

***** STS/ODF-/SEG CTD EQUIPMENT REQUEST ****06RRlien****

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SHIP: REVELLE

SIO CRUISE ID: RR1007

DATES: 1 June - 11 June 2010

PORT(s): Kao-hsiung - Kao-hsiung, Taiwan

STS/ODF-/RT PERSONNEL REQUIRED: No: 2 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, conductivity and oxygen were performed November.

Calibrations, pressure performed -once a year.

Computer with keyboard/mouse/color monitor

2 each	CTD, Sea-Bird	911plus	09P11599-0401
	w/Pressure sensor	401K-105	59916
	CTD, Sea-Bird	911plus	09P41717-0831
	w/Pressure sensor	401K-105	99677
	sensors included:		
4 each	Temperature Sensor, Sea-Bird	SBE3Plus	32202
	Temperature Sensor, Sea-Bird	SBE3Plus	32309
	Temperature Sensor, Sea-Bird	SBE3Plus	32322
	Temperature Sensor, Sea-Bird	SBE3Plus	34138
4 each	Conductivity Sensor, Sea-Bird	SBE4C	42593
	Conductivity Sensor, Sea-Bird	SBE4C	42766
	Conductivity Sensor, Sea-Bird	SBE4C	42818
	Conductivity Sensor, Sea-Bird	SBE4C	43023
4 each	Pump, Sea-Bird	SBE5T	54374
	Pump, Sea-Bird	SBE5T	51781
	Pump, Sea-Bird	SBE5T	51864
	Pump, Sea-Bird	SBE5T	53334
2 each	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	1184
	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	45531
2 each	Deck Unit, Sea-Bird, V.2	SBE11	0384
	Deck Unit, Sea-Bird, V.2	SBE11	11P41717-0727
2 each	Adaptors for MCIL cable		
2 each	Oxygen Sensor	SBE43	430060
	Oxygen Sensor	SBE43	430185
2 each	Fluorometer, Wetlabs	Chlorophyll	FLRT-1156
	Fluorometer, Seapoint, 6km	Chlorophyll	SCF3003
2 each	Transmissometer, WetLabs, 25c	CSTAR	CST-1176DR
	Transmissometer, WetLabs, 25c	CSTAR	CST-1189DR
2 each	PAR Sensor, Biospherical, 2km	QSP-2300	4643
	PAR Sensor, Biospherical, 1km	QSP-200L	4541
	PAR Sensor, Surface		6369

ROSETTES ON BOARD and used as additional weight

NO WATER SAMPLES, CAROUSEL AND BOTTLES SHOULD BE REMOVED FROM ROSETTE FRAME

1 each 12-place rosette, yellow

14 each 10 liter bottles, includes 2 spares
lanyard material, hose clamps, o-rings

Lead weights & hardware for rosette
Nitrile (Buna-n) o-rings are installed on the bottles.
2 each Carousel, Sea-Bird, 24-place SBE32 3231807-0456
Carousel, Sea-Bird, 24-place SBE32 0417
BACKUP ROSETTE:
1 each 24-place rosette, yellow

Additional Information:

SEE: <http://shipsked.ucsd.edu>
Second CTD on board as backup from previous and for subsequent expeditions.
Shipping Details (Approx.Dates,etc.): N/A
Equipment on board from previous expedition
Be advised serial numbers may differ with actual setup.
SIO/STS CTD has the wet pluggable MCBH-6 connectors.

Taken by: Pre-Cruise, email 21 April 2010
Request by: K. Sanborn, 21 April 2010
Copies to: Sutherland/Durkin/Joyce/Lockhart/Files(Administration);
Oceanographic Data Facility (all-at-odf@sts.ucsd.edu);
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** Notify Meghan Donohue or Kristin Sanborn of additions or changes.

All other requests should be directed to Research Technicians.
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