

SOMTS pre-cruise meeting notes

PRE-CRUISE PLANNING & CHECKLIST

General Info

Meeting date	2010-01-11, Mon
Ship	Melville
Cruise Name	MV1006
Cruise Start Date	2010-05-17, Mon
Cruise End Date	2010-06-18, Fri
Load Start Date	2010-05-15, Sat
Load End Date	2010-05-17, Mon
Off-load Start Date	2010-06-18, Fri
Off-load End Date	2010-06-19, Sat
Chief Scientist	Harpp
Start Port	Puerto Caldera, Costa Rica
Intermediate Ports	Galapagos
End Port	Puerto Caldera, Costa Rica
# of Scientific Participants	~24 + SIO Techs (2 rt, 1 ct, 1 multibeam tech)

Equipment Requirements

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24 HOUR OPERATIONS ?	Yes
Trawl Winch (9/16”M, 0.680EM)	9/16 for dredging on starboard side
CTD Winch (0.322EM)	yes
CTD Equipment	ctd frame only, no ctd or bottles
Hydro Winch (0.25’M)	no
Portable Winches	hmrp
Navigation	standard
Dynamic Positioning	yes
Multibeam Sonar	yes, extensive
ADCP	yes
Doppler Sonar	n/a
PDR (3.5kHz, 12kHz)	yes, 3.5kHz sub-bottom profiles, pingers, epc plotter
Magnetometer	yes for geophysical surveys
Gravity	essential
IMET	yes
XBT	for multibeam
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	no

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Air Compressor Vans	no
Coring (Gravity, Piston, Multi, etc.)	no
Explosives	no
Containers/Vans	yes hmrgr, lrs
Electrical, Special Requirements	440 Volt, 72amps
Foreign Shipments	yes
Isotopes	no
Hazmat (chemicals, lithium batteries.) Battery Specialties ??	no
Hazmat response issues	no
Laser	yes, notify deck if testing
Freezers/Reefers	yes for biological samples from dredges
SIO Technicians	2 mt, 1 multibeam tech, 1 ct
Data Processing	multibeam
Communications	standard
Clearances	Ecuadorian
Internet Requirements	standard

Additional Notes

1. HMRG to find out from Kongsberg how to sync MR1 to em122
2. science needs 24-bottle ctd frame sans bottles
3. HMRG LRS will be placed under A-frame (MarFac confirm strength of platform above trawl ramp)
4. dredging will be conducted from starboard side a-frame
5. wire baskets for dredge samples?
6. extra ink and paper for hp1055 large format plotter
7. closed-toe or steel-toe boots required on deck
8. STS to send format of gravity & maggie data to Fornari
9. STS to send picture of CTD frame to Fornari so he can be ready to use it
10. Fornari will use transit time at end of cruise to restore CTD frame to STS configuration
11. Fornari will work with Landry regarding shipping samples back to SAN on board
12. Harpp to instruct scientists how to contact agent in order to locate/contact ship in port
13. Specifications of HMRG MR1 online at <http://www.soest.hawaii.edu/HMRG/MR1/>
14. HMRG to contact agent regarding possibility of 40-foot container handling in Puerto Caldera
15. Warning: continuous berth during on/offload not guaranteed (Puerto Caldera port captain decides)