

***** STS/ODF-/SEG EQUIPMENT REQUEST *****07NH.checkley*****

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Jessica Forrest-Baldini
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SHIP: NEW HORIZON STS CTD POC: Robert Thombley
SIO CRUISE ID: NH1008
DATES: 8 July 2010 to 25 July 2010
PORTS: San Diego to San Diego

STS/RT PERSONNEL REQUIRED: 2 Research Technician-Marine & Electronics

Casts:??

Equipment Required:

CTD SBE system with acquisition computer, SeaBird 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 and oxygen performed ~once a year

Computer with keyboard/mouse/color monitor

1 each	CTD, Sea-Bird	911plus	09P21561-0569
	w/Pressure sensor	401K-105	75672
	sensors included:		
3 each	Temperature Sensor, Sea-Bird	SBE3Plus	034308
	Temperature Sensor, Sea-Bird	SBE3Plus	034476
	Temperature Sensor, Sea-Bird	SBE3Plus	034486
3 each	Conductivity Sensor, Sea-Bird	SBE4C	042319
	Conductivity Sensor, Sea-Bird	SBE4C	041880
	Conductivity Sensor, Sea-Bird	SBE4C	043176
2 each	Oxygen sensor, Sea-Bird	SBE43	430255
	Oxygen sensor, Sea-Bird	SBE43	431071
3 each	Pump, Sea-Bird	SBE5T	051409
	Pump, Sea-Bird	SBE5T	052559
	Pump, Sea-Bird	SBE5T	054160
1 each	Deck Unit, Sea-Bird, V.2	SBE11	11P41717-0726
1 each	Altimeter, Benthos, 1-99.9m	PSA-916D	1055
1 each	Carousel, Sea-Bird Pylon 24-place	SBE32	3239801-0527
2 each	Fluorometer, Seapoint, 6km	Chlorophyll	SCF3004
	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2748
1 each	Transmissometer, Wetlabs, 25cm	CSTAR	CST-1094DR
	Transmissometer, Wetlabs, 25cm	CSTAR	CST-492DR
2 each	Adaptors for MCIL cable (Fluorometer and Altimeter)		
1 each	CTD cable spares kit		

ROSETTE:

1 each 12/24 place rosette

14 each bottle (10 liter) includes 2 spares.

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

SAMPLES FOR SHORE ANALYSIS, INDEX #IOD19DC

100 each nutrient sampling tubes

10 each oxygen samples (Pickling rig and reagents, O2 flasks)

1 each MOCNESS System

4/20/2010 Email indicated a Underwater Video Profiler (UVP-5) may be attached to the rosette. Correspondence forwarded to Research Technicians Electronics and Marine.

Additional Information:

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

Shipping Details (Approx.Dates,etc.): N/A

Be advised serial numbers may differ with actual setup.

STS CTD has the wet pluggable MCBH-6 connectors.

Taken by: Email, 20 April 2010 Request by: K. Sanborn, 4 June 2010

Copies to: Sutherland/Durkin/Joyce/Lockhart/Files(Administration);

Oceanographic Data Facility (all-at-odf@sts.ucsd.edu);

Swift; Requestor/PI;

Research Technicians-Marine & Electronics (restech@ucsd.edu);

Ship Scheduling (shipsked@ucsd.edu);

Master NEW HORIZON (master@rv-newhorizon.ucsd.edu);

Captain Zoltan Kelety (zkelety@ucsd.edu)

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

All other requests should be directed to Research Technicians.

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