

Rich Henthorn

Week 53

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Dec 20 - Dec 31: Vacation/Holidays

Week 52

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Dec 20 - Dec 31: Vacation/Holidays

Week 51

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - SES deployed for 6.5 months on Dec 4
- 902306 - SINKER
- 902401 - Geo-Sense
 - DMO deployment review
- 902405 - Precision Control Technologies

- TRN tests on LRAUV
 - Testing offset and dead-reckoning correction logic
- Overhead
 - NOAA-PMEL Rover transfer talks
 - NOAA-PMEL Rover transfer updates
 - NOAA-PMEL Rover transfer legal stuff
- Out of Office
 - Dec 20 - Dec 31: Vacation/Holidays

Week 50

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Dec 4 - Rachel Carson
 - Dec 5 - WFH for local appointments - network, phone, zoom, I'll get back to you ASAP
 - Dec 20 - Dec 31: Vacation/Holidays

Week 49

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Prep for SES deployment at MARS rescheduled for Wed Dec 4
 - Variable thresholds, trigger trap setup, and modems
- 902306 - SINKER
- 902401 - Geo-Sense
 - ONYX system training
- 902405 - Precision Control Technologies
 - TRN on LRAUV
- Overhead
 - Sexual Harassment Prevention Training
- Out of Office
 - Dec 4 - Rachel Carson

- Dec 5 - WFH for local appointments - network, phone, zoom, I'll get back to you ASAP
- Dec 20 - Dec 31: Vacation/Holidays

Week 48

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Prep for next week's deployment
 - Integrating new detection script
 - General operation tests in the test tank
- 902306 - SINKER
- 902401 - Geo-Sense
 - Reviewing Sintela user-guide for training class next Monday
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Dec 6 - Rachel Carson
 - Dec 20 - Dec 31: Vacation/Holidays

Week 47

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Implementing event detection with variable trigger limits using input from Yanwu
 - Improved acoustic communication interface
 - Preparing for deployment scheduled for Dec 6
- 902306 - SINKER
- 902401 - Geo-Sense
 - Preparing for arrival of our modified Sintela DAS unit
 - Looking for possible assembly and test areas (Bldg G, ESB, etc.)
- 902405 - Precision Control Technologies
 - Testing TRN on LRAUV and reviewing results with Rock
- Overhead
- Out of Office
 - Nov 21 - WFH, doc appts in AM and PM
 - Dec 6 - Rachel Carson
 - Dec 20 - Dec 31: Vacation/Holidays

Week 46

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Prep for SES deployment
 - Improvements and fixes for SES
 - Tank testing
- 902306 - SINKER
- 902401 - Geo-Sense
 - Sintela cable interrogator installed in MARS shed
- 902405 - Precision Control Technologies
 - Examining TRN results from LRAUV
- Overhead
- Out of Office
 - Dec 6 - Rachel Carson
 - Dec 20 - Dec 31: Vacation/Holidays

Week 45

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Dec 20 - Dec 31: Vacation/Holidays

Week 44

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - AHRS server
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Refactor image processing and event detection code
 - Prep for variable event detection parameters
 - Looking at possible redeployment in December

- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - Double check TRN installation on pontus
- Overhead
 - SciComm webinar
- Out of Office
 - Dec 20 - Dec 31: Vacation/Holidays

Week 43

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Shore-side processing to collada_u
 - nav440
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Post mission analysis of energy usage
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - TRN testing and install on pontus and tethys
- Overhead
 - Rover export
- Out of Office
 - Oct 21 - 25: This week WFH, phone, email, zoom, slack, vpn, the whole shebang.

Week 42

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Oct 21 - 25: Next week WFH, phone, email, zoom, slack, vpn, you name it.

Week 41

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Moving shore side utilities to new Ubuntu server
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Analyzing the event detection to explain differences between the bench and deployed processes
 - Identifying modifications necessary for Jan 2025 deployment
- 902306 - SINKER
 - Motor control interfaces
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - TRN mission prep on pontus
- Overhead
- Out of Office
 - Oct 21 - 25: Next week WFH, phone, email, zoom, slack, vpn, you name it.

Week 40

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Analysis of recent deployment
 - Some issues but we are able to explain and correct them
- 902306 - SINKER
- 902401 - Geo-Sense
 - Sintela system Docker image
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Oct 21 - 25: WFH

Week 39

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Analyzing deployment data

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- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Sick leave: Sep 16 - 23

Week 38

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Sick leave, WFH Aug 14 - 22
 - Aug 26 - Sep 11: Vacation

Week 37

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Sick leave, WFH Aug 14 - 22
 - Aug 26 - Sep 11: Vacation

Week 36

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor

- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Sick leave, WFH Aug 14 - 22
 - Aug 26 - Sep 11: Vacation

Week 35

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Sick leave, WFH Aug 14 - 22
 - Aug 26 - Sep 11: Vacation

Week 34

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - TRN and CoNav on LRAUV
- Overhead
 - Rec-Com
- Out of Office
 - Sick leave, WFH Aug 14 - 22
 - Aug 26 - Sep 11: Vacation

Week 33

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications

- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Code repo management
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
 - Rec-Com stuff
- Out of Office
 - Some sick leave
 - Aug 26 - Sep 11: Vacation

Week 32

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - July 16: SINKER test on Carson
 - Aug 5 - 8: WFH
 - Aug 26 - Sep 11: Vacation

Week 31

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - July 16: SINKER test on Carson
 - Aug 5 - 8: WFH
 - Aug 26 - Sep 11: Vacation

Week 30

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - July 16: SINKER test on Carson
 - Aug 5 - 8: WFH
 - Aug 26 - Sep 11: Vacation

Week 29

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Communicated with SES while at MARS for SINKER
- 902306 - SINKER
 - Instrument test at MARS
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - Developing test utilities for TRN and CoNav that take data from Rock
- Overhead
- Out of Office
 - July 16: SINKER test on Carson
 - Aug 5 - 8: WFH
 - Aug 26 - Sep 11: Vacation

Week 28

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Check-in service
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense

- 902405 - Precision Control Technologies
 - Verifying simulation results
- Overhead
 - Proposal stuff
- Out of Office
 - July 3 - 11: Vacation and WFH
 - July 9: SINKER test from Carson
 - Aug 26 - Sep 11: Vacation

Week 27

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - July 3 - 11: Vacation and WFH
 - July 9: SINKER test from Carson
 - Aug 26 - Sep 11: Vacation

Week 26

- 300078 - DMO Support - AUV
 - i2MAP section power management
 - Proposal research
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - SES and the McLane Trigger Trap deployed near MARS last week
 - Post deployment wrap
- 902306 - SINKER
 - EPOS controller code search
- 902401 - Geo-Sense
 - Meeting - proposal discussions
- 902405 - Precision Control Technologies
 - TRN and CoNav test results
 - Proposal discussions
- Overhead
 - Rec-Comm stuff

- Out of Office
 - July 3 - 11: Vacation and WFH
 - July 9: SINKER test from Carson
 - Aug 26 - Sep 11: Vacation

Week 25

- 300078 - DMO Support - AUV
 - Better power management options for i2MAP
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Testing and prep for deployment on June 20
- 902306 - SINKER
 - Check out EPOS interface code for ucontrollers
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
 - Rec-Com stuff
- Out of Office
 - June 20: SES deployment from Carson near MARS
 - July 3 - 11: Vacation and WFH
 - July 9: SINKER test from Carson
 - Aug 26 - Sep 11: Vacation

Week 24

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Troubleshoot acoustic modem comms
 - Finishing touches made to image processing and detection scripts
 - Tested instrument in test tank with trigger sediment trap target
- 902306 - SINKER
 - Meeting discussion about July deployments
- 902401 - Geo-Sense
 - Meeting
- 902405 - Precision Control Technologies
 - Simulation data acquisition for Rock
- Overhead
 - Rec-Comm stuff
- Out of Office

- June 20: SES deployment on Carson
- July 3 - 11: Vacation and WFH
- Aug 26 - Sep 11: Vacation

Week 23

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - May 28 - June 5: Vacation
 - June 20: SES deployment on Carson
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 22

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - May 28 - June 5: Vacation
 - June 20: SES deployment on Carson
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 21

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor

- Image processing and detection algorithms on SES target controller
 - Detection tests success
 - Trigger trap testing
- 902306 - SINKER
- 902401 - Geo-Sense
 - Weekly meeting
 - Cable selection
- 902405 - Precision Control Technologies
 - TRN in LRAUV simulation
- Overhead
 - Rec-Comm softball
- Out of Office
 - May 28 - June 5: Vacation
 - June 20: SES deployment on Carson
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 20

- 300078 - DMO Support - AUV
 - Discussed multi-mission processing with Erik Trauschke
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - SES testing and development at Test Tank
 - McLane Trigger Trap
- 902306 - SINKER
- 902401 - Geo-Sense
 - Weekly meeting
- 902405 - Precision Control Technologies
 - CoNav/TRN LCM
- Overhead
 - Rec-Comm stuff
- Out of Office
 - May 28 - June 5: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 19

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Check-in service reporting issues

- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Testing controller system
 - Issues with full-auto system need to be addressed
- 902306 - SINKER
 - Engineering meeting to go over critical tasks for July deployment
- 902401 - Geo-Sense
 - Prep for Thursday PDR
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - May 8: WFH morning, intermittently in the afternoon
 - May 9 - 10: WFH
 - May 28 - June 5: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 18

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Integrating image processing tools into SES behavior control
 - Installing controller back into housing
 - Done - Way to go McGill and Hu!
 - Testing SES with installed controller
- 902306 - SINKER
- 902401 - Geo-Sense
 - Cable review meeting
- 902405 - Precision Control Technologies
 - Refining LCM message handling
- Overhead
- Out of Office
 - May 8 - 10: WFH
 - May 28 - June 5: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 17

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications

- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Integrating image analysis into mission control
 - Reinstalling controller chassis in SES housing
- 902306 - SINKER
- 902401 - Geo-Sense
 - Team is down-selecting cable purchase options
- 902405 - Precision Control Technologies
 - Analyzing multi-vehicle TRN sim with DAT info transmission
- Overhead
 - Rec-Com
- Out of Office
 - May 8 - 10: WFH
 - May 28 - June 5: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 16

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Repo housekeeping
 - Event detection code
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - TRN and CoNav LCM
- Overhead
- Out of Office
 - May 8 - 10: WFH
 - May 28 - June 5: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 15

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
 - Making CLI app to set permissive mode for the power converter
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor

- Image processing implementation and testing on target
- 902306 - SINKER
- 902401 - Geo-Sense
 - Weekly meeting
- 902405 - Precision Control Technologies
 - Design of LCM handling in both TRN and CoNav
- Overhead
- Out of Office
 - Apr 11 - 12: Vacation
 - May 28 - 30: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 14

- 300078 - DMO Support - AUV
 - CARL setup program
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Progress made on the SES V3 controller
 - All communication pathways tested and verified
 - Successfully tested on the SES instrument frame with connectors
 - Replaced obsolete environmental sensor with TEMPerHUM
 - Controller ready to be reinstalled in housing
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - Shout out to Michael Anderson for 3-vehicle LRAUV sim with acoustic comms
- Overhead
 - Planktivore Update
- Out of Office
 - Apr 10: WFH
 - Apr 11 - 12: Vacation
 - May 28 - 30: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 13

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory

- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Testing V3 controller comms on the instrument
 - Developing onboard image processing and event detection
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - CoNav simulation on LRAUV
- Overhead
- Out of Office
 - Mar 25: med
 - Mar 27: After 2:30 PM
 - May 28 - 30: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 12

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Testing SES missions on V3 controller
 - Adjusting hibernation timing
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - TRN and CoNav simulations
- Overhead
- Out of Office
 - Mar 18: Sick leave
 - Mar 25: med
 - Mar 27: After 2:30 PM
 - May 28 - 30: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 11

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - V3 controller board installed in SES camera frame

- Testing V3 controller with SES functions
- 902306 - SINKER
- 902401 - Geo-Sense
 - Weekly meeting
- 902405 - Precision Control Technologies
 - Testing CoNav with local vehicle TRN onboard
- Overhead
 - Engineering meeting
- Out of Office
 - Mar 13: After 3 PM
 - Mar 18 - 21: Vacation and WFH
 - May 28 - 30: Vacation
 - July 3 - 11: Vacation and WFH
 - Aug 26 - Sep 11: Vacation

Week 10

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - V3 controller Linux kernel 8250_ts module integrated
 - All serial and ethernet ports setup for system testing
- 902306 - SINKER
 - Carson cruise Mar 5 to observe current flow in and around sinker tube
- 902401 - Geo-Sense
 - Weekly meeting
- 902405 - Precision Control Technologies
 - Vehicle TRN inputs integrated into CoNav computation
- Overhead
- Out of Office
 - Mar 18 - 21: Vacation and WFH

Week 9

- 300078 - DMO Support - AUV
 - Multi/Sequential mission use-cases
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Installing serial board on new controller
 - Building and testing kernel updates for controller
- 902306 - SINKER

- 902401 - Geo-Sense
 - Weekly meeting
- 902405 - Precision Control Technologies
 - TRN - CoNav integration
- Overhead
- Out of Office
 - Mar 5 - Rachel Carson
 - Mar 18 - 21: Vacation and WFH

Week 8

- 300078 - DMO Support - AUV
 - Researching Multi/Sequential mission support
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Conducted timing tests with Python image processing scripts on target hardware
 - Results indicate a reasonable amount of time to process an image during normal mission execution - conversion of scripts to C++ probably not necessary
 - Got acquainted with new trigger-trap controller from McLane
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - Integrating vehicle TRN data into vehicle CoNav processing
- Overhead
- Out of Office
 - Mar 18 - 21: Vacation and WFH

Week 7

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Lab's Python processing scripts enabled on target
 - Tinkering with new version of lab's image analysis scripts
 - Redesign for use in deployed system
- 902306 - SINKER
 - Ready for Mar 5 deployment and tank testing
- 902401 - Geo-Sense
 - Prep for meeting with Sintela (DAS manufacturer)
 - Meeting morning of Feb 14
- 902405 - Precision Control Technologies

- Lrauv LCM decoder for CoNav channel
- Overhead
- Out of Office
 - Feb 12 - 15: WFH Tu & Wed, vacation Mon & Th, at MBARI Friday
 - Mar 18 - 21: Vacation and WFH

Week 6

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Experiments with new controller (V3) system OS variants
 - Ported image processing Python script to V3
 - Good results but the performance is lacking - may need to convert to C++
- 902306 - SINKER
 - Control board software
- 902401 - Geo-Sense
 - Weekly meeting
 - Prep for meeting with Sintela next Monday
- 902405 - Precision Control Technologies
- Overhead
- Out of Office
 - Feb 12 - 16: WFH Tu Th F, vacation M W

Week 5

- 300078 - DMO Support - AUV
 - Investigating some multi-queue strategies for OTH missions
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Installing Python tools on the new SES controller
 - Installed the other image processing tools on the new controller
 - Removed the SES controller chassis from the housing
- 902306 - SINKER
 - Installed bootloaders and updated software onto the camera and system control boards
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
 - Eval
- Out of Office

- Jan 31: WFH
- Feb 6: Rachel Carson to test SINKER wiper at depth

Week 4

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Port SES image processing software and scripts from server to V3 target
 - Investigate V3 serial kernel requirements
- 902306 - SINKER
 - Kickoff Meeting
 - SINKER controller board checkout
 - Ship day Feb 6
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - TRN - LRAUV LCM comm software
- Overhead
 - Rec-Comm bagel break
- Out of Office
 - Jan 22: WFH
 - Feb 6: Rachel Carson

Week 3

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - Project team meeting
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
 - Finishing up a CoNav/TRN LRAUV comms interface class
 - Encapsulates translation of LrauvLcmMessage TRN message for clients and servers
- Overhead
 - Measurement Seminar
- Out of Office
 - Jan 22 - 25: WFH

Week 2

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
 - CLAMShell programming on Benthos modems
 - Install serial card on new SES controller
- 902306 - SINKER
- 902401 - Geo-Sense
 - Weekly meeting
- 902405 - Precision Control Technologies
 - Planning meeting with Rock and LRAUV team
- Overhead
 - Engineering meeting
- Out of Office
 - Jan 22 - 25: WFH

Week 1

- 300078 - DMO Support - AUV
- 901101 - Seafloor Mapping
- 901405 - Wave-Energy Conversion for Oceanographic Applications
- 901904 - Deep-Sea Coral-Sponge Community Observatory
- 902305 - Event Detection Using the Sedimentation Event Sensor
- 902306 - SINKER
- 902401 - Geo-Sense
- 902405 - Precision Control Technologies
- Overhead
 - Touching base w/ group
 - Annual review prep
 - Hiring
 - Misc admin
- Out of Office