

+REVISION 6 July 2009 - use of 24place rosette, DO, fluorometer, PAR

***** STS/ODF-/SEG EQUIPMENT REQUEST *****09RRlien*****

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SHIP: REVELLE

SIO SHIP DESIGNATION: RR0911

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DATES: 19 September - 9 October 2009

PORT(s): Chi-Lung - Kao-hsiung

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

2 each	CTD, Sea-Bird	911plus	09P21561-0569
	w/ Pressure sensor	401K-105	75672
BACKUP	CTD, Sea-Bird	911plus	09P9852-0381
	w/ Pressure sensor	401K-105	58952
	sensors included:		
4 each	Temperature Sensor, Sea-Bird	SBE3Plus	32166
	Temperature Sensor, Sea-Bird	SBE3Plus	34209
BACKUP	Temperature Sensor, Sea-Bird	SBE3Plus	34588
BACKUP	Temperature Sensor, Sea-Bird	SBE3Plus	34924
4 each	Conductivity Sensor, Sea-Bird	SBE4C	42115
	Conductivity Sensor, Sea-Bird	SBE4C	43176
BACKUP	Conductivity Sensor, Sea-Bird	SBE4C	43215
BACKUP	Conductivity Sensor, Sea-Bird	SBE4C	43429
4 each	Pump, Sea-Bird	SBE5T	54128
	Pump, Sea-Bird	SBE5T	52567
BACKUP	Pump, Sea-Bird	SBE5T	51799
BACKUP	Pump, Sea-Bird	SBE5T	51409
2 each	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	1182
BACKUP	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	1183
2 each	Deck Unit, Sea-Bird, V.2	SBE11	11P31807-0654
	Deck Unit, Sea-Bird, V.2	SBE11	11P9852-0366
2 each	Adaptors for MCIL cable		
+2 each	Oxygen Sensor	SBE43	430848
+BACKUP	Oxygen Sensor	SBE43	431138
+2 each	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2964
+BACKUP	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2775
+	Carousel, Sea-Bird, 24-place	SBE32	3239801-0527
+2 each	Transmissometer, WetLabs, 25cm	CSTAR	CST-492DR
+BACKUP	Transmissometer, WetLabs, 25cm	CSTAR	CST-1094DR
+1 each	PAR Sensor, Biospherical, 2km	QSP-2300	4643

+1 each 24-place rosette, yellow
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
14 each 10 liter bottles, includes 2 spares
1 each Carousel, Sea-Bird, 12-Place SBE32 3223219-0319

Additional Information:

SEE: <http://shipsked.ucsd.edu>
SIO/STS CTD has the wet pluggable MCBH-6 connectors.
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.

Taken by: Pre-Cruise Request by: K. Sanborn, 3 July 2009

Copies to: Sutherland/Durkin/Files(Administration);
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** Notify John Calderwood or Kristin Sanborn of additions or changes.

All other requests should be directed to Research Technicians.

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