

PRE-CRUISE PLANNING & CHECKLIST

General Info

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|------------------------------|---------------------------------|
| Ship | ROGER REVELLE |
| Cruise | |
| Dates | 20 AUG – 3 OCT |
| Loading Date(s) | 18 – 20 AUG |
| Off-loading Date(s) | 3 – 5 OCT |
| Chief Scientist | BRANDON SOUTHALL |
| Start Port | FT LAUDERDALE (PORT EVERGLADES) |
| Intermediate Ports | NASSAU |
| End Port | FT LAUDERDALE (PORT EVERGLADES) |
| # of Scientific Participants | |

Equipment Requirements

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|---|--|
| 24 HOUR OPERATIONS ? | Science Only, Observers and source not used at night |
| Trawl Winch (9/16”M, 0.680EM) | |
| CTD Winch (0.322EM) | CTD |
| CTD Equipment | CTD only |
| Hydro Winch (0.25’M) | |
| Portable Winches | For Arrays (2) - supplied by science Plus sheaves |
| Navigation | GP 90 D Science needs feed + Gyro Feed |
| Dynamic Positioning | Available |
| Multibeam Sonar | NO |
| ADCP | NO |
| Doppler Sonar | NO |
| PDR (3.5kHz, 12kHz) | NO |
| Magnetometer | NO |
| Gravity | NO |
| IMET | GPS/ GYRO FEED TO OBSERVERS, NORMAL |
| XBT | Prior to each source deployment or whale is tagged 1 per Day |
| Seismics (Air/Water Guns, Hydrophone Streamers, etc.) | NO |
| Air Compressor Vans | NO |
| Coring (Gravity, Piston, Multi, etc.) | NO |
| Explosives | NO |
| Containers/Vans | 26,000 lb amplifier van on ISO Fittings port side. Large RHIB, Small RHIB |
| Electrical, Special Requirements | AMP van OK, 220 for small Amp, big winch 440 OK, small winch 110 OK. |
| Foreign Shipments | NO |
| Isotopes | NO |
| Hazmat (chemicals, lithium batteries, etc.) | Small fuel tanks for small boat – sci supplied. Alternate tags Have Li Batteries |
| Hazmat response issues | MSDS’s for Li batteries |
| Laser | NO |
| Freezers/Reefers | Available for samples if needed. |
| SIO Technicians | MT and CT |
| Data Processing | NONE XBT |
| Communications | Ship to boat, ship to shore –VHF – normal e-mail |
| INTERNET Requirements | 1 Large file per day, May be broken up into smaller. VPN and Internet service requirements to be provided to CRG by science. |
| Clearances | BAHAMAS, |

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Additional Notes

1. 2 RHIBS PROVIDED BY SCIENCE.
2. Notification for towing deployments below 30m – CATAS message.
3. Prey field mapping – will it be done?
4. Science to arrange refueling of boats. Possibly add'l gas tanks for small RHIB provided by science. Store in quick release racks.
5. Desire flexibility of dates for stop in Nassau. (soon after Labor Day?)
6. Marine mammals will be tagged
7. Big eyes on 03 level and staging bay for MMO'S. Network access for lap tops. Science to provide communications between station.
8. Science to provide VHF for ship to shore
9. DTAG locator to be located on bridge
10. All permit reports to be submitted by science
11. Deploy Lubell source from Stbd crane over stern.