

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	MELVILLE
Cruise	LEE 3 GLIDER RECOVERY
Dates	18 – 28 JULY
Loading Date(s)	16 – 18 JULY
Off-loading Date(s)	28 – 29 JULY
Chief Scientist	S. Johnston / CRAIG LEE
Start Port	KAOHSIUNG
Intermediate Ports	
End Port	KAOHSIUNG
# of Scientific Participants	4 + Taiwanese + SIO techs?

Equipment Requirements

24 HOUR OPERATIONS ?	No extra STS techs
Trawl Winch (9/16”M, 0.680EM)	No
CTD Winch (0.322EM)	CTD
CTD Equipment	ODF Has request
Hydro Winch (0.25’M)	No
Portable Winches	
Navigation	
Dynamic Positioning	
Multibeam Sonar	
ADCP	Ocean Surveyor 75 KHz
Doppler Sonar	
PDR (3.5kHz, 12kHz)	
Magnetometer	
Gravity	
IMET	YES additional sensors??
XBT	
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	
Air Compressor Vans	
Coring (Gravity, Piston, Multi, etc.)	
Explosives	
Containers/Vans	
Electrical, Special Requirements	
Foreign Shipments	
Isotopes	
Hazmat (chemicals, lithium batteries, etc.)	
Hazmat response issues	
Laser	
Freezers/Reefers	
SIO Technicians	CT RT
Data Processing	
Communications	
Clearances	

Additional Notes

1. recover 2 gliders
2. deploy 4 other gliders.

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3. continue Taiwan survey – multibeam, mag, grav
4. planned use of Rudnick u/w CTD
5. possible automated recovery net for glider
6. leave anything on ship?