

Slocum Glider Check-IN

DATE: _____ GLIDER: _____ SB: _____

Vehicle Powered

1. Power on vehicle in order to fully retract pump, and/or to deflate air bladder. _____
2. Wiggle vehicle for 5 minutes. _____

Vehicle Cleaning (hose down with pressure)

Nose cone _____

1. Remove nose cone
2. Loosen altimeter screws, and remove altimeter or leave temporarily attached
3. Retract pump
4. Remove altimeter and hose diaphragm removing all sand, sediment, bio oils
5. Clean nose cone and altimeter

Tail cone _____

1. Remove tail cone
2. Hose and clean anode and air bladder making sure air bladder is completely clean
3. Clean cowling

Wing rails _____

1. Remove wing rails and hose down

Tail plug cleaning _____

1. Dip red plug in alcohol and clean plug if especially dirty
2. Re-dip red plug and repeatedly insert and remove to clean the glider plug
3. Compress air glider female connector
4. Lightly silicon red plug and replace in glider once silicon has been dispersed evenly in the plugs

CTD Comparison Check _____

1. Inspect CTD sensor for any sediment buildup, take pictures of anything suspicious or make note.
2. Record results of Static Tank Test on CTD Check-in/out sheet

Optode Check/Calibration _____

1. Record results on Optode Check Sheet

LISST Check/ZSCAT _____

1. Record results on LISST Check Sheet

Vehicle Disassembled

1. Check leak points for water or salt buildup _____
 2. **BACKUP FLASH CARDS** in
/coolgroup/gliderData/glider_OS_backups/<glider>/<glider-deploymentID>/<from
glider>,<from sb_0xxx> **** **DO NOT DELETE DATA OFF CARDS******
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3. Change permissions on <glider-deploymentID> folder to read, write, execute for owner and group, and read, execute for everyone _____
4. Remove used batteries and place in return crate _____
5. Re-assemble glider with a vacuum _____

Update Glider/Sensor History/Notes/Inventory _____

1. If needed, add notes to deployment page, glider binder, payloads binder, etc.

Compile Deployment Checklist Packet Check _____

2. Print/fill out checklist packet title page
3. Make sure all pages are accounted for.
4. Scan entire packet and save to:
/coolgroup/gliderData/deployments/<YEAR>/<glider-missionID>/meta/<Glider-missionID_checklists>
5. Put packet into the appropriate year deployment binder.