

***** STS/ODF-/SEG EQUIPMENT REQUEST ****03MVworcester****

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 SHIP: MELVILLE STS/ODF-/SEG POC: Carl Mattson
 DATES: 31 March - 9 April 2009
 PORT(s): Kao-hsiung - Kao-hsiung

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

Casts: 1-2; 2000 m (bottom depth approximately 2062 m); ~100 m above bottom

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

ON BOARD FROM PREVIOUS EXPEDITION:

1 each	CTD, Sea-Bird	911plus	09P21561-0569
	w/Pressure sensor	401K-105	75672
	sensors included:		
2 each	Temperature Sensor, Sea-Bird	SBE3Plus	32322
	Temperature Sensor, Sea-Bird	SBE3Plus	34138
2 each	Conductivity Sensor, Sea-Bird	SBE4C	043215
	Conductivity Sensor, Sea-Bird	SBE4C	043176
	Conductivity Sensor, Sea-Bird	SBE4C	042765
2 each	Pump, Sea-Bird	SBE5T	053376
	Pump, Sea-Bird	SBE5T	054890
	Pump, Sea-Bird	SBE5T	051864
2 each	Deck Unit, Sea-Bird, V.2	SBE11	11P31807-0654
	Deck Unit, Sea-Bird, V.2	SBE11	11P9852-0366
1 each	Altimeter, Benthos, 1-99.9 m	PSA-916D	1182
2 each	Adaptors for MCIL cable		

NOT REQUESTED, DO NOT NEED:

1 each	12-place rosette, Orange		
2 each	Carousel, Sea-Bird, 24-Place	SBE-32	3231807-0456
	Carousel, Sea-Bird, 24-place	SBE32	3239801-0527
14 each	10 liter bottle, includes 2 spares		
	lanyard material, hose clamps, o-rings		
	Lead weights & hardware for rosette		
	Nitrile (Buna-n) o-rings are installed on the bottles.		

1 each Fluorometer, Seapoint Chlorophyll
1 each Transmissometer, WetLabs, 25cm CSTAR
1 each Oxygen sensor, Sea-Bird SBE43

Additional Information:

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

Shipping Details (Approx.Dates,etc.): N/A

Be advised serial numbers may differ with actual setup.

Second CTD/sensors on board as backup for current, previous and subsequent expeditions.

Taken by: Email Request by: K. Sanborn, 20 November 2008

Copies to: Sutherland/Ayers/Durkin/Files(Administration);
Oceanographic Data Facility (all-at-odf@odf.ucsd.edu);
Swift; Requestor/PI
Shipboard Electronics Group (restech@ucsd.edu);
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All other requests should be directed to Research Technicians.

** Notify Carl Mattson or Kristin Sanborn of additions or changes.

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