

200109 - Core Mooring Data - MDUC

Week 29

1. Mike McCann
 - a. Trying to fix the Anubis challenge for external access to the M1 [contour.tstring](#) images

Week 25

1. Mike McCann
 - a. Finished work on replacing Perl/Ferret Mooring data processing with Python
 - b. The broken contour.tstring plots have now [been replaced by the new software](#)
 - c. Finding bugs while using new software to process past deployments managed in SSDS
 - d. Starting work on [replacing Perl/Ferret delayed-mode data processing](#)

Week 24

1. Mike McCann
 - a. Continuing to work on [replacing perl data processing scripts](#) – working on the plots now

Week 23

1. Mike McCann
 - a. Making progress on [replacing perl scripts](#) with python django management commands

Week 22

1. Mike McCann
 - a. Working on [Phase 2 of replacing Perl scripts](#) in mooring-ssds
 - b. Looking at writing PROV-O compatible provenance metadata for the new .nc files

Week 21

1. Mike McCann
 - a. Had a snafu with the postgres database being removed with a docker engine change

- b. Trying to get back on this project, but still dealing with LRAUV plotting fixes

Week 20

- 1. Mike McCann
 - a. Trying to resolve permission problems for thalassa shares from mooring-ssds
 - b. Worked on dynamic current mooring deployment data plots comparing legacy with new

Week 19

- 1. Mike McCann
 - a. QC'ed data for M1 - July 2024 added to the combined hourly and dailyAveraged NetCDF
 - b. Making more progress on [replacing Perl mooring data processing pipeline](#)
 - c. Documented how to [record data set in SSDS](#) - a good first step for good metadata

Week 18

- 1. Mike McCann
 - a. Continuing to work on [Perl script replacements in mooring-ssds](#)
 - b. Debugged problem with the M1's download info virtual instrument data stream containing garbled data following thalassa move, we think

Week 17

- 1. Mike McCann
 - a. Continuing to work on [Perl script replacements in mooring-ssds](#)
 - b. Turned off nightly drop/reload of SSDS_Metadata database on foggy for more testing

Week 16

- 1. Mike McCann
 - a. Working on [replacing perl mooring data processing scripts](#) running on elvis

Week 14

- 1. Mike McCann
 - a. Working with IS to tune dods.mbari.org/data for better load balancing
 - b. Making decent progress on using the REST API from [mooring-ssds.shore.mbari.org](#)

- c. Working on the ds_to_netcdf.py management command to replace a key Perl script

Week 13

1. Mike McCann
 - a. Stood up a duplicate docker stack on dods-internal2 to provide load balancing for nginx
 - b. Working on [translating DStoNetCDF.pl to Python](#) in mooring-ssds

Week 12

1. Mike McCann
 - a. Deployed read-only “Explorer” functionality to <https://mooring-ssds.shore.mbari.org/>
 - b. Working on [translating old Perl mooring processing code](#) to Python

Week 11

1. Mike McCann
 - a. Put some finishing touches on the Admin in mooring-ssds for editing ssds_metadata
 - b. Implemented the REST API for the SSDS_Metadata tables in mooring-ssds
 - c. Configuring mooring-ssds.shore.mbari.org with MBARI SSO

Week 10

1. Mike McCann
 - a. Created mooring-ssds repo and am working on its [first Issue](#)

Week 6

1. Kevin Gomes
 - a. Trying to get started by looking through database schema and business logic in SSDS