

800139 - EyeRIS (Remote Imaging System)

Week 50

1. Brian Kieft
 - a. Assisted with deployment prep and GF troubleshooting. Supporting current deployment

Week 48

1. Brian Kieft
 - a. Supported Galene deployment last week.

Week 46

1. Brian Kieft
 - a. Troubleshooting on Galene for network issues to the backseat

Week 41

1. Paul Roberts
 - a. Setting up EyeRIS for deployment to MARS next week on ROV Ventana
 - b. Testing lens upgrades for wider FOV on R26 camera

Week 39

1. Jon Erickson
 - a. The 1500m pressure case tube is an inch too short for the interior cabling necessary. New tube to the shop! All the other parts are Q.C.'d and ok.

Week 35

1. Denis Klimov
 - a. Revising battery pack design for EyeRIS using newly compiled Battery System Design Check-List

Week 31

1. Jon Erickson
 - a. Received the last of the 1500m camera case parts. Need to be Q.C.'d.
2. Paul Roberts
 - a. Completed revision of controller and battery pack for AyeRIS
 - b. Completed ingest of ROIs into RIMS on DeepRip, speed is ~ 5000 rois/s

Week 30

1. Denis Klimov
 - a. Reviewing battery pack redesign requirements

Week 29

1. Rich Henthorn
 - a. EyeRIS - LRAUV Interface updating

Week 26

1. Rich Henthorn
 - a. Working on new features in EyeRIS LRAUV Interface app (ELI)

Week 24

1. Brian Kieft
 - a. Supported a deployment this week for acomms data transfer and tracking

Week 23

1. Jon Erickson
 - a. The shop is still working on the 1500m version
2. Rich Henthorn
 - a. EyeRIS LRAUV Interface
 - i. Camera controller communication
 - ii. LRAUV syslog interface
3. Paul Roberts
 - a. Deploying AyeRIS on LRAUV Galene for tracking tests, image transfer, and you transects
 - b. Starting to ingest ROIs into RIMS database

Week 22

1. Rich Henthorn
 - a. CamController serial handling

Week 21

1. Rich Henthorn
 - a. Getting the EyeRIS LRAUV Interface (ELI) backup and going
 - b. Working on the camera controller serial interface and logging

Week 20

1. Rich Henthorn
 - a. ELI to camera controller serial traffic

Week 19

1. Rich Henthorn
 - a. EyeRIS-LRAUV Interface ramping back up
 - b. Serial comms to camera controller

Week 18

1. Jon Erickson
 - a. Waiting on parts.

Week 16

1. Brian Kieft
 - a. Recovered Galene following 4th engineering deployment last week.

Week 15

1. Jon Erickson
 - a. 1500m EyeRis case parts are in the shop queue.
2. Brian Kieft
 - a. Supported Galene deployment this week testing image transfer, front tracking, etc

Week 14

1. Brian Kieft
 - a. Preparing for deployment today. Did soak test and B&T on vehicle. \
 - b. Integrated joystick control

Week 13

1. Jon Erickson
 - a. Starting to produce parts for 1500m EyeRis housing. Pressure case and chassis.

Week 12

1. Paul Roberts
 - a. Testing new revision of strobes for the LRAUV integration and getting ready for field testing
 - b. Starting fabrication on 1500 m version of the LRAUV AyeRIS payload

Week 10

1. Brian Kieft
 - a. Met to discuss

Week 5

1. Brian Kieft
 - a. Met with team to discuss testing opportunity involving backseat commanding depth when it detects a region of interest.
2. Paul Roberts
 - a. Ocean Science Meeting preparations

Week 3

1. Paul Roberts
 - a. 65 megapixel lightfield camera integration planning
 - b. strobe potting materials eval
 - c. documentation

Week 2

1. Rich Henthorn
 - a. Kickoff meeting
2. Denis Klimov
 - a. Initial discussions of plans for a year
3. Paul Roberts
 - a. Strobe assembly planning and material sourcing
 - b. Opaleye software review
4. Alana Sherman
 - a. Trying to look into the budget and make sense of what is left for deeper rated systems

Week 1

1. Brian Kieft

- a. Fixed an acommms issue prior to deployment in the mission. Pictures of fishes were finally transferred to shore via Waveglider