

Jon Erickson Sorted By Project

300070 - DMO Divisional Support - Ventana

300078 - DMO Divisional Support - AUV

300079 - DMO Divisional Support - Rachel Carson

- Lifting bullet mod. For Talkcovic (Week 7)

300083 - DMO Divisional Support - LRAUV

901217 - Chemical Sensor Program

- Ordered another tube from amalsa for the ISUS-APEX project. (Week 16)
- Version 8 of ISUS spectrometer housing, new spectrometer board. New digital board. (Week 18)
- Pressure/leak testing APEX-ISUS composite housings. Prints for production (end caps). (Week 24)
- Rev'd the ISUS-APEX yet again. Pressure testing the carbon tubes. (Week 29)
- ISUS-APEX: Yet another change by Zeiss. Requires another version of the analogue board. (Week 34)
- Rev. 4 circuit board changes for APEX-ISIS spectrometer. (Week 36)
- Spectrometer boards in production. Batch No.2 of carbon tube hulls in production. (Week 38)

901405 - PowerBuoy Development

- UW turbine MBARI mods (solids and prints) (Week 9)

901805 - Coastal Biogeochemical Sensing Program

- Finished design and drawings. Yet to be reviewed/approved. (Week 2)
- Another design change to accomodate Pave Tech seals. (Week 9)
- Still working on the end caps for nanoFET (Week 16)
- Started on final prints for 1000m pH (Week 18)
- Received the new version electronics. Requires dimension changes to pressure case. (Week 24)
- Waiting on parts from the shop. The circuit board changed, need to get Jose, and Irene to sing off on my hardware changes. (Week 25)
- Waiting on the endcaps from the shop for 1000m duraFET. (Week 29)
- Successful pressure test of cases. (Week 29)
- nanoFET: Believe all the parts are finished into assembly. (Week 34)
- Parts for nanoFET 1000m housings (Week 36)
- New flow cell parts for nanoFET. (Week 38)

901809 - Deep Sea Bioinspiration

902004 - Planktivore

- Chassis assembly. Optics assembly. (Week 2)
- Still doing assembly on the optics. Waiting on the strobe circuit boards and connectors. (Week 8)
- Fitting the circuit boards in an already existing housing. (Week 9)
- Is at sea... now we're modifying (feature creep). (Week 16)

- Finishing parts for second unit. Completed design for Pressure sensor adaptor. (Week 18)
- Finished the Nose shell design, in fab. (Week 29)

902010 - Mesopelagic LRAUV

- Aaron glued up the Ti rings. Working on the maintenance mount so we can add the chassis parts which are in the shop queue. (Week 16)
- Part prints for resized drop weight. Twelve prints? (Week 24)
- Parts for the pressure test at NFESC (Week 25)
- Drafting for parts. Drop Weight, tail assembly. (Week 29)
- Working on a solution for the failed motor mount end plate. The old drive motor is obsolete, so we have to design for a new version. TBD. (Week 34)
- Waiting on the new thruster motor, driving the design for the Rear Dome Motor tube. (Week 36)
- Waiting on thruster motor selection. (Week 38)

902101 - LRAUV Technology Development and Fleet Operations

- Working on a new version radio bracket to fit a new Cradle point radio. (Week 34)
- New radio bracket assembly for the new cradlepoint radio. (Week 36)
- EK-80: Almost have a solution for cable interference. Think I have 3/8 " offset on the xducer cables. (Week 38)

Out of Office

Overhead

- Helping Paul M. recover the Squirty sediment trap design. (Week 2)