates.**

1. **If ballast change amount exceeds 30 grams, exit mission and adjust glider ballast with external weights – Field Crew**
2. **If ballast adjusted, run mmlt15.mi again and repeat steps 18-20 - Control and Field crews.**
3. **Run mmlt30.mi - control room**
4. **End mmlt30.mi when stable – Control room**
5. **Run mmlt120.mi – control room**