

***** STS/ODF CTD EQUIPMENT REQUEST **NH0908peterson_baptista****

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SHIP: NEW HORIZON

SIO CRUISE DESIGNATION: NH0910

DATES: 29 August 2009 - 11 September 2009

PORTS: Newport to Newport

LOADING: Ship leaves San Diego 9 August

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

Casts:

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	043399
	Conductivity Sensor, Sea-Bird	SBE4C	043207
	Conductivity Sensor, Sea-Bird	SBE4C	043058
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	3229197-0417
1 each	Altimeter, Benthos	916D	41832
1 each	Par sensor	QSP-200L	4506
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

ROSETTE:

1 each 24-place rosette

26 each bottle (10 liter) and 2 spares.

lanyard material, hose clamps, o-rings

Silicone o-rings are installed on the bottles.

NOTES:

CTD will be used in fresh water and request that it be set up similar to the May Crump/Baptista expedition.

email dated 6/08/2009 Tawnya Peterson:

I don't believe that we will be bringing an OBS.

Additional Information:

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

Shipping Details (Approx.Dates,etc.):

Be advised sensor serial numbers may differ.

Taken by: email, 06/08/2009 Request by: K. Sanborn, 06/23/2009

Copies to: Sutherland/Durkin/Files(Administration);
Oceanographic Data Facility (all-at-odf@sts.ucsd.edu);
Swift; Requestor/PI
Research Technicians-Marine & Electronics (restech@ucsd.edu);
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** Notify John Calderwood or Kristin Sanborn of additions or changes.

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