

PRE-CRUISE PLANNING & CHECKLIST

General Info

Meeting date	02 Feb 2010 (Tue)
Ship	R/V <i>Roger Revelle</i>
Cruise Name	RR1009
Cruise Start Date	07 Jul 2010 (Wed)
Cruise End Date	20 Jul 2010 (Tue)
Load Start Date	06 Jul 2010 (Tue)
Load End Date	07 Jul 2010 (Wed)
Off-load Start Date	20 Jul 2010 (Tue)
Off-load End Date	21 Jul 2010 (Wed)
Chief Scientist	Arthur B. Baggeroer
Start Port	Kao-Hsiung, Taiwan
Intermediate Ports	N/A
End Port	Kao-Hsiung, Taiwan
# of Scientific Participants	5-7 + SIO techs (2)

Equipment Requirements

24 HOUR OPERATIONS ?	Yes
Trawl Winch (9/16”M, 0.680EM)	Available, for deployments..
CTD Winch (0.322EM)	Yes, at mooring deployments
CTD Equipment	Available, Rosette 24-10L, fluorometer, trans, o2, ladcp,
Hydro Winch (0.25’M)	Available
Portable Winches	TSE, Sea Mac 220 3 phase – for ~200lb J15
Navigation	GP90 D
Dynamic Positioning	Available
Multibeam Sonar	EM 122 Included, pending clearances, need watchstander
ADCP	RDI 150kHz, Included, pending clearances. Possible 75Khz TBA
Doppler Sonar	HDSS 50 kHz and 140 kHz, Included
PDR (3.5kHz, 12kHz)	Included, pending clearances, watchstander
Magnetometer	No
Gravity	Included, pending clearances
IMET	Fresh sensors installed, nmea/gps feeds, Sea Surface, Included
XBT	For multibeam, Included, Other probes brought onboard
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	Sea Mac 220 3 phase. TBD
Foreign Shipments	Before & after
Isotopes	No
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	No

Hazmat response issues	MSDS
Laser	No
Freezers/Reefers	No
SIO Technicians	1 CT, 1 MT
Data Processing	No other special processing
Communications	Only Temp local email accts (8mb limit per email), IM available for all with comps – via Wifi
Clearances	Japan, Philippines (can run w/o either)
Internet Requirements	Public terminals, PI, have full access to HiSeasNet

Additional Notes

NPAL

Work boat requested

Two air tuggers requested

Requested that two sources simultaneously, one from stern A-Frame and one from STBD boom. This was discussed, and approved by Captain Desjardins.

Sonobuoy ops will require an antenna, which science will set up.