

3. Operations - Vehicle

In general Jason performed very well, except for:

- The ship's winch was damaged during transfer from the R/V Thompson to the R/V Langseth, the ship came into port mid-cruise for repair, part of the science team left without accomplishing their cruise goals.
 - Jason team made an error during the rush to move from TGT to Langseth
- For one cruise the A/C in the control van was not sufficient – problems with overheating.
 - We are addressing the AC issues, difficult environment
- *The hose to the slurp sampler had not been attached securely -> no shrimp samples could be collected from this dive (dives were already canceled due to weather and mechanical failures on this cruise).*
 - *We are rewriting the pre dive procedure for the slurp as a result of numerous mistakes in pre dive*
- *A cruise to the Mid-Atlantic-Ridge was scheduled at the wrong time of the year (Oct./Nov.) so that 4 days were lost to weather.*
 - *Extra days should be added to all cruises for weather, perhaps more when scheduled in bad time of year*
 - *To protect personnel and equipment NDSF is responsible for making the difficult decision of not going in when weather is bad. We appreciate most PIs patience and not pressuring the EL when he/she is making this difficult decision*
 - *LARS upgrade has had an incremental improvement on weather window; vessel station holding continues to be another driving factor*

10. User Recommendations

- The ROV Jason team should work on developing a better “repeater” station, outside the control van which has both higher quality video-feed and uses more screens to project that information in the main lab.
 - This is in progress and has been updated since these cruises (see *Jason Upgrades* slide)