

SOMTS pre-cruise meeting notes

PRE-CRUISE PLANNING & CHECKLIST**General Info**

Meeting date	Jan 7, 2010		
Ship	R/V Revelle		
Cruise Name	RR1006		
Cruise Start Date	May 5, 2010		
Cruise End Date	May 29, 2010		
Load Start Date	May 1, 2010		
Load End Date	May 5, 2010		
Off-load Start Date	May 29, 2010		
Off-load End Date	May 31, 2010		
Chief Scientist	Mercer		
Start Port	Kao-hsiung		
Intermediate Ports			
End Port	Kao-hsiung		
# of Scientific Participants	15 + SIO Techs (1 or 2 MTs and 1 CT)		

Equipment Requirements

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24 HOUR OPERATIONS ?	yes		
Trawl Winch (9/16”M, 0.680EM)	no		
CTD Winch (0.322EM)	yes		
CTD Equipment	yes, no bottles		
Hydro Winch (0.25’M)	no		
Portable Winches	no		
Navigation	science installed seanav gps on aframe, input to dynamic positioning		
Dynamic Positioning	yes, ship centered around seanav antenna		
Multibeam Sonar	yes while transiting		
ADCP	yes, need 75khz (need current measurement down to lowered source)		
Doppler Sonar	yes		
PDR (3.5kHz, 12kHz)	3.5khz during transit, probably not using hull mounted 12khz		
Magnetometer	no		

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Gravity	ancillary		
IMET	ancillary		
XBT	yes for multibeam		
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	no		
Air Compressor Vans	no		
Coring (Gravity, Piston, Multi, etc.)	no		
Explosives	no		
Containers/Vans	4, 2 on main deck, the other 2 wherever		
Electrical, Special Requirements	100 amp, 240 volts, 3 phase into van		
Foreign Shipments	Kao-hsiung		
Isotopes	no		
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	lithium batteries, lithium spares, air conditioning equipment		
Hazmat response issues	ship provided lithium fire response		
Laser	no		
Freezers/Reefers	no		
SIO Technicians	1 or 2 rt (to be determined), 1 ct		
Data Processing	standard		
Communications	standard		
Clearances	none required		
Internet Requirements	standard		
<i>Additional Notes</i>			
1. 2 blocks for a-frame (science provided)			
2. possibly requires two restechs			
3. welding required for science van			
4. Contact Tim Schnoor about ONR funding for 2nd Research Tech (if 2nd RT needed)			