

300057 - Mooring Maintenance

Week 51

1. Karen Salamy
 - a. Spent a little time checking data download success rates.

Week 48

1. Karen Salamy
 - a. Checked in on data downloads and various mooring behaviors and failed connections.

Week 43

1. Karen Salamy
 - a. Weekly data download maintenance. Watching several of the intermittent OA1 and OA2 download failures. I am not sure of the actual source of the problem but they do catch up again when finally connected.

Week 41

1. Karen Salamy
 - a. Weekly monitoring of Mooring data downloads. OA2 still has download issues during the days but tends to catch up at night. OA1 is still on the dock for testing. It is to be deployed sometime later this month.

Week 40

1. Karen Salamy
 - a. This week I spent more time than usual working to properly set up the upcoming OA1 mooring deployment for the Chavez group. The system will be deployed sometime in October is currently sitting on the dock for data test downloads and instrument checks. Currently, all downloads look good for the system.

Week 39

1. Karen Salamy
 - a. Have been monitoring some data download issues with OA2. Downloads for the last month or so have been intermittent. When they fail during the day, they tend to catch up at night often after midnight. I also noticed that the Battery Monitor folder was not updating daily since August 4.
 - b. Set up OA1 202409 deployment testing on coredata8.

Week 37

1. Karen Salamy
 - a. Spend some time monitoring data download failures for the OA2. Downloads were failing during the daytime versus at night - which I would have suspected to be caused by solar panels or battery issues. Instead, downloads resumed during the night (about 1AM). My current theory is that the system may be used by Stellar Sea Lions who rest during the day and feed at night.

Week 36

1. Karen Salamy
 - a. Weekly check on data downloads

Week 33

1. Karen Salamy
 - a. Data download issues appear to have resolved with my last cronjob update on coredat8. Slight changes in the processing times seemed to do the trick on the data downloads "stepping" on one another.

Week 32

1. Karen Salamy
 - a. Mooring data download checks.

Week 31

1. Karen Salamy
 - a. Keeping an eye on the mooring downloads, particularly OA2 which was having issues earlier in the week.

Week 30

1. Karen Salamy
 - a. Monitoring a download issue with OA2. Downloads have been failing since midnight. There appear to be no lock file issues. Jared thinks the downloads may be "stepping on one another" but nothing in the cronjob has changed for either in the last year. I will keep an eye on this until I hear back from Jules on whether they know of an issue with the mooring.

Week 29

1. Karen Salamy
 - a. Mooring download maintenance
 - b. Checked into a potential download race situation and updated the crontab to see if that fixes it.

Week 28

1. Karen Salamy
 - a. Check ins for the newly deployed M1 Mooring.

Week 27

1. Karen Salamy
 - a. Worked with Jared and Kevin G. on June 27 to successfully deploy the new M1 2024 into the bay.

Week 25

1. Kent Headley
 - a. Troubleshooting downloads with Jared, Karen, and Makenna
2. Karen Salamy
 - a. This project has taken up quite a bit of my time this week. The upcoming M1 deployment is scheduled for June 27. Unfortunately there have been some issues with OASIS communicating with the radio. Downloads have been sparse and inconsistent. Jared and I asked Kent H. to step in to help with tracking down the issue. Various changes have been made and a mostly successful download happened within the last hour. The actual issue is still not clearly resolved but we are making progress.

Week 24

1. Kevin Gomes
 - a. Starting on SSDS configuration for M1 Mooring turn coming at the end of the month.
2. Karen Salamy
 - a. Working with Jared and Kent to determine what is causing the data download failures with the M1 Test system.

Week 19

1. Karen Salamy
 - a. Weekly monitoring of data downloads and maintenance of coredata8 server.

Week 18

1. Karen Salamy
 - a. Weekly monitoring and data download checks

Week 17

1. Karen Salamy

- a. The new M1 deployment is scheduled for June, 2024. I have created a new test and deployment directory for Jared to use once instruments are online. He does not have the instruments planned out yet for the deployment but hopefully will soon.

Week 16

- 1. Karen Salamy
 - a. Built a new M1 Mooring Deployment 202406 directory on coredata8 for Jared to begin instrument testing prior to the June 27, 2024 M1 deployment.

Week 13

- 1. Karen Salamy
 - a. Weekly data download and server / script check.

Week 11

- 1. Karen Salamy
 - a. Weekly maintenance and monitoring of data downloads

Week 9

- 1. Karen Salamy
 - a. Weekly maintenance and performance checks.

Week 8

- 1. Karen Salamy
 - a. Weekly checks on data downloads and maintenance.

Week 7

- 1. Karen Salamy
 - a. Weekly checks and monitoring of downloaded mooring data.

Week 6

- 1. Karen Salamy
 - a. Weekly checks on data downloads, etc.

Week 5

- 1. Karen Salamy
 - a. Monitoring and service of coredata8 and daily downloads from mooring systems.

Week 3

1. Karen Salamy
 - a. Monitoring downloaded data from M1, OA1, and OA2 daily. M1 and OA2 are looking good. I am waiting for a mooring turn or maintenance update from Francisco, Jules or Chris W. The OA1 mooring appears to be completely out of power at the moment.

Week 2

1. Karen Salamy
 - a. I have spent a bit of time in the new year making sure all of the mooring (OA1, OA2 and M1) data is downloading correctly and into the correct folders. I found a few errors in the data download location for OA1 data and have worked with Jules F. to fix it.

Week 1

1. Karen Salamy
 - a. Performed New Year and last year updates on M1, OA1, and OA2 data download scripts on coredata and draco.