

DAILY LOG

CRUISE
NUMBER

2002-02

INSTITUTE OF OCEAN SCIENCES

OCEAN SCIENCES AND PRODUCTIVITY DIVISION

DATE

23 FEB - 3 MARCH

VESSEL

JOHN P TULLY

PROJECT

SFG TEST INJECTION

Captain:	<u>MURRAY MCGILVER</u>	First Officer:	<u>Mike McCullough</u>
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Second Officer: Julie Gascon

Third Officer: Shane Houglaw

Mission Participants / Agencies: IOS

Scientific Personnel: Keith Johnson

[illegible]

Second leg of Mission: Party Chief: _____

[illegible]

Data logging computer: FS02

Data acquisition program: Seasave Win 32 V 5.24

CTD deck unit make: Sea-bird **model:** 11 plus **serial number:** 0424

Primary CTD

Make: Seabird model: _____ serial number: _____

Primary temperature sensor serial number: _____ Calibration date: _____

Primary conductivity sensor serial number: _____ Calibration date: _____

Secondary temperature sensor serial number: _____ Calibration date: _____

Secondary conductivity sensor serial number: _____ Calibration date: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Secondary CTD

Make: _____ model: _____ serial number: _____

Primary temperature sensor serial number: _____ Calibration date: _____

Primary conductivity sensor serial number: _____ Calibration date: _____

Secondary temperature sensor serial number: _____ Calibration date: _____

Secondary conductivity sensor serial number: _____ Calibration date: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Comments: _____

6 th	7	8	9	10
↑	↑	↑	↑	↑
P9				P8
x	.	.	.	x
5 th	4 th	3 rd	2 nd	1 st
↑	↑	↑	↑	↑
15	14	13	12	11

Thermosalinograph restarted @ 48 51 44, 129 10.73, 0021 25 Feb 2002 GMT
 Shared Rte c \ Data \ 2002-02 \ 2002-02- TS. 24 Feb - 1616.txt

PA PA.25

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002					Month FEBRUARY			Ship JOHN P. TULLY			Cruise I.D. 2002-01			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
24	P8	CTD/ROS	2015	BE	1	48 49.03	128 39.93		~2520				M.R.	CTD/ROS: CTD in rose frame
	(FIRST)		2019	BO	1	48 49.04	128 39.90			200		Ø		
			2022	EN	1	48 49.05	128 39.92							
24	P8.25	CTD/ROS	2108	BE	2	48 49.63	128 47.51		~2600?				M.R.	
	(SECOND)		2110	BO	2	48 49.64	128 47.52			202		Ø		
			2113	EN	2	48 49.64	128 47.53							
24	P8.5	CTD/ROS	2158	BE	3	48 50.19	128 55.00		~2460'				M.R.	
	(THIRD)		2201	BO	3	48 50.20	128 55.00			200		Ø		
			2204	EN	3	48 50.20	128 55.00							
24	P8.75	CTD/ROS	2248	BE	4	48 50.76	129 02.50		2370				T.S.	
	(FOURTH)		2251	BO	4	48 50.75	129 02.48			200		Ø		
			2254	EN	4	48 50.75	129 02.48							
24	P9		2343	BE	5	48 51.36	129 09.99		2370?				T.S.	
	(FIFTH)		2346	BO	5	48 51.38	129 09.99			200				
			2349	EN	5	48 51.38	129 09.99							
24	P9	DRF	2356	BE		48 51.39	129 10.00						T.S.	ARGOS/GPS DRIFTER 30107 DEPLOYED
25	P9.25	CTD/ROS	0111	BE	6	48 52.01	129 17.52		2401				T.S.	
			0114	BO	6	48 52.00	129 17.52			200				
			0116	EN	6	48 52.00	129 17.53							

Cast type:

BOT = otter cast

CTD = CTD

MOR = mooring

ROS = Rosette

NET = net haul

DRF = drifter

USW = sea water loop

Time Code

BE = beginning time of cast

BO = bottom time of cast

EN = end of cast time

DE = deployment time

MR = messenger release time

RE = recover mooring time

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Year 2002					Month FEBRUARY			Ship JOHN P TULLY			Cruise I.D. 2002-02			
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
25	7 (PN9.25)	CTD/ROS	0232	BE	7	48 56.97	129 17.55		2364				T.S	
			0235	BO	7	48 56.93	129 17.54			200				
			0237	EN	7	48 57.00	129 17.53							
25	PN9	CTD/ROS	0320	BE	8	48 56.40	129 10.00		2203				T.S	
			0323	BO	8	48 56.40	129 9.99			200				
			0325	EN	8	48 56.41	129 9.99							
25	PN8.75	CTD/ROS	0407	BE	9	48 55.73	129 2.62		2196				T.S	
			0411	BO	9	48 55.75	129 2.64			200				
			0413	EN	9	48 55.78	129 2.66							
25	PN8.5	CTD/ROS	0459	BE	10	48 55.18	128 56.07		2248				T.S	
			0502	BO	10	48 55.16	128 56.09			200				
			0504	EN	10	48 55.15	128 56.12							
25	PS 8.5	CTD/ROS	0622	BE	11	48 45.14	128 55.07		2388				MR	
			0625	BO	11	48 45.17	128 55.08			199				
			0628	EN	11	48 45.19	128 55.10							
25	PS 8.75	CTD/ROS	0706	BE	12	48 45.77	129 02.50		2550?				MR	
			0708	BO	12	48 45.79	129 02.51			200				
			0711	EN	12	48 45.79	129 02.52							

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Bat fish



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25	PS 9	CTD / ROS	0751	BC	13	48 46.37	129 10 04		~2700				M.R.	
			0755	BO	13	48 46.38	129 10.12			201				
			0758	EN	13	48 46.41	129 10.15							
26	K1	CTD / ROS	0507	BE	14	48 49.50	128 59.54		2430			24	T.S.	UNABLE TO TRIP
			0516	BO	14	48 49.49	128 59.53			500				BOTTLES
			0528	EN	14	48 49.48	128 59.46							SFG DECONTAM.
26	K2	CTD / ROS	1758	BE	15	48 45.69	129 07.11		~2550			24		FILL 9 FLUSH BOTTLES
			1803	BO	15	48 45.67	129 07.18			500				FOR SFG DECONTAM.
			1810	EN	15	48 45.65	129 07.31							
27	C1	ROS	1929	BE	16	48 50.54	128 52.12				1-11	11		
			1932	BO	16	48 50.56	128 52.12			200				
				EN	16									
27	CN1	ROS	2127	BE	17	48 50.68	128 52.77		2407		12-22	11		NOT SAMPLED.
			2131	BO	17	48 50.70	128 52.78			200				INSTRUMENT
			2146	EN	17	48 50.68	128 52.75							PROBLEM
28	CN2	ROS	2302	BE	18	48 50.75	128 55.71		2193		23-44	22		
			2307	BO	18	48 50.76	128 55.64			200				
			2326	EN	18	48 50.73	128 55.59							
1	C3	ROS	1929	BE	19	48 49.09	128 51.42		2500?		45-66	22		

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FEB 27 1345 GMT POWER GLITCH CAUSED LOOP PUMP TO QUIT NOT RESET TO CORRECT
FLOW UNTIL 1550. (NO FLOW IN THERMOSALINOGGRAPH)
THERMOSALINOGGRAPH COMPUTER RESTARTED. 1850. FILE 02.
PCO2 SYSTEM RESTARTED. 1625.

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