

SOMTS pre-cruise meeting notes

<i>PRE-CRUISE PLANNING & CHECKLIST</i>			
<i>General Info</i>			
Meeting date	Jan 7, 2010		
Ship	REVELLE		
Cruise Name	RR1007, IWISE		
Cruise Start Date	May 1, 2010		
Cruise End Date	Jun 6, 2010		
Load Start Date	May 1, 2010		
Load End Date	May 1, 2010		
Off-load Start Date	Jun 6, 2010		
Off-load End Date	Jun 8, 2010		
Chief Scientist	Lien		
Start Port	Kao-hsiung		
Intermediate Ports			
End Port	Kao-hsiung		
# of Scientific Participants	~15 + SIO Techs (1 CT and 2 MTs)		
<i>Equipment Requirements</i>			
Equipment Requirements			
24 HOUR OPERATIONS ?	Yes		
Trawl Winch (9/16”M, 0.680EM)	Towed CTD Chain operation and HDSS survey		
CTD Winch (0.322EM)	Shipboard CTD before and after Towed CTD Chain operation for calibration		
CTD Equipment	CTD, no water bottles		
Hydro Winch (0.25’M)	Available		
Portable Winches	TSE		
Navigation	GP90 D		
Dynamic Positioning	Available		
Multibeam Sonar	Yes		
ADCP	RDI 150 kHz		
Doppler Sonar	Pinkel’s HDSS 50 kHz and 140 kHz		
PDR (3.5kHz, 12kHz)	Available		
Magnetometer	No		
Gravity	Normal		

SOMTS pre-cruise meeting notes

IMET	Sea Surface		
XBT	Normal		
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	No		
Foreign Shipments	Loading from Kaohsiung, Taiwan		
Isotopes	No		
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	No		
Hazmat response issues	No		
Laser	No		
Freezers/Reefers	Available		
SIO Technicians	CT, 2 MT		
Data Processing	Nothing special		
Communications	Normal		
Clearances	Philippines, Taiwan		
Internet Requirements	Normal		
<i>Additional Notes</i>			
1. We will tow a 800-m long CTD chain behind the ship at 2-6 kt within the Luzon Strait with abrupt complex			
2. Marine radar repeater in the computer lab for internal waves tracking (plus recording) will be very useful.			
3. Setup digital recording of bridge radar as new x-band science radar is not likely to be available in time			
4. Contact Tim Schnoor about ONR funding for 2nd Research Tech			