

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	MELVILLE
Cruise	
Dates	16 MAY - 3 JUN
Loading Date(s)	14 – 16 MAY
Off-loading Date(s)	4 – 6 JUN
Chief Scientist	BOB VRIJENHOEK - Van Dover
Start Port	SUVA
Intermediate Ports	
End Port	???
# of Scientific Participants	14, 2 Nat'l reps, WEB person + 6 Van Dover, 10 JASON + 2 SIO TECHS TOTAL 35

Equipment Requirements

24 HOUR OPERATIONS ?	Possible but not likely - 12 hour runs
Trawl Winch (9/16”M, 0.680EM)	
CTD Winch (0.322EM)	Yes CTD's contingency
CTD Equipment	Same as Tivey Contingency Sci to provide requirements
Hydro Winch (0.25'M)	
Portable Winches	Portable Dynacon to be loaded in Papeete No SLT
Navigation	GP 90 D
Dynamic Positioning	Yes
Multibeam Sonar	Yes Port to work area , survey before J II deployment
ADCP	Normal
Doppler Sonar	
PDR (3.5kHz, 12kHz)	
Magnetometer	transit
Gravity	normal
IMET	normal
XBT	normal
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	no
Air Compressor Vans	
Coring (Gravity, Piston, Multi, etc.)	no
Explosives	no
Containers/Vans	4 JASON Vans + 2 empty May leave in Suva
Electrical, Special Requirements	
Foreign Shipments	Incoming 4 X 4 X 3.5 Desire to leave samples to aboard to Hawaii
Isotopes	Check before departure
Hazmat (chemicals, lithium batteries, etc.)	Formalin 10 l., EtOH 10 l. Gluteraldehyde 500 cc. Sandy O'Brien to investigate shipping of waste from Fiji.
Hazmat response issues	
Laser	JASON Range finders
Freezers/Reefers	-80°C Woody are isotope van freezers coming??
SIO Technicians	CT/RT
Data Processing	
Communications	
Clearances	Tonga, Fiji

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Additional Notes

1. Darkroom for microscope work- sink bench, 2 computer tables
2. CTD ODF have requirements? See above
3. JASON II Location of control and other vans? Winch deck
4. JASON Personnel (Review forms and info required from JASON group personnel before cruise.
5. JASON HAZMAT
6. Van Dover use sink in aft hanger – solves Formalin issue
7. Sites being identified Sci to provide
8. Transponders to be deployed – recovered.
9. ShipSked to work ports with Sci

NOTE; Ports need to be determined by science program so dates can be set.

NOTE: Tivey, Vrijenhoek, Van Dover, Childress will all load equipment and HAZMAT in San Diego. Final determination of what can be loaded will be made after information received.