

901910 - Plankton Taxonomic Groups from AUVs

Week 33

1. Mike McCann
 - a. Analyzing QC steps needed for auv-python's LRAUV

Week 31

1. Mike McCann
 - a. Fixed some regressions with the auv-python deployment plotting code

Week 24

1. Mike McCann
 - a. Fixups for pyxis realtime energy consumption plots

Week 21

1. Mike McCann
 - a. Wrote plotting code for realtime sbd data similar to the LRAUV deployment plots
 - b. Made special cbit_amphousused realtime plot for the pyxis trip to Bermuda

Week 20

1. Mike McCann
 - a. Fielding responses from allhands announcement of new LRAUV deployment plot pages

Week 19

1. Mike McCann
 - a. Wrote some STOQS user documentation, starting with a [FAQ](#) page
 - b. Improved LRAUV plot labels & composing an allhands about *lrauv-data* Slack channel

Week 18

1. Mike McCann
 - a. More quick look plot and web page improvements designed for Slack channel sharing

- b. Processed Dorado/Gulper mission 2026.113.00 - no more Matlab, it's all auv-python now

Week 17

- 1. Mike McCann
 - a. auv-python's LRAUV deployment plots now being sent to the *lrauv-data* Slack channel

Week 16

- 1. Mike McCann
 - a. Wrapping up provenance tracking recording in mooring-ssds
 - b. Creating LRAUV [full deployment Quick Look Plots and email notification](#)

Week 14

- 1. Mike McCann
 - a. Instrumenting auv-python with `--update_ssds_provenance` to use mooring-ssds

Week 13

- 1. Mike McCann
 - a. Helped Marguerite by [generating ODV-formatted Sipper data](#) for LRAUV daphne

Week 12

- 1. Mike McCann
 - a. Added biolume plot generation to the standard LRAUV data processing in auv-python
 - b. Fixing issues Monique is finding in auv-python's proxy calculations

Week 9

- 1. Mike McCann
 - a. Reprocessed and reloaded all 2025 LRAUV data with corrections for wetlabsbat data

Week 8

- 1. Mike McCann
 - a. Talking with Fred about the Planktivore data processing pipeline

Week 5

1. Mike McCann
 - a. Updated Docker configuration of STOQS servers for automated SSL certificate renewal

Week 4

1. Mike McCann
 - a. Reloaded all 2025 LRAUV STOQS databases on tethysviz with auv-python processed data

Week 3

1. Mike McCann
 - a. Created a [set of Jupyter Notebooks](#) useful for evaluating problems with LRAUV data processing
 - b. Solved Issue of [Inconsistent incorrect LRAUV processing to final_1S.nc file](#)
 - c. Running auv-python processing for all LRAUV deployments in 2025 and finding more issues

Week 2

1. Mike McCann
 - a. Reprocessed/reloaded [stoqs_all_dorado](#) data using a better fluo_bl_threshold value