

Engineering Weekly Report 11/17/2022 - 11/24/2022

Executive Council Notes

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Individual Activities

- Michael Anderson
- Kevin Barnard
 - Out of Office
 - Thanksgiving week; Nov 21-25
- Francois Cazenave
 - Out of Office
 - 1 sick day due to sick child
- Danelle Cline
- Duane Edgington
 - Out of Office
 - 11/21-11/23: Vacation Out for Thanksgiving Nov 21 - 23.
- Jon Erickson
- Kevin Gomes
 - Out of Office
 - 11/21-11/23: Vacation
 - 12/19-12/23: Vacation
- Andy Hamilton
- Kent Headley
 - Out of Office
 - Quarantining this week
- Rich Henthorn
 - Out of Office
 - Oct 24 - 28, WFH
- Brett Hobson
- Scott Jensen
 - Out of Office
 - Until further notice, working from home as possible.
- Brent Jones
- Chad Kecz
- Brian Kieft
 - Out of Office
 - 11/21 - 11/25 (MST)
 - 12/28-30 (PST)
- Denis Klimov
- Eric Martin
- Thom Maughan
 - 901805 - Coastal Biogeochemical Sensing Program
 - Working on merge of Irene's instrument drivers and eddy covariance code. Updating drivers to new driver model. Wiring up instruments and testing.

- Finished nanoFET as a pH instrument driver on MFET / MPHOX.
 - Scoping m2m protocol
 - Designing experiment duty cycle feature.
- 902000 - Multi-Spectral StealthCam
 - 160 hours allocated have been moved to other projects.
- 902004 - Planktivore
 - Working on components of Camera control. Boost v1.1 board build and test. Puzzling thru optimizing impulse response / loop compensation across the input voltage range (4.5v to 50v) in LTpowerCAD. Board works great and is ready for Indtec assembly.
 - Working on update for LED strobe design - aiming for 3x light output to support shorter pulses for higher speed LRAUV.
- Out of Office
 - Dec 22 - 28 Colorado
- Mike McCann
 - Out of Office
 - 11/21-11/23: Vacation
- Rob McEwen
- Paul McGill
 - Out of Office
 - Out on Tue due to possible COVID exposure on Carson
- Tom O'Reilly
- Mike Risi
 - Out of Office
 - May 5 - vacation
 - May 9-10 - vacation
 - June 2-8 - OI cruise
 - June 10-14 - vacation
 - June 20-22 - vacation
 - July 19-20 - vacation
 - August 8-9 - out of office
 - Out of office most Fridays
- Paul Roberts
 - Out of Office
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- Brent Roman
 - 708179 - Saildrone AK
 - Worked with Chris Preston to enable scheduling of samples every other day or week, etc.
 - 708165 - NOAA-MERHAB
 - Supported Nadia's visit to NOAA Fisheries Seattle to convert 2 ESPs to short pucks
 - 901913 - WetWiFi
 - Used gstreamer to make LRAUV video feed available on the MBARI web
- Carlos Rueda
 - Out of Office
 - Nov 11–14, 23–30, Dec 8–9, 21–29: vacation; Early January (tentative): vacation.
- Karen Salamy
- Brian Schlining
- Alana Sherman
 - Out of Office
 - Taking friday the 11th as a vacation day

