

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-006
Vessel: JP Tully

Launch Daily
Science Log

Print Daily Science
Log WorkBook

Event Number	Station Name	Cast Type	Firing Method	Time Code	Date Time (UTC) Computer ("dd-mm-yyyy hh:mm:ss")	Date Time (UTC) GPS ("dd-mm-yyyy hh:mm:ss")	Positional Information (DDD MM.MMM)		Sounder Depth (m)	Max Sampling Pressure	Sample Number		# of Bottles	Watch Keepers	CTD/Rosette Status			Comments
							Latitude	Longitude			Start	End			Trans. Cleaned	Fluorometer Cleaned	PAR Status	
2	JF1	LOOP		BE	01-05-2024 05:45:31	01-05-2024 05:45:27	48 15.869 N	123 30.119 W	157	5	5002	5002		Chloe Immone	NA	NA		1 sal, 2 chl, 1 nut. Forgot to put the nut in the freezer for about an hour after sampling sorry!
3	JF2	LOOP		BE	01-05-2024 07:34:25	01-05-2024 07:34:19	48 18.154 N	124 0.547 W	190	4.5	5003	5003		Moira Galbrait	NA	NA		1 sal, 2 chl, 1 nut
4	JF3	LOOP		BE	01-05-2024 09:19:36	01-05-2024 09:19:32	48 27.031 N	124 30.074 W	223	4.5	5004	5004		Moira Galbrait	NA	NA		1 sal, 2 chl, 1 nut
5	JF4	LOOP		BE	01-05-2024 11:00:20	01-05-2024 11:00:17	48 32.302 N	125 0.152 W	64	4.5	5005	5005		Moira Galbrait	NA	NA		1 sal, 2 chl, 1 nut
7	P2	LOOP		BE	01-05-2024 15:01:16	01-05-2024 15:01:13	48 35.922 N	125 59.996 W	116	4.5	5007	5007		Moira Galbrait	NA	NA		Cesium loop
21	P7	ROS	US	EN	02-05-2024 16:36:32	02-05-2024 16:36:30	48 46.622 N	128 10.16 W		2005	5021	5021		Danielle Caleb				2 chl, 1 sal
23	P8	LOOP		BE	02-05-2024 19:19:59	02-05-2024 19:19:56	48 49.004 N	128 39.929 W	2545		5023	5023		Chloe Immone	NA	NA		Cesium loop
25	P9	ROS	US	EN	02-05-2024 23:54:30	02-05-2024 23:54:30	48 51.422 N	129 9.974 W		2005	5025	5025		Chloe Immonen				also took loop 5025 before rosette was back to surface (1 sal, 2 chl)
27	P11	ROS		EN	03-05-2024 07:44:50	03-05-2024 07:44:46	48 56.058 N	130 10.008 W		2005	5027	5027		Chloe Immonen				2 chl, 1 sal
29	P12	LOOP		BE	03-05-2024 10:36:00	03-05-2024 10:36:00	48 58.180 N	130 40.050 W	3222		5029	5029		Lynn				Cesium loop
32	P13	ROS	US	EN	03-05-2024 23:12:49	03-05-2024 23:12:46	49 2.549 N	131 39.962 W		2005	5032	2032		Chloe Immonen				2 chl, 1 sal
36	Loop 36	LOOP		BE	04-05-2024 16:57:01	04-05-2024 16:56:54	49 15.265 N	134 18.085 W	3591	4.5	5036	5036		Moira Galbrait	NA	NA		2 chl, 1 sal
44	Loop 44	LOOP		BE	05-05-2024 05:41:42	05-05-2024 05:41:35	49 20.289 N	135 27.244 W	3251	5	5044	5044		Chloe Immone	NA	NA		2 chl, 1 sal
45	P17	ROS	US	EN	05-05-2024 07:10:51	05-05-2024 07:10:46	49 21.064 N	135 39.943 W		1000	5045	5045		Chloe Immonen				2 chl, 1 sal
46	Loop 46	LOOP		BE	05-05-2024 10:09:42	05-05-2024 10:09:38	49 25.243 N	136 26.778 W	3775	4.5	5046	5046		Moira Galbrait	NA	NA		2 chl, 1 sal
48	P18	LOOP		BE	05-05-2024 11:32:23	05-05-2024 11:32:18	49 26.013 N	136 39.925 W	3810	4.5	5048	5048		Lynn Wharram	NA	NA		cesium loop
51	Loop 51	LOOP		BE	06-05-2024 01:01:43	06-05-2024 01:01:38	49 32.618 N	138 18.222 W	3956	5	5051	5051		Lauryn Talbot	NA	NA		2 chl, 1 sal
52	Loop 52	LOOP		BE	06-05-2024 04:28:14	06-05-2024 04:28:10	49 34.368 N	138 45.87 W	3934	5	5052	5052		Chloe I	NA	NA		2 chl, 1 sal
53	Loop 53	LOOP		BE	06-05-2024 08:22:40	06-05-2024 08:22:33	49 36.097 N	139 11.505 W	3914	4.5	5053	5053		Moira Galbrait	NA	NA		2 chl, 1 sal
54	P21	LOOP		BE	06-05-2024 12:13:47	06-05-2024 12:13:43	49 38.044 N	139 39.997 W	3931	4.5	5054	5054		Moira Galbrait	NA	NA		flyby 1 sal 1 nut 2 chl 2 hplc 2 3H
56	P22	LOOP		BE	06-05-2024 20:35:56	06-05-2024 20:35:48	49 41.996 N	140 39.979 W	3873	5				Andrew Hicks	NA	NA		cesium loop - taken during beginning of rosette cast but forgot to lg so time and coordinates are approx
60	Loop 60	LOOP		BE	07-05-2024 02:59:23	07-05-2024 02:59:17	49 44.908 N	141 23.416 W	4013	5	5060	5060		Chloe Immone	NA	NA		2 chl, 1 sal
63	P24	LOOP		BE	07-05-2024 12:32:07	07-05-2024 12:31:59	49 50.189 N	142 40.511 W	3958	4.5	5063	5063		Moira Galbraith				cesium loop
65	Loop 65	LOOP		BE	07-05-2024 17:44:09	07-05-2024 17:44:03	49 58.708 N	143 28.522 W	4148	4.5	5065	5065		Moira Galbrait	NA	NA		1 sal, 2 chl
66	P25	ROS	US	EN	07-05-2024 19:52:43	07-05-2024 19:52:35	50 0.081 N	143 36.203 W		2007	5066	5066		Chloe Immonen				loop (1sal, 2 cl) at 5 m also. 5066
67	Loop 67	LOOP		BE	07-05-2024 23:04:03	07-05-2024 23:03:58	50 0.054 N	143 59.736 W	4143	5	5067	5067		Chloe Immone	NA	NA		1 sal 2 chl
68	Loop 68	LOOP		BE	08-05-2024 04:00:03	08-05-2024 03:59:55	50 0.149 N	144 32.588 W	4126	5	5068	5068		Chloe Immone	NA	NA		1 sal, 2 chl, 1 nut
77	Loop 77	LOOP		BE	09-05-2024 05:01:40	09-05-2024 05:01:36	49 49.624 N	142 27.381 W	4016	5	5077	5077		Chloe Immone	NA	NA		1 sal 2 chl
78	Loop 78	LOOP		BE	09-05-2024 11:27:05	09-05-2024 11:27:00	49 42.102 N	140 37.471 W	3849	4.5	5078	5078		Moira Galbrait	NA	NA		1 sal 2chl
79	P21	ROS	US	EN	09-05-2024 15:56:03	09-05-2024 15:55:53	49 38.001 N	139 39.999 W		1505	5079	5079		Moira Galbraith				loop1 sal 2chl
84	Loop 84	LOOP		BE	10-05-2024 05:34:12	10-05-2024 05:34:05	49 42.712 N	137 37.932 W	3907	5	5084	5084		Chloe Immone	NA	NA		1 sal, 2 chl
85	Loop 85	LOOP		BE	10-05-2024 10:58:21	10-05-2024 10:58:13	49 54.829 N	136 8.846 W	3661	4.5	5085	5085		Moira Galbrait	NA	NA		1 sal 2 chl
86	Loop 86	LOOP		BE	10-05-2024 19:06:15	10-05-2024 19:06:10	50 15.075 N	133 46.286 W	3246	5	5086	5086		Chloe Immone	NA	NA		1 sal, 2 chl
87	Loop 87	LOOP		BE	10-05-2024 23:33:18	10-05-2024 23:33:11	50 26.298 N	132 25.839 W	2475	5	5087	5087		Chloe Immone	NA	NA		1 sal, 2 chl
92	Loop 92	LOOP		BE	12-05-2024 03:57:21	12-05-2024 03:57:13	50 29.291 N	126 16.96 W	355	5	5092	5092		Chloe Immone	NA	NA		1 sal, 2 chl
93	Loop 93	LOOP		BE	12-05-2024 05:45:53	12-05-2024 05:45:47	50 22.584 N	125 46.896 W	162	5	5093	5093		Andrew Hicks	NA	NA		3H only
104	Loop 104	LOOP		BE	13-05-2024 01:00:46	13-05-2024 01:00:33	49 19.048 N	123 47.976 W	344	5	5104	5104		Andrew Hicks				3H loop sample