

General Info

Date of Pre-Cruise Meeting:

9/14/09

Ship	ROGER REVELLE
Cruise	ALBATROSS Expedition (RR0913 Barclay)
Dates	6-18 Nov, 2009
Loading Date(s)	4-5 Nov. 2009
Off-loading Date(s)	2009-11-03
Chief Scientist	David Barclay
Start Port	Apra, Guam
Intermediate Ports	
End Port	Nuku'alofa, Tonga
# of Scientific Participants	6 total: 2 from Deep Sound, 2 DART, 2 from WHOI OBS

Equipment Requirements

24 HOUR OPERATIONS ?	yes, for day of deployments/recoveries.
Trawl Winch (9/16"M, 0.680EM)	yes, for DART buoy
CTD Winch (0.322EM)	no
CTD Equipment	no
Hydro Winch (0.25'M)	no
Portable Winches	capstan needed for DART. NO mooring winch
Navigation	GPS needed for Comp Lab Science Gear
Dynamic Positioning	yes
Multibeam Sonar	off, during Deep Sound deployment
ADCP	off, during Deep Sound deployment
Doppler Sonar	off, during Deep Sound deployment
PDR (3.5kHz, 12kHz)	Edgetech to be used by Science party with 12 kHz; off, during Deep Sound deployment
Magnetometer	no room on deck for the winch. (no)
Gravity	routine
IMET	routine
XBT	routine
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	no
Air Compressor Vans	no
Coring (Gravity, Piston, Multi, etc.)	no
Explosives	no
Containers/Vans	WHOI OBS van
Electrical, Special Requirements	480V, 3 phase for WHOI OBS van
Foreign Shipments	WHOI van, Science Party equipment
Isotopes	no
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	lithium batteries in instruments
Hazmat response issues	no
Laser	no
Freezers/Reefers	no
SIO Technicians	1 restech, 2 Computer Technicians
Data Processing	no
Communications	no. Not network to WHO van needed.
Clearances	no
Internet Requirements	standard

Additional Notes

1. 1 day of deployments of Deep Sound instruments during transit. Weighs <100kg. RF beacon, ARGOS
2. DART, 6 grey boxes, BPR anchor/platform X2, basket of floats. Mooring 5840m in length. ~12 hours of time; 6 hour diversion, off-course. Shipping out of Tonga. May add 1 day to transit time.