

General Info

Date of Pre-Cruise Meeting:

9/14/09

Ship	ROGER REVELLE
Cruise	ALBATROSS Expedition (RR0912 Forsyth)
Dates	13 Oct – 2 Nov, 2009
Loading Date(s)	11-12 Oct 2009
Off-loading Date(s)	3 Nov 2009
Chief Scientist	Donald Forsyth
Start Port	Kaohsiung, Taiwan
Intermediate Ports	
End Port	Apra, Guam
# of Scientific Participants	10

Equipment Requirements

24 HOUR OPERATIONS ?	yes; need crew assistance w/ crane ops
Trawl Winch (9/16”M, 0.680EM)	possible impromptu dredging to 6000m. Any rocks recovered to be shipped from Guam.
CTD Winch (0.322EM)	no
CTD Equipment	none
Hydro Winch (0.25’M)	dunk testing
Portable Winches	Mag winch
Navigation	standard
Dynamic Positioning	bow thruster out of commission; hopefully repaired before cruise
Multibeam Sonar	requested by science party
ADCP	routine
Doppler Sonar	routine
PDR (3.5kHz, 12kHz)	requested by Science Party, record SEG-Y, KEB; may or may not be run sync'd
Magnetometer	requested by science party, to be deployed as much as possible between OBS deployments
Gravity	requested by science party; gravtie to be done, as practical
IMET	routine
XBT	1/day, used to keep Multibeam calibrated
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	none
Air Compressor Vans	none
Coring (Gravity, Piston, Multi, etc.)	none
Explosives	none
Containers/Vans	1 SIO OBS lab van.
Electrical, Special Requirements	no
Foreign Shipments	all shipments to Kaoshiung, removed at Apra Harbor
Isotopes	no
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	OBS has 7 lithium batteries. Stored in aluminum cases on deck, barrel of lith-x brought. A few may be stored in Main Lab at a time.
Hazmat response issues	none
Laser	no
Freezers/Reefers	no
SIO Technicians	4 SIO techs (3 computer techs, 1 restech)
Data Processing	mbsystem used daily
Communications	normal
Clearances	no clearances for this cruise, working outside Japanese waters
Internet Requirements	

Additional Notes

1. Impromptu dredging may happen at 6000m, pingers needed
2. 16 OBSes to be brought by Science Party; ~1deg spacing for deployments (2 groups of 8; 2 degrees apart).
3. mbsystem to be used for daily processing by Science Party