

\*\*\*\*\* STS/ODF-/SEG EQUIPMENT REQUEST \*\*\*\*08RR-1gawarkiewicz\_lien\*\*\*\*\*

Chief Scientist: Dr. Ren-Chieh Lien

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P.I. Name: Glen Gawarkiewicz/WHOI

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SHIP: REVELLE

SIO SHIP DESIGNATION: RR0906

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

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STS/ODF-/SEG-RT PERSONNEL REQUIRED: No: 2 Research Technician

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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

OB=On Board

2 each	CTD, Sea-Bird	911plus	09P21561-0569	OB
	w/ Pressure sensor	401K-105	75672	OB
BACKUP	CTD, Sea-Bird	911plus	09P9852-0381	OB
	w/ Pressure sensor	401K-105	58952	OB
	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	OB
	Pump, Sea-Bird	SBE5T	52567	OB
BACKUP	Pump, Sea-Bird	SBE5T	51799	OB
BACKUP	Pump, Sea-Bird	SBE5T	51409	OB
2 each	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	1182	OB
BACKUP	Altimeter, Benthos (1-99.9M, 6km)	PSA-916D	1183	OB
2 each	Deck Unit, Sea-Bird, V.2	SBE11	11P31807-0654	OB

	Deck Unit, Sea-Bird, V.2	SBE11	11P9852-0366	OB
2 each	Adaptors for MCIL cable			
NOT REQUESTED, DO NOT NEED ON BOARD FROM PREVIOUS EXPEDITIONS:				
2 each	Transmissometer, WetLabs, 25cm	CSTAR	CST-492DR	OB
BACKUP	Transmissometer, WetLabs, 25cm	CSTAR	CST-1094DR	OB
2 each	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2964	OB
BACKUP	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2775	OB
2 each	Oxygen Sensor	SBE43	430848	
BACKUP	Oxygen Sensor	SBE43	431138	
1 each	12-place rosette, yellow			OB
14 each	10 liter bottles, includes 2 spares			OB
1 each	Carousel, Sea-Bird, 12-Place	SBE32	3223219-0319	OB
BACKUP	Carousel, Sea-Bird, 24-place	SBE32	3239801-0527	OB
1 each	24-place rosette, yellow			OB
	lanyard material, hose clamps, o-rings			
	Lead weights & hardware for rosette			
	Nitrile (Buna-n) o-rings are installed on the bottles.			

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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.): TBA  
Be advised serial numbers may differ with actual setup.

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Taken by: Pre-Cruise 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  
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 John Calderwood or Kristin Sanborn of additions or changes.

All other requests should be directed to Research Technicians.

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