

Rich Henthorn

Week 53

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 52

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 51

- 600034 - Control Tech - Rock
 - LRAUV TRN mission analysis
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Larval sampling system fault analysis
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance application development
 - TRN mission analysis
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Prep for exclusive Work-From-Home
- Out of Office

Week 50

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance application
 - TRN mission support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 49

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Attempting to recreate the BLISS failure experienced at Sta.M here on shore
- 901800 - LRAUV Payload & Support
 - TRN server deployed and configured on both Tethys and Pontus
 - Obstacle Avoidance app
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 48

- 600034 - Control Tech - Rock
 - TRN
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance work
 - TRN server prep
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 47

- 600034 - Control Tech - Rock

- 800139 - EyeRIS
 - Researched central controller boards
 - Discussed software development roadmap with Paul Roberts
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Tested and updated packet rate commands
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
 - Discussed obstacle avoidance testing and development plans with Rob McEwen
 - Adding DeltaT LCM channel
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 46

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Post-cruise unloading and data analysis
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance code merge
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 45

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - At Station M enjoying surprisingly great weather all week. Heading home today.
 - Recovered Benthic Rover last Wednesday with a full year of operational data.
 - Recovered and redeployed BLISS larvae sampler Saturday morning.
 - Recovered Dual-Camera Tripod Saturday afternoon.
 - Many “stainless” hardware components on the mooring string showed signs of corrosion.
 - Deployed Dual-Camera Tripod Monday morning.
 - Deployed without sediment traps because of unreliable hardware.
 - Recovered Solo Camera Tripod Monday afternoon.
 - The window in the camera housing shattered on Sept 28, ending the mission.
 - Bringing the instrument home for upgrades and repair.
 - Pieced together a sediment trap mooring with elements from both camera tripod moorings and deployed on Wednesday morning.

- Recovered BLISS larvae sampler.
 - Motor housing failed at depth before sampling had begun.
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 44

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Annual Sta.M cruise started Tuesday. Great weather so far.
 - Deployed SES and BLISS this AM. Rover will be recovered this afternoon.
- 901800 - LRAUV Payload & Support
 - Obstacle avoidance progress with Rob.
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Division meeting
 - COVID testing drama
- Out of Office
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 43

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Preparation for Sta.W cruise
 - Mobilization
 - SES acoustic comms development
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Weekly Meeting
- Overhead
- Out of Office
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 42

- 600034 - Control Tech - Rock
 - Address issue with measT constructor that was causing memory allocation errors

- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
 - Create the transects spreadsheet by processing the syslog and dvl.log files
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - SES prep for Sta.M deployment in 2 weeks.
 - Found source of poor SES images in the liquid solution between the lenses
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 41

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
 - Attended virtual Prelim Design Review Monday
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
 - Created a script to sift through an i2MAP syslog and produce a transects spreadsheet file
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Examining results of final MARS mission
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Workstation issues - Windows laptop does not mount external drives plugged into USB ports
- Out of Office
 - 14-day quarantine away from MBARI, allowed back on Oct 14 assuming no COVID issues
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 40

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - This week, Sept 23 - 30 vacation, MDT timezone, spotty email-only, returning Oct 1
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 39

- 600034 - Control Tech - Rock
 - Integrating TRN into LRAUV
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Coaching folks to run BLISS and SES missions for next weeks MARS deployment
- 901800 - LRAUV Payload & Support
 - Integrating TRN into LRAUV using the updated lrauv-lcmtypes
 - Obstacle avoidance updates
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - This week, Sept 23 - 30 vacation, MDT timezone, spotty email-only, returning Oct 1
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 38

- 600034 - Control Tech - Rock
 - Modifying the mission replay application for use with LCM
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Mission prep for SES
 - Final 24-hr SES test on MARS after unclogging
- 901800 - LRAUV Payload & Support
 - Delta T logging updates
 - TRN for LRAUV
 - Rebooted the TRN application for the updated LCM types
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Beginning next Wednesday, Sept 23 - 29 Vacation, MDT timezone, spotty email-only
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 37

- 600034 - Control Tech - Rock
 - TRN on the LRAUV picked up where we left off in Q1
 - App builds and runs on target with updated lrauv-lcmtypes
 - Need tests to ensure message data is read correctly
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling

- The trap seems clogged beyond the ability of the instrument to correct
- Plan is to use the Ventana to clear it
- 901800 - LRAUV Payload & Support
 - Multibeam obstacle avoidance test runs
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Sept 23 - 29 Vacation, MDT timezone, spotty email-only
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 36

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Install updates on target and test
- 901618 - Pelagic-Benthic Coupling
 - SES may have a clogged sediment trap as no apparent sediment is being collected
 - Continue to hold carousel in flow-thru position hoping clog will clear
- 901800 - LRAUV Payload & Support
 - Supporting pontus obstacle avoidance mission
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Sept 23 - 29 Vacation, MDT timezone, spotty email-only
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 35

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Broadcasting logged controller data on LCM channels
 - Implementing some new commands
- 901618 - Pelagic-Benthic Coupling
 - Variable speed SES carousel feature to minimize sample movement on the slide
 - SES doesn't seem to be collecting sediment at MARS - might be clogged
- 901800 - LRAUV Payload & Support
 - Trying out the DeltaT logging application
 - Developing beamformer external control for enhanced configuration options
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Sept 23 - 29 Vacation, MDT timezone, limited comms
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 34

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Adding to the command suite
 - Broadcast data from the various controllers over LCM
- 901618 - Pelagic-Benthic Coupling
 - Prep and mobilize for SES and BLISS deployments at MARS
 - Tue and Wed on Carson at MARS
 - Tuesday deployments of instruments went very well
 - Recover BLISS Wednesday
- 901800 - LRAUV Payload & Support
 - Some small touches to DeltaT data logger
 - Deployment soon after some integration with lab CPU
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Aug 18 and 19: Carson cruise to MARS to deploy SES and BLISS
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 33

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - SES MARS configuration setup and test on the MARS Wet-node simulator
 - Benthic Larvae In-situ Sampler (BLISS) setup and test
 - Meeting
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance DeltaT data logger
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Meeting
- Overhead
 - Phase 1 resource balancing
 - Meeting
- Out of Office
 - Aug 18 and 19: Carson cruise to MARS to deploy SES and BLISS
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 32

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series

- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Installed spare system microSD card in controller to address flakey behavior
 - Testing MARS configuration in test tank
- 901800 - LRAUV Payload & Support
 - Obstacle Avoidance (oahu) updates
 - Data logging and syslogging
 - Tested Delta T client app with Imagenex Windows beamformer
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Oct 27 to Nov 5: WF cruise to Sta. M

Week 31

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - SES system microSD file system IO extremely slow during testing
 - Causing intermittent reboots of the control board
 - Spare will be installed ASAP
 - MARS Tank Testing when MBARI reopens
- 901800 - LRAUV Payload & Support
 - Imagenex Delta T driver ported from Dorado codebase to target Ubuntu system
 - Ready for testing on target CPU with updated Linux beamformer
 - Researching logging and configuration options
 - Prototyping Obstacle Avoidance app
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Meetings and such
- Out of Office
 - This Week! July 27 - July 31, vacation in PDT with email and networking

Week 30

- 600034 - Control Tech - Rock
 - Proposal
 - Wrapped the replay-trn_server issue
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - SES MARS configuration prep and testing
 - Lots of progress but some minor networking issues remain
- 901800 - LRAUV Payload & Support
 - Met with Brett and Rob to discuss obstacle avoidance project

- Created source code structure and repo
- Working on Delta T parser module
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - July 27 - July 31, vacation in PDT with email and networking

Week 29

- 600034 - Control Tech - Rock
 - Replay-TRN server connection issue
 - Team meeting
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Addressed CANBus id configuration
 - Team meeting
- 901618 - Pelagic-Benthic Coupling
 - SES acoustic modem work on campus
 - SES tank test prep
 - Team meeting
- 901800 - LRAUV Payload & Support
 - TRN LCM comms
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Team meeting
- Overhead
 - Proposal input
 - Division meeting
- Out of Office
 - July 27 - July 31, vacation

Week 28

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Beginning Friday!
 - June 26 - July 6, vacation
 - July 27 - July 31, vacation

Week 26

- 600034 - Control Tech - Rock
 - TRN replay utility bugfix
 - Replay data sources
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Enable processing on CANBus
 - Improve CANBus options
- 901618 - Pelagic-Benthic Coupling
 - Detective work on last years SES mission failure
 - Implemented solutions, awaiting opportunity to test
 - Building utility to scan syslog for mission analysis
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Beginning Friday!
 - June 26 - July 6, vacation
 - July 27 - July 31, vacation

Week 25

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - June 29 - July 6, vacation
 - July 27 - July 31, vacation

Week 24

- 600034 - Control Tech - Rock
 - Looking into mission-replay connecting to trn-server issue
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Meeting with Open Robotics and Software/Controls team about FOA proposal
 - ROS tutorials
- 901618 - Pelagic-Benthic Coupling
 - Collecting electronics and equipment for hand-off and return to MBARI
 - Proposal discussions

- SES updates
- 901800 - LRAUV Payload & Support
 - Working with McEwen on LRAUV TRN modules (LR-TRN)
 - Mapping LRAUV data to TRN inputs
 - Requirements/Design/Notes/Task document in Team Drive
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Meeting to discuss progress and plans for camera integration
- Overhead
- Out of Office
 - June 29 - July 6, vacation
 - July 27 - July 31, vacation

Week 23

- 600034 - Control Tech - Rock
 - LRAUV TRN with McEwen
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - ROS tutorials
- 901618 - Pelagic-Benthic Coupling
 - Acoustic comms tools
 - Abstract and proposal stuff
- 901800 - LRAUV Payload & Support
 - LRAUV TRN with McEwen
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Training
- Out of Office

Week 22

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Some ROS research, install
- 901618 - Pelagic-Benthic Coupling
 - Acoustic modem automation and tools
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Minor mods to Snappy
- Overhead
- Out of Office

Week 21

- 600034 - Control Tech - Rock

- Discussing repo concerns
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Minor workspace reorg
- 901618 - Pelagic-Benthic Coupling
 - Camera controller project
 - SES acoustic comms
 - Proposal abstract
- 901800 - LRAUV Payload & Support
 - Data structure discussions
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Visited MBARI for hardware
 - Training
- Out of Office

Week 20

- 600034 - Control Tech - Rock
 - Reviewing pull-requests
 - Reviewing architecture documents
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Proposal meetings
 - Camera controller code
 - Further refinement
 - Refactored
 - Created git repo
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - See 901618 above
- Overhead
 - Training
 - Reviewing back-to-work docs
- Out of Office

Week 19

- 600034 - Control Tech - Rock
 - Team discussions about combining TRN communication designs of MB-System and LRAUV
 - Replay-to-server interface issue
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development

- 901618 - Pelagic-Benthic Coupling
 - Progress on camera controller - moving functionality from older to new microcontroller
 - Nearly ready for testing with the lights and camera - when we return to campus
- 901800 - LRAUV Payload & Support
 - Design/implementation review of the IravuLcmType (fka DataMatrices)
 - Part of the overall LRAUV interfacing strategy
 - Good work, looking forward to using it on LRAUV TRN
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Camera controller (see Pelagic-Benthic above)
- Overhead
 - Training
- Out of Office

Week 18

- 600034 - Control Tech - Rock
 - Addressing TRN replay-to-server interface bug
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Reviewed proposal ideas
- 901618 - Pelagic-Benthic Coupling
 - Planning controller development effort with team members
- 901800 - LRAUV Payload & Support
 - Discussing LCM interfacing with team members
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
 - Assembled camera controller development toolchain
 - Minor improvements to reduce code size
- Overhead
 - RDE meeting
 - MBARI reopening input
 - Training
- Out of Office

Week 17

- 600034 - Control Tech - Rock
 - Regression tests: updated git apps vs. legacy CVS apps
 - Meeting with TRN team to discuss new development practices
 - Addressed bug in map loading code
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
 - Visited MBARI to grab camera controller hardware
 - Camera controller setup
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado

- 901904.99 - Coral Camera System
 - Camera controller setup
- Overhead
 - Training
- Out of Office

Week 16

- 600034 - Control Tech - Rock
 - libtrnav replaces G2TerrainNav as development repo going forward
 - Using trn-replay to validate libtrnav $\Leftrightarrow$ G2TerrainNav numerics
 - TRN LCM comms
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
 - Planning for auv-qnx CVS to git migration
- 901405 - PowerBuoy Development
 - Minor MBC repository restructuring to accommodate project-wide LCM types
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
 - Planning for auv-qnx CVS to git migration
 - TRN LCM comms
- 901807 - Next Gen Acoustic Dorado
 - Planning for auv-qnx CVS to git migration
- 901904.99 - Coral Camera System
- Overhead
 - Training
- Out of Office

Week 15

- 600034 - Control Tech - Rock
 - More work cleaning libtrnav
 - Researching TRN test automation
 - Planning to remedy a trn-server issue
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - General modifications for future comms
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Training
- Out of Office

Week 14

- 600034 - Control Tech - Rock
 - Merging G2 of TRN with libtrnav
 - Listing updates to G2 since before libtrnav branched-off

- Meeting with team to identify issues and milestones going forward
- Pushing changes back to libtrnav
- Identifying candidate tools and build systems for libtrnav going forward
- 800139 - EyeRIS
 - Team meeting concerning strobe concept review
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Minor updates to Main Buoy Controller software
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 13

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
 - Online meeting covering the upcoming strobe concept review
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Slack telecon on Tues
 - Progress on the AHRS server
 - Root code 'nav440' - reusable vanilla C interface to the Crossbow Nav440 AHRS
 - Server nav440_server uses the nav440 interface to read packets
 - Server then uses LCM to broadcast ahrs_data structures to interested listener
 - Code tested on target and now resides in bitbucket (MainBuoyController)
 - Working on integrating nav440_server into existing logging application
 - Working on the MBC systemd services
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office

Week 12

- 600034 - Control Tech - Rock
 - Listing candidate updates from auv-qnx to libtrnav
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Working on AHRS server app
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System

- Overhead
 - Some overdue reorganization of everyday tools (e.g., editors)
 - Gathered hardware for use during closure
- Out of Office
 - Mon Mar 9 - Thu Mar 12: Vacation, VPN access, PST

Week 11

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Mon Mar 9 - Thu Mar 12: Vacation, VPN access, PST

Week 10

- 600034 - Control Tech - Rock
 - Repaired the TRN replay build
 - Fixed a intermittent error (unrelated) in TRN replay
- 800139 - EyeRIS
- 901101 - Ocean Imaging
 - OI-Sim
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Creating a data server for the Crossbow AHRS
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
 - Meeting to discuss updated LCM data vectors/matrices type
- 901807 - Next Gen Acoustic Dorado
 - Prep for offboard light switching
 - CTD power issue
- 901904.99 - Coral Camera System
- Overhead
 - Watched some ERC proceedings
- Out of Office
 - Mon Mar 9 - Thu Mar 12: Vacation, VPN access, PST

Week 9

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support

- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Mon Mar 9 - Thu Mar 12: Vacation, VPN access, PST

Week 8

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Installed software on the new buoy control computer
 - Implementing new micro controller commands
 - Implementing changes to CANBUS packet structure
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Mon Mar 9 - Thu Mar 12: Vacation, VPN access, PST

Week 7

- 600034 - Control Tech - Rock
 - Successful day on the Carson last Thursday. Many new and updated components worked well.
 - Post-mission data analysis
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
 - Fitting-out the new controller CPU with build tools, languages, and software installs.
- 901618 - Pelagic-Benthic Coupling
 - Migrating Snappy project to version 5 of MPLAB.
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
 - Analyzing i2MAP mission failure of Jan 08 and how bottom dredging can be avoided in the future
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Mon Feb 24 - Thu Feb 27: Vacation, VPN access, PST
 - Thu March 26: Vacation, VPN access, PST

Week 6

- 600034 - Control Tech - Rock
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling

- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
- Out of Office
 - Thu Jan 30 - Wed Feb 5: Vacation, VPN access, PST
 - Mon Feb 24 - Thu Feb 27: Vacation, VPN access, PST

Week 5

- 600034 - Control Tech - Rock
 - Development, test, and prep for Dorado TRN/Obstacle-Avoidance test Thu Feb 6.
- 800139 - EyeRIS
- 901101 - Ocean Imaging
- 901221 - Midwater Time Series
- 901405 - PowerBuoy Development
- 901618 - Pelagic-Benthic Coupling
- 901800 - LRAUV Payload & Support
- 901807 - Next Gen Acoustic Dorado
- 901904.99 - Coral Camera System
- Overhead
 - Performance review
- Out of Office
 - Thu Jan 30 - Wed Feb 5: Vacation, VPN access, PST
 - Mon Feb 24 - Thu Feb 27: Vacation, VPN access, PST