

**PRE-CRUISE PLANNING & CHECKLIST**

**General Info**

Ship	MELVILLE
Cruise	
Dates	5 – 7 JUNE & 6 – 9 JULY (1600 departure and 0800 arrival)
Loading Date(s)	5 JUNE & 6 JULY
Off-loading Date(s)	7 JUNE & 9 JULY
Chief Scientist	ERIC TERRILL
Start Port	HONOLULU
Intermediate Ports	
End Port	HONOLULU
# of Scientific Participants	4 + 2 SIO Techs

**Equipment Requirements**

<b>24 HOUR OPERATIONS ?</b>	
Trawl Winch (9/16”M, 0.680EM)	
CTD Winch (0.322EM)	CTD Only
CTD Equipment	CTD, Transmisometer
Hydro Winch (0.25’M)	
Portable Winches	
Navigation	GP 90 D
Dynamic Positioning	
Multibeam Sonar	
ADCP	150 KHz OS
Doppler Sonar	
PDR (3.5kHz, 12kHz)	
Magnetometer	
Gravity	
IMET	Normal
XBT	Normal
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.)	Lithium Batteries
Hazmat response issues	MSDS's
Laser	
Freezers/Reefers	
SIO Technicians	MT, CT, CTD (tng)
Data Processing	
Communications	HighSeas Net
Clearances	None

**Additional Notes**

1. 5 SOLO FLOATS 10 KM apart depending on Oceanography, floats will profile to 200 meters

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2. Require Operating DF system (155 MHz), Small boat possibility
3. Navy Notification required for CTD work
4. A couple shipping boxes left aboard between cruises.
5. Cruise plan to be provided.