

DAILY LOG

OCEAN PHYSICS

INSTITUTE OF OCEAN SCIENCES

SHIP <u>John P Tully</u>		CRUISE <u>8901</u>						TIME ZONE <u>UTC</u>			PAGE <u>1</u> OF				
DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD - CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO - CONSEC. NO. & DEPTH (m)	MESSENGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
<u>89/02/14</u>	<u>JF1</u>	<u>48°16' N</u>	<u>0427</u>	<u>—</u>							<u>1</u>		<u>0427</u>		<u>Did Not Stop Loop</u>
		<u>123° 34.7' W</u>													
<u>89/02/14</u>	<u>JF2</u>	<u>48 18 34</u>	<u>0554</u>	<u>✓</u>							<u>2</u>				<u>North of station due to traffic.</u>
		<u>124 00 00</u>													
<u>"</u>	<u>JF3</u>	<u>48 27 00</u>	<u>07:27</u>	<u>✓</u>							<u>3</u>				<u>Loop only</u>
		<u>124 30 00</u>													
<u>"</u>	<u>JF4</u>	<u>48 32-27</u>	<u>09:10</u>	<u>—</u>							<u>4</u>				<u>Loop ONLY (UNDER WAY)</u>
		<u>125 0.0</u>													
<u>89/2/14</u>	<u>MP01</u>	<u>136 48 34.48</u>	<u>10:38</u>	<u>1</u>	<u>137</u>	<u>1048</u>	<u>✓</u>				<u>5</u>		<u>1054</u>		
		<u>125 30.19</u>													
<u>89/2/14</u>	<u>MP02</u>	<u>48 36.00</u>	<u>1225</u>	<u>2</u>	<u>118</u>	<u>1233</u>	<u>✓</u>				<u>6</u>		<u>1240</u>		
		<u>126 00.00</u>													
<u>89/2/14</u>	<u>MP03</u>	<u>48 37 50</u>	<u>1730</u>	<u>3</u>	<u>765</u>	<u>1734</u>					<u>7</u>				
		<u>126 20 00</u>													
<u>89/2/14</u>	<u>MP04</u>	<u>48 39 00</u>	<u>1922</u>	<u>4</u>	<u>1295</u>	<u>1924</u>	<u>1300</u>	<u>2215</u>	<u>1</u>	<u>1001</u>	<u>8</u>		<u>2255</u>		<u>Sail 7:276 31.113</u> <u>Probe 6:917 31.441</u>
		<u>126 40 00</u>													
<u>89/2/15</u>	<u>MP05</u>	<u>48 41.62</u>	<u>0108</u>	<u>5</u>	<u>1502</u>	<u>0109</u>	<u>✓</u>				<u>9</u>		<u>0157</u>		
		<u>127 09.92</u>													
<u>89/2/15</u>	<u>MP06</u>	<u>48 44.58</u>	<u>0350</u>	<u>6</u>	<u>1500</u>	<u>0353</u>	<u>2</u>	<u>0542</u>	<u>21</u>	<u>548</u>	<u>10</u>		<u>0640</u>		<u>Sail 7:452 32.042</u> <u>C/S 7:098 32.368</u>
		<u>127 40.11</u>													
<u>89/2/15</u>	<u>MP07</u>	<u>48 46.64</u>	<u>0825</u>	<u>7</u>	<u>1501</u>	<u>0834</u>	<u>✓</u>				<u>11</u>		<u>0912</u>		
		<u>128 10.27</u>													
<u>89/2/15</u>	<u>MP08</u>	<u>48 49.09</u>	<u>1107</u>	<u>8</u>	<u>1502</u>	<u>1110</u>	<u>✓</u>				<u>12</u>		<u>1145</u>		
		<u>128 40.01</u>													

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DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD - CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSENGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
89/2/15	MP09	4851.49 12910.18	1341	9	1347	/				13			1417		
89/2/15	MP10	2724 485360 12940.00	16:10	10	1502	16:20	/			14			16:55		Sail 6.925 31.942 CTD 6.532 32.326
89/2/15	MP11	2793 485600 13010.00	1843	11	1504	1853	/			15			19:30		
89/2/15	MP12	4858.26 13040.01	2134	12	1503	2137	/			16			2211		
89/2/16	MP13	4902.6N 13140.0W	0208	13	1503	0212	/			17			0240		
89/2/16	MP14	3200 4907.40N 13240.00W	0638	14	1502	0639	/			18			07:15		Sail 7.303 32.408 CTD 6.960 32.555
89/2/16	MP15	3160 4912.10 13340.07	1101	15	1502	1105	/			19			1134		
89/2/16	MP16	4917.0 13440.0	1520	16	1503	1525	3 3500	1643	43 66	1039 1062	20		1925		
89/2/16	MP17	3500 4921.06 13540.03	2316	17	1503	2321	/			21			2356		
89/2/17	MP18	4926.12 13640.32	0348	18	1502	0352	4 3750	0520	67 91	1039 1064	22		0836		
89/2/17	MP19	4930.0 N 13740.0 W	1225	19	1506	1238	/			23			1313		
89/2/17	MP20	3986 4934.0N 13840.00	1700	20	1502	1709	/			24			1738		

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89/2/17	MP21	3981	49 38.01 139 39.95	2128	21 1500 2132	/					25			2207	
89/2/18	MP22		49 42.20 140 39.95		22 1503 0204				4.47 32.714	26					
89/2/18	MP23	4075	49 46.00 141 40.00	0621	23 1508 0625	/				27			0700		Sail 5.892 32728 Std 5.461 32711
89/2/18	MP24	4010	49 50.17 142 39.99	1041	24 1501 1045	/				28			1116		
89/2/18	MP25		50 00.0 N 143 36.3 W	1455	25 1504 1500	/				29			1530		
89/2/18	MP35	4167	50 00.00 144 18.20	1755	26 1505 1803	/									Sail 6.089 32866 4.868 32744
89/2/18	MP26	4270	50 00.04 145 00.06	2236	27 1502 2239	5 4200	0002	92 118	1001 1034	30					
" 19	MP26		50 01.03 144 58.87		28 1504 0230	6 4200	0447	119 145	1039 1066	31			0253		
89/2/19	MP26	4270	50 00.22 145 00.10	0807	29 1501 0812	/				32			0846		
89/2/20	MP26	4270	50 00.00 145 00.00	0400	30 2000 0413	7 800	0009			33 ←					CALIBRATION SAMPLE BOTTLE ON CTD WIRE
89/2/20	MP26	4270	50 00.10 145 00.10	18:00	31 50					34 ←					CALIBRATION MIXED LAYER
89/2/21	MP35	4200	50 04.00 144 26.23	2240	32 800 2246	/				35 ←			2340		Bottle w 75m

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89/2/22	MP32	5054.13 1450104	2355	33	802	2357				36			0023						
23	MP49	5053.92 1441735		34		0318				37			0342						
89/2/23	MP33	505387 1433474	0629	35	850	0636				38			0655						
89/2/23	MR20	5055.66 1430091	0906	36	882	0912				39			0932						
89/2/23	MR19	5058.0 N 14220.0 W	1218	37	878	1221				40			1245						
23	MR18	5159.96 1413838	1520	38	858	1524				41			1549						
89/2/23	MR17	5102.0 14056.0	1835	39	854	1836				42			18:59						
89/2/24	MR16	5104.05 1401387	0052	40	865	0055				43									
89/2/24	MR15	510588 13930.79	0410	41	885	0419				44			0440						
89/2/24	MR14	5108.93 13847.41	0730	42	890	0733				45			0800						
89/2/24	MR13	5110.99 13806.06	1030	43	891	1037	8 2000	1213	146 166	1069 1090	46								
" 24	MR12	5113.0 N 13723.0 W	1537	44	828	1541				47			1601						

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DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD - CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSENGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
89 02 24	MR11	51 15 03 136 39.91	1842 45	880	1846	/				48			19:05		
89/02/24	MR10	51 17.07 135 57.61	2147 46	891	2149	/				49			2208		
89/02/25	MR09	51 19.02 135 15.05	0110 47	893	0117					49			0139		
89/02/25	MR08 3371	51 21 22 134 32.49	0426 48	870	0430	/				/					
89/02/25	MR07 3204	51 23 46 133 49.47	0734 49	884	0736					50			0759		
89/02/25	MR06 2989	51 25.52 133 06.48	1039 50	893	1042	/				/			1057		
89/02/25	MJ05	51 27.40 132 22.95	1335 51	892	1342					51			1406		
89/02/25	MJ3A 2447	51 39.40 131 58.82	16:00 52	892	1606					/					
89/02/25	MS03 2337	51 43 65 131 49.96	1708 53	886	1712	9 2000	1848	167 188	1001 1028	52					
89/02/25	MJ2A 2056	51 47.61 131 40.60	2019 54	887	2021	/				/			2044		
89/02/25	MJ02 2104	51 51.94 131 32.09	2133 55	828	2135	/				53			2156		
89/02/25	MJ1A 1877	51 55.87 131 22.74	2237 56	851	2240	/				/			2259		

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[illegible]

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TULLY		89-01		UTC		6 OF									
DATE	STATION ID	DEPTH SOUNDING (m)	LATITUDE & LONGITUDE	TIME SHIP STOPS	STD-CONSEC. NO. & DEPTH (m)	STD START TIME	HYDRO-CONSEC. NO. & DEPTH (m)	MESSANGER TIME	HYDRO SALINITY NO.	HYDRO OXYGEN NO.	BUCKET TEMPERATURE & SALINITY NO.	LOOP TEMPERATURE & SALINITY NO.	ENGINE INTAKE TEMPERATURE	TIME SHIP PROCEEDS	NOTES
89/02/25	MJ01	663	51 59.92 131 14.01	2341	57 663 2344	/				54			2358		
89/02/26	MJ00	106	52 02.18 131 09.97		58 110 0024	/				/					
89/02/26	M088	2044	51 41 70N 131 13 70W	04:00	59 858 0409	/				/			04:30		
89/02/26	MI03	2574	51 23 07 131 13 80	0624	60 858 0626	/				/			0650		
LAST STATION															