

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	MELVILLE
Cruise	
Dates	
Loading Date(s)	
Off-loading Date(s)	
Chief Scientist	Fisher/Cavanaugh
Start Port	Suva
Intermediate Ports	Suva
End Port	
# of Scientific Participants	35 Incl 2 SIO techs

Equipment Requirements

24 HOUR OPERATIONS ?	Around the clock operations not planned but recoveries/launches could occur at any time.
Trawl Winch (9/16"M, 0.680EM)	No
CTD Winch (0.322EM)	No
CTD Equipment	
Hydro Winch (0.25'M)	No
Portable Winches	DYNACON W/.680 FO JASON II
Navigation	DP 90 D
Dynamic Positioning	YES
Multibeam Sonar	Yes in transit WX days
ADCP	
Doppler Sonar	
PDR (3.5kHz, 12kHz)	
Magnetometer	Possibly if requested by others
Gravity	Running
IMET	Normal
XBT	Normal
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	
Air Compressor Vans	
Coring (Gravity, Piston, Multi, etc.)	
Explosives	
Containers/Vans	5 JASON vans, ABE Van
Electrical, Special Requirements	
Foreign Shipments	To Japan or Suva
Isotopes	NONE
Hazmat (chemicals, lithium batteries, etc.)	NEED LIST & MSDS' IAW CH 12 RVSS
Hazmat response issues	
Laser	NO
Freezers/Reefers	2 X -80 DEG C Use 1 of -80 for chilling water
SIO Technicians	CT/RT
Data Processing	Will train sci party in multibeam processing
Communications	Normal
Clearances	Tonga, Fiji

Additional Notes

1. Equipment loaded in San Diego, small shipment to Yokohama or Suva.

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2. Possible addition of 3 days SeaBeam survey.
3. LBL 36 hour JASON dives 12 Hrs up
4. small quantities of milique water
5. 2 ½ pallets of equipment loaded in San Diego Stacy Kim to handle. Off load in Hawaii.
6. Quantity of haz mat looks OK
7. Possible OBS deployments