

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	ROGER REVELLE
Cruise	GREGG
Dates	12-29 August 2006
Loading Date(s)	11 August 2006 (San Francisco)
Off-loading Date(s)	30 August 2006 (San Diego)
Chief Scientist	Michael Gregg (UW/APL)
Start Port	San Francisco
Intermediate Ports	
End Port	San Diego
# of Scientific Participants	9 + 2 SIO Techs

Equipment Requirements

24 HOUR OPERATIONS ?	NO
Trawl Winch (9/16"M, 0.680EM)	No
CTD Winch (0.322EM)	BACKUP
CTD Equipment	
Hydro Winch (0.25'M)	NO
Portable Winches	Science provide
Navigation	GP90-D
Dynamic Positioning	Available
Multibeam Sonar	NO system off
ADCP	Backup
Doppler Sonar	YES
PDR (3.5kHz, 12kHz)	Remote readout in main lab
Magnetometer	NO
Gravity	N/A
IMET	Yes normal
XBT	NO
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	NO
Air Compressor Vans	NO
Coring (Gravity, Piston, Multi, etc.)	NO
Explosives	NO
Containers/Vans	Storage
Electrical, Special Requirements	120 vAC 15 amp CCTV at winch provided by Science
Foreign Shipments	NO
Isotopes	NO
Hazmat (chemicals, lithium batteries, etc.)	Lithium batteries (sci. party to transport used batteries back to Seattle for disposal)
Hazmat response issues	
Laser	NO
Freezers/Reefers	No
SIO Technicians	RT/TC
Data Processing	Normal
Communications	Cellular, normal
Clearances	NO

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Additional Notes

1. Melville is optimum for this work since it has two transducer wells suitable for installation of our 150kHz BBADCP & Biosonics transducer and it has Z-drives to make it possible for us to take data with our profilers while running track lines at 1-2 knots.
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