

Engineering Weekly Report 7/1/2021 - 7/8/2021

Executive Council Notes

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Individual Activities

- Francois Cazenave
- Mark Chaffey
 - a. Out of Office
 - Will be OoF May 1 - 22 and unavailable.
- Danelle Cline
 - a. 901502 - Passive Acoustic Sensing
 - 2022 proposal
 - Worked on AWS batch process testing of both Cloudformation-based ECS + SimpleQueueService (SQS) and AWS Batch + Fargate.
 - b. 902005 - VARS Annotation Assistance
 - 2022 proposal
 - c. Out of Office
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- Duane Edgington
 - a. 901603 - Video TAG: Visualizing Ocean Change
 - Worked on 2022 proposal
 - Work on long-tail distribution analysis algorithm evaluation
 - Reading papers from CVPR 2021
 - 902005 - VARS Annotation Assistance
 - 2022 proposal reading and work
 - Work on AWS proposal draft
 - b. Out of Office
 - Holiday July 5-6
 - Vacation July 9
- Jon Erickson
- Kevin Gomes
 - a. Out of Office
 - June 21-25: Vacation
- Andy Hamilton
- Kent Headley
 - a. 901101 - Seafloor Mapping
 - Preparing for July 20 departure: installing and testing MB-System/TRN on Reson T50, updating doc
 - b. 901803 - Carbon Wave Glider Development
 - Planning 2022
 - Lab testing, adding GUI features
 - c. Overhead
 - Proposals, Budget
 - d. Out of Office

- July 9 (retry Jul 2)
- Rich Henthorn
 - a. Out of Office
 - July 1 - 9, vacation - starts this Thursday (tomorrow!), back on July 12, network, email, phone access, no problem responding
 - July 26 - Aug 9, mostly vacation, WFH a few days, network and phone access, definitely available to assist and GTD
 - Sept 22 - Oct 1, vacation
- Brett Hobson
- Scott Jensen
 - a. 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Identified noise source of piston position sensor; outdated power supply. Updated version laid out and sent for fabrication.
 - b. Out of Office
 - June 30-July 6.
 - July 12-16 - Wyoming for ESP deployment
- Brent Jones
- Chad Keczy
 - a. Out of Office
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- Brian Kieft
 - a. Out of Office
 - Jun 28-30 (phoenix MST)
 - Jul 1-9 (vacation HST)
 - ~~Aug 5-6 (vacation)~~
 - Aug 1-11 (Great Lakes, Great LRAUVs EDT)
 - Aug 16-21 (Great Lakes, Great LRAUVs EDT)
 - Sep WHOI?
 - October 25-31 (PLOCAN glider school tentative GMT+1)
- Denis Klimov
 - a. 901809 - Deep Sea Bioinspiration
 - Prepping for DeepPIV pre-deployment testing in the Test Tank
 - b. 902101 - LRAUV Technology Development and Fleet Operations
 - Submitting LED base and line support for 3D printing.
 - c. Out of Office
 - June 14-18
- Diana LaScala-Gruenewald
- Eric Martin
 - a. 708167 - WEC Dynamics and Control
 - Bi-weekly meeting
 - Phone call scheduling with Dale Griffith
 - b. 901101 - Seafloor Mapping
 - Scoping labor and scoping effort for proposals
 - Falkor group meeting
 - c. 901206 - Coastal Profiling Float
 - Tank testing again with new GPS installed.
 - d. 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Spot tracker wired, now testing.
 - e. 901911 - ROVVR
 - Reviewing VRST and Oceans Papers

- f. 902100 - Telepresence on MBARI Research Vessels
 - Working with UCSC student Alison Crosby on the next round of interviews for her research.
 - g. 368000 - DMO AUV
 - Handoff from Erik
 - h. Out of Office
 - July 19-Aug16 Pacific Northwest for Dorado support.
- Thom Maughan
 - a. Out of Office
 - Second Moderna vaccine received on 4/30.
 - Vacation 14-18 Jun (5 days) Camping a night on USS Iowa, then Catalina Emerald Bay with Scouts. Vacation extended 6/21, 6/22 to assist family in Pleasanton.
 - Vacation July 7,8,9
 - Dental appointment on July 14
- Mike McCann
 - a. 200109 - Core Mooring Data
 - Proposal work
 - b. 901101 - Seafloor Mapping
 - Implementing Leaflet map display of survey mission grid_bounds data
- Rob McEwen
- Paul McGill
- Ed Mellinger
- Tom O'Reilly
- Craig Okuda

- Doug Pargett

- Ben Raanan
 - a. Out of Office
 - June 8-22
- Mike Risi
 - a. Out of Office
 - April 26-30: Ocean Imaging Cruise
 - May 3-7: Vacation
 - June 4-11: Vacation
 - June 28-July 2: Vacation
 - September 3-14: Ocean Imaging Cruise
 - Vacation on alternate Fridays
- Brent Roman
 - a. 708165 - NOAA-MERHAB
 - Updated their ESP's software.
 - Shipped Steph USB programming dongles so she can update firmware.
 - b. 901205 - ESP SURF Center
 - Working with WHOI to restore VPN access to their network so I can update their ESPs
 - Installed tunnel2shore script on the old laptop Bill Ussler will take to GLERL
 - c. 901913 - Demonstrating high-speed communication with a submerged AUV
 - Pinging Badwolf to learn how to adjust video encoding for low bandwidth links
- Carlos Rueda
 - a. Out of Office
 - July 7-8: vacation
- Karen Salamy

- a. Overhead
 - Worked with IS to test auto_fs mounts on coredata8
 - Helped IS delete various retired computer systems from their inventory list.
 - Looked over and discussed 2022 budget requests with Kevin.
- b. Out of Office
 - July 7-9, vacation
- Brian Schlining
 - a. Overhead
 - Project Proposals
 - [Running test/benchmarks](#) on various microservice frameworks.
 - b. Out of Office
 - Jul 19 - 30 - Vacation
- Rich Schramm
 - a. Out of Office
 - 7/1 - 8/30 Vacation
 - 8/31 last day
- Alana Sherman