

Appendix IV

Jason Engineering Improvements

Engineering Development Achieved during Guaymas Jason OPS

- Ring Laser Gyro tested
- Simrad SM 200 evaluated
- Doppler/LBL developed and compared to EXACT
 - Doppler closed loop control
 - Coring carousel used
- Diffuse flow mapped with doppler and CTD
 - Atlantis traction winch and F.O cable
 - Large area ESC and color video mosaics
- Rapid development of site map passed for subsequent ALVIN use