

Mike Risi Sorted By Project

200105 - Core Navigation - MDUC

- Updates to Doc Ricketts processes to report instrument power state (Week 3)
- Worked on networking issues with navproc-dpkd (Week 7)
- Planning meeting with Erland for next week's LARs work (Week 7)
- Working on issue with stale TCP inputs (Week 14)
- Working on documentation for process configurations (Week 14)
- Changes to accommodate Qt 6 (Week 14)
- LASS process documentation (Week 15)
- Updated OS of deployed navproc machines (Week 15)
- Removed soon to be deprecated App passwords from repos (Week 15)
- Process documentation (Week 17)
- Added timeout to tcp-input process (Week 17)
- Synced navproc-dpkd spare and verified change over procedure (Week 17)
- Process documentation (Week 19)
- Updates to navproc-dpkd before AMP expedition (Week 19)
- Starting work on CTD GUI (Week 23)
- Working with Kevin on corenav proposal input (Week 25)
- Starting work on a DVL data collection process (Week 25)
- Completed DVL PD5 reader process (Week 26)
- Working on navproc-process documentation (Week 30)

300059 - DMO Support - RV David Packard

- Working with Cameron on CTD serial port issue (Week 6)

300062 - DMO Support - Doc Ricketts

- Working with Quinn on pan and tilt presets (Week 3)
- Developed some logging code for LARS testing (Week 8)
- Working on pan and tilts with Quinn (Week 11)
- Pan and tilt testing with Quinn on Ricketts (Week 12)
- Reviewed pt-preset code and pulled into navproc-process, coordinating with ROV pilots for testing (Week 17)
- Worked with Quinn and Drew to test pt-presets (Week 19)
- Changed winch input to delta calculation (Week 21)
- Updated soft stops on main camera pan and tilt (Week 21)
- Helped install spare light boom pan and tilt and set limits (Week 29)
- Debugging pan and tilt process problem with the digi terminal server (Week 30)

300070 - DMO Support - Ventana

- Helped bring terminal servers up after network upgrades (Week 3)
- Changes to external control interface to allow UDP effort requests (Week 15)
- Adding calibration storage to 4K camera lapbox firmware (Week 21)
- Completed calibration storage to 4K camera lap box firmware and review with Paul (Week 23)
- Working with Chad on pan and tilt control design (Week 25)
- Testing spare Ventana light pan and tilt for new controller (Week 25)
- Working on VISCA pan and tilt driver for Ventana Accupositioner (Week 26)
- Working on VISCA pan and tilt driver for Ventana Accupositioner (Week 28)
- Continuing pan and tilt processes for lights (Week 30)

300079 - DMO Support - RV Rachel Carson

901101 - Seafloor Mapping

- Working on LASS simulation for control system refactoring (Week 3)
- Testing LASS simulation with existing LASS control system (Week 6)
- Working on LASS control system refactoring (Week 6)
- Working on LASS control system refactoring (Week 7)
- Working on LASS control system refactoring (Week 8)
- Working on LASS control system refactoring (Week 11)
- Testing new LASS control system on Loon (Week 12)
- Working on configuration for upcoming cruise (Week 12)
- Working with Chad to test TCU chassis changes (Week 14)
- Working on LASS configuration for April deployment (Week 14)
- Working with Chad to testing LASS system changes (Week 15)
- Training for Both Jenny P. and Rich H. on refactored control system interface (Week 15)
- MOB for LASS cruise series (Week 17)
- Tested lass-control on LASS cruise series (Week 17)
- Looking into event timing with Microchip s650 timeserver with Doug C. (Week 17)
- Working on Ricketts interface for July expedition (Week 17)
- Debugging and software changes for LASS strobe-tilters (Week 19)
- Working with Doug C. on event time stamping with Microchip timeserver for July expedition (Week 19)
- Completed Ricketts interface for July, waiting for opportunity to test on ROV (Week 19)
- Added octans_pub to lass-services for July expedition (Week 19)
- Finished work with Chad on strobe tilter clean up (Week 21)
- Working with Doug C. on event time stamping with Microchip timeserver for July expedition (Week 21)
- Set up TCU with Chad on Packard for July expedition (Week 26)
- Started initial TCU network testings with help from IS (Week 26)

- Testing timer server event time stamps on TCU. (Week 28)
- Working on LASS MOB tasks for July 14th expedition (Week 28)
- Working on LASS MOB tasks for tomorrow's expedition (Week 29)
- Support of lass-control for current expedition (Week 30)
- Worked with Chad on getting camera triggers to the time server (Week 30)

902111 - Carbon Flux Ecology

902312 - Seafloor Processes

- Tested LASS control interface to Doc Ricketts (Week 23)
- Network configuration meeting for July LASS expedition (Week 23)

902504 - Scalable Semantic Mapping

- Tested external control interface on Ventana for Friday's cruise (Week 7)

902606 - Low Altitude Survey AUV

- Kick off meeting for project (Week 3)
- Project meeting for LAS AUV (Week 7)
- Reviewed LASS code with Brian K. (Week 8)
- Meeting and scoping of work for next year's LASAUV proposal (Week 26)

Out of Office

- Offsite on Tuesday and Friday
- January 2, 2026 - vacation
- January 19, 2026 - January 30, 2026 - vacation
- March 4-5, 2026 - vacation
- March 16, 2026 - vacation
- March 30, 2026 - vacation
- May 18, 2026 - vacation
- June 22, 2026 - vacation
- June 29, 2026 - July 1, 2026 - vacation

Overhead

- Meetings and scoping 2027 tasks for proposals (Week 25)