

PRE-CRUISE PLANNING & CHECKLIST

General Info

Date of Pre-Cruise Meeting: 2009-11-23

Ship	R/V Roger Revelle
Cruise	RR1002
Dates	2010-01-26 -> 2010-02-19
Loading Date(s)	2010-01-24 -> 2010-01-25
Off-loading Date(s)	2010-02-20 -> 2010-02-21
Chief Scientist	John Collins (Hager is the PI and will not be onboard)
Start Port	Wellington, New Zealand
Intermediate Ports	N/A
End Port	Wellington, New Zealand
# of Scientific Participants	~10 Science

Equipment Requirements

24 HOUR OPERATIONS ?	Option if not recovering for 8 hours
Trawl Winch (9/16" M, 0.680EM)	No
CTD Winch (0.322EM)	No
CTD Equipment	No
Hydro Winch (0.25' M)	No
Portable Winches	No
Navigation	Standard
Dynamic Positioning	Standard
Multibeam Sonar	Yes, heavy use
ADCP	Standard
Doppler Sonar	Standard
PDR (3.5kHz, 12kHz)	3.5kHz, Science Party will plug into 12kHz
Magnetometer	Yes, deployed between OBS stations, 2-12 hour runs
Gravity	Yes
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	SIO may have one (unlikely)
Electrical, Special Requirements	NO
Foreign Shipments	Science Party is responsible
Isotopes	NO
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	OBSes have Li
Hazmat response issues	NO
Laser	NO
Freezers/Reefers	NO
SIO Technicians	1 RT, 1 CT
Data Processing	NO
Communications	Standard
Clearances	NZ
Internet Requirements	SIO, 2 co-PIs

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Additional Notes

- Retrieve 29 OBSes, deployed 1 years ago
- 3 NZ students (not all citizens), 3 SIO,
- Proprietary hold on data
- 2 vegetarians