

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	MELVILLE
Cruise	TYPHOON
Dates	19 SEPT – 9 OCT
Loading Date(s)	17 – 19 SEPT
Off-loading Date(s)	9 – 10 OCT
Chief Scientist	R-C LIEN
Start Port	CHI-LUNG
Intermediate Ports	
End Port	Kaohsiung
# of Scientific Participants	~10 + SIO Techs 2 nd MT provided by STS

Equipment Requirements

24 HOUR OPERATIONS ?	
Trawl Winch (9/16”M, 0.680EM)	Mooring Turnarounds 5000 lb anchor
CTD Winch (0.322EM)	CTD before and after each mooring op
CTD Equipment	CTD Only – Perhaps water sampling TBD
Hydro Winch (0.25’M)	Available
Portable Winches	TSE
Navigation	GP90 D
Dynamic Positioning	Available
Multibeam Sonar	Yes for redeployment
ADCP	Both
Doppler Sonar	NO
PDR (3.5kHz, 12kHz)	Available
Magnetometer	No
Gravity	Normal
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	Probably not Will verify
Electrical, Special Requirements	No
Foreign Shipments	None
Isotopes	Possibly - TBD
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	Li Batteries
Hazmat response issues	MSDS
Laser	No
Freezers/Reefers	Available
SIO Technicians	CT,2 MT
Data Processing	Nothing special
Communications	Normal
Clearances	Philippines
INTERNET Rqmts	Normal

Additional Notes

1. WIRELESS ISSUES.
2. Decide if mooring will be released or serviced while still on Anchor.

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3. R-C to provide mooring diagram