

***** STS/ODF-/SEG EQUIPMENT REQUEST ****05MVlee*****

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 SHIP: MELVILLE STS/ODF-/SEG POC: Carl Mattson
 DATES: 20 May 2009 - 26 May 2009
 PORTS: Keelung, Taiwan - Keelung, Taiwan

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

Casts: Not primary part of program, but will want some water samples.

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

IBM

2 each	CTD, Sea-Bird	911plus	09P9852-0381
	w/ Pressure sensor	401K-105	58952
BACKUP	CTD, Sea-Bird	911plus	09P21561-0569
	w/ Pressure sensor	401K-105	75672
	sensors included:		
4 each	Temperature Sensor, Sea-Bird	SBE3Plus	32202
	Temperature Sensor, Sea-Bird	SBE3Plus	32039
BACKUP	Temperature Sensor, Sea-Bird	SBE3Plus	32322
BACKUP	Temperature Sensor, Sea-Bird	SBE3Plus	34138
4 each	Conductivity Sensor, Sea-Bird	SBE4C	42659
	Conductivity Sensor, Sea-Bird	SBE4C	42818
BACKUP	Conductivity Sensor, Sea-Bird	SBE4C	43023
BACKUP	Conductivity Sensor, Sea-Bird	SBE4C	41919
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	Transmissometer, WetLabs, 25cm	CSTAR	CST-492DR
BACKUP	Transmissometer, WetLabs, 25cm	CSTAR	CST-1094DR
1 each	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2964
BACKUP	Fluorometer, Seapoint, 6km	Chlorophyll	SCF2775
2 each	Oxygen Sensor	SBE43	430197
BACKUP	Oxygen Sensor	SBE43	430275
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		
1 each	12-place rosette, Orange		
14 each	10 liter bottles, includes 2 spares		
1 each	Carousel, Sea-Bird, 24-Place	SBE32	3231807-0456
BACKUP	Carousel, Sea-Bird, 24-place	SBE32	3239801-0527
BACKUP:			

1 each 24-place rosette, orange
14 each 10 liter bottles

Additional Information:

SEE: <http://shipsked.ucsd.edu>

Science party has been informed CTD has the wet pluggable MCBH-6 connectors.
Second CTD on board as backup from previous and for subsequent expeditions.

Installed on U/W system:

 Oxygen Sensor, Sea-Bird SBE 43

 TSG

 FL

 Par Sensor, Surface, Biospherical QSR-240

Shipping Details (Approx.Dates,etc.):

Equipment on board from previous expedition

GROUND:

AIR:

Taken by: Pre-Cruise and 2008 setup

Request by: K. Sanborn, 12/15/08

Copies to: Sutherland/Ayers/Durkin/Files(Administration);
 Oceanographic Data Facility (all-at-odf@odf.ucsd.edu);
 Swift; Requestor/PI
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** Notify Carl Mattson or Kristin Sanborn of additions or changes.

All other requests should be directed to Research Technicians.

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