

***** STS CTD EQUIPMENT REQUEST *****08NHgoldstein****

PI/Chief Scientist: Miriam Goldstein
Graduate Student, Integrative Oceanography Division
Scripps Institution of Oceanography, UCSD
9500 Gilman Drive, Mailbox 0208
La Jolla, CA 92093-0208
email: mgoldstein@ucsd.edu
phone: 858-822-2724 (o) 401-258-3900 (c)

SIO CRUISE # DESIGNATION: NH0908

SHIP: NEW HORIZON

DATES: 9 August 2009 - 21 August 2009

PORTS: San Diego to Newport, OR

STS/ODF-/SEG-RT PERSONNEL REQUIRED: No: 1 Research Technician

Casts: Approximately 5-7, 500 m in 4000m, during an intensive sampling phase in the middle of the cruise.

May also be performing casts once per day during transit to sampling site.

Equipment Required:

CTD SBE system with acquisition computer, Sea-Bird programs:

Sea-Bird SEASAVE for Windows

Sea-Bird Data Processing programs Windows based.

Sea-Bird Data Processing Manual

Sea-Bird Data Acquisition Manual

Current calibrations entered into the *.con file.

Calibration sheets, copy, and pdf files

Calibrations, temperature and conductivity are performed ~4 months

Calibrations, pressure performed ~once a year and oxygen ~6 months.

Computer with keyboard/mouse/color monitor

1 each	CTD, Sea-Bird	911plus	09P52161-0914
	w/Pressure sensor	401K-105	110547
3 each	Temperature Sensor, Sea-Bird	SBE3Plus	034308
	Temperature Sensor, Sea-Bird	SBE3Plus	034213
	Temperature Sensor, Sea-Bird	SBE3Plus	034226
3 each	Conductivity Sensor, Sea-Bird	SBE4C	042319
	Conductivity Sensor, Sea-Bird	SBE4C	042112
	Conductivity Sensor, Sea-Bird	SBE4C	042819
3 each	Pump, Sea-Bird	SBE5T	053343
	Pump, Sea-Bird	SBE5T	053376
	Pump, Sea-Bird	SBE5T	053626
1 each	Deck Unit, Sea-Bird, V.2	SBE11	11P41717-0726
1 each	Carousel, SeaBird 24-Place Pylon	SBE32	3234939-0487
1 each	Altimeter, Benthos	916D	41832
2 each	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2958
	Fluorometer, Seapoint, 6km	Chlorophyll	SCF3004
1 each	Transmissometer, WetLabs, 25cm	CSTAR	CST-493DR
1 each	Oxygen Sensor	SBE43	431508
2 each	Adaptors for MCIL cable		

ROSETTES:

1 each 12 place rosette frame, yellow

14 each 10 liter bottles (2 spares)

lanyard material, hose clamps, o-rings

Nitrile (Buna-n) o-rings are installed on the bottles.

Lead weights & hardware for rosette

FORMS: CTD Station Sheets

Additional Information:

SEE: <http://shipsked.ucsd.edu>

Shipping Details (Approx.Dates,etc.): Return TBD

Be advised sensor serial numbers may differ.
STS CTD has the wet pluggable MCBH-6 connectors.

Taken by: email, 06/03/09 Request by: K. Sanborn, 06/05/09

Copies to: Sutherland/Ayers/Durkin/Files(Administration);
Oceanographic Data Facility (all-at-odf@sts.ucsd.edu);
Swift; Requestor/PI;
Research Technicians-Marine and Electronics (restech@ucsd.edu);
Ship Scheduling (shipsked@ucsd.edu);
Captain Tom Althouse (talthouse@ucsd.edu);
Master RV NEW HORIZON (master@rv-newhorizon.ucsd.edu)

** Notify Robert Thombly or Kristin Sanborn of additions or changes.

All other requests should be directed to Research Technicians.

email: ksanborn@ucsd.edu Telephone: (858) 534-1903
rthombly@ucsd.edu (858) 534-1907