

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	MELVILLE
Cruise	QPE 3
Dates	23 AUG – 7 SEPT
Loading Date(s)	22 – 23 AUG
Off-loading Date(s)	7 SEPT
Chief Scientist	T. SANFORD
Start Port	CHI-LUNG
Intermediate Ports	
End Port	CHI-LUNG
# of Scientific Participants	7 + SIO TECHS

Equipment Requirements

24 HOUR OPERATIONS ?	
Trawl Winch (9/16”M, 0.680EM)	NO
CTD Winch (0.322EM)	CTD
CTD Equipment	CTD only – to the bottom, Possible Nutrients
Hydro Winch (0.25’M)	No
Portable Winches	No
Navigation	GP90 D
Dynamic Positioning	Available
Multibeam Sonar	<1000 m in canyons
ADCP	75 KHz and 150 KHz
Doppler Sonar	NA
PDR (3.5kHz, 12kHz)	Available
Magnetometer	No
Gravity	Running
IMET	Sea Surface
XBT	Desire availability to check current edge Science may bring some
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	NONE
Foreign Shipments	Taiwan
Isotopes	NO
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	No but will verify
Hazmat response issues	None
Laser	No
Freezers/Reefers	Only of needed by NTOU
SIO Technicians	CT MT
Data Processing	Multibeam Images
Communications	Normal + Iridium network From previous cruise
Clearances	Taiwan, Japan
INTERNET Rqmts	Float Positions

Additional Notes

1. WIRELESS ISSUES.
2. Launch and track 4 - 6 EMAPEX Floats, 50 lbs ea

PRE-CRUISE PLANNING & CHECKLIST

3. Data posting questions – Glen to clarify with GDF
4. Recover floats at end of cruise