

SCRIPPS INSTITUTION OF OCEANOGRAPHY

CHALLENGES AND SUCCESSES : “ONE THING LEADING TO ANOTHER”

RVOC 2024

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R/V Sally Ride, Anacortes , Washington. Credit: Jeff Dillon.

SIO CHALLENGES AND SUCCESSES SINCE LAST RVOC



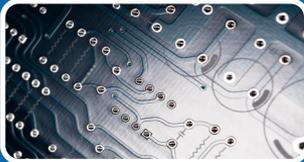
Revelle: DG3 Failure

- Our CAT C32 came violently apart on Sept 19
- Investigation tediously slow (waiting for CAT)



Revelle: Shaft Seal Failure

- Noticed leak from PS, but confirmed SB to be degrading in same manner.
- Liners with metallurgic specialist, awaiting attendance wartsila



Revelle: Inverter failure

- Failed at sea after drydock. Unrelated to the shaft seal issue. Capacitor bank in blue drive was “blown up”
- New inverter flown out to vessel and installed on Dec 21



RG Sproul drydock

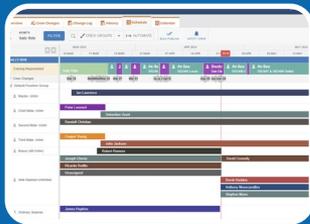
- Extensive steelwork, longer drydock than expected
- Back in operation after more than 3 months (while anticipating less than a month)
- When back in operation, immediately hammered with a hydraulic leak in a ballast tank.

SIO CHALLENGES AND SUCCESSES SINCE LAST RVOC



Sally Ride: Drydock

- Ballast Water Treatment System
- New ETO cabin (Almost have the ETO function creation completed)
- New ECDIS installation
- Interior project RFP is out and bids are almost due.



Upgrades in administrative productivity

- Digitization of the Safety Management System has been completed
- Helm Connect
- NAVTOR automatic chart updates (ICW ECDIS upgrade)



Regulatory successes / challenges

- New BWMP Sally Ride
- New IEEC for Revelle
- INSURV + COI + ABS annuals completed in Mauritius, May 2023
- External DOC audit, USCG facility security audit, etc etc



THANK YOU



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