

Rich Henthorn

Week 51

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
- Out of Office
 - Dec 18 - 28: Holidays

Week 50

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Simulating two vehicles with TRN and CoNav
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Checked the nav440_server for anomalies
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Investigating fluorometer light issue - confirmed no issue
- 902306 - SINKER
 - Testing at the test tank
 - Wednesday test deployment on Ventana canceled due to crew sickness
- Overhead
 - Director's dialog, reception, silent auction
- Out of Office
 - Dec 18 - 28: Holidays

Week 49

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - LRAUV simulations with TRN and CoNav
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - New controller stack - data storage
- 902306 - SINKER
- Overhead
 - GeoSense meeting
 - Holiday auction
- Out of Office

- Dec 13: Rachel Carson
- Dec 18 - 28: Holidays

Week 48

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Working on gazebo simulation
 - Training session with Kieft
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Reduced boot time of main controller
- 902306 - SINKER
 - Camera controller
- Overhead
- Out of Office
 - Dec 18 - 28: Holidays

Week 47

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
- Out of Office
 - Dec 18 - 28: Holidays

Week 46

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Met briefly with Rock
 - CoNav
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Meeting with McLane about their TriggerTrap development
- 902306 - SINKER
 - Dang camera controller testing
- Overhead
 - Rec-Com stuff
- Out of Office
 - Dec 18 - 28: Holidays

Week 45

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - CoNav sim glue app
 - Meet with Rock
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Next gen controller
- 902306 - SINKER
 - Camera controller board testing
 - Move into lab
- Overhead
 - Vanpools
- Out of Office
 - Dec 18 - 28: Holidays

Week 44

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Aux r&b emitter for LRAUV sim
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Next gen SES controller
- 902306 - SINKER
 - Camera controller dev
- Overhead
- Out of Office
 - Nov 2: Scheduled sick day
 - Dec 18 - 28: Holidays

Week 43

- 300078 - DMO Divisional Support - AUV
 - Porting i2MAP post processing software to Windows for Midwater Ecology Lab
- 600034 - Precision Control Technologies for ROVs and AUVs
 - CoNav simulation prep
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES recovered Tuesday Oct. 24
 - Opportunity arose due to winch issues while Carson was at MARS
 - The lab team zoomed-in with tele-presence and accomplished what we needed
- 902306 - SINKER
 - Camera controller development
- Overhead
 - Bike-to-Work Tuesday

- Health benefit changes
- Out of Office
 - Nov 2: Scheduled sick day
 - Dec 18 - 28: Holidays

Week 42

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Scoping auxiliary LCM streams to support CoNav simulation
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Prepared SES for MARS power disruption scheduled for today
 - SES scheduled for recovery next Thursday the 26th
 - Prep for next phase in new SES controller development
- 902306 - SINKER
 - Camera controller software dev
- Overhead
- Out of Office
 - Oct 16 - 19: Remote work, PDT
 - Oct 26: Rachel Carson to MARS for SES
 - Nov 2: Out
 - Dec 18 - 28: Holidays

Week 41

- 300078 - DMO Divisional Support - AUV
 - Review PR from ET
 - Research Simulator implementation
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Rotate logs and restart mission
 - Recover SES scheduled for Oct 26
- 902306 - SINKER
 - Flipping switches on camera controller
 - Writing camera controller app beginning with test and BIT program
- Overhead
- Out of Office
 - Oct 16 - 19: Remote work, PDT
 - Oct 26: Rachel Carson to MARS for SES
 - Nov 2: Out
 - Dec 18 - 28: Holidays

Week 40

- 300078 - DMO Divisional Support - AUV
 - Review pull requests
- 600034 - Precision Control Technologies for ROVs and AUVs

- Meeting with Rock and LRAUV team about the way forward for TRN and CoNav
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
 - Wrestling with camera board, bootloader
 - Both bootloader and application needed to be built with CRYSTALLESS option
- Overhead
- Out of Office
 - Oct 16 - 19: Remote work, PDT
 - Dec 18 - 28: Holidays

Week 39

- 300078 - DMO Divisional Support - AUV
 - Met with team to discuss OTH comms
 - How the Dorado system may be modified for remote missions
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Running gazebo simulation with TRN
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
 - Programming camera board with integrated Moteino M0
 - Issues programming after burning bootloader
- Overhead
- Out of Office
 - Sep 27 (today): Afternoon only for appointment
 - Oct 16 - 19: Remote work, PDT
 - Dec 18 - 28: Holidays

Week 38

- 300078 - DMO Divisional Support - AUV
 - Porting modules in Dorado code
 - Ready for next phase after merge
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Issue with LCM communications between BSC and conduit
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
 - Issues with bootloader on camera control boards
- Overhead
- Out of Office
 - Oct 16 - 19: Remote work, PDT

Week 37

- 300078 - DMO Divisional Support - AUV
 - More dorado-auv-qnx modules ported to dorado-auv-linux
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Meet with Rock
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Met with Paul Devine of Teledyne Marine about our recent modem purchase
 - Offload latest data from SES on MARS, clear logs and restart mission
- 902306 - SINKER
- Overhead
 - Engineering Meeting
- Out of Office
 - Oct 16 - 19: Remote work, PDT

Week 36

- 300078 - DMO Divisional Support - AUV
 - Porting various modules and drivers preparing for hardware testing
 - CTD instruments, dvl, adaptive sampler, LOPC, CARL
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Reviewing recent MARS data
- 902306 - SINKER
- Overhead
- Out of Office
 - Sept 5 - 7: Remote work, PDT

Week 35

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - mbtrnpp simulation interface
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Acoustic modem purchase
 - Project meeting
 - Controller upgrade
- 902306 - SINKER
 - Camera controller testing
- Overhead
 - Rec Com stuff

- Out of Office
 - Aug 30: Afternoon appointment
 - Sept 5 - 7: Remote work, PDT

Week 34

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Dorado simulation mbtrnpp issue
 - LCM networking issues between conduit and rastro
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Benthos modem spec, quote, and PO
 - Telecon with McLane concerning adaptive sampling
- 902306 - SINKER
 - Dev meeting
 - Camera control board testing
- Overhead
 - Rec Com
 - R/V Packard project update
- Out of Office
 - Sept 5 - 7: Remote work, PDT

Week 33

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Efforts to get Gazebo sim running with TRN on BSC
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES mission on MARS - reset logs and restart mission
- 902306 - SINKER
 - Checking on new controller
- Overhead
 - Rec Com
- Out of Office
 - Sept 5 - 7: Remote work, PDT

Week 32

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - LRAUV sim with TRN
 - Backseat computer needs backseat helper
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development

- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Acoustic modem quotes
 - Sediment trap triggering
 - SES data reviews
- 902306 - SINKER
- Overhead
 - Rec-Com
- Out of Office
 - Sept 5 - 7: Remote work, PDT

Week 31

- 300078 - DMO Divisional Support - AUV
 - Working towards running simulations on dorado dev VM
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Reviewed CoNav and TRN comms and status
 - Met with LRAUV SW dev team and Rock about TRN and CoNav work
 - Agreed on short term work plan involving simulations and comms
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES and shore-side processing working well
 - Processing adapted to the recent Atlas storage space issue
 - Updating repo with newest software and scripts
- 902306 - SINKER
- Overhead
- Out of Office
 - July 31 - Aug 4: WFH: available on all, PDT timezone

Week 30

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
- Out of Office
 - July 19: WFH, available on all, PDT timezone
 - July 24 - 27: Vacation: available on email, EDT timezone
 - July 31 - Aug 4: WFH: available on all, PDT timezone

Week 29

- 300078 - DMO Divisional Support - AUV
 - Refinements to configuration file loading
- 600034 - Precision Control Technologies for ROVs and AUVs

- Dorado simulation with mbtrnpp
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Ocean Energy Webinar
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Modifications for periodic SES reference measurement
 - Refinements to data processing SES on MARS
- 902306 - SINKER
- Overhead
 - Rec Com
 - HR
- Out of Office
 - July 19: WFH, available on all, PDT timezone
 - July 24 - 27: Vacation: available on email, EDT timezone
 - July 31 - Aug 4: WFH: available on all, PDT timezone

Week 28

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Dorado simulation with mbtrnpp
 - Proposal discussions
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Refining data-processing scripts
 - Proposal discussion
- 902306 - SINKER
- Overhead
 - Rec-Com
 - Engineering meeting
- Out of Office
 - July 12: WFH, available on all, PDT timezone
 - July 24 - 27: Vacation: available on email, EDT timezone
 - July 31 - Aug 4: WFH: available on all, PDT timezone

Week 27

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Tuning SES data xfer and processing script
 - 2024 proposal
- 902306 - SINKER

- Overhead
- Out of Office
 - June 29 - July 7: Vacation: available on all, PDT timezone
 - July 24 - 27: Vacation: available on email, EDT timezone
 - July 31 - Aug 4: WFH: available on all, PDT timezone

Week 26

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Scope work for remainder of 2023
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Prep Linux server *pulse* for data transfer and processing
 - Port prototype processing scripts to Linux server and test
 - Currently running SES science mission for month of July with data handled by *pulse*
- 902306 - SINKER
- Overhead
 - Proposals
 - Illness
- Out of Office
 - June 28 - Illness/WFH: available on all
 - June 29 - July 7: Vacation/WFH: available on all, PDT timezone
 - July 24 - 27: Vacation: available on email, Slack, EDT timezone
 - July 31 - Aug 4: WFH: available on all, PDT timezone

Week 25

- 300078 - DMO Divisional Support - AUV
 - Support TRN tests on Carson at Portuguese Ledge
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Installing data transfer and processing scripts on SHORE server
- 902306 - SINKER
- Overhead
 - Seminars, DD, etc.
 - Rec Com
 - HR
- Out of Office
 - June 20 - Rachel Carson
 - June 29 - July 7: Vacation/WFH: available on email, Zoom, Slack, VPN, PDT timezone
 - July 24 - 27: Vacation: available on email, Slack, EDT timezone
 - July 31 - Aug 4: WFH: available on email, Zoom, Slack, VPN, PDT timezone

Week 24

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
- Out of Office
 - June 29 - July 7: Vacation/WFH: available on email, Zoom, Slack, VPN, PDT timezone
 - July 24 - 27: Vacation: available on email, Slack, EDT timezone
 - July 31 - Aug 4: WFH: available on email, Zoom, Slack, VPN, PDT timezone

Week 23

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
- Out of Office
 - June 1 - 9: Vacation: available on email, Zoom, Slack, VPN, MDT timezone
 - June 29 - July 7: Vacation/WFH: available on email, Zoom, Slack, VPN, PDT timezone
 - July 24 - 27: Vacation: available on email, Slack, EDT timezone
 - July 31 - Aug 4: WFH: available on email, Zoom, Slack, VPN, PDT timezone

Week 22

- 300078 - DMO Divisional Support - AUV
 - Build and test a mission using updated repos
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Checked on the buoy currently deployed in Monterey Bay
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES data pulling during MARS deployment
 - Data being synced to shore after each measurement
- 902306 - SINKER
 - Weekly meeting
 - Dev kit
- Overhead
- Out of Office
 - June 1 - 9: Vacation: available on email, Zoom, Slack, VPN, MDT timezone
 - June 29 - July 7: Vacation/WFH: available on email, Zoom, Slack, VPN, PDT timezone

- July 24 - 27: Vacation: available on email, Slack, EDT timezone
- July 31 - Aug 4: WFH: available on email, Zoom, Slack, VPN, PDT timezone

Week 21

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Wrapping up the simulation logger (for now)
 - Timestamps look good
 - Last unit conversions to match real logger
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES data pull from the weekend - functioning well
 - Working on automated data pulls and processing
 - TODO: Check-out Kent's xFOCE www system to provide web access to latest data
- 902306 - SINKER
- Overhead
 - Rec-Com
- Out of Office
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - 27: Vacation
 - July 31 - Aug 4: WFH

Week 20

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Weekly meeting with OSRF
 - Test sim_pblog updates
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Automating data extraction from SES while on MARS
- 902306 - SINKER
- Overhead
 - A pair of schedules appointments Mon and Tues mornings
- Out of Office
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - 27: Vacation
 - July 31 - Aug 4: WFH

Week 19

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System

- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Minor modifications to simulation logger (timestamps and unit conversion)
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Mob for SES MARS deployment
 - SES MARS deployment
 - SES data processing
- 902306 - SINKER
- Overhead
 - Engineering meeting
 - DAS scoping meeting
- Out of Office
 - May 15 and 17: appointments mornings only, onsite afternoons
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - 27: Vacation
 - July 31 - Aug 4: WFH

Week 18

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Testing buoy-sim with logging
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Preparation for MARS deployment
- 902306 - SINKER
- Overhead
 - Rec-Com items
 - Proposal season kickoff
- Out of Office
 - May 8: SES deployment on MARS node
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - 27: Vacation
 - July 31 - Aug 4: WFH

Week 17

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Some renaming of the sim_pblog components
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES acoustic modem issues - serial communications from the modem

- 902306 - SINKER
 - Assembling dev environment - duplicating env from AyeRIS
 - Tested with AyeRIS code
- Overhead
 - Rec-com activity
- Out of Office
 - Apr 24 - 28: WFH, Wed and Thu vacation, VPN, email, and phone access
 - May 8: SES deployment on MARS node
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - Aug 3: Vacation, WFH

Week 16

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - SES MARS Wet-node Simulator Test Tank preparation and operation
 - Results look good
- 902306 - SINKER
- Overhead
- Out of Office
 - May 8: SES deployment on MARS node
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - Aug 3: Vacation, WFH

Week 15

- 300078 - DMO Divisional Support - AUV
 - Simulated test mission
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
 - Integrating logger for simulator
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Deployment prep
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Preparations for MARS wet node simulator testing
 - Acquire and setup next-gen control board
- 902306 - SINKER
- Overhead
 - Rec-com items
- Out of Office
 - April 12 - illness
 - May 8: SES deployment on MARS node
 - June 1 - 9: Vacation

- June 29 - July 10: Vacation
- July 24 - Aug 3: Vacation, WFH

Week 14

- 300078 - DMO Divisional Support - AUV
 - Migrate dev to local VM
 - Build system and set up a TRN test
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Image analysis
 - Test SES for upcoming deployment
- 902306 - SINKER
- Overhead
 - Rec-Com
- Out of Office
 - May 8: SES deployment on MARS node
 - June 1 - 9: Vacation
 - June 29 - July 10: Vacation
 - July 24 - Aug 3: Vacation, WFH

Week 13

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Simulation logging - passed baton to andermi for gazebo launch params and launch command
 - Addressing issues as they come up
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Weekly meeting
 - Install python image processing tools on target
 - Turns out we need to upgrade OS and main CPU board
 - Ordered upgraded main processor CPU (7250-V3)
- 902306 - SINKER
 - Weekly Meeting
- Overhead
 - Configuring phantom Ubuntu system for multiple displays
- Out of Office
 - May 8 : SES deployment near MARS node
 - June 28: SES recovery near MARS node
 - June 29 - July 10: Vacation
 - July 24 - Aug 3: Vacation, WFH

Week 12

- 300078 - DMO Divisional Support - AUV

- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Cleared CI issues with sim_pblog
 - Addressing epoch seconds issue with sim_pblog
- 901618 - Pelagic-Benthic Coupling
 - Meeting to discuss remaining lab tasks
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Tested reassembled SES for motor and fluorometer comms
- 902306 - SINKER
- Overhead
 - Director's Dialog
 - Attempts to fix new computer (phantom) display issues
- Out of Office
 - May 8 : SES deployment near MARS node
 - June 28: SES recovery near MARS node
 - June 29 - July 10: Vacation
 - July 24 - Aug 3: Vacation, WFH

Week 11

- 300078 - DMO Divisional Support - AUV
 - Shared-memory IPC mechanisms
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Implementing sim_pblog for buoy sim project
 - Populating AHRS and Trefoil sections
- 901618 - Pelagic-Benthic Coupling
 - Weekly Meeting
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
 - MBARI Declared Emergency
- Out of Office
 - Apr 4 - 6: Vacation, WFH, PDT
 - May 3 : SES deployment near MARS node
 - June 28: SES recovery near MARS node
 - June 29 - July 10: Vacation
 - July 24 - 27: Vacation

Week 10

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Addressing some issues Rock is having with batch processing of TRN replays
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Progress on the sim_pblog module for csv-logging of buoy simulation

- 901618 - Pelagic-Benthic Coupling
 - Rover lab cleaning
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Meeting - discussed May SES deployment
 - Working on dev stack while SES is undergoing maintenance, prep for May deployment
- 902306 - SINKER
- Overhead
- Out of Office
 - Mar 20 - 23: Vacation (TuTh), WFH (MW), PDT
 - May 3: SES deployment near MARS node
 - June 28: SES recovery near MARS node
 - June 29 - July 10: Vacation
 - July 24 - 27: Vacation

Week 9

- 300078 - DMO Divisional Support - AUV
 - Kickoff meeting of sorts with topics including merging and standardizing modules, simulation testing, repo branching model
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Rock visit with discussion of TRN progress on LRAUV, CoNav options
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - sim_pblog - logger in buoy simulation
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Spare stack dev
- 902306 - SINKER
- Overhead
- Out of Office
 - Mar 13 - 16: Vacation (MWF), WFH (TuTh), PDT
 - June 29 - July 10: Vacation

Week 8

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Successfully build the ROS/Gazebo buoy_sim project
 - Integrating a Logger node
- 901618 - Pelagic-Benthic Coupling
 - Finished Rover optode issues and she is now stowed in the tin shed
 - Benthos MF modem burn wire code issue resolved
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Broke out the spare SES stack for development
- 902306 - SINKER
- Overhead
 - New computer setup
- Out of Office

- Mar 13 - 16: Vacation (MWF), WFH (TuTh), PDT
- June 29 - July 10: Vacation

Week 7

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Setup spare Nano for LRAUV lab use
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Porting Logger to buoy sim platform for future use on target
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
 - Ubuntu MATE distro problematic with nvidia hardware, going with straight Ubuntu
- Out of Office
 - Feb 13 - 16: Vacation this week (MWTh), WFH (Tu), PDT
 - Mar 13 - 16: Vacation (MWF), WFH (TuTh), PDT

Week 6

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Met with Rock and LRAUV team about TRN and CoNav
 - Working on ingesting TRN data into front seat
 - Setup spare Jetson board for use by LRAUV folks
 - Data input to CoNav undergoing some change, will require some redesign
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Implementing Logger for the buoy_sim
 - Issues building the buoy_sim project
- 901618 - Pelagic-Benthic Coupling
 - Rover MF modem remote burn code
 - Rover optode issue seems to be resolved - fuse resistance cause fatal voltage drop
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Setup spare stack for development
- 902306 - SINKER
- Overhead
 - New computer setup and issues (Ubuntu NVIDIA drivers)
- Out of Office
 - Feb 13 - 16: Vacation (MWTh), WFH (Tu), PDT
 - Mar 13 - 16: Vacation (MWF), WFH (TuTh), PDT

Week 5

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development

- Using 'buoy endpoint' docs to build simulation environment
- 901618 - Pelagic-Benthic Coupling
 - Weekly meeting
 - Testing and addressing SES issues at the test tank
 - New cable to address hall switch issue
 - Tested new Rover MF modem burn wire electronics
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Dev meetings to discuss requirements, reviews, early May deployment
 - Firing-up spare SES stack for dev
- 902306 - SINKER
 - Dev meeting to discuss requirements and concepts
- Overhead
 - New workstation will require a new UID
 - New UID necessitates updating other CPUs that access IS resources
- Out of Office
 - Feb 2 and 3: I will be in and out of the office at various appointments, email access
 - Feb 13 - 16: WFH (Tu), vacation (MWTh), all-access, PDT

Week 4

- 300078 - DMO Divisional Support - AUV
 - Build latest repo and run simulation
 - Got fastsim to run after setting env vars
 - Used i2map.cfg for a mission
- 600034 - Precision Control Technologies for ROVs and AUVs
 - Looking at re-architecting a little to simplify the main TRN application
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Prelim design of simulated Logger
 - Design of trefoil and battery controllers
- 901618 - Pelagic-Benthic Coupling
 - Weekly meeting
 - Investigating Rover and SES failures
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Meeting to discuss what image processing can be done onboard during a mission
 - Some project planning
- 902306 - SINKER
- Overhead
 - Annual Eval
 - Re-eval of task management and documentation tools
- Out of Office
 - Jan 23 - 27: WFH (MWF), vacation (TuTh), all-access, PDT
 - Feb 2 and 3: Some lingering appointments, WFH TBD
 - Feb 13 - 17: WFH (MWF), vacation (TuTh), all-access, PDT

Week 3

- 300078 - DMO Divisional Support - AUV
 - Test build and run of code in repo
- 600034 - Precision Control Technologies for ROVs and AUVs
 - TRN upgrades

- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
 - Prep for buoy sim TF controller implementation
- 901618 - Pelagic-Benthic Coupling
 - Meeting
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Meeting
 - Planning Eng tasks (docs, reviews, etc)
- 902306 - SINKER
- Overhead
 - Review prep
- Out of Office
 - Jan 23 - 27: WFH, vacation, all-access, PDT
 - Feb 13 - 17: WFH, vacation, all-access, PDT

Week 2

- 300078 - DMO Divisional Support - AUV
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
- 902306 - SINKER
- Overhead
- Out of Office
 - Jan 23 - 27: WFH, vacation, all-access, PDT
 - Feb 13 - 17: WFH, vacation, all-access, PDT

Week 1

- 300078 - DMO Divisional Support - AUV
 - Experimentation driver/server arch
- 600034 - Precision Control Technologies for ROVs and AUVs
- 705102 - Open Wave-E Control System
- 708167.51 - Option 3
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 902305 - Event Detection using the Sedimentation Event Sensor
 - Initial planning - electronics, expenses, software tools, etc.
- 902306 - SINKER
- Overhead
 - Eng Meeting
 - Workstation specs
- Out of Office
 - Jan 23 - 27: WFH, vacation, all-access, PDT
 - Feb 13 - 17: WFH, vacation, all-access, PDT