

\*\*\*\*\* STS/ODF-/SEG EQUIPMENT REQUEST \*\*\*\*\*03RRlien\*\*\*\*\*

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 SIO CRUISE ID: RR1004  
 DATES: 21 March - 1 April 2010  
 PORT(s): Kao-hsiung - Kao-hsiung, Taiwan

STS/ODF-/SEG-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 and conductivity are performed ~4 months

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

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
BACKUP	Temperature Sensor, Sea-Bird	SBE3Plus	32322
BACKUP	Temperature Sensor, Sea-Bird	SBE3Plus	34138
4 each	Conductivity Sensor, Sea-Bird	SBE4C	42593
	Conductivity Sensor, Sea-Bird	SBE4C	42766
BACKUP	Conductivity Sensor, Sea-Bird	SBE4C	42818
BACKUP	Conductivity Sensor, Sea-Bird	SBE4C	43023
4 each	Pump, Sea-Bird	SBE5T	54374
	Pump, Sea-Bird	SBE5T	51781
BACKUP	Pump, Sea-Bird	SBE5T	51864
BACKUP	Pump, Sea-Bird	SBE5T	53334
2 each	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	1184
BACKUP	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	0727
2 each	Adaptors for MCIL cable		
2 each	Oxygen Sensor	SBE43	430060
BACKUP	Oxygen Sensor	SBE43	430185
2 each	Fluorometer, Wetlabs	Chlorophyll	FLRT-1156
BACKUP	Fluorometer, Seapoint, 6km	Chlorophyll	SCF3003
2 each	Carousel, Sea-Bird, 24-place	SBE32	3231807-0456
	Carousel, Sea-Bird, 24-place	SBE32	0417
2 each	Transmissometer, WetLabs, 25c	CSTAR	CST-1176DR
BACKUP	Transmissometer, WetLabs, 25c	CSTAR	CST-1189DR
2 each	PAR Sensor, Biospherical, 2km	QSP-2300	4643 Air
	PAR Sensor, Biospherical, 1km	QSP-200L	4541 Air
	PAR Sensor, Surface		6369
1 each	24-place rosette, yellow		
24 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.

BACKUP ROSETTE:

1 each 12-place rosette, yellow

12 each 10 liter bottles

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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.

AIR SHIP PAR SENSORS AND CABLES

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Taken by: Email, 4 Dec 2009 Request by: K. Sanborn, 22 Feb 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)

REVELLE Captain (master@rv-revelle.ucsd.edu)

Captain Zolton 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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