

\*\*\*\*\* STS/ODF-/SEG EQUIPMENT REQUEST \*\*\*\*\*01RRcorbett\*\*\*\*\*  
 Chief Scientist: David Reide Corbett SIO SHIP DESIGNATION: RR1001  
 252-328-1367 corbettd@ecu.edu

Additional Contact:  
 John Walsh 252-328-5431 walshj@ecu.edu  
 SHIP: REVELLE POC(CTD): Robert Thombley  
 DATES: 13-22 January 2010  
 PORT(s): Tauranga, NZ to Wellington, NZ

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STS/ODF-/SEG-RT PERSONNEL REQUIRED: 1 Research Technician

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Casts: About 40 cast going down to a maximum depth of 600m, coming as close to the bottom as possible.

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 ~once a year and oxygen performed ~6 months.

Computer with keyboard/mouse/color monitor

		IBM	
2 each	CTD, Sea-Bird	911plus	09P11599-0401
	w/Pressure sensor	401K-105	59916
	CTD, Sea-Bird	911plus	09P41717-0831
	w/Pressure sensor	401K-105	99677

sensors included:

4 each	Temperature Sensor, Sea-Bird	SBE3Plus	32202	
	Temperature Sensor, Sea-Bird	SBE3Plus	32309	
	Temperature Sensor, Sea-Bird	SBE3Plus	32322	
	Temperature Sensor, Sea-Bird	SBE3Plus	34138	
4 each	Conductivity Sensor, Sea-Bird	SBE4C	42593	
	Conductivity Sensor, Sea-Bird	SBE4C	42766	
	Conductivity Sensor, Sea-Bird	SBE4C	42818	
	Conductivity Sensor, Sea-Bird	SBE4C	43023	
4 each	Pump, Sea-Bird	SBE5T	51758	
	Pump, Sea-Bird	SBE5T	51781	
	Pump, Sea-Bird	SBE5T	51864	
	Pump, Sea-Bird	SBE5T	53334	
2 each	Oxygen sensor, Sea-Bird	SBE43	430060	
	Oxygen sensor, Sea-Bird	SBE43	430185	
2 each	Deck Unit, Sea-Bird, V.2	SBE11	384	OB
	Deck Unit, Sea-Bird, V.2	SBE11	727	OB
2 each	Altimeter, Simrad, 2-500m	807	1184	
	Altimeter, Simrad	1007	45531	
2 each	Carousel, Sea-Bird 24-place	SBE32	0456	
	Carousel, Sea-Bird 24-place	SBE32	0417	
2 each	Fluorometer, Seapoint, 6km	Chlorophyll SCF3003		
	Fluorometer, Wetlabs	Chlorophyll FLRT-1156		
2 each	Transmissometer, Wetlabs	CSTAR	CST-1176DR	
	Transmissometer, Wetlabs	CSTAR	CST-1189DR	
2 each	Adaptors for MCIL cable (Fluorometer and Altimeter)			
2 each	24 place rosette, yellow			OB
	12 place rosette, yellow			OB
	Spare cables and bottle supplies			
5 each	20lb lead weights			

FORMS:

CTD Station Sheets

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Additional Information:

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

Shipping Details (Approx.Dates,etc.): 1 December 2009, See Scott Hiller  
STS CTD has the wet pluggable MCBH-6 connectors.

Be advised serial numbers may differ with actual setup.

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Taken by: Email, 05 November 2009

Request by: K. Sanborn, 16 November 2009

Copies to: Sutherland/Durkin/Joyce/Lockhart/Files(Administration);  
Oceanographic Data Facility ([all-at-odf@sts.ucsd.edu](mailto:all-at-odf@sts.ucsd.edu));  
Swift; Requestor/PI;  
Research Technicians-Marine & Electronics ([restech@ucsd.edu](mailto:restech@ucsd.edu));  
Ship Scheduling ([shipsked@ucsd.edu](mailto:shipsked@ucsd.edu));  
Captain Zolton Kelety ([zkelety@ucsd.edu](mailto:zkelety@ucsd.edu))

\*\* Notify Robert Thombly or Kristin Sanborn of additions or changes.

All other requests should be directed to Research Technicians.

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