

PRE-CRUISE PLANNING & CHECKLIST

General Info

Meeting date	02 Feb 2010 (Tue)
Ship	R/V <i>Roger Revelle</i>
Cruise Name	RR1008
Load Start Date	12 Jun 2010 (Sat)
Load End Date	14 Jun 2010 (Mon)
Cruise Start Date	15 Jun 2010 (Tue)
Cruise End Date	04 Jul 2010 (Sun)
Off-load Start Date	04 Jul 2010 (Sun)
Off-load End Date	05 Jul 2010 (Mon)
Chief Scientist	Hans C. Graber
Start Port	Kao-Hsiung, Taiwan
Intermediate Ports	N/A
End Port	Kao-Hsiung, Taiwan
# of Scientific Participants	~10 + SIO techs (2)

Equipment Requirements

24 HOUR OPERATIONS ?	Yes
Trawl Winch (9/16”M, 0.680EM)	Available
CTD Winch (0.322EM)	Yes, at mooring deployments
CTD Equipment	Available, Rosette 24-10L, fluorometer, trans, o2, ladcp, to 1000m
Hydro Winch (0.25’M)	Available, Testing releases
Portable Winches	TSE, TBD
Navigation	GP90 D
Dynamic Positioning	Available
Multibeam Sonar	EM 122 Included, pending clearances
ADCP	RDI 150kHz, Included, pending clearances. Possible 75Khz TBA to 10-100m
Doppler Sonar	HDSS 50 kHz and 140 kHz, Included
PDR (3.5kHz, 12kHz)	Included, pending clearances
Magnetometer	No
Gravity	Included, pending clearances
IMET	Fresh sensors installed, nmea/gps feeds, Sea Surface, Included
XBT	For multibeam, Included
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	No
Air Compressor Vans	No
Coring (Gravity, Piston, Multi, etc.)	No
Explosives	No
Containers/Vans	2 Ragtops, 1 possible 20-footers, TBD, pending discussion
Electrical, Special Requirements	No
Foreign Shipments	Before & after
Isotopes	No

Hazmat (chemicals, lithium batteries.) Battery Specialties ??	No, Dry Alkalines
Hazmat response issues	MSDS
Laser	No
Freezers/Reefers	TBD
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	Clearances for gliders
Internet Requirements	Public terminals, PI, have full access to HiSeasNet

Additional Notes

ASI in Typhoons
Track system installed port side

Work boat requested
Four air tuggers requested

Recovery cruise needs same gear & people as deployment cruise
If can return early & donate remaining days, will be done to help others who need days TBD

All gear needed for turnaround cruise should be on board and stowed prior to first cruise because intermediate ports may not be Kaohsiung -- so it'll all be loaded prior to deployment cruise and left on board -- stored batteries will be alkalines (no safety issue)

John Kemp deck plan will address how many containers can go aboard & where