

***** STS/ODF-/SEG EQUIPMENT REQUEST**09RR-4gawarkiewicz_lee*

Chief Scientist: Dr. Craig M. Lee/UW_APL

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SHIP: REVELLE

SIO SHIP DESIGNATION: RR0909

QPE Project:

DATES:

Chief Scientist:

3-Aug-09 9-Aug-09

Dr. Ren-Chieh Lien/UW_APL 206-685-1079 lien@apl.washington.edu

13-Aug-09 21-Aug-09

Dr. Luca R. Centurioni/SIO 858-534-6182 lcenturioni@ucsd.edu

23-Aug-09 7-Sep-09

Dr. Thomas B. Sanford/UW_APL 206-543-1365 sanford@apl.washington.edu

---> 8-Sep-09 11-Sep-09

--->Dr. Craig M. Lee/UW_APL 206-685-7656 craig@apl.washington.edu

--->(CTD setup same as May)

12-Sep-09 16-Sep-09

Dr. Ren-Chieh Lien/UW_APL 206-685-1079 lien@apl.washington.edu

PORT(s): Chi-Lung, Taiwan Chi-Lung

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

Casts: Similar to May expedition

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	Transmissometer, WetLabs, 25cm	CSTAR	CST-492DR
BACKUP	Transmissometer, WetLabs, 25cm	CSTAR	CST-1094DR
2 each	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2964
BACKUP	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2775
2 each	Oxygen Sensor	SBE43	430848
BACKUP	Oxygen Sensor	SBE43	431138
2 each	Adaptors for MCIL cable		
1 each	12-place rosette, yellow		
14 each	10 liter bottles, includes 2 spares		
1 each	Carousel, Sea-Bird, 12-Place	SBE32	3223219-0319
BACKUP	Carousel, Sea-Bird, 24-place	SBE32	3239801-0527
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.

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: May 2009 setup Request by: K. Sanborn, 3 July 2009
Copies to: Sutherland/Durkin/Files(Administration);
Oceanographic Data Facility (all-at-odf@sts.ucsd.edu);
Swift; Requestor/PI
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Ship Scheduling (shipsked@ucsd.edu)
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Captain Zolton Kelety (zkelety@ucsd.edu)
** Notify John Calderwood or Kristin Sanborn of additions or changes.
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