

SOMTS pre-cruise meeting notes

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

Meeting date	Jan 7, 2010		
Ship	R/V Revelle		
Cruise Name	RR1005		
Cruise Start Date	Apr 6, 2010		
Cruise End Date	Apr 28, 2010		
Load Start Date	Apr 3, 2010		
Load End Date	Apr 6, 2010		
Off-load Start Date	Apr 28, 2010		
Off-load End Date	Apr 30, 2010		
Chief Scientist	Worcester		
Start Port	Kao-hsiung		
Intermediate Ports			
End Port	Kao-hsiung		
# of Scientific Participants	11 + SIO Techs (1 MT, 1 CT)		

Equipment Requirements

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24 HOUR OPERATIONS ?	not for mooring deployments, 24 hour ops during ctd deployments		
Trawl Winch (9/16”M, 0.680EM)	YES		
CTD Winch (0.322EM)	YES		
CTD Equipment	YES, no watter bottles		
Hydro Winch (0.25’M)	no		
Portable Winches	TSE winch		
Navigation	Dual Frequency GP90 GPS		
Dynamic Positioning	Yes		
Multibeam Sonar	Yes, mooring deployment site survey		
ADCP	ancillary, surface current monitoring		
Doppler Sonar	ancillary		
PDR (3.5kHz, 12kHz)	3.5khz for sub-bottom profiling, 12khz for ranging (science provided benthos deck box to interface with ship’s hull-mounted transducer)		
Magnetometer	no		

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Gravity	ancillary		
IMET	ancillary		
XBT	for multibeam		
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	no		
Air Compressor Vans	no		
Coring (Gravity, Piston, Multi, etc.)	no		
Explosives	no		
Containers/Vans	YES, 2 ragtops on 01 deck, possibly a third container on main deck		
Electrical, Special Requirements	no		
Foreign Shipments	-		
Isotopes	no		
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	lithium batteries, spare batteries, solvents		
Hazmat response issues	inform ship of location of spare lithium, science provided lithium fire response		
Laser	no		
Freezers/Reefers	no		
SIO Technicians	1 rt, 1 ct		
Data Processing	standard, real-time multibeam display		
Communications	normal		
Clearances	japan, phillippines		
Internet Requirements	skype outreach conference		
<i>Additional Notes</i>			
1. Heavily laden, there will be limited extra deck space			
2. Ship may not be able to make 12 knots			