

**General Info**

Date of Pre-Cruise Meeting:

9/14/09

Ship	ROGER REVELLE
Cruise	ALBATROSS Expedition (RR0914 Wiens)
Dates	20 Nov – 5 Dec, 2009
Loading Date(s)	19 Nov. 2009
Off-loading Date(s)	6 Dec 2009
Chief Scientist	Douglas Wiens
Start Port	Nuku'alofa, Tonga
Intermediate Ports	
End Port	Suva, Fiji
# of Scientific Participants	~17

**Equipment Requirements**

<b>24 HOUR OPERATIONS ?</b>	yes
Trawl Winch (9/16"M, 0.680EM)	no
CTD Winch (0.322EM)	no
CTD Equipment	no
Hydro Winch (0.25'M)	instrument testing
Portable Winches	may use Mag winch (if space available)
Navigation	navigation to Science gear deck box
Dynamic Positioning	standard
Multibeam Sonar	survey, contingent on time. Used during OBS ops (standard). Watchstanders.
ADCP	standard
Doppler Sonar	standard
PDR (3.5kHz, 12kHz)	standard
Magnetometer	run during end transit, as possible
Gravity	standard
IMET	standard
XBT	standard
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 van
Foreign Shipments	Load-on: Guam; offload in Fiji.
Isotopes	no
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	lithium batteries, in instruments. Spare batteries/instruments aboard upon arrival in Suva.
Hazmat response issues	no
Laser	no
Freezers/Reefers	no
SIO Technicians	need 2 restechs; 1 CT
Data Processing	standard
Communications	standard
Clearances	Tonga, Fiji (submitted; work area ~50% in Fijian waters)
Internet Requirements	standard

**Additional Notes**

1. Deploy 53 ocean-bottom seismographs, 6 EM bottom sensors. Contingency time doing Multibeam survey.
2. Most OBS deployed 10nm apart (short transits); acoustic survey to be done after deployment. Most OBes in 2500m of water
3. Submergence tests to be done by multiple groups. 11 OBMs to be tested in a cage to 4000m (to be done 1st OBS site).
4. Data to be released to GDC w/o limitation