

\*\*\*\*\* STS/ODF-/SEG EQUIPMENT REQUEST \*\*\*\*04MV.mercer\*\*\*\*\*

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 SHIP: MELVILLE  
 DATES: 14 April 2009 - 3 May 2009  
 PORTS: Kao-hsiung, Taiwan - Kao-hsiung, Taiwan

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 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, ON BOARD FROM PREVIOUS AND SUBSEQUENT EXPEDITIONS:

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>

Be advised serial numbers may differ with actual setup.

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

Installed on U/W system:

Oxygen Sensor, Sea-Bird SBE 43

TSG  
FL WS3S-797P  
Par Sensor, Surface, Biospherical QSR-240

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Taken by: Pre-cruise Request by: K. Sanborn  
Copies to: Sutherland/Ayers/Durkin/Files(Administration);  
Oceanographic Data Facility (all-at-odf@odf.ucsd.edu);  
Swift; Requestor/PI  
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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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