



The Fall 2010 Report described a host of problems that had occurred on recent Jason cruises and were being addressed.

• Broken optics:

Temporary optics supplied by AIVL were replaced with our final system

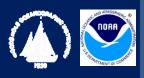
• Connectors on housing in poor location:

Corrected by AIVL

• Topside lens/camera control system :

Many software/hardware changes made. New hardware integrated into single controller by AIVL. Settings can be saved. Training provided.





• Incomplete, apparently untested, and awkward camera control and still image acquisition software:

Many software changes made. System is much improved, and provides real time feedback of still imagery.

• HD-SDI "flashed", interrupting recording.

Bad connector/cable found, problem resolved





• Camera low light performance was poor:

System was incorrectly configured on delivery. When fixed, sensitivity improved, but camera still requires more light than expected. New LED lighting helps, but use of HD will always place a premium on pointing the camera at well illuminated areas, and keeping the camera and optics well adjusted.

• Insufficient documentation.

More documentation provided, as well as system training by AIVL while system was in Woods Hole. Documentation is available for perusal.





• Data product generation incomplete and undocumented

Resolved. System now saves raw AND color imagery in real time, as requested. Products have been documented as described by S. McCue.