

Chad Kecz Sorted By Project

901007 - Benthic Biology & Ecology

901103 - Biodiversity & Biooptics

901704.99 - 8 Camera Obs Lander

- Helped MLML with the BOSS calibration on Wed/Thur. Met with Elena to go over the 3 most current documents she's written. (Week 5)
- Working on the technical sections of the documentation with Elena (Week 8)
- Continuing work on the technical sections with Elena (Week 9)
- Reterminated the main tether and took care of some minor maintenance issues (Week 10)
- Assisted with post-cruise calibration (Week 10)
- Meeting with Elena on Thur (Week 10)
- Finished up cal work on BOSS and help MLML transport back (Week 11)
- Working on technical section with Elena. (Week 11)
- Reviewed 6-7 1st and 2nd draft chapters (Week 11)
- Planning paper/talk with Rick Starr (Week 11)
- Plugging away at the documentation with Elena (online) (Week 16)
- Performing calibration with MLML team for their upcoming deployment (Week 38)
- Helped the MLML team perform their calibration. Also had to do some troubleshooting for an LED issue. (Week 39)
- I am beginning to review the 775(!) page initial draft of the BOSS documentation package written by external technical writer, Elena Quijano. (Week 39)
- Reviewing documentation (Week 40)
- Waiting on index for documentation package from Elena. Edits are complete. (Week 43)
- Elena completed the documentation package and is ready for distribution to the science crew. (Week 45)

901713 - Nearshore FOCE

- I'm setting up the nsFOCE experiment in the Barry lab as a pre-deployment test bed. (Week 5)
- Wiring up the test bed in the lab. Working with Yui/Scott/Jose on the implementation of the MpHOx boards. (Week 8)
- Received the wired up (new) micro node. Will install in lab test fixture.. (Week 9)
- Having Jose order 20 MpHOx boards and 20 MCAP boards for Durafet housings (Week 9)
- Reconfigured wiring to accommodate the MpHOx boards (Week 9)
- Updated cabling diagrams (Week 9)
- Submitted a few more fab jobs (cables) for test setup (Week 10)
- Putting together pieces in lab. (Week 11)
- Attended a weekly online meeting (Week 16)
- Tether/micronode nearly done. Awaiting chamber housings for E. population (Week 38)
- Helping Steve with some budget issues (Week 39)
- Micronode & Distribution node built and tested. Awaiting chamber housings. (Week 39)
- Assembly parts for next integration stage (Week 40)
- Compiled gear for Chamber builds and typed up instructions for Jim M (Week 43)
- Making some pre-spending purchases for 2021 (Week 43)

- Went to Hopkins Marine Station to assess dehumidifier installation and retrieved the second GF unit. (Week 43)
- Went to Castroville warehouse to look for KFA cable and grabbed a few spare parts for BOSS. (Week 43)
- Putting together an informational spec sheet/document of the KFA for users (internal & external) (Week 43)
- Working with Jim M and James McC on the wiring of the chamber housings. (Week 45)
- Making some pre-spending purchases (Week 45)
- Power supplies returned from being repaired. (Week 45)
- Gathering parts for the Durafet housings (to give to Mike P). (Week 46)
- Working with Jim M on various housing builds (Week 50)
- Working with Jim M on various housing builds (Week 51)

902000 - Multi-Spectral StealthCam

- Working with Jose and Francois on the 2 pcb layouts for the light module (Week 5)
- Finished a plot check on the driver pcb - moving onto fab now. (Week 8)
- Finalized decision on housing arrangements (Week 9)
- Gathered parts for external wiring. (Week 9)
- Driver pcbs out for fab currently (parts have arrived) (Week 9)
- Continuing to gather parts for system integration (Week 10)
- Reviewed initial housing design with Francois (Week 10)
- 3 driver pcbs are being populated right now. (Week 11)
- Prepping the questions Chris S. requested (Week 16)
- Parts in shop (Week 39)
- Spec'ing some IR and UV LEDs (Week 40)
- Helping Francois put together the camera housing (Week 43)
- Beginning wiring of camera housing (Week 46)
- Vicor pcb in shop for population (Week 46)
- Camera housing is ready for internal wiring (Week 50)
- Camera housing is ready for internal wiring (Week 51)

Out of Office

- Was out sick last week and a half. The grim reaper let me go this time.
- Took sick days T/W this week (non-COVID related!)
- Will be gone week of Turkey day.
- Vacay 12/21-1/1

Overhead

- Hosting Bridget Benson (Week 5)
- Had my annual review. Bad news: everyone is stuck with me for at least one more year :) (Week 5)
- Helped Bridget get up and running with Labview. She's duplicating my RBR vi's from scratch for practice. (Week 8)
- Helped Bridget get set up to write code for the Feather M0 (stealtcam) (Week 11)
- Writing some practive LabView VI's (Producer/Consumer loops) (Week 16)
- Reviewing a journal paper (Week 38)
- Helping Sebastian with his 2021 work (pre-spending parts selection) (Week 38)
- Journal paper review (Week 39)
- Helped Brent J with some battery pack troubleshooting (Week 39)
- Helping out Acoustic Ecology lab with noise isolation effort (Week 40)
- Finished review of journal paper (Week 40)
- Hydrophone Stabilization (Benoit-Bird): I've started the Capture for the PCB. (Week 43)

- Changing Ocean (Sudek): Made a couple of schematics for the bench top system. Beginning to order parts (pre-spending for 2021) (Week 43)
- Changing Ocean: Have ordered some parts and am putting together the Wago stack currently. Will begin some LabView coding (Week 45)
- Hydrophone Stabilization: Working on a new board design (Week 45)
- Training: Did a half day training on OrCad EDM. (Week 45)
- Changing Ocean (Sudek) - Putting together a bench top set for LabView coding. (Week 46)
- Hydrophone Pole Stabilization (Benoit-Bird) - Working on schematic for pcb. (Week 46)
- Changing Ocean: Writing LV code using Wago testbed & ordering parts for next year (Week 50)
- Bio-Acoustics Lab: Designing Hyd Stab board (Week 50)
- Changing Ocean: Writing LV code using Wago testbed & ordering parts for next year (Week 51)
- Bio-Acoustics Lab: Designing Hyd Stab board (Week 51)