

300082 - DMO Support - Wave Glider

Week 51

1. Mark Chaffey
 - a. Turned over remaining material to DMO for building and maintaining the HotSpot. A second unit of the compact 2nd generation 1U design has been successfully built by DMO and will be operational soon.
2. Tom O'Reilly
 - a. Configuring onboard software on "Hotspot 3" payload, in preparation for deployment in early 2021. Updated software on "Hotspot 3" payload with current "master" version.

Week 50

1. Tom O'Reilly
 - a. Configuring onboard software on "Hotspot 3" payload, in preparation for deployment in early 2021

Week 46

1. Brian Kieft
 - a. Covered some piloting for Station M return

Week 42

1. Tom O'Reilly
 - a. Integrated and tested Iridium modem into MBARI's network, allowing easier remote access to Hotspot and other assets.

Week 41

1. Tom O'Reilly
 - a. Integrated serial Iridium modem with Building G network to simplify over-the-horizon communications with Wave Glider, e.g. while at Station M.

Week 39

1. Brian Kieft
 - a. Piloting Tiny/Hansen

Week 38

1. Mark Chaffey
 - a. Some minor support for the second Wave Glider HotSpot build.
2. Brian Kieft
 - a. Debugging issues with LF connection to SES at MARs.

Week 37

1. Brian Kieft
 - a. Used Tiny for acomms testing on Tethys/Pontus. Thanks to Chris and the team for the very fast turnaround after significant glider/wing damage during the Station M deployment

Week 36

1. Brian Kieft
 - a. A bit of piloting over the last 46 days. Congrats to Chris on a new record for MBARI! Damage is currently preventing Tiny from continuing to support the LRAUV engineering deployment.
2. Tom O'Reilly
 - a. Installed software on new "Hotspot-3" payload, testing modems; will proceed to full end-to-end test with payload integrated with Wave Glider *Hansen* in next several days.

Week 34

1. Brian Kieft
 - a. Troubleshooting a bit with waveglider issues returning from Station M
 - b. Assisting with bringup of new 1U hotspot payload

Week 33

1. Brian Kieft
 - a. Assisted with geolocation of Rover
 - b. Hacked up a temporary script to get around a CCU issue preventing backseat control

Week 30

1. Brian Kieft
 - a. Geolocation of CPF via Waveglider

Week 9

1. Mark Chaffey
 - a. Staged the second 1U HotSpot payload with tech support for final wiring.

Week 7

1. Tom O'Reilly
 - a. Assisted Wahl in data log retrieval from deployed Hot Spot Wave Glider

Week 6

1. Mark Chaffey
 - a. Completing assembly of 2nd payload box.
 - b. Assembled antennas and submitted wiring to tech support.