

PRE-CRUISE PLANNING & CHECKLIST

General Info

Ship	REVELLE
Cruise	DIMES
Dates	10 Jan -24 Feb
Loading Date(s)	5 – 9 Jan
Off-loading Date(s)	25 – 27 Feb
Chief Scientist	JIM LEDWELL
Start Port	PUNTA ARENAS
Intermediate Ports	
End Port	PUNTA ARENAS
# of Scientific Participants	~10 + SIO Techs

Equipment Requirements

24 HOUR OPERATIONS ?	Some days each phase, Sci to cover hrs when tech resting
Trawl Winch (9/16”M, 0.680EM)	NO
CTD Winch (0.322EM)	CTD sci provide frame/LADCP, SIO CTD and Pylon. Altimeter, O2
CTD Equipment	As above
Hydro Winch (0.25’M)	Set up as CTD
Portable Winches	TSE Mooring, SeaMac for depressor
Navigation	GP 90 D
Dynamic Positioning	Available
Multibeam Sonar	Normal outside Chile EEZ
ADCP	Normal
Doppler Sonar	Normal
PDR (3.5kHz, 12kHz)	Normal
Magnetometer	NO
Gravity	Normal
IMET	Normal
XBT	Sound velocity from sled, Sci provide SIO launcher
Seismics (Air/Water Guns, Hydrophone Streamers, etc.)	NO
Air Compressor Vans	NO
Coring (Gravity, Piston, Multi, etc.)	NO
Explosives	NO
Containers/Vans	None
Electrical, Special Requirements	Require walk in at 5 deg C
Foreign Shipments	PA
Isotopes	No
Hazmat (chemicals, lithium batteries, etc.)	N2, Tracer, Std cylinders Total 10, Lithium batteries in floats
Hazmat response issues	None special
Laser	No
Freezers/Reefers	Walkin Reefer @4 deg C
SIO Technicians	MT, CT
Data Processing	Data transfer on SIS
Communications	Satellite images 1 MB, Satellite shift will be required. Jon M investigate.
Clearances	None
INTERNET Rqmts	See Comms

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Additional Notes

1. Load everything in PA
2. CTD winch controlled by science system.