

902106 - Niobicon AUV dock dev

Week 50

1. Brian Kieft
 - a. Added hardware timestamp ingest and setting for the DAT/USBL for more accurate 2 Hz updates on final approach
 - b. Changed DAT component to be asynchronous at 2.5 Hz.

Week 49

1. Brian Kieft
 - a. Fixed issue with a long delay during USBL mode pings
 - b. Working on converting DAT to be asynchronous for higher accuracy during docking

Week 46

1. Brian Kieft
 - a. Lots of docking work. Tethys is out now running engineering tests
 - b. Fixed modem on dock after battery died.
 - c. Bad pressure sensor on Tethys has been fixed

Week 45

1. Brian Kieft
 - a. Deployed yesterday for docking tests. Troubleshooting issues with vertical control.

Week 44

1. Brian Kieft
 - a. Prepped mooring and deployed. Docking tests coming soon.

Week 39

1. Brian Kieft
 - a. Added in delay for latch closure and other config variables we learned about during tank testing with the stiffer dock.

Week 37

1. Brian Kieft
 - a. Prepping Tethys for docking runs
 - b. Adding in new behavior features learned from stiffer dock tests during doest.