

CRUISE NO: 9401 WOCE Line PR6
STATION NO: MPO4

UTC DATE: 8/2/74
HYDRO No.: 1.

VESSEL: John P. Tully

NISK No.	SAMPLE No.	OXY. No. Serial	OXY. TEMP	Sample Depth db	ROSETTE OPERATION			O ₂ SERIAL	THERMOMETER 1		THERMOMETER 2		
					Trip Depth (db)	Trip Temp.	Trip Confirmed		AUX	MAIN	SERIAL	AUX	MAIN
113	1	1007	8.6	10	8	9.30	YES	286.36	.	.	.	.	.
112	2	1004	8.6	50	47	9.30	YES	285.79	.	.	.	.	.
111	3	1005	8.0	100	98	8.45	YES	208.42	.	.	.	.	.
110	4	1008	7.2	150	163	6.89	YES	159.51	.	.	.	.	.
109	5	1009	7.2	200	194	7.03	YES	119.69	.	.	.	.	.
108	6	1010	6.6	300	304	6.19	YES	86.18	.	.	.	.	.
107	7	1011*	6.2	400	396	5.57	YES	cracked flask	.	.	.	.	.
106	8	1014	5.2	600	600	4.27	YES	21.28	.	.	.	.	.
105	9	1016	4.8	800	799	3.70	YES	13.96	.	.	.	.	.
104	10	1020	4.6	1000	1000	3.25	YES	12.32	.	.	.	.	.
103	11	1022	N/A	1000	1000	3.25	YES	—	.	.	.	.	.
102	12	1025	4.2	1200	1200	2.87	YES	17.22	.	.	.	.	.
101	13	1026	4.2	1300	1297	2.63	YES	23.43	.	.	.	.	.
100	14	1022	6.8	400				70.33	.	.	.	.	.
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ENTERED BY:
CHECKED BY:

Bottom Depth:
Cast No:

LOC | UTC
BEGIN: |
BOTTOM: |
END: |

START POSITION (GPS)
LAT:
LONG:

MESS. POSITION (GPS)
LAT:
LONG:

END POSITION (GPS)
LAT:
LONG:

COMMENTS

+ Niskin #3 did
close, lanyard
got hung up

* Glass cracked
on O₂ flask 1011

① O₂ flask 1022
drawn from Niskin #7

CRUISE NO: 9401 WOCE Line PR6
STATION NO: MP14UTC DATE: 16 Feb 1994
HYDRO No.: 8

VESSEL: John P. Tully

NISK No.	SAMPLE No.	OXY No.	OXY TEMP	Sample Depth db	ROSETTE OPERATION			THERMOMETER 1			THERMOMETER 2		
					Trip Depth (db)	Trip Temp.	Trip Confirmed	SERIAL	AUX	MAIN	SERIAL	AUX	MAIN
32.465	23	14	1003	9.0	10	8.5	9.112	Y	285.96	.	.	.	.
32.467	22	15	1004	9.0	50	49	9.130	Y	285.89	.	.	.	.
32.924	21	16	1006	7.6	100	101	7.460	Y	.	.	.	.	.
33.541	20	17	1008	6.6	150	154	6.494	N, Y	.	.	.	.	.
33.782	19	18	1009	6.6	200	200	6.003	Y	.	.	.	.	.
33.855	18	19	1010	5.6	300	302	4.895	N, Y	.	.	.	.	.
33.968	17	20	1014	5.6	400	395	4.501	Y	.	.	.	.	.
34.157	16	21	1016	5.2	600	602	4.037	Y	.	.	.	.	.
34.281	15	22	1020	4.8	800	804	3.631	N, Y	.	.	.	.	.
34.375	14	23	1022	4.4	1000	999	3.069	Y	.	.	.	.	.
34.433	13	24	1025	—	1200	*1200	2.694	Y	* STILL OPEN	.	.	.	.
34.486	12*	25	1026	3.8	1400	*1398	2.446	Y	446	2.446 (2.448)	577	2.422 (2.443)	.
34.527	11	26	1027	4.2	1600	1596	2.241	Y	.	true	.	.	.
34.562	10	27	1028	5.8	1800	1802	2.069	Y	.	.	.	.	.
34.592	9	28	1029	3.8	2000	2003	1.924	Y	.	.	.	.	.
34.614	8	29	1031	3.8	2200	2202	1.822	Y	.	.	.	.	.
34.629	7	30	1032	3.8	2400	2400	1.748	Y	.	.	.	.	.
34.643	6	31	1033	3.4	2600	2597	1.681	N, Y	.	.	.	.	.
34.653	5	32	1036	4.0	2800	2801	1.635	Y	.	.	.	.	.
34.661	4	33	*1039	3.6	3000	3013	1.603	Y	.	.	.	.	.
34.660	3	34	1040	4.0	3000	3006	1.604	Y	.	.	.	.	.
34.664	2*	35	1043	3.4	3200	3199	1.599	Y	647	1.596 (1.603)	679	1.600 (1.604)	.
34.667	1	36	1045	3.6	3350	3348	1.600	Y	.	.	.	.	.
* Reversing Thermometers					1039	per end point							
					Sample #27	no good bottle closed at unknown depth							
Stopped 20 m off the bottom													
At 2000m, 2 spurious tags were created.													
Blend													
1 .003 Standard .723													
2 .006 .723													
3 .004 .723													
2 .006													
3 .004													
1 .005													

ENTERED BY:
CHECKED BY:Bottom Depth: 3280
Cast No:LOC I UTC
BEGIN:
BOTTOM:
END: START POSITION (GPS)
LAT:
LONG: MESS. POSITION (GPS)
LAT:
LONG: END POSITION (GPS)
LAT:
LONG:

COMMENTS

Bottle 13 was open when rosette was retrieved. Tripped but hung up on a Nicopress Crimp.

BOTAVGT