

General Info

Date of Pre-Cruise Meeting:

9/14/09

Ship	ROGER REVELLE
Cruise	ALBATROSS Expedition (RR0915 Bohnenstiehl)
Dates	8-17 Dec 2009
Loading Date(s)	7 Dec 2009
Off-loading Date(s)	18 Dec 2009
Chief Scientist	DelWayne Bohnenstiehl
Start Port	Suva, Fiji
Intermediate Ports	
End Port	Nuku'alofa, Tonga (Tauranga, New Zealand being considered)
# of Scientific Participants	~8

Equipment Requirements

24 HOUR OPERATIONS ?	yes, during deployments; 24-hour watchstanding during transits
Trawl Winch (9/16"M, 0.680EM)	yes (anchors)
CTD Winch (0.322EM)	Science requests availability for use with small instruments, weighed down by pinger.
CTD Equipment	no
Hydro Winch (0.25'M)	no
Portable Winches	can leave mag winch from previous leg
Navigation	need GPS is Comp Lab for 80-11a 80-11m; Science wants to use their own GPS antenna from Winch Deck to Comp Lab
Dynamic Positioning	as required
Multibeam Sonar	standard
ADCP	standard
Doppler Sonar	standard
PDR (3.5kHz, 12kHz)	standard
Magnetometer	as practical
Gravity	standard
IMET	standard
XBT	may need additional XBTs (a few). (FastDeeps needed for this)
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	no
Air Compressor Vans	no
Coring (Gravity, Piston, Multi, etc.)	no
Explosives	no
Containers/Vans	no
Electrical, Special Requirements	no
Foreign Shipments	shipping to Suva; shipping out of Tonga
Isotopes	no
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	lithium batteries in instruments
Hazmat response issues	no
Laser	no
Freezers/Reefers	no
SIO Technicians	1 CT, 1 restech
Data Processing	no
Communications	standard
Clearances	Tonga/Fiji (submitted)
Internet Requirements	standard

Additional Notes

1. Autonomous hydrophone deployments (moorings), 4-5 deployed at northern limits of work area. 1, deployed near Tonga. ~10 large spools of line for moorings.
2. Argon or the like may be brought by Science Party.
3. GDC has approval to release data.