

Title: Pre-Cruise Meeting; Planning & Checklist	Chief Scientist: SLOWEY	Ship: MELVILLE	Date of Meeting: JULY 26, 02
	Cruise Name:	Prepared By: ALTHOUSE	Page: Page 1 of 2

General Info

Ship	MELVILLE
Cruise	
Dates	28 MAR - 14 MAY 02
Chief Scientist	NIALL SLOWEY
Start Port	CAPETOWN
Intermediate Ports	
End Port	CAPETOWN
# of Scientific Participants	16 (+ SIO AND CORING TECHS??)

Equipment Requirements

24 HOUR OPERATIONS ?	Yes
Trawl Winch (9/16" M, 0.680EM)	YES PISTON CORING generally 500 – 1400 meters
CTD Winch (0.322EM)	Requires portable winch while PCing TBD
CTD Equipment	TBD
Hydro Winch (0.25'M)	YES GRAVITY CORES
Portable Winches	If CTD ops are included
Navigation	GPS
Dynamic Positioning	YES
Multibeam Sonar	YES
ADCP	
Doppler Sonar	
PDR (3.5kHz, 12kHz)	YES 3.5KHz SEG Y format//Possible towed chirp system
Magnetometer	
Gravity	
IMET	
XBT	
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	
Air Compressor Vans	
Coring (Gravity, Piston, Multi, etc.)	20 METER PISTON CORES, GRAVITY CORES, Multi Cores
Explosives	
Containers/Vans	POSSIBLY WITH CORING GEAR
Electrical, Special Requirements	
Foreign Shipments	Capetown
Isotopes	
Hazmat (chemicals, lithium batteries, etc.)	Core logger TAMU?? Main Lab
Hazmat response issues	
Laser	
Freezers/Reefers	
SIO Technicians	CT/RT + 1 add'l
Data Processing	Multi-beam and Seismic processing on board Sci Party
Communications	
Clearances	SOUTH AFRICA, NAMIBIA

Additional Notes

1. Original plan was to use WHOI gear, TAMU may build own or ask OSU.
2. Need to move A-frame for 20m cores, -- Yes in Capetown