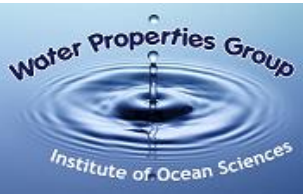


DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

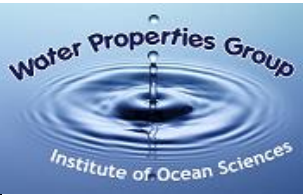
Launch Daily
Science Log

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	
1	11416 ROS	US	US	BE	25-06-2024 23:34:01	25-06-2024 23:33:52	51 7.262 N	127 56.413 W	125	115	1	1	1	Chelsea Stanle	no	no	yes	
1	11416 ROS	US	US	BO	25-06-2024 23:36:18	25-06-2024 23:36:10	51 7.231 N	127 56.419 W	130	120	1	1	1	Chelsea Stanley				
1	11416 ROS	US	US	EN	25-06-2024 23:39:56	25-06-2024 23:39:49	51 7.183 N	127 56.437 W		120	1	1	1	Chelsea Stanley				
2	11416 NET			BE	25-06-2024 23:45:51	25-06-2024 23:45:44	51 7.138 N	127 56.494 W	130	120				Chelsea Stanle	NA	NA		
2	11416 NET			BO	25-06-2024 23:50:12	25-06-2024 23:50:03	51 7.095 N	127 56.53 W		120				Chelsea Stanley				
2	11416 NET			EN	25-06-2024 23:53:24	25-06-2024 23:53:18	51 7.088 N	127 56.582 W		120				Chelsea Stanley				
3	11416 SET			BE	26-06-2024 00:05:36	26-06-2024 00:05:36	51 7.408 N	127 57.692 W	133	0				Jackie King	NA	NA		
3	11416 SET			EN	26-06-2024 00:37:01	26-06-2024 00:37:01	51 8.933 N	127 59.206 W		0				Jackie King				
4	11668 ROS	US	US	BE	26-06-2024 01:50:41	26-06-2024 01:50:34	51 10.978 N	127 51.281 W	109		2	2	1	Chelsea Stanle	no	no	yes	
4	11668 ROS	US	US	BO	26-06-2024 01:52:36	26-06-2024 01:52:29	51 10.978 N	127 51.297 W	109	99	2	2	1	Chelsea Stanley				
4	11668 ROS	US	US	EN	26-06-2024 01:56:21	26-06-2024 01:56:14	51 10.968 N	127 51.324 W	109	99	2	2	1	Chelsea Stanley				
5	11668 NET			BE	26-06-2024 02:01:43	26-06-2024 02:01:35	51 10.961 N	127 51.366 W	109	99				Chelsea Stanle	NA	NA		
5	11668 NET			BO	26-06-2024 02:05:46	26-06-2024 02:05:38	51 10.955 N	127 51.392 W		99				Chelsea Stanley				
5	11668 NET			EN	26-06-2024 02:07:05	26-06-2024 02:06:57	51 10.96 N	127 51.404 W		99				Chelsea Stanley				
6	11668 SET			BE	26-06-2024 02:38:28	27-06-2024 02:38:28	51 12.212 N	127 51.704 W	109	15				Jackie King	NA	NA		
6	11668 SET			EN	26-06-2024 03:10:11	27-06-2024 03:10:11	51 13.572 N	127 52.432 W		15				Jackie King				
7	11668 SET			BE	26-06-2024 05:08:02	27-06-2024 05:08:02	51 13.730 N	127 52.606 W	109	0				Jackie King	NA	NA		
7	11668 SET			EN	26-06-2024 05:41:04	27-06-2024 05:41:04	51 7.11 N	128 21.174 W		0				Jackie King				
8	11416 SET			BE	26-06-2024 06:50:27	27-06-2024 06:50:27	51 8.092 N	127 57.320 W	120	15				Jackie King	NA	NA		
8	11416 SET			EN	26-06-2024 07:21:30	27-06-2024 07:21:30	51 9.314 N	127 59.066 W		15				Jackie King				
9	10911 ROS	N/A	US	BE	26-06-2024 22:38:23	26-06-2024 22:38:15	50 58.355 N	128 17.209 W	86	76				Chelsea Stanle	no	yes	no	
9	10911 ROS	US	US	BO	26-06-2024 22:39:49	26-06-2024 22:39:43	50 58.354 N	128 17.195 W	86	76	3	3	1	Chelsea Stanley				
9	10911 ROS	US	US	EN	26-06-2024 22:43:01	26-06-2024 22:42:53	50 58.344 N	128 17.151 W	86	76	3	3	1	Chelsea Stanley				
10	10911 NET			BE	26-06-2024 22:47:57	26-06-2024 22:47:52	50 58.336 N	128 17.131 W	86	75				Chelsea Stanle	NA	NA		
10	10911 NET			BO	26-06-2024 22:50:40	26-06-2024 22:50:33	50 58.332 N	128 17.112 W		75				Chelsea Stanley				
10	10911 NET			EN	26-06-2024 22:51:52	26-06-2024 22:51:43	50 58.325 N	128 17.096 W		75				Chelsea Stanley				
11	10911 SET			BE	26-06-2024 23:10:17	26-06-2024 23:10:17	50 59.27 N	128 15.980 W	86	0				Jackie King	NA	NA		
11	10911 SET			EN	26-06-2024 23:37:19	26-06-2024 23:37:19	51 0.476 N	128 14.240 W		0				Jackie King				
12	11288 SET			BE	27-06-2024 00:26:56	28-06-2024 00:26:56	51 5.664 N	128 9.789 W	102	0				Jackie King	NA	NA		
12	11288 SET			EN	27-06-2024 00:56:58	28-06-2024 00:56:58	51 5.719 N	128 7.253 W		0				Jackie King				
13	11166 ROS	US	US	BE	27-06-2024 01:36:32	27-06-2024 01:36:24	51 4.897 N	128 0.721 W	152	142	4	4	1	Chelsea Stanle	no	yes	no	
13	11166 ROS	US	US	BO	27-06-2024 01:39:01	27-06-2024 01:38:55	51 4.891 N	128 0.73 W	153	142	4	4	1	Chelsea Stanley				
13	11166 ROS	US	US	EN	27-06-2024 01:43:05	27-06-2024 01:42:59	51 4.867 N	128 0.745 W		142	4	4	1	Chelsea Stanley				
14	11166 NET			BE	27-06-2024 01:48:33	27-06-2024 01:48:27	51 4.864 N	128 0.787 W	153	143				Chelsea Stanle	NA	NA		
14	11166 NET			BO	27-06-2024 01:53:33	27-06-2024 01:53:25	51 4.86 N	128 0.823 W		143				Chelsea Stanley				

DAILY SCIENCE LOG

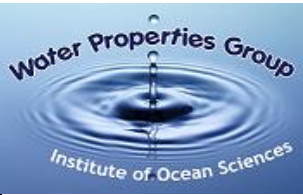
Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:			2024-026		Launch Daily Science Log		Print Daily Science Log WorkBook											CTD/Rosette Status		
Vessel:			Franklin																	
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	Trans. Cleaned	Fluoromet er Cleaned	PAR Status	Comments		
							Latitude	Longitude			Start	End								
14	11166	NET		EN	27-06-2024 01:56:08	27-06-2024 01:56:00	51 4.849 N	128 0.833 W		143				Chelsea Stanley						
15	11166	SET		BE	27-06-2024 02:36:13	27-06-2024 02:36:13	51 4.545 N	127 59.528 W	152	0				Jackie King	NA	NA				
15	11166	SET		EN	27-06-2024 03:05:15	27-06-2024 03:05:15	51 4.393 N	127 57.355 W		0				Jackie King						
16	11166	SET		BE	27-06-2024 05:09:32	27-06-2024 05:09:32	51 4.713 N	127 57.576 W	153	0				Jackie King	NA	NA				
16	11166	SET		EN	27-06-2024 05:38:34	27-06-2024 05:38:34	51 4.875 N	128 0.305 W		0				Jackie King						
17	11288	ROS	US	BE	27-06-2024 06:26:10	27-06-2024 06:26:03	51 6.232 N	128 5.631 W	155	145	5	5	1	Chelsea Stanle	no	yes	no	Took bottle for Fukushima study		
17	11288	ROS	US	BO	27-06-2024 06:28:50	27-06-2024 06:28:43	51 6.233 N	128 5.653 W		145	5	5	1	Chelsea Stanley						
17	11288	ROS	US	EN	27-06-2024 06:33:17	27-06-2024 06:33:10	51 6.226 N	128 5.656 W		145	5	5	1	Chelsea Stanley						
18	11288	NET		BE	27-06-2024 06:39:14	27-06-2024 06:39:05	51 6.217 N	128 5.652 W	156	145				Chelsea Stanle	NA	NA				
18	11288	NET		BO	28-06-2024 06:43:14	29-06-2024 06:43:14	51 6.217 N	128 5.652 W												
18	11288	NET		EN	27-06-2024 06:47:04	27-06-2024 06:46:56	51 6.216 N	128 5.68 W	156	145				Chelsea Stanley						
19	11288	SET		BE	27-06-2024 07:01:39	27-06-2024 07:01:39	51 6.344 N	128 7.282 W	156	0				Jackie King	NA	NA				
19	11288	SET		EN	27-06-2024 07:29:41	27-06-2024 07:29:41	51 6.491 N	128 9.573 W		0				Jackie King						
20	10911	SET		BE	27-06-2024 08:49:10	27-06-2024 08:49:10	51 0.267 N	128 14.423 W	85	0				Jackie King	NA	NA				
20	10911	SET		EN	27-06-2024 09:10:12	27-06-2024 09:10:12	51 0.272 N	128 15.747 W		0				Jackie King						
21	11526	ROS	US	BE	27-06-2024 22:35:31	27-06-2024 22:35:23	51 10.362 N	128 52.466 W	122	112	6	6	1	Chelsea Stanle	no	no	yes			
21	11526	ROS	US	BO	27-06-2024 22:37:25	27-06-2024 22:37:19	51 10.36 N	128 52.47 W	122	112	6	6	1	Chelsea Stanley						
21	11526	ROS	US	EN	27-06-2024 22:41:04	27-06-2024 22:40:57	51 10.356 N	128 52.444 W	122	112	6	6	1	Chelsea Stanley						
22	11526	NET		BE	27-06-2024 22:46:22	27-06-2024 22:46:14	51 10.342 N	128 52.427 W	122	112				Chelsea Stanle	NA	NA				
22	11526	NET		BO	27-06-2024 22:50:13	27-06-2024 22:50:04	51 10.33 N	128 52.436 W		112				Chelsea Stanley						
22	11526	NET		EN	27-06-2024 22:52:16	27-06-2024 22:52:09	51 10.326 N	128 52.424 W		112				Chelsea Stanley						
23	11526	SET		BE	27-06-2024 23:11:02	28-06-2024 23:11:02	51 10.897N	127 50.785 W	122	15				Jackie King	NA	NA				
23	11526	SET		EN	27-06-2024 23:44:31	27-06-2024 23:44:23	51 11.311 N	128 48.002 W	137	15				Jackie King						
24	11407	SET		BE	28-06-2024 00:56:21	28-06-2024 00:56:14	51 8.2 N	128 31.069 W	165	0				Jackie King	NA	NA				
24	11407	SET		EN	28-06-2024 01:25:11	28-06-2024 01:25:04	51 8.466 N	128 27.385 W	186	0				Jackie King						
25	11534	ROS	US	BE	28-06-2024 01:57:25	28-06-2024 01:57:19	51 10.32 N	128 25.582 W	198	188	7	7	1	Chelsea Stanle	no	yes	no			
25	11534	ROS	US	BO	28-06-2024 02:00:46	28-06-2024 02:00:38	51 10.304 N	128 25.561 W	198	188	7	7	1	Chelsea Stanley						
25	11534	ROS	US	EN	28-06-2024 02:05:47	28-06-2024 02:05:40	51 10.284 N	128 25.556 W	198	188	7	7	1	Chelsea Stanley						
26	11534	NET		BE	28-06-2024 02:10:28	28-06-2024 02:10:22	51 10.263 N	128 25.548 W	198	188				Chelsea Stanle	NA	NA				
26	11534	NET		BO	28-06-2024 02:16:42	28-06-2024 02:16:34	51 10.24 N	128 25.543 W		188				Chelsea Stanley						
26	11534	NET		EN	28-06-2024 02:20:29	28-06-2024 02:20:23	51 10.232 N	128 25.556 W		188				Chelsea Stanley						
27	11534	SET		BE	28-06-2024 02:32:33	29-06-2024 02:32:33	51 10.511 N	128 23.838 W	198	15				Jackie King	NA	NA				
27	11534	SET		EN	28-06-2024 03:05:47	28-06-2024 03:05:38	51 10.79 N	128 21.064 W	174	15				Jackie King						
28	11534	SET		BE	28-06-2024 05:09:33	28-06-2024 05:09:33	51 10.266 N	128 21.146 W	169	15				Jackie King	NA	NA				

DAILY SCIENCE LOG

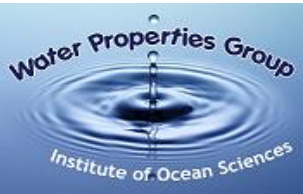
Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:			2024-026		Launch Daily Science Log		Print Daily Science Log WorkBook										CTD/Rosette Status			
Vessel:			Franklin																	
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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments		
							Latitude	Longitude			Start	End								
28	11534	SET		BO	28-06-2024 05:41:15	28-06-2024 05:41:15	51 10.021 N	125 23.776 W		15				Jackie King						
29	11407	SET		BE	28-06-2024 18:13:13	28-06-2024 18:13:13	51 8.854 N	128 27.978 W		0				Jackie King	NA	NA				
29	11407	SET		EN	28-06-2024 18:24:15	28-06-2024 18:24:15	51 8.647 N	128 30.660 W		0				Jackie King						
30	11526	SET		BE	28-06-2024 07:57:39	28-06-2024 07:57:39	51 11.577 N	128 48.778 W		15				Jackie King	NA	NA				
30	11526	SET		EN	28-06-2024 08:28:41	28-06-2024 08:28:41	51 11.354 N	128 51.264 W		15				Jackie King						
31	10650	ROS	US	BE	28-06-2024 22:33:13	28-06-2024 22:33:03	50 54.373 N	128 55.123 W	83	73	8	8	1	Chelsea Stanle	no	yes	no	Took bottle for Fukushima study		
31	10650	ROS	US	BO	28-06-2024 22:34:39	28-06-2024 22:34:31	50 54.388 N	128 55.121 W	83	73	8	8	1	Chelsea Stanley						
31	10650	ROS	US	EN	28-06-2024 22:38:28	28-06-2024 22:38:21	50 54.425 N	128 55.128 W	83	73	8	8	1	Chelsea Stanley						
32	10650	NET		BE	28-06-2024 22:43:16	28-06-2024 22:43:10	50 54.422 N	128 55.088 W	83	73				Chelsea Stanle	NA	NA				
32	10650	NET		BO	28-06-2024 22:45:51	28-06-2024 22:45:42	50 54.451 N	128 55.085 W	83	73				Chelsea Stanley						
32	10650	NET		EN	28-06-2024 22:47:10	28-06-2024 22:47:02	50 54.457 N	128 55.08 W	83	73				Chelsea Stanley						
33	10650	SET		BE	28-06-2024 23:07:04	28-06-2024 23:06:55	50 54.375 N	128 53.441 W	79	15				Jackie King	NA	NA				
33	10650	SET		EN	29-06-2024 00:36:15	29-06-2024 00:36:05	50 53.688 N	128 42.675 W	83	15				Jackie King						
34	10653	SET		BE	29-06-2024 00:36:49	29-06-2024 00:36:39	50 53.746 N	128 42.663 W	90	15				Jackie King	NA	NA				
34	10653	SET		EN	29-06-2024 01:20:21	29-06-2024 01:20:15	50 56.938 N	128 42.042 W		15				Jackie King						
35	10531	ROS	US	BE	29-06-2024 02:18:52	29-06-2024 02:18:42	50 52.124 N	128 33.439 W	57	47	9	9	1	Chelsea Stanle	no	yes	no			
35	10531	ROS	US	BO	29-06-2024 02:19:54	29-06-2024 02:19:43	50 52.12 N	128 33.437 W	56	47	9	9	1	Chelsea Stanley						
35	10531	ROS	US	EN	29-06-2024 02:22:13	29-06-2024 02:22:03	50 52.114 N	128 33.426 W	56	47	9	9	1	Chelsea Stanley						
36	10531	NET		BE	29-06-2024 02:27:32	29-06-2024 02:27:25	50 52.123 N	128 33.41 W	56	46				Chelsea Stanle	NA	NA				
36	10531	NET		BO	29-06-2024 02:29:05	29-06-2024 02:28:59	50 52.113 N	128 33.4 W	56	46				Chelsea Stanley						
36	10531	NET		EN	29-06-2024 02:30:04	29-06-2024 02:29:57	50 52.107 N	128 33.391 W	56	46				Chelsea Stanley						
37	13051	SET		BE	29-06-2024 05:10:17	29-06-2024 05:10:11	50 54.788 N	128 32.234 W	66	0				Jackie King	NA	NA				
37	10351	SET		EN	29-06-2024 05:43:42	29-06-2024 05:43:35	50 52.346 N	128 33.708 W		0				Jackie King						
38	10531	SET		BE	29-06-2024 05:44:27	29-06-2024 05:44:19	50 52.33 N	128 33.735 W	58	0				Jackie King	NA	NA				
38	10531	SET		EN	29-06-2024 05:44:30	29-06-2024 05:44:23	50 52.33 N	128 33.738 W		0				Jackie King						
39	10653	ROS	US	BE	29-06-2024 06:29:01	29-06-2024 06:28:54	50 54.231 N	128 40.587 W	85	75	10	10	1	Chelsea Stanle	no	yes	no			
39	10653	ROS	US	BO	29-06-2024 06:30:32	29-06-2024 06:30:24	50 54.24 N	128 40.608 W	88	78	10	10	1	Chelsea Stanley						
39	10653	ROS	US	EN	29-06-2024 06:33:26	29-06-2024 06:33:18	50 54.258 N	128 40.644 W	90	78	10	10	1	Chelsea Stanley						
40	10653	NET		BE	29-06-2024 06:38:08	29-06-2024 06:38:01	50 54.28 N	128 40.648 W	90	80				Chelsea Stanle	NA	NA				
40	10653	NET		BO	29-06-2024 06:40:53	29-06-2024 06:40:46	50 54.304 N	128 40.671 W	92	80				Chelsea Stanley						
40	10653	NET		EN	29-06-2024 06:43:22	29-06-2024 06:43:12	50 54.321 N	128 40.661 W	93	80				Chelsea Stanley						
41	10653	SET		BE	29-06-2024 06:53:33	29-06-2024 06:53:26	50 54.659 N	128 41.205 W	80	15				Jackie King	NA	NA				
41	10653	SET		EN	29-06-2024 07:34:10	29-06-2024 07:34:01	50 56.877 N	128 44.789 W		15				Jackie King						
42	10650	SET		BE	29-06-2024 08:16:26	29-06-2024 08:16:26	50 55.268 N	128 52.617 W	83	15				Jackie King	NA	NA				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:

Vessel:

2024-026

Franklin

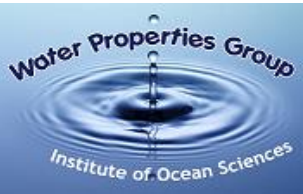
Launch Daily Science Log

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	
42	10650 SET			EN	29-06-2024 08:47:30	29-06-2024 08:47:30	50 56.822 N	128 53.983 W		15				Jackie King				
43	10896 ROS	US	BE		29-06-2024 22:43:16	29-06-2024 22:43:09	50 58.473 N	129 8.493 W	127	117	11	11	1	Chelsea Stanle	no	yes	no	
43	10896 ROS	US	BO		29-06-2024 22:45:23	29-06-2024 22:45:15	50 58.488 N	129 8.479 W		117	11	11	1	Chelsea Stanley				
43	10896 ROS	US	EN		29-06-2024 22:48:57	29-06-2024 22:48:49	50 58.52 N	129 8.45 W	128	117	11	11	1	Chelsea Stanley				
44	10896 NET		BE		29-06-2024 22:53:14	29-06-2024 22:53:04	50 58.516 N	129 8.433 W	128	118				Chelsea Stanle	NA	NA		
44	10896 NET		BO		29-06-2024 22:57:13	29-06-2024 22:57:03	50 58.549 N	129 8.39 W	128	117				Chelsea Stanley				
44	10896 NET		EN		29-06-2024 22:59:16	29-06-2024 22:59:09	50 58.565 N	129 8.372 W	128	117				Chelsea Stanley				
45	10896 SET		BE		29-06-2024 23:09:48	29-06-2024 23:09:48	50 59.048 N	129 7.167 W	127	15				Jackie King	NA	NA		
45	10896 SET		EN		30-06-2024 00:15:40	29-06-2024 23:41:31	51 1.238 N	129 5.261 W		15				Jackie King				
46	10898 SET		BE		30-06-2024 00:15:40	30-06-2024 00:15:40	51 0.511 N	129 0.973 W	127	15				Jackie King	NA	NA		
46	10898 SET		EN		30-06-2024 00:48:31	30-06-2024 00:48:31	51 1.390 N	128 58.387 W		15				Jackie King				
47	11151 ROS	US	BE		30-06-2024 01:35:15	30-06-2024 01:35:07	51 2.403 N	128 50.751 W	67	57	12	12	1	Chelsea Stanle	no	yes	no	
47	11151 ROS	US	BO		30-06-2024 01:36:18	30-06-2024 01:36:08	51 2.412 N	128 50.749 W	67	57	12	12	1	Chelsea Stanley				
47	11151 ROS	US	EN		30-06-2024 01:38:41	30-06-2024 01:38:32	51 2.42 N	128 50.738 W	67	57	12	12	1	Chelsea Stanley				
48	11151 NET		BE		30-06-2024 01:43:11	30-06-2024 01:43:03	51 2.427 N	128 50.723 W	67	57				Chelsea Stanle	NA	NA		
48	11151 NET		BO		30-06-2024 01:45:03	30-06-2024 01:44:53	51 2.431 N	128 50.717 W	67	57				Chelsea Stanley				
48	11151 NET		EN		30-06-2024 01:46:13	30-06-2024 01:46:07	51 2.443 N	128 50.712 W	67	57				Chelsea Stanley				
49	11151 SET		BE		30-06-2024 02:00:27	30-06-2024 02:00:27	51 3.519 N	128 50.084 W	67	0				Jackie King	NA	NA		
49	11151 SET		EN		30-06-2024 02:25:29	30-06-2024 02:25:29	51 4.620 N	128 49.893 W		0				Jackie King				
50	11151 SET		BE		30-06-2024 05:05:06	30-06-2024 05:05:00	51 6.133 N	128 49.86 W	84	0				Jackie King	NA	NA		
50	11151 SET		EN		30-06-2024 05:50:35	30-06-2024 05:50:28	51 3.282 N	128 51.189 W	67	0				Jackie King				
51	10898 ROS	US	BE		30-06-2024 06:30:01	30-06-2024 06:29:55	51 1.702 N	128 57.326 W	89	79	13	13	1	Chelsea Stanle	no	yes	no	
51	10898 ROS	US	BO		30-06-2024 06:31:33	30-06-2024 06:31:25	51 1.702 N	128 57.36 W	89	79	13	13	1	Chelsea Stanley				
51	10898 ROS	US	EN		30-06-2024 06:34:39	30-06-2024 06:34:31	51 1.703 N	128 57.421 W	89	79	13	13	1	Chelsea Stanley				
52	10898 NET		BE		30-06-2024 06:39:01	30-06-2024 06:38:51	51 1.677 N	128 57.482 W	89	79				Chelsea Stanle	NA	NA		
52	10898 NET		BO		30-06-2024 06:41:38	30-06-2024 06:41:28	51 1.68 N	128 57.563 W	89	79				Chelsea Stanley				
52	10898 NET		EN		30-06-2024 06:42:57	30-06-2024 06:42:48	51 1.675 N	128 57.574 W		79				Chelsea Stanley				
53	10898 SET		BE		30-06-2024 07:04:09	30-06-2024 07:04:09	51 0.684 N	128 58.813 W	84	15				Jackie King	NA	NA		
53	10898 SET		EN		30-06-2024 07:35:10	30-06-2024 07:35:10	50 59.733 N	129 1.299 W	88	15				Jackie King				
54	10896 SET		BE		30-06-2024 08:04:52	30-06-2024 08:04:52	51 0.617 N	129 5.587 W	120	0				Jackie King	NA	NA		
54	10896 SET		EN		30-06-2024 08:33:57	30-06-2024 08:33:57	51 0.181 N	129 8.248 W		0				Jackie King				
55	10395 ROS	US	BE		30-06-2024 22:35:00	30-06-2024 22:34:51	50 54.119 N	129 10.699 W	78	68	14	14	1	Chelsea Stanle	no	yes	no	
55	10395 ROS	US	BO		30-06-2024 22:36:20	30-06-2024 22:36:13	50 54.131 N	129 10.701 W		68	14	14	1	Chelsea Stanley				
55	10395 ROS	US	EN		30-06-2024 22:38:57	30-06-2024 22:38:48	50 54.126 N	129 10.739 W	78	68	14	14	1	Chelsea Stanley				
56	10395 NET		BE		30-06-2024 22:44:02	30-06-2024 22:43:53	50 54.154 N	129 10.773 W	78	68				Chelsea Stanle	NA	NA		

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:

Vessel:

2024-026

Franklin

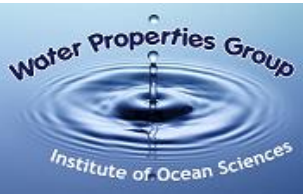
Launch Daily Science Log

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	
56	10395	NET		BO	30-06-2024 22:46:06	30-06-2024 22:45:58	50 54.174 N	129 10.774 W	78	68				Chelsea Stanley				
56	10395	NET		EN	30-06-2024 22:47:24	30-06-2024 22:47:13	50 54.186 N	129 10.78 W	78	68				Chelsea Stanley				
57	10395	SET		BE	30-06-2024 23:13:48	30-06-2024 23:13:48	50 52.961 N	129 10.776 W	77	0				Jackie King	NA	NA		
57	10395	SET		EN	30-06-2024 23:43:58	30-06-2024 23:43:58	50 51.858 N	129 10.797 W	82	0				Jackie King				
58	10769	SET		BE	01-07-2024 00:33:21	01-07-2024 00:33:21	50 57.051 N	129 14.561 W	135	15				Jackie King	NA	NA		
58	10769	SET		EN	01-07-2024 01:03:17	01-07-2024 01:03:17	50 58.339 N	129 12.636 W	146	15				Jackie King				
59	11145	ROS	US	BE	01-07-2024 01:45:32	01-07-2024 01:45:22	51 2.757 N	129 10.948 W	152	142	15	15	1	Chelsea Stanle	no	yes	no	
59	11145	ROS	US	BO	01-07-2024 01:47:52	01-07-2024 01:47:44	51 2.77 N	129 10.937 W	152	142	15	15	1	Chelsea Stanley				
59	11145	ROS	US	EN	01-07-2024 01:51:55	01-07-2024 01:51:46	51 2.786 N	129 10.916 W	152	142	15	15	1	Chelsea Stanley				
60	11145	NET		BE	01-07-2024 01:59:54	01-07-2024 01:59:45	51 2.787 N	129 10.874 W	152	142				Chelsea Stanle	NA	NA		
60	11145	NET		BO	01-07-2024 02:04:40	01-07-2024 02:04:34	51 2.781 N	129 10.844 W	152	142				Chelsea Stanley				
60	11145	NET		EN	01-07-2024 02:07:05	01-07-2024 02:06:58	51 2.796 N	129 10.827 W	152	142				Chelsea Stanley				
61	11145	SET		BE	01-07-2024 02:35:09	01-07-2024 02:35:09	51 3.817 N	129 10.257 W	152	15				Jackie King	NA	NA		
61	11145	SET		EN	01-07-2024 03:05:19	01-07-2024 03:05:19	51 5.144 N	129 9.208 W	145	15				Jackie King				
62	11145	SET		BE	01-07-2024 05:09:05	01-07-2024 05:09:05	51 5.112 N	129 9.892 W	153	15				Jackie King	NA	NA		
62	11145	SET		EN	01-07-2024 05:40:54	01-07-2024 05:40:54	51 3.688 N	129 11.203 W	154	15				Jackie King				
63	10769	ROS	US	BE	01-07-2024 06:23:06	01-07-2024 06:22:56	50 59.576 N	129 11.509 W	146	136	16	16	1	Chelsea Stanle	no	yes	no	
63	10769	ROS	US	BO	01-07-2024 06:25:34	01-07-2024 06:25:24	50 59.568 N	129 11.517 W		136	16	16	1	Chelsea Stanley				
63	10769	ROS	US	EN	01-07-2024 06:29:35	01-07-2024 06:29:27	50 59.557 N	129 11.516 W	145	136	16	16	1	Chelsea Stanley				
64	10769	NET		BE	01-07-2024 06:33:40	01-07-2024 06:33:33	50 59.552 N	129 11.494 W	145	135				Chelsea Stanle	NA	NA		
64	10769	NET		BO	01-07-2024 06:38:08	01-07-2024 06:37:59	50 59.513 N	129 11.531 W	145	135				Chelsea Stanley				
64	10769	NET		EN	01-07-2024 06:40:21	01-07-2024 06:40:11	50 59.493 N	129 11.556 W	145	135				Chelsea Stanley				
65	10769	SET		BE	01-07-2024 06:56:10	01-07-2024 06:56:10	50 58.573 N	129 12.548 W	145	15				Jackie King	NA	NA		
65	10769	SET		EN	01-07-2024 07:29:21	01-07-2024 07:29:21	50 57.105 N	129 13.846 W		15				Jackie King				
66	10395	SET		BE	01-07-2024 08:11:44	01-07-2024 08:11:44	50 52.368 N	129 10.598 W						Jackie King	NA	NA		
66	10395	SET		EN	01-07-2024 08:42:46	01-07-2024 08:42:46	50 50.621 N	129 11.040 W						Jackie King				
67	CTD_CAL	ROS	US	BE	01-07-2024 22:31:13	01-07-2024 22:31:04	50 36.451 N	128 46.051 W	473	463	17	31	15	Chelsea Stanle	no	yes	no	
67	CTD_CAL	ROS	US	BO	01-07-2024 22:38:46	01-07-2024 22:38:38	50 36.422 N	128 46.056 W	449	451	17	31	15	Chelsea Stanley				
67	CTD_CAL	ROS	US	EN	01-07-2024 23:07:13	01-07-2024 23:07:06	50 36.377 N	128 45.995 W	413	451	17	31	15	Chelsea Stanley				
68	9654	NET		BE	01-07-2024 23:44:35	01-07-2024 23:44:26	50 36.37 N	128 39.643 W	272	240				Chelsea Stanle	NA	NA		Bottom readings jumping too much to do 250m
68	9654	NET		BO	01-07-2024 23:52:29	01-07-2024 23:52:19	50 36.358 N	128 39.641 W	259	240				Chelsea Stanley				
68	9654	NET		EN	01-07-2024 23:56:38	01-07-2024 23:56:29	50 36.352 N	128 39.645 W		240				Chelsea Stanley				
69	9654	SET		BE	02-07-2024 00:31:01	02-07-2024 00:31:01	50 37.540 N	128 39.821 W	216	15				Jackie King	NA	NA		
69	9654	SET		EN	02-07-2024 01:03:51	02-07-2024 01:03:51	50 39.082 N	128 40.139 W	216	15				Jackie King				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:

Vessel:

2024-026

Franklin

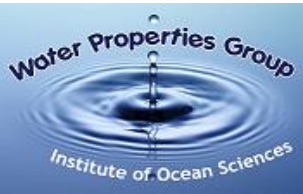
Launch Daily Science Log

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	
70	9904 SET			BE	02-07-2024 01:35:29	02-07-2024 01:35:29	50 41.951 N	128 38.536 W	150	0				Jackie King	NA	NA		
70	9904 SET			EN	02-07-2024 02:05:57	02-07-2024 02:05:57	50 43.484 N	128 39.755 W	118	0				Jackie King				
71	9656 SET			BE	02-07-2024 03:03:17	02-07-2024 03:03:17	50 39.381 N	128 33.988 W	170	15				Jackie King	NA	NA		
71	9656 SET			EN	02-07-2024 03:34:20	02-07-2024 03:34:20	50 37.992 N	128 32.944 W		15				Jackie King				
72	9656 ROS	US		BE	02-07-2024 04:34:05	02-07-2024 04:33:56	50 36.675 N	128 31.181 W	170	160	32	32	1	Chelsea Stanle	no	yes	no	
72	9656 ROS	US		BO	02-07-2024 04:36:52	02-07-2024 04:36:43	50 36.668 N	128 31.164 W	167	160	32	32	1	Chelsea Stanley				
72	9656 ROS	US		EN	02-07-2024 04:41:09	02-07-2024 04:40:58	50 36.65 N	128 31.144 W	167	157	32	32	1	Chelsea Stanley				
73	9656 NET			BE	02-07-2024 04:46:32	02-07-2024 04:46:22	50 36.632 N	128 31.143 W	167	157				Chelsea Stanle	NA			
73	9656 NET			BO	02-07-2024 04:51:50	02-07-2024 04:51:43	50 36.61 N	128 31.131 W	167	157				Chelsea Stanley				
73	9656 NET			EN	02-07-2024 04:54:34	02-07-2024 04:54:24	50 36.608 N	128 31.118 W	167	157				Chelsea Stanley				
74	9656 SET			BE	02-07-2024 05:07:15	02-07-2024 05:07:15	50 37.610 N	128 31.799 W	134	15				Jackie King	NA	NA		
74	9656 SET			EN	02-07-2024 05:38:17	02-07-2024 05:38:17	50 38.883 N	128 32.917 W		15				Jackie King				
75	9904 ROS	US		BE	02-07-2024 06:24:52	02-07-2024 06:24:44	50 41.077 N	128 36.783 W	145	135	33	33	1	Chelsea Stanle	no	yes	no	
75	9904 ROS	US		BO	02-07-2024 06:27:18	02-07-2024 06:27:08	50 41.068 N	128 36.782 W	145	135	33	33	1	Chelsea Stanley				
75	9904 ROS	US		EN	02-07-2024 06:32:03	02-07-2024 06:31:54	50 41.043 N	128 36.758 W	145	135	33	33	1	Chelsea Stanley				
76	9904 NET			BE	02-07-2024 06:35:16	02-07-2024 06:35:09	50 41.036 N	128 36.787 W	145	135				Chelsea Stanle	NA			
76	9904 NET			BO	02-07-2024 06:39:49	02-07-2024 06:39:42	50 41.022 N	128 36.822 W	146	135				Chelsea Stanley				
76	9904 NET			EN	02-07-2024 06:42:05	02-07-2024 06:41:58	50 41.012 N	128 36.825 W	146	135				Chelsea Stanley				
77	9904 SET			BE	02-07-2024 06:55:55	02-07-2024 06:55:55	50 41.930 N	128 37.853 W	146	0				Jackie King	NA	NA		
77	9904 SET			EN	02-07-2024 07:25:01	02-07-2024 07:25:01	50 43.020 N	128 39.310 W	121	0				Jackie King				
78	9654 SET			BE	02-07-2024 08:17:37	02-07-2024 08:17:37	50 39.263 N	128 38.899 W	216	15				Jackie King	NA	NA		
78	9654 SET			EN	02-07-2024 08:49:40	02-07-2024 08:49:40	50 37.713 N	128 38.578 W		15				Jackie King				
79	9035 ROS	US		BE	02-07-2024 22:33:13	02-07-2024 22:33:05	50 25.648 N	128 17.3 W	166	156	34	34	1	Chelsea Stanle	no	yes	no	
79	9035 ROS	US		BO	02-07-2024 22:35:52	02-07-2024 22:35:43	50 25.632 N	128 17.297 W	166	156	34	34	1	Chelsea Stanley				
79	9035 ROS	US		EN	02-07-2024 22:40:21	02-07-2024 22:40:12	50 25.595 N	128 17.291 W	166	156	34	34	1	Chelsea Stanley				
80	9035 NET			BE	02-07-2024 22:44:38	02-07-2024 22:44:30	50 25.563 N	128 17.291 W	166	156				Chelsea Stanle	NA			
80	9035 NET			BO	02-07-2024 22:49:56	02-07-2024 22:49:48	50 25.517 N	128 17.287 W	167	156				Chelsea Stanley				
80	9035 NET			EN	02-07-2024 22:52:38	02-07-2024 22:52:31	50 25.507 N	128 17.299 W	167	156				Chelsea Stanley				
81	9035 SET			BE	02-07-2024 23:08:50	02-07-2024 23:08:43	50 26.022 N	128 17.827 W	168	15				Jackie King	NA	NA		
81	9035 SET			EN	02-07-2024 23:43:01	02-07-2024 23:42:52	50 27.488 N	128 19.732 W	168	15				Jackie King				
82	9158 SET			BE	03-07-2024 00:31:55	03-07-2024 00:31:46	50 31.418 N	128 26.666 W		0				Jackie King	NA	NA		
82	9158 SET			EN	03-07-2024 01:06:42	03-07-2024 01:06:35	50 28.715 N	128 24.305 W	187	0				Jackie King				
83	9657 SET			BE	03-07-2024 02:47:37	04-07-2024 02:47:37	50 39.439 N	128 29.955 W	117	0				Jackie King	NA	NA		
83	9657 SET			EN	03-07-2024 03:16:43	03-07-2024 03:16:33	50 37.79 N	128 28.159 W	117	0				Jackie King				
84	9657 ROS	US		BE	03-07-2024 03:35:11	03-07-2024 03:35:02	50 37.466 N	128 27.662 W	102	92	35	35	1	Chelsea Stanle	no	yes	no	

DAILY SCIENCE LOG

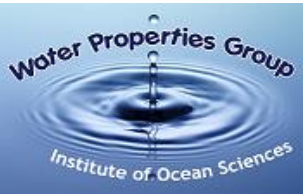
Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:			2024-026		Launch Daily Science Log		Print Daily Science Log WorkBook											CTD/Rosette Status		
Vessel:			Franklin																	
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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments		
							Latitude	Longitude			Start	End								
84	9657 ROS	US	US	BO	03-07-2024 03:37:02	03-07-2024 03:36:54	50 37.447 N	128 27.664 W	101	93	35	35	1	Chelsea Stanley						
84	9657 ROS	US	US	EN	03-07-2024 03:40:16	03-07-2024 03:40:07	50 37.428 N	128 27.684 W	102	93	35	35	1	Chelsea Stanley						
85	9657 NET			BE	03-07-2024 03:44:45	03-07-2024 03:44:38	50 37.404 N	128 27.698 W	103	94				Chelsea Stanle	NA	NA				
85	9657 NET			BO	03-07-2024 03:47:56	03-07-2024 03:47:49	50 37.387 N	128 27.696 W		94				Chelsea Stanley						
85	9657 NET			EN	03-07-2024 03:49:35	03-07-2024 03:49:24	50 37.381 N	128 27.698 W		94				Chelsea Stanley						
86	9657 SET			BE	03-07-2024 05:12:53	04-07-2024 05:12:53	50 39.013 N	128 30.146 W	130	0				Jackie King	NA	NA				
86	9657 SET			EN	03-07-2024 05:40:26	03-07-2024 05:40:18	50 37.205 N	128 28.61 W	130	0				Jackie King						
87	9158 ROS	US	US	BE	03-07-2024 06:35:49	03-07-2024 06:35:39	50 31.782 N	128 27.387 W	184	175	36	36	1	Chelsea Stanle	no	yes	no			
87	9158 ROS	US	US	BO	03-07-2024 06:38:55	03-07-2024 06:38:47	50 31.764 N	128 27.363 W	184	175	36	36	1	Chelsea Stanley						
87	9158 ROS	US	US	EN	03-07-2024 06:43:28	03-07-2024 06:43:19	50 31.747 N	128 27.36 W	185	175	36	36	1	Chelsea Stanley						
88	9158 NET			BE	03-07-2024 06:48:39	03-07-2024 06:48:32	50 31.708 N	128 27.335 W	185	175				Chelsea Stanle	NA	NA				
88	9158 NET			BO	03-07-2024 06:54:33	03-07-2024 06:54:25	50 31.671 N	128 27.271 W	185	175				Chelsea Stanley						
88	9158 NET			EN	03-07-2024 06:57:27	03-07-2024 06:57:18	50 31.666 N	128 27.257 W	184	175				Chelsea Stanley						
89	9158 SET			BE	03-07-2024 07:11:45	03-07-2024 07:11:35	50 30.85 N	128 26.674 W	185	0				Jackie King	NA	NA				
89	9158 SET			EN	03-07-2024 07:39:30	03-07-2024 07:39:20	50 28.74 N	128 25.234 W	190	0				Jackie King						
90	9654 SET			BE	03-07-2024 08:38:37	03-07-2024 21:43:27	50 28.219 N	128 19.807 W	216	15				Jackie King	NA	NA				
90	9654 SET			EN	03-07-2024 09:10:44	03-07-2024 21:43:35	50 26.816 N	128 18.068 W	216	15				Jackie King						
91	8165 ROS	US	US	BE	03-07-2024 22:33:19	03-07-2024 22:33:09	50 14.15 N	128 4.956 W	129	119	37	37	1	Chelsea Stanle	no	yes	no			
91	8165 ROS	US	US	BO	03-07-2024 22:35:28	03-07-2024 22:35:19	50 14.118 N	128 4.931 W	128	118	37	37	1	Chelsea Stanley						
91	8165 ROS	US	US	EN	03-07-2024 22:39:01	03-07-2024 22:38:52	50 14.062 N	128 4.914 W	128	118	37	37	1	Chelsea Stanley						
92	8165 NET			BE	03-07-2024 22:44:07	03-07-2024 22:44:00	50 14.022 N	128 4.952 W	128	118				Chelsea Stanle	NA	NA				
92	8165 NET			BO	03-07-2024 22:48:11	03-07-2024 22:48:03	50 13.975 N	128 4.968 W		118				Chelsea Stanley						
92	8165 NET			EN	03-07-2024 22:50:11	03-07-2024 22:50:04	50 13.949 N	128 4.983 W	129	118				Chelsea Stanley						
93	8165 SET			BE	03-07-2024 23:11:07	03-07-2024 23:11:08	50 12.718 N	128 3.790 W	129	15				Jackie King	NA	NA				
93	8165 SET			EN	03-07-2024 23:42:58	03-07-2024 23:42:51	50 10.657 N	128 2.622 W	100	15				Jackie King						
94	8790 SET			BE	04-07-2024 01:47:46	04-07-2024 01:47:38	50 25.274 N	128 4.507 W	63	15				Jackie King	NA	NA				
94	8790 SET			EN	04-07-2024 02:24:41	04-07-2024 02:24:33	50 22.432 N	128 2.844 W	76	15				Jackie King						
95	8913 SET			BE	04-07-2024 03:27:48	04-07-2024 03:27:39	50 27.142 N	128 10.621 W	84	0				Jackie King	NA	NA				
95	8913 SET			EN	04-07-2024 04:03:28	04-07-2024 04:03:20	50 24.287 N	128 7.674 W	87	0				Jackie King						
96	8913 ROS	US	US	BE	04-07-2024 04:22:33	04-07-2024 04:22:26	50 23.709 N	128 7.153 W	89	79	38	38	1	Chelsea Stanle	no	yes	no			
96	8913 ROS	US	US	BO	04-07-2024 04:24:10	04-07-2024 04:24:02	50 23.696 N	128 7.141 W		79	38	38	1	Chelsea Stanley						
96	8913 ROS	US	US	EN	04-07-2024 04:27:36	04-07-2024 04:27:28	50 23.648 N	128 7.103 W	89	79	38	38	1	Chelsea Stanley						
97	8913 NET			BE	04-07-2024 04:31:54	04-07-2024 04:31:43	50 23.587 N	128 7.047 W	89	79				Chelsea Stanle	NA	NA				
97	8913 NET			BO	04-07-2024 04:34:30	04-07-2024 04:34:22	50 23.563 N	128 7.041 W	89	79				Chelsea Stanley						
97	8913 NET			EN	04-07-2024 04:35:51	04-07-2024 04:35:42	50 23.558 N	128 7.044 W	89	79				Chelsea Stanley						

DAILY SCIENCE LOG

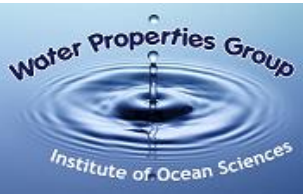
Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:			2024-026		Launch Daily Science Log		Print Daily Science Log WorkBook										CTD/Rosette Status			
Vessel:			Franklin																	
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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments		
							Latitude	Longitude			Start	End								
98	8913 SET			BE	04-07-2024 05:47:40	04-07-2024 05:47:30	50 24.568 N	128 7.33 W	89	0				Jackie King	NA	NA				
98	8913 SET			EN	04-07-2024 05:47:42	04-07-2024 05:47:34	50 24.566 N	128 7.328 W		0				Jackie King						
99	8790 ROS	N/A	BE		04-07-2024 06:28:10	04-07-2024 06:28:00	50 25.346 N	128 4.937 W	67	57				Chelsea Stanle	no	no	yes			
99	8790 ROS	N/A	BO		04-07-2024 06:29:22	04-07-2024 06:29:14	50 25.343 N	128 4.946 W		57				Chelsea Stanley						
99	87920 ROS	US	EN		04-07-2024 06:32:28	04-07-2024 06:32:19	50 25.336 N	128 4.97 W	68	57	39	39	1	Chelsea Stanley						
100	8790 NET		BE		04-07-2024 06:36:28	04-07-2024 06:36:18	50 25.322 N	128 5.004 W	67	57				Chelsea Stanle	NA	NA				
100	8790 NET		BO		04-07-2024 06:38:30	04-07-2024 06:38:22	50 25.317 N	128 5.028 W	68	57				Chelsea Stanley						
100	8790 NET		EN		04-07-2024 06:39:50	04-07-2024 06:39:40	50 25.315 N	128 5.037 W	67	57				Chelsea Stanley						
101	8790 SET		BE		04-07-2024 06:55:30	04-07-2024 06:55:30	50 24.192 N	128 4.131 W	69	15				Jackie King	NA	NA				
101	8790 SET		EN		04-07-2024 07:27:39	04-07-2024 07:27:39	50 22.655 N	128 3.313 W		15				Jackie King						
102	8165 SET		BE		04-07-2024 08:23:04	04-07-2024 08:23:04	50 13.189 N	128 3.541 W	97	15				Jackie King	NA	NA				
102	8165 SET		EN		04-07-2024 08:55:06	04-07-2024 08:55:06	50 11.436 N	128 2.650 W		15				Jackie King						
																		While extending boom, winch went slack and ROS hit edge of deck. Was able to recover and redeploy with CE monitoring. No apparent damage to sensors - data seems fine.		
103	4943 ROS	US	BE		04-07-2024 22:35:18	04-07-2024 22:35:08	49 16.959 N	126 33.764 W	94	84	40	40	1	Chelsea Stanle	no	yes	no			
103	4943 ROS	US	BO		04-07-2024 22:36:52	04-07-2024 22:36:44	49 16.96 N	126 33.779 W	94	84	40	40	1	Chelsea Stanley						
103	4943 ROS	US	EN		45477.94434	04-07-2024 22:39:43	49 16.961 N	126 33.785 W	94	84	40	40	1	Chelsea Stanley						
104	4943 NET		BE		04-07-2024 22:46:40	04-07-2024 22:46:28	49 16.976 N	126 33.771 W	94	84				Chelsea Stanle	NA	NA				
104	4943 NET		BO		04-07-2024 22:49:25	04-07-2024 22:49:15	49 16.973 N	126 33.81 W	94	84				Chelsea Stanley						
104	4943 NET		EN		04-07-2024 22:50:55	04-07-2024 22:50:46	49 16.972 N	126 33.831 W	94	84				Chelsea Stanley						
105	4943 SET		BE		04-07-2024 23:16:38	04-07-2024 23:16:28	49 15.771 N	126 32.5 W	94	15				Jackie King	NA	NA				
105	4943 SET		EN		04-07-2024 23:37:55	04-07-2024 23:37:46	49 14.717 N	126 31.356 W	96	15				Jackie King						
106	4821 SET		BE		05-07-2024 00:26:29	05-07-2024 00:26:29	49 13.534 N	126 22.660 W	75	15				Jackie King	NA	NA				
106	4821 SET		EN		05-07-2024 01:56:31	05-07-2024 01:56:31	49 12.746 N	126 20.862 W		15				Jackie King						
107	4321 ROS	US	BE		05-07-2024 01:59:24	05-07-2024 01:59:15	49 5.335 N	126 25.119 W	125	115	41	41	1	Chelsea Stanle	no	yes	no			
107	4321 ROS	US	BO		05-07-2024 02:01:31	05-07-2024 02:01:23	49 5.323 N	126 25.11 W	126	115	41	41	1	Chelsea Stanley						
107	4321 ROS	US	EN		05-07-2024 02:05:10	05-07-2024 02:05:00	49 5.297 N	126 25.083 W	126	115	41	41	1	Chelsea Stanley						
108	4321 NET		BE		05-07-2024 02:09:51	05-07-2024 02:09:43	49 5.275 N	126 25.077 W	126	116				Chelsea Stanle	NA	NA				
108	4321 NET		BO		05-07-2024 02:13:33	05-07-2024 02:13:25	49 5.272 N	126 25.097 W	126	116				Chelsea Stanley						
108	4321 NET		EN		05-07-2024 02:15:48	05-07-2024 02:15:40	49 5.258 N	126 25.088 W		116				Chelsea Stanley						
109	4321 SET		BE		05-07-2024 02:41:15	05-07-2024 02:41:15	49 4.621 N	126 23.753 W	126	15				Jackie King	NA	NA				
109	4321 SET		EN		05-07-2024 03:12:51	05-07-2024 03:12:51	49 3.785 N	126 21.648 W	15	15				Jackie King						

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

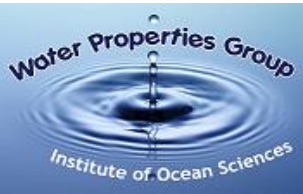
Launch Daily
Science Log

Print Daily Science
Log WorkBook

Vessel:			Franklin		Science Log		Log Workbook								CTD/Rosette Status			Institute of Ocean Sciences	
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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments	
							Latitude	Longitude			Start	End							
110	4321	SET		BE	05-07-2024 05:04:23	05-07-2024 05:04:15	49 5.31 N	126 24.886 W	126	15				Jackie King	NA	NA			
110	4321	SET		EN	05-07-2024 06:58:18	05-07-2024 06:58:09	49 13.51 N	126 24.054 W	126	15				Jackie King					
111	4821	ROS	US	BE	05-07-2024 07:07:17	05-07-2024 07:07:09	49 13.655 N	126 24.139 W	70	60	42	42	1	Chelsea Stanle	no	yes	no		
111	4821	ROS	US	BO	05-07-2024 07:08:28	05-07-2024 07:08:19	49 13.649 N	126 24.134 W	69	60	42	42	1	Chelsea Stanley					
111	4821	ROS	US	EN	05-07-2024 07:11:53	05-07-2024 07:11:43	49 13.631 N	126 24.118 W	69	60	42	42	1	Chelsea Stanley					
112	4821	NET		BE	05-07-2024 07:19:13	05-07-2024 07:19:03	49 13.545 N	126 24.006 W	69	60				Chelsea Stanle	NA	NA			
112	4821	NET		BO	05-07-2024 07:21:13	05-07-2024 07:21:05	49 13.529 N	126 24.002 W		60				Chelsea Stanley					
112	4821	NET		EN	05-07-2024 07:23:26	05-07-2024 07:23:15	49 13.528 N	126 24.019 W	69	60				Chelsea Stanley					
113	4821	SET		BE	05-07-2024 07:36:46	05-07-2024 07:36:46	49 13.288 N	126 22.494 W	60	15				Jackie King	NA	NA			
113	4821	SET		EN	05-07-2024 08:08:48	05-07-2024 08:08:48	49 12.443 N	126 20.406 W		15				Jackie King					
114	4943	SET		BE	05-07-2024 09:05:03	05-07-2024 09:04:55	49 13.472 N	126 30.514 W	102	15				Jackie King	NA	NA			
114	4943	SET		EN	05-07-2024 09:37:13	05-07-2024 09:37:03	49 15.498 N	126 31.299 W	90	15				Jackie King					
115	4202	ROS	US	BE	05-07-2024 22:34:28	05-07-2024 22:34:18	49 3.141 N	126 3.497 W	57	47	43	43	1	Chelsea Stanle	no	yes	no		
115	4202	ROS	US	BO	05-07-2024 22:35:24	05-07-2024 22:35:13	49 3.143 N	126 3.498 W	56	45	43	43	1	Chelsea Stanley					
115	4202	ROS	US	EN	05-07-2024 22:37:52	05-07-2024 22:37:43	49 3.148 N	126 3.483 W	55	45	43	43	1	Chelsea Stanley					
116	4202	NET		BE	05-07-2024 22:42:07	05-07-2024 22:41:59	49 3.151 N	126 3.471 W	56	45				Chelsea Stanle	NA	NA			
116	4202	NET		BO	05-07-2024 22:43:41	05-07-2024 22:43:31	49 3.148 N	126 3.472 W	55	45				Chelsea Stanley					
116	4202	NET		EN	05-07-2024 22:44:26	05-07-2024 22:44:16	49 3.146 N	126 3.47 W	56	45				Chelsea Stanley					
117	4202	SET		BE	05-07-2024 22:59:47	05-07-2024 22:59:38	49 3.027 N	126 3.65 W	59	15				Jackie King	NA	NA			
117	4202	SET		EN	06-07-2024 00:12:09	06-07-2024 00:12:01	48 56.706 N	125 57.734 W	59	15				Jackie King					
118	3829	SET		BE	06-07-2024 00:13:46	06-07-2024 00:13:37	48 56.576 N	125 57.646 W	62	0				Jackie King	NA	NA			
118	3829	SET		EN	06-07-2024 00:51:18	06-07-2024 00:51:10	48 53.831 N	125 56.513 W	61	0				Jackie King					
119	3832	ROS	US	BE	06-07-2024 01:41:41	06-07-2024 01:41:32	48 55.548 N	125 48.534 W	59	49	44	44	1	Chelsea Stanle	no	yes	no		
119	3832	ROS	US	BO	06-07-2024 01:42:38	06-07-2024 01:42:29	48 55.54 N	125 48.533 W	58	49	44	44	1	Chelsea Stanley					
119	3832	ROS	US	EN	06-07-2024 01:44:56	06-07-2024 01:44:48	48 55.517 N	125 48.491 W	58	49	44	44	1	Chelsea Stanley					
120	3832	NET		BE	06-07-2024 01:48:31	06-07-2024 01:48:21	48 55.485 N	125 48.433 W	58	48				Chelsea Stanle	NA	NA			
120	3832	NET		BO	06-07-2024 01:50:10	06-07-2024 01:49:58	48 55.47 N	125 48.411 W	57	48				Chelsea Stanley					
120	3832	NET		EN	06-07-2024 01:50:59	06-07-2024 01:50:48	48 55.462 N	125 48.396 W	57	48				Chelsea Stanley					
121	3832	SET		BE	06-07-2024 02:37:41	06-07-2024 02:37:41	48 55.068 N	125 47.852 W	57	0				Jackie King	NA	NA			
121	3832	SET		EN	06-07-2024 03:07:57	06-07-2024 03:07:57	48 53.207 N	125 45.684 W	57	0				Jackie King					
122	3832	SET		BE	06-07-2024 05:01:15	06-07-2024 05:01:06	48 56.102 N	125 49.326 W	51	0				Jackie King	NA	NA			
122	3832	SET		EN	06-07-2024 05:38:26	06-07-2024 05:38:18	48 54.173 N	125 45.23 W	108	0				Jackie King					
123	3829	ROS	US	BE	06-07-2024 07:02:06	06-07-2024 07:01:58	48 56.748 N	125 56.922 W	59	49	45	45	1	Chelsea Stanle	no	yes	no		
123	3829	ROS	US	BO	06-07-2024 07:03:14	06-07-2024 07:03:04	48 56.743 N	125 56.905 W	59	49	45	45	1	Chelsea Stanley					
123	3829	ROS	US	EN	06-07-2024 07:05:38	06-07-2024 07:05:27	48 56.737 N	125 56.894 W	59	49	45	45	1	Chelsea Stanley					

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

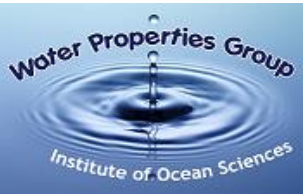
Launch Daily
Science Log

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	
124	3829	NET		BE	06-07-2024 07:10:00	06-07-2024 07:09:52	48 56.676 N	125 56.826 W	59	49				Chelsea Stanley	NA	NA		
124	3829	NET		BO	06-07-2024 07:11:36	06-07-2024 07:11:25	48 56.662 N	125 56.808 W	60	49				Chelsea Stanley				
124	3829	NET		EN	06-07-2024 07:13:16	06-07-2024 07:13:07	48 56.654 N	125 56.811 W	60	49				Chelsea Stanley				
125	3829	SET		BE	06-07-2024 07:48:51	06-07-2024 07:48:43	48 54.312 N	125 55.383 W	59	15				Jackie King	NA	NA		
125	3829	SET		EN	06-07-2024 09:42:57	06-07-2024 09:42:48	49 0.505 N	126 2.525 W	59	15				Jackie King				
126	4202	SET		BE	06-07-2024 09:43:16	06-07-2024 09:43:05	49 0.498 N	126 2.491 W	57	15				Jackie King	NA	NA		
126	4202	SET		EN	06-07-2024 10:58:44	06-07-2024 10:58:35	48 59.932 N	126 9.287 W	57	15				Jackie King				
127	3453	ROS	US	BE	06-07-2024 22:32:18	06-07-2024 22:32:08	48 50.423 N	126 1.958 W	83	73	46	46	1	Chelsea Stanley	no	yes	no	
127	3453	ROS	US	BO	06-07-2024 22:33:40	06-07-2024 22:33:28	48 50.426 N	126 1.949 W		73	46	46	1	Chelsea Stanley				
127	3453	ROS	US	EN	06-07-2024 22:36:42	06-07-2024 22:36:32	48 50.429 N	126 1.92 W	83	73	46	46	1	Chelsea Stanley				
128	3453	NET		BE	06-07-2024 22:40:42	06-07-2024 22:40:33	48 50.425 N	126 1.906 W	83	73				Chelsea Stanley	NA	NA		
128	3453	NET		BO	06-07-2024 22:43:13	06-07-2024 22:43:03	48 50.412 N	126 1.902 W	85	73				Chelsea Stanley				
128	3453	NET		EN	06-07-2024 22:44:19	06-07-2024 22:44:08	48 50.411 N	126 1.91 W		73				Chelsea Stanley				
129	3453	SET		BE	06-07-2024 22:58:27	06-07-2024 22:58:17	48 49.871 N	126 1.626 W	85	0				Jackie King	NA	NA		
129	3453	SET		EN	06-07-2024 23:32:57	06-07-2024 23:32:48	48 47.853 N	125 58.971 W	84	0				Jackie King				
130	3330	ROS	US	BE	06-07-2024 23:59:39	06-07-2024 23:59:30	48 47.051 N	125 56.875 W	80	70	47	47	1	Chelsea Stanley	no	yes	no	
130	3330	ROS	US	BO	07-07-2024 00:01:00	07-07-2024 00:00:50	48 47.048 N	125 56.862 W	77	67	47	47	1	Chelsea Stanley				
130	3330	ROS	US	EN	07-07-2024 00:03:46	07-07-2024 00:03:38	48 47.038 N	125 56.841 W	77	67	47	47	1	Chelsea Stanley				
131	3330	NET		BE	07-07-2024 00:08:50	07-07-2024 00:08:38	48 47.027 N	125 56.834 W	77	67				Chelsea Stanley	NA	NA		
131	3330	NET		BO	07-07-2024 00:11:11	07-07-2024 00:11:01	48 47.015 N	125 56.817 W	77	67				Chelsea Stanley				
131	3330	NET		EN	07-07-2024 00:12:23	07-07-2024 00:12:12	48 47.01 N	125 56.816 W		67				Chelsea Stanley				
132	3330	SET		BE	07-07-2024 00:50:52	07-07-2024 00:50:44	48 45.968 N	125 52.972 W	78	15				Jackie King	NA	NA		
132	3330	SET		EN	07-07-2024 01:36:46	07-07-2024 01:36:37	48 41.414 N	125 47.575 W		15				Jackie King				
133	3083	ROS	US	BE	07-07-2024 01:41:05	07-07-2024 01:40:53	48 41.405 N	125 47.55 W	68	58	48	48	1	Chelsea Stanley	no	yes	no	
133	3083	ROS	US	BO	07-07-2024 01:42:16	07-07-2024 01:42:08	48 41.405 N	125 47.536 W	69	59	48	48	1	Chelsea Stanley				
133	3083	ROS	US	EN	07-07-2024 01:44:50	07-07-2024 01:44:38	48 41.408 N	125 47.504 W	69	59	48	48	1	Chelsea Stanley				
134	3083	NET		BE	07-07-2024 01:49:56	07-07-2024 01:49:48	48 41.413 N	125 47.475 W	69	60				Chelsea Stanley	NA	NA		
134	3083	NET		BO	07-07-2024 01:52:02	07-07-2024 01:51:55	48 41.408 N	125 47.479 W	69	60				Chelsea Stanley				
134	3083	NET		EN	07-07-2024 01:53:10	07-07-2024 01:53:00	48 41.407 N	125 47.466 W	69	60				Chelsea Stanley				
135	3083	SET		BE	07-07-2024 02:39:31	07-07-2024 02:39:31	48 40.951 N	125 45.741 W	144	0				Jackie King	NA	NA		
135	3083	SET		EN	07-07-2024 03:08:36	07-07-2024 03:08:36	48 40.430 N	125 43.293 W	144	0				Jackie King				
136	3083	SET		BE	07-07-2024 05:11:36	07-07-2024 05:11:36	48 40.539 N	125 45.230 W	65	0				Jackie King	NA	NA		
136	3083	SET		EN	07-07-2024 05:42:42	07-07-2024 05:42:42	48 42.126 N	125 44.993 W	65	0				Jackie King				
137	3330	SET		BE	07-07-2024 06:58:05	07-07-2024 06:58:05	48 44.940 N	125 54.461 W	82	15				Jackie King	NA	NA		
137	3330	SET		EN	07-07-2024 07:30:13	07-07-2024 07:30:13	48 45.821 N	125 52.628 W	76	15				Jackie King				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

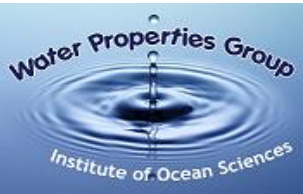
Launch Daily
Science Log

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	
138	3453	SET		BE	07-07-2024 08:43:47	07-07-2024 20:30:38	48 47.580 N	126 1.404 W	88	15				Jackie King	NA	NA		
138	3453	SET		EN	07-07-2024 09:13:52	07-07-2024 20:30:42	48 47.356 N	125 59.104 W	85	15				Jackie King				
139	3589	ROS	US	BE	07-07-2024 22:31:12	07-07-2024 22:31:01	48 49.751 N	125 26.904 W	95	85	49	49	1	Chelsea Stanle	no	no	yes	
139	3589	ROS	US	BO	07-07-2024 22:32:48	07-07-2024 22:32:37	48 49.745 N	125 26.894 W	96	85	49	49	1	Chelsea Stanley				
139	3589	ROS	US	EN	07-07-2024 22:36:02	07-07-2024 22:35:52	48 49.713 N	125 26.857 W	96	85	49	49	1	Chelsea Stanley				
140	3589	NET		BE	07-07-2024 22:40:23	07-07-2024 22:40:13	48 49.683 N	125 26.844 W	85	96				Chelsea Stanley	NA	NA		
140	3589	NET		BO	07-07-2024 22:43:18	07-07-2024 22:43:08	48 49.666 N	125 26.836 W		96				Chelsea Stanley				
140	3589	NET		EN	07-07-2024 22:44:49	07-07-2024 22:44:38	48 49.66 N	125 26.827 W	98	86				Chelsea Stanley				
141	3589	SET		BE	07-07-2024 23:07:23	07-07-2024 23:07:13	48 49.636 N	125 26 W	98	0				Jackie King	NA	NA		
141	3589	SET		EN	07-07-2024 23:44:54	07-07-2024 23:44:43	48 49.142 N	125 21.989 W	76	0				Jackie King				
142	3588	SET		EN	08-07-2024 00:43:39	08-07-2024 00:43:28	48 50.496 N	125 28.514 W	97	0				Jackie King				
143	3216	ROS	US	BE	08-07-2024 01:54:42	08-07-2024 01:54:33	48 42.709 N	125 21.071 W	65	55	50	50	1	Chelsea Stanle	no	yes	no	
143	3216	ROS	US	BO	08-07-2024 01:55:49	08-07-2024 01:55:38	48 42.7 N	125 21.058 W		55	50	50	1	Chelsea Stanley				
143	3216	ROS	US	EN	08-07-2024 01:58:37	08-07-2024 01:58:26	48 42.68 N	125 21.024 W	66	55	50	50	1	Chelsea Stanley				
144	3216	NET		BE	08-07-2024 02:03:35	08-07-2024 02:03:24	48 42.657 N	125 20.965 W	66	56				Chelsea Stanle	NA	NA		
144	3216	NET		BO	08-07-2024 02:05:28	08-07-2024 02:05:18	48 42.64 N	125 20.973 W	66	56				Chelsea Stanley				
144	3216	NET		EN	08-07-2024 02:06:27	08-07-2024 02:06:19	48 42.632 N	125 20.965 W	66	56				Chelsea Stanley				
145	3216	SET		BE	08-07-2024 02:39:31	08-07-2024 02:39:31	48 42.607 N	125 19.471 W	66	0				Jackie King	NA	NA		
145	3216	SET		EN	08-07-2024 03:09:40	08-07-2024 03:09:40	48 41.831 N	125 17.111 W	71	0				Jackie King				
146	3216	SET		BE	08-07-2024 05:10:12	08-07-2024 05:10:12	48 42.212 N	125 16.987 W	70	0				Jackie King	NA	NA		
146	3216	SET		EN	08-07-2024 05:39:44	08-07-2024 05:39:44	48 42.810 N	125 19.136 W	104	0				Jackie King				
147	3589	SET		BE	08-07-2024 06:45:31	08-07-2024 18:15:23	48 49.742 N	125 22.882 W	76	15				Jackie King	NA	NA		
147	3589	SET		EN	08-07-2024 07:17:36	08-07-2024 18:15:27	49 50.039 N	125 25.202 W	75	15				Jackie King				
148	3212	ROS	US	BE	11-07-2024 05:30:51	11-07-2024 05:30:40	48 41.093 N	125 28.054 W	168		51	51	1	Cindy Wright	yes	no	no	
148	3212	ROS	N/A	BO	11-07-2024 05:35:05	11-07-2024 05:34:57	48 41 N	125 28.031 W		157				Cindy Wright				
148	3212	ROS	N/A	EN	11-07-2024 05:38:50	11-07-2024 05:38:38	48 40.895 N	125 28.042 W		157				Cindy Wright				
149	3212	NET		BE	11-07-2024 05:44:50	11-07-2024 05:44:42	48 40.804 N	125 28.078 W	168					Cindy Wright	NA	NA		
149	3212	NET		BO	11-07-2024 05:49:57	11-07-2024 05:49:46	48 40.774 N	125 28.119 W		150				Cindy Wright				
149	3212	NET		EN	11-07-2024 05:52:33	11-07-2024 05:52:23	48 40.754 N	125 28.107 W						Cindy Wright				
150	3212	SET		BE	11-07-2024 06:00:10	11-07-2024 05:59:58	48 41.052 N	125 28.196 W	166	15				Jennifer Boldt	NA	NA		
150	3212	SET		EN	11-07-2024 06:43:20	11-07-2024 06:43:12	48 43.021 N	125 31.216 W		15				Jennifer Boldt				
151	3212	SET		BE	12-07-2024 00:19:49	12-07-2024 00:19:38	48 44.754 N	125 34.031 W	145	15				Jennifer Boldt	NA	NA		
152	2837	SET		BE	12-07-2024 01:55:59	12-07-2024 01:55:48	48 37.98 N	125 34.827 W	85	0				Jennifer Boldt	NA	NA		
151	3212	SET		EN	12-07-2024 00:58:36	12-07-2024 00:58:26	48 42.644 N	125 30.565 W		15				Jennifer Boldt				
152	2837	SET		EN	12-07-2024 02:32:45	12-07-2024 02:32:35	48 37.337 N	125 30.597 W		0				Jennifer Boldt				

DAILY SCIENCE LOG

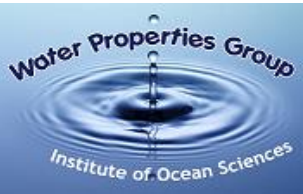
Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:			2024-026		Launch Daily Science Log		Print Daily Science Log WorkBook										CTD/Rosette Status			
Vessel:			Franklin		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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments		
Event Number	Station Name	Cast Type	Firing Method	Time Code			Latitude	Longitude			Start	End								
153	2837 ROS	US	US	BE	12-07-2024 02:59:09	12-07-2024 02:58:57	48 37.415 N	125 29.727 W	85		52	52	1	Cindy Wright	yes	no	no			
153	2837 ROS	US	BO		12-07-2024 03:00:20	12-07-2024 03:00:08	48 37.399 N	125 29.722 W		84	52	52	1	Cindy Wright				DP=0.7db		
153	2837 ROS	US	EN		12-07-2024 03:03:03	12-07-2024 03:02:52	48 37.377 N	125 29.791 W			52	52	1	Cindy Wright						
154	2837 NET			BE	12-07-2024 03:08:35	12-07-2024 03:08:25	48 37.32 N	125 29.826 W	83	73				Cindy Wright	NA	NA		not useable; lost roller off of the block		
																		Will not be able to do zoopl in rough weather due to loss of lower roller		
154	2837 NET			BO	12-07-2024 03:15:37	12-07-2024 03:15:27	48 37.263 N	125 30.11 W		73				Cindy Wright				sample not collected		
154	2837 NET			EN	12-07-2024 03:15:39	12-07-2024 03:15:31	48 37.263 N	125 30.115 W		73				Cindy Wright						
155	2837 SET			BE	12-07-2024 04:59:59	12-07-2024 04:59:48	48 37.492 N	125 35.173 W	121	15				Jennifer Boldt	NA	NA				
155	2837 SET			EN	12-07-2024 05:34:58	12-07-2024 05:34:49	48 36.691 N	125 31.094 W		15				Jennifer Boldt						
156	2335 ROS	US	US	BE	12-07-2024 07:10:31	12-07-2024 07:10:20	48 29.368 N	125 41.707 W	91.64		53	53	1	Cindy Wright	yes	no	no			
156	2335 ROS	US	BO		12-07-2024 07:11:38	12-07-2024 07:11:30	48 29.361 N	125 41.699 W		94	53	53	1	Cindy Wright						
156	2335 ROS	US	EN		12-07-2024 07:14:41	12-07-2024 07:14:31	48 29.365 N	125 41.7 W			53	53	1	Cindy Wright						
157	2335 SET			BE	12-07-2024 07:20:37	12-07-2024 07:20:26	48 29.38 N	125 41.628 W	91	0				Jennifer Boldt	NA	NA				
157	2335 SET			EN	12-07-2024 07:57:02	12-07-2024 07:56:53	48 28.195 N	125 37.781 W		0				Jennifer Boldt						
158	2590 ROS	US	US	BE	12-07-2024 22:48:11	12-07-2024 22:48:00	48 32.729 N	125 25.268 W	87		54	54	1	Cindy Wright	yes	no	no			
158	2590 ROS	US	BO		12-07-2024 22:50:22	12-07-2024 22:50:09	48 32.738 N	125 25.266 W		91	54	54	1	Cindy Wright						
158	2590 ROS	US	EN		12-07-2024 22:53:33	12-07-2024 22:53:21	48 32.72 N	125 25.262 W			54	54	1	Cindy Wright						
159	2590 NET			BE	12-07-2024 23:00:55		48 32.618 N	125 25.224 W	87	77				Cindy Wright	NA	NA				
159	2590 NET			BO	12-07-2024 23:03:49	12-07-2024 23:03:39	48 32.603 N	125 25.233 W		77				Cindy Wright						
159	2590 NET			EN	12-07-2024 23:11:05					77				Cindy Wright						
160	2590 SET			BE	12-07-2024 23:16:07	12-07-2024 23:15:58	48 32.615 N	125 24.998 W	84	15				Jennifer Boldt	NA	NA				
160	2590 SET			EN	12-07-2024 23:49:34	12-07-2024 23:49:25	48 32.144 N	125 21.644 W		15				Jennifer Boldt						
161	2467 SET			BE	13-07-2024 00:22:10	13-07-2024 00:21:58	48 30.479 N	125 19.05 W	118	15				Jennifer Boldt	NA	NA				
161	2467 SET			EN	13-07-2024 00:58:06	13-07-2024 00:57:57	48 28.934 N	125 15.782 W		15				Jennifer Boldt						
162	2470 ROS	US	US	BE	13-07-2024 01:46:41	13-07-2024 01:46:29	48 29.595 N	125 9.501 W	134		55	55	1	Cindy Wright	yes	no	no			
162	2470 ROS	US	BO		13-07-2024 01:49:14	13-07-2024 01:49:05	48 29.596 N	125 9.506 W		132	55	55	1	Cindy Wright						
162	2470 ROS	US	EN		13-07-2024 01:53:00	13-07-2024 01:52:50	48 29.594 N	125 9.458 W			55	55	1	Cindy Wright						
163	2470 NET			BE	13-07-2024 01:59:31	13-07-2024 01:59:18	48 29.582 N	125 9.348 W	134	124				Cindy Wright	NA	NA				
163	2470 NET			BO	13-07-2024 02:01:46	13-07-2024 02:01:34	48 29.584 N	125 9.356 W		124				Cindy Wright						
163	2470 NET			EN	13-07-2024 02:03:52	13-07-2024 02:03:42	48 29.586 N	125 9.348 W		124				Cindy Wright						
164	2470 SET			BE	13-07-2024 02:14:23	13-07-2024 02:14:11	48 29.6 N	125 9.038 W	136	0				Jennifer Boldt	NA	NA				
164	2470 SET			EN	13-07-2024 02:48:09	13-07-2024 02:47:58	48 29.6 N	125 5.324 W		0				Jennifer Boldt						
165	2470 SET			BE	13-07-2024 04:47:08	13-07-2024 04:46:59	48 29.687 N	125 2.726 W	132	0				Jennifer Boldt	NA	NA				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

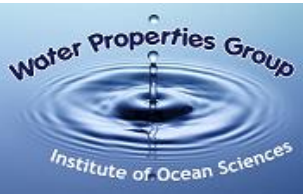
Launch Daily
Science Log

Print Daily Science
Log WorkBook

Vessel:			Franklin		Science Log		Log Workbook									CTD/Rosette Status			Institute of Ocean Sciences
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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments	
							Latitude	Longitude			Start	End							
165	2470	SET		EN	13-07-2024 05:23:48	13-07-2024 05:23:37	48 29.501 N	125 6.465 W		0			Jennifer Boldt						
166	2467	ROS	US	BE	13-07-2024 05:59:57	13-07-2024 05:59:45	48 29.364 N	125 7.406 W	144		56	56	1	Cindy Wright	yes	no	no		
166	2467	ROS	US	BO	13-07-2024 06:02:33	13-07-2024 06:02:23	48 29.347 N	125 7.416 W		142	56	56	1	Cindy Wright					
166	2467	ROS	US	EN	13-07-2024 06:06:40	13-07-2024 06:06:28	48 29.341 N	125 7.346 W			56	56	1	Cindy Wright					
167	2467	NET		BE	13-07-2024 06:12:59	13-07-2024 06:12:47	48 29.32 N	125 7.218 W	145	135			Cindy Wright	NA	NA				
167	2467	NET		BO	13-07-2024 06:15:25	13-07-2024 06:15:15	48 29.306 N	125 7.193 W		135			Cindy Wright						
167	2467	NET		EN	13-07-2024 06:17:43	13-07-2024 06:17:31	48 29.259 N	125 7.23 W		135			Cindy Wright						
168	2467	SET		BE	13-07-2024 07:02:48	13-07-2024 07:02:38	48 29.661 N	125 12.686 W	139	15			Jennifer Boldt	NA	NA				
168	2467	SET		EN	13-07-2024 07:34:47	13-07-2024 07:34:35	48 29.708 N	125 16.224 W		15			Jennifer Boldt						
169	2590	SET		BE	13-07-2024 08:20:05	13-07-2024 08:19:53	48 30.326 N	125 20.245 W	142	15			Jennifer Boldt	NA	NA				
169	2590	SET		EN	13-07-2024 08:48:06	13-07-2024 08:47:56	48 31.744 N	125 22.493 W		15			Jennifer Boldt						
170	1965	ROS	US	BE	13-07-2024 22:42:55	13-07-2024 22:42:43	48 22.984 N	125 19.625 W	118.5		57	57	1	Cindy Wright	yes	no	no		
170	1965	ROS	US	BO	13-07-2024 22:45:11	13-07-2024 22:45:00	48 22.965 N	125 19.596 W		116.5	57	57	1	Cindy Wright					
170	1965	ROS	US	EN	13-07-2024 22:48:46	13-07-2024 22:48:37	48 22.913 N	125 19.559 W		116.5	57	57	1	Cindy Wright					
171	1965	SET		BE	13-07-2024 23:06:55	13-07-2024 23:06:46	48 22.165 N	125 20.792 W	118	15			Jennifer Boldt	NA	NA	No bongo on 1965; block is apart			
171	1965	SET		EN	13-07-2024 23:41:13	13-07-2024 23:41:03	48 20.454 N	125 23.139 W		15			Jennifer Boldt						
172	1837	SET		BE	14-07-2024 00:30:18	14-07-2024 00:30:08	48 19.667 N	125 29.294 W	132	15			Jennifer Boldt	NA	NA				
172	1837	SET		EN	14-07-2024 01:05:32	14-07-2024 01:05:22	48 19.636 N	125 32.747 W		15			Jennifer Boldt						
173	1833	ROS	US	BE	14-07-2024 02:45:21	14-07-2024 02:45:11	48 20.054 N	125 48.957 W	168		58	58	1	Cindy Wright	yes	no	no		
173	1833	ROS	US	BO	14-07-2024 02:49:00	14-07-2024 02:48:50	48 20.031 N	125 48.973 W		167	58	58	1	Cindy Wright					
173	1833	ROS	US	EN	14-07-2024 02:54:02	14-07-2024 02:53:49	48 19.97 N	125 48.898 W			58	58	1	Cindy Wright					
174	1833	NET		BE	14-07-2024 03:01:15	14-07-2024 03:01:05	48 19.853 N	125 48.765 W	169	159			Cindy Wright	NA	NA				
174	1833	NET		BO	14-07-2024 03:04:02	14-07-2024 03:03:50	48 19.83 N	125 48.749 W					Cindy Wright						
174	1833	NET		EN	14-07-2024 03:06:48	14-07-2024 03:06:38	48 19.816 N	125 48.774 W	169	159			Cindy Wright						
175	1833	SET		BE	14-07-2024 03:12:09	14-07-2024 03:11:56	48 19.726 N	125 48.624 W	170	0			Jennifer Boldt	NA	NA				
175	1833	SET		EN	14-07-2024 03:46:37	14-07-2024 03:46:28	48 19.287 N	125 44.169 W		0			Jennifer Boldt						
176	1833	SET		BE	14-07-2024 04:57:59	14-07-2024 04:57:48	48 21.514 N	125 48.02 W	153	0			Jennifer Boldt	NA	NA	missed EN: see GFBIO			
177	1837	ROS	US	BE	14-07-2024 06:32:21	14-07-2024 06:32:10	48 21.23 N	125 35.609 W	146		59	59	1	Cindy Wright	yes	no	no		
177	1837	ROS	US	BO	14-07-2024 06:35:18	14-07-2024 06:35:09	48 21.168 N	125 35.541 W		145	59	59	1	Cindy Wright					
177	1837	ROS	US	EN	14-07-2024 06:39:49	14-07-2024 06:39:38	48 21.125 N	125 35.578 W			59	59	1	Cindy Wright					
178	1837	NET		BE	14-07-2024 06:46:31	14-07-2024 06:46:18	48 21.003 N	125 35.457 W	145	135			Cindy Wright	NA	NA				
178	1837	NET		BO	14-07-2024 06:49:17	14-07-2024 06:49:04	48 20.962 N	125 35.446 W		135			Cindy Wright						
178	1837	NET		EN	14-07-2024 06:51:38	14-07-2024 06:51:28	48 20.949 N	125 35.457 W		135			Cindy Wright						

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

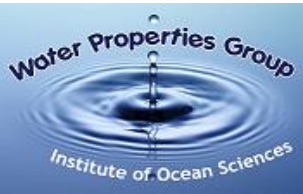
Launch Daily
Science Log

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	
179	1837 SET			BE	14-07-2024 06:56:17	14-07-2024 06:56:04	48 20.885 N	125 35.388 W	144	15				Jennifer Boldt	NA	NA		
179	1837 SET			EN	14-07-2024 07:30:03	14-07-2024 07:29:54	48 18.673 N	125 32.26 W		15				Jennifer Boldt				
180	1965 NET			BE	14-07-2024 08:31:24	14-07-2024 08:31:13	48 20.375 N	125 24.488 W	155	145				Cindy Wright	NA	NA		
180	1965 NET			BO	14-07-2024 08:34:07	14-07-2024 08:33:57	48 20.37 N	125 24.512 W		145				Cindy Wright				
180	1965 NET			EN	14-07-2024 08:36:40	14-07-2024 08:36:28	48 20.368 N	125 24.53 W		145				Cindy Wright				
181	2950 ROS	US		BE	14-07-2024 22:35:05	14-07-2024 22:34:55	48 41.722 N	126 12.555 W	163		60	60	1	Cindy Wright	yes	no	no	
181	2950 ROS	US		BO	14-07-2024 22:37:59	14-07-2024 22:37:46	48 41.708 N	126 12.532 W		162	60	60	1	Cindy Wright				
181	2950 ROS	US		EN	14-07-2024 22:42:07	14-07-2024 22:41:56	48 41.677 N	126 12.457 W		162	60	60	1	Cindy Wright				
182	2950 NET			BE	14-07-2024 22:47:12	14-07-2024 22:46:59	48 41.689 N	126 12.497 W	163	153				Cindy Wright	NA	NA		
182	2950 NET			BO	14-07-2024 22:50:00	14-07-2024 22:49:49	48 41.675 N	126 12.474 W		153				Cindy Wright				
182	2950 NET			EN	14-07-2024 22:52:43	14-07-2024 22:52:31	48 41.659 N	126 12.44 W		153				Cindy Wright				
183	2950 SET			BE	14-07-2024 22:57:35	14-07-2024 22:57:23	48 41.569 N	126 12.356 W	163	15				Jennifer Boldt	NA	NA		
183	2950 SET			EN	14-07-2024 23:33:37	14-07-2024 23:33:25	48 39.025 N	126 9.844 W		15				Jennifer Boldt				
184	2829 SET			BE	15-07-2024 00:23:34	15-07-2024 00:23:23	48 38.654 N	125 59.951 W	109	15				Jennifer Boldt	NA	NA		
184	2829 SET			EN	15-07-2024 00:52:08	15-07-2024 00:51:55	48 37.647 N	125 56.728 W		15				Jennifer Boldt				
185	2578 ROS	US		BE	15-07-2024 01:48:32	15-07-2024 01:48:22	48 35.069 N	126 3.431 W	138		61	61	1	Cindy Wright	yes	no	no	
185	2578 ROS	US		BO	15-07-2024 01:51:00	15-07-2024 01:50:48	48 35.031 N	126 3.371 W		137	61	61	1	Cindy Wright				
185	2578 ROS	US		EN	15-07-2024 01:55:00	15-07-2024 01:54:49	48 35.021 N	126 3.385 W		137	61	61	1	Cindy Wright				
186	2578 NET			BE	15-07-2024 02:01:21	15-07-2024 02:01:11	48 34.922 N	126 3.156 W	138	128				Cindy Wright	NA	NA		
186	2578 NET			BO	15-07-2024 02:03:52	15-07-2024 02:03:40	48 34.891 N	126 3.138 W		128				Cindy Wright				
186	2578 NET			EN	15-07-2024 02:06:03	15-07-2024 02:05:52	48 34.859 N	126 3.134 W		128				Cindy Wright				
187	2578 SET			BE	15-07-2024 02:12:40	15-07-2024 02:12:28	48 34.597 N	126 2.969 W	137.3	0				Jennifer Boldt	NA	NA		
187	2578 SET			EN	15-07-2024 02:42:38	15-07-2024 02:42:29	48 32.325 N	126 0.327 W		0				Jennifer Boldt				
188	2578 SET			BE	15-07-2024 04:48:19	15-07-2024 04:48:10	48 35.288 N	126 3.348 W	134	0				Jennifer Boldt	NA	NA		
188	2578 SET			EN	15-07-2024 05:20:38	15-07-2024 05:20:28	48 32.59 N	126 0.796 W		0				Jennifer Boldt				
189	2829 ROS	US		BE	15-07-2024 06:34:22	15-07-2024 06:34:12	48 38.518 N	126 0.638 W	112		62	62	1	Cindy Wright	yes	no	no	
189	2829 ROS	US		BO	15-07-2024 06:36:36	15-07-2024 06:36:26	48 38.485 N	126 0.613 W		111	62	62	1	Cindy Wright				
189	2829 ROS	US		EN	15-07-2024 06:39:54	15-07-2024 06:39:42	48 38.467 N	126 0.64 W			62	62	1	Cindy Wright				
190	2829 NET			BE	15-07-2024 06:44:40	15-07-2024 06:44:27	48 38.409 N	126 0.611 W	111					Cindy Wright	NA	NA		
190	2829 NET			BO	15-07-2024 06:46:39	15-07-2024 06:46:26	48 38.385 N	126 0.588 W						Cindy Wright				
190	2829 NET			EN	15-07-2024 06:48:17	15-07-2024 06:48:05	48 38.355 N	126 0.555 W	111	100				Cindy Wright				
191	2829 SET			BE	15-07-2024 06:52:39	15-07-2024 06:52:29	48 38.364 N	126 0.648 W	111	15				Jennifer Boldt	NA	NA		
191	2829 SET			EN	15-07-2024 07:37:49	15-07-2024 07:37:38	48 35.927 N	125 56.714 W		15				Jennifer Boldt				
192	2950 SET			BE	15-07-2024 08:59:28	15-07-2024 08:59:18	48 41.353 N	126 12.416 W	164	15				Jennifer Boldt	NA	NA		
192	2950 SET			EN	15-07-2024 09:31:44	15-07-2024 09:31:32	48 39.261 N	126 9.569 W		15				Jennifer Boldt				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

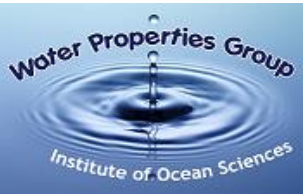
Launch Daily
Science Log

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	
193	3577 ROS		US	BE	15-07-2024 22:36:36	15-07-2024 22:36:24	48 52.296 N	126 6.46 W	95		63	63	1	Cindy Wright	yes	no	no	
193	3577 ROS		US	BO	15-07-2024 22:38:13	15-07-2024 22:38:00	48 52.294 N	126 6.432 W		88	63	63	1	Cindy Wright				
193	3577 ROS		US	EN	15-07-2024 22:41:20	15-07-2024 22:41:08	48 52.286 N	126 6.366 W			63	63	1	Cindy Wright				
194	3577 NET			BE	15-07-2024 22:46:58	15-07-2024 22:46:48	48 52.258 N	126 6.24 W	94	84				Cindy Wright	NA	NA		
194	3577 NET			BO	15-07-2024 22:48:45	15-07-2024 22:48:32	48 52.263 N	126 6.224 W		84				Cindy Wright				
194	3577 NET			EN	15-07-2024 22:50:11	15-07-2024 22:49:59	48 52.281 N	126 6.215 W		84				Cindy Wright				
195	3577 SET			BE	15-07-2024 22:58:08	15-07-2024 22:57:58	48 52.14 N	126 6.03 W	92	0				Jennifer Boldt	NA	NA		
195	3577 SET			EN	15-07-2024 23:34:06	15-07-2024 23:33:55	48 50.305 N	126 3.269 W		0				Jennifer Boldt				
196	3327 SET			BE	16-07-2024 00:43:17	16-07-2024 00:43:05	48 48.325 N	126 5.238 W	103	0				Jennifer Boldt	NA	NA		
196	3327 SET			EN	16-07-2024 01:19:00	16-07-2024 01:18:48	48 46.08 N	126 3.033 W		0				Jennifer Boldt				
197	3325 ROS		US	BE	16-07-2024 02:17:47	16-07-2024 02:17:36	48 46.559 N	126 6.748 W	117		64	64	1	Cindy Wright	yes	no	no	
197	3325 ROS		US	EN	16-07-2024 02:23:42	16-07-2024 02:23:32	48 46.511 N	126 6.746 W		111.5	64	64	1	Cindy Wright				
198	3325 NET			BE	16-07-2024 02:29:14	16-07-2024 02:29:01	48 46.436 N	126 6.663 W	117	107				Cindy Wright	NA	NA		
198	3325 NET			BO	16-07-2024 02:31:24	16-07-2024 02:31:15	48 46.408 N	126 6.641 W		107				Cindy Wright				
198	3325 NET			EN	16-07-2024 02:33:23	16-07-2024 02:33:13	48 46.385 N	126 6.629 W		107				Cindy Wright				
199	3325 SET			BE	16-07-2024 02:39:55	16-07-2024 02:39:45	48 46.335 N	126 7.048 W	119	0				Jennifer Boldt	NA	NA		
199	3325 SET			EN	16-07-2024 03:00:54	16-07-2024 03:00:42	48 46.248 N	126 8.991 W		0				Jennifer Boldt				
200	3325 SET			BE	16-07-2024 04:43:17	16-07-2024 04:43:05	48 47.966 N	126 12.012 W	143	0				Jennifer Boldt	NA	NA		
200	3325 SET			EN	16-07-2024 05:17:38	16-07-2024 05:17:26	48 45.32 N	126 9.674 W		0				Jennifer Boldt				
201	3327 ROS		US	BE	16-07-2024 06:08:22	16-07-2024 06:08:11	48 46.819 N	126 6.531 W	114		65	65	1	Cindy Wright	yes	no	no	bottle didn't fire, no sample
201	3327 ROS		US	BO	16-07-2024 06:10:33	16-07-2024 06:10:23	48 46.79 N	126 6.505 W		108	65	65	1	Cindy Wright				
201	3327 ROS		US	EN	16-07-2024 06:14:04	16-07-2024 06:13:53	48 46.759 N	126 6.483 W			65	65	1	Cindy Wright				
202	3327 NET			BE	16-07-2024 06:20:27	16-07-2024 06:20:13	48 46.619 N	126 6.353 W	114	109				Cindy Wright	NA	NA		see notes regarding flow meter
202	3327 NET			BO	16-07-2024 06:24:29	16-07-2024 06:24:18	48 46.597 N	126 6.345 W		109				Cindy Wright				
202	3327 NET			EN	16-07-2024 06:24:31	16-07-2024 06:24:18	48 46.597 N	126 6.345 W		109				Cindy Wright				
203	3327 SET			BE	16-07-2024 06:29:53	16-07-2024 06:29:40	48 46.533 N	126 6.234 W	113	0				Jennifer Boldt	NA	NA		
203	3327 SET			EN	16-07-2024 06:57:03	16-07-2024 06:56:50	48 45.669 N	126 3.475 W		0				Jennifer Boldt				
204	3577 SET			BE	16-07-2024 08:09:41	16-07-2024 08:09:30	48 51.907 N	126 6.026 W	93	0				Jennifer Boldt	NA	NA		
204	3577 SET			EN	16-07-2024 08:28:38	16-07-2024 08:28:27	48 51.072 N	126 4.545 W		0				Jennifer Boldt				
205	4075 ROS		US	BE	16-07-2024 22:33:44	16-07-2024 22:33:33	49 1.4 N	126 11.842 W	81		66	66	1	Cindy Wright	yes	no	no	
205	4075 ROS		US	BO	16-07-2024 22:35:28	16-07-2024 22:35:18	49 1.408 N	126 11.823 W		77.5	66	66	1	Cindy Wright				
205	4075 ROS		US	EN	16-07-2024 22:38:23	16-07-2024 22:38:13	49 1.407 N	126 11.8 W		77.5	66	66	1	Cindy Wright				
206	4075 NET			BE	16-07-2024 22:44:17	16-07-2024 22:44:06	49 1.405 N	126 11.741 W	82	72				Cindy Wright	NA	NA		
206	4075 NET			BO	16-07-2024 22:45:47	16-07-2024 22:45:34	49 1.405 N	126 11.754 W		72				Cindy Wright				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

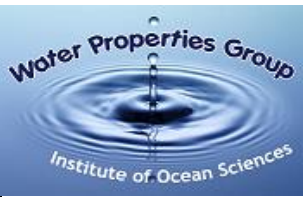
Launch Daily
Science Log

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	
206	4075	NET		EN	16-07-2024 22:47:05	16-07-2024 22:46:53	49 1.405 N	126 11.772 W		72				Cindy Wright				
207	4075	SET		BE	16-07-2024 22:55:50	16-07-2024 22:55:38	49 1.142 N	126 11.554 W	82	15				Jennifer Boldt	NA	NA		
207	4075	SET		EN	16-07-2024 23:29:16	16-07-2024 23:29:03	48 59.508 N	126 9.423 W		15				Jennifer Boldt				
208	3695	SET		BE	17-07-2024 00:52:09	17-07-2024 00:51:56	48 55.543 N	126 26.689 W	165	0				Jennifer Boldt	NA	NA		
208	3695	SET		EN	17-07-2024 01:33:12	17-07-2024 01:33:01	48 53.104 N	126 25.107 W		0				Jennifer Boldt				
209	3569	ROS	US	BE	17-07-2024 02:27:32	17-07-2024 02:27:22	48 49.699 N		196		67	67	1	Cindy Wright	yes	no	no	
209	3569	ROS	US	BO	17-07-2024 02:30:55	17-07-2024 02:30:44	48 49.681 N	126 26.967 W		191	67	67	1	Cindy Wright				
209	3569	ROS	N/A	EN	17-07-2024 02:35:56	17-07-2024 02:35:46	48 49.669 N	126 26.937 W										
210	3569	NET		BE	17-07-2024 02:41:26	17-07-2024 02:41:13	48 49.637 N	126 26.846 W	198	188				Cindy Wright	NA	NA		
210	3569	NET		BO	17-07-2024 02:44:55	17-07-2024 02:44:43	48 49.633 N	126 26.832 W		188				Cindy Wright				
210	3569	NET		EN	17-07-2024 02:48:09	17-07-2024 02:47:58	48 49.625 N	126 26.828 W		188				Cindy Wright				
211	3569	SET		BE	17-07-2024 02:51:47	17-07-2024 02:51:34	48 49.64 N	126 26.817 W	197	15				Jennifer Boldt	NA	NA		
211	3569	SET		EN	17-07-2024 03:18:37	17-07-2024 03:18:26	48 51.037 N	126 28.612 W		15				Jennifer Boldt				
212	3569	SET		BE	17-07-2024 04:51:44	17-07-2024 04:51:33	48 53.114 N	126 31.558 W	231	0				Jennifer Boldt	NA	NA		
212	3569	SET		EN	17-07-2024 05:18:13	17-07-2024 05:18:02	48 51.318 N	126 29.708 W						Jennifer Boldt				
213	3695	SET		BE	17-07-2024 06:14:48	17-07-2024 06:14:35	48 54.174 N	126 26.886 W	167	0				Jennifer Boldt	NA	NA		started late, see GFBIO
213	3695	SET		EN	17-07-2024 06:25:17	17-07-2024 06:25:04	48 53.611 N	126 26.173 W		0				Jennifer Boldt				
214	4075	SET		BE	17-07-2024 07:49:37	17-07-2024 07:49:25	49 1.069 N	126 11.939 W	85	15				Jennifer Boldt	NA	NA		
214	4075	SET		EN	17-07-2024 08:14:39	17-07-2024 08:14:27	48 59.726 N	126 10.198 W		15				Jennifer Boldt				
215	7423	ROS	US	BE	17-07-2024 23:06:52	17-07-2024 23:06:42	50 1.157 N	127 39.09 W	79		68	68	1	Cindy Wright	yes	no	no	
215	7423	ROS	US	BO	17-07-2024 23:08:51	17-07-2024 23:08:38	50 1.176 N	127 39.137 W		74	68	68	1	Cindy Wright				
215	7423	ROS	US	EN	17-07-2024 23:11:46	17-07-2024 23:11:36	50 1.183 N	127 39.14 W		74	68	68	1	Cindy Wright				
216	7423	NET		BE	17-07-2024 23:17:30	17-07-2024 23:17:20	50 1.199 N	127 39.114 W	79	69				Cindy Wright	NA	NA		
216	7423	NET		BO	17-07-2024 23:19:02	17-07-2024 23:18:52	50 1.204 N	127 39.13 W		69				Cindy Wright				
216	7423	NET		EN	17-07-2024 23:20:21	17-07-2024 23:20:11	50 1.198 N	127 39.16 W		69				Cindy Wright				
217	7423	SET		BE	17-07-2024 23:25:28	17-07-2024 23:25:15	50 1.163 N	127 39.209 W	79	0				Jennifer Boldt	NA	NA		
217	7423	SET		EN	18-07-2024 00:00:47	18-07-2024 00:00:34	49 59.315 N	127 37.09 W						Jennifer Boldt				
218	7175	SET		BE	18-07-2024 00:56:13	18-07-2024 00:56:00	49 56.434 N	127 32.592 W	63	15				Jennifer Boldt	NA	NA		
218	7175	SET		EN	18-07-2024 01:47:20	18-07-2024 01:47:09	49 54.623 N	127 29.343 W		15				Jennifer Boldt				
219	6804	SET		BE	18-07-2024 02:41:27	18-07-2024 02:41:17	49 48.982 N	127 19.193 W	78	0				Jennifer Boldt	NA	NA		
219	6804	SET		EN	18-07-2024 03:03:41	18-07-2024 03:03:28	49 48.904 N	127 17.03 W		0				Jennifer Boldt				
220	6804	SET		BE	18-07-2024 04:52:46	18-07-2024 04:52:35	49 46.721 N	127 14.654 W	57	0				Jennifer Boldt	NA	NA		
220	6804	SET		EN	18-07-2024 05:18:50	18-07-2024 05:18:37	49 48.525 N	127 17.049 W						Jennifer Boldt				
221	7175	ROS	US	BE	18-07-2024 06:32:14	18-07-2024 06:32:03	49 53.215 N	127 27.211 W	75		69	69	1	Cindy Wright	yes	no	no	
221	7175	ROS	US	BO	18-07-2024 06:33:34	18-07-2024 06:33:22	49 53.229 N	127 27.223 W		71	69	69	1	Cindy Wright				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number:

Vessel:

2024-026

Franklin

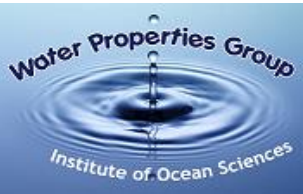
Launch Daily Science Log

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	
221	7175 ROS		US	EN	18-07-2024 06:36:12	18-07-2024 06:36:02	49 53.252 N	127 27.256 W		71	69	69	1	Cindy Wright				
222	7175 NET			BE	18-07-2024 06:41:44	18-07-2024 06:41:31	49 53.256 N	127 27.259 W	75	65				Cindy Wright	NA	NA		
222	7175 NET			BO	18-07-2024 06:43:07	18-07-2024 06:42:53	49 53.263 N	127 27.264 W		65				Cindy Wright				
222	7175 NET			EN	18-07-2024 06:44:20	18-07-2024 06:44:08	49 53.279 N	127 27.279 W		65				Cindy Wright				
223	7175 SET			BE	18-07-2024 06:48:31	18-07-2024 06:48:19	49 53.264 N	127 27.293 W	75	15				Jennifer Boldt	NA	NA		
223	7175 SET			EN	18-07-2024 07:24:31	18-07-2024 07:24:18	49 55.444 N	127 30.735 W		15				Jennifer Boldt				
224	7423 SET			BE	18-07-2024 08:04:47	18-07-2024 08:04:35	49 58.069 N	127 35.298 W	78	0					NA	NA		
224				EN	18-07-2024 08:20:15	18-07-2024 08:20:03	49 58.819 N	127 36.597 W										
225	6679 ROS		US	BE	18-07-2024 22:37:40	18-07-2024 22:37:29	49 44.077 N	127 14.032 W	90		70	70	1	Cindy Wright	yes	no	no	
225	6679 ROS		US	BO	18-07-2024 22:39:26	18-07-2024 22:39:13	49 44.1 N	127 14.062 W		84	70	70	1	Cindy Wright				
225	6679 ROS		US	EN	18-07-2024 22:42:38	18-07-2024 22:42:24	49 44.142 N	127 14.128 W			70	70	1	Cindy Wright				
226	6679 NET			BE	18-07-2024 22:48:24	18-07-2024 22:48:11	49 44.243 N	127 14.252 W	89	79				Cindy Wright	NA	NA		
226	6679 NET			BO	18-07-2024 22:49:59	18-07-2024 22:49:46	49 44.267 N	127 14.294 W		79				Cindy Wright				
226	6679 NET			EN	18-07-2024 22:51:20	18-07-2024 22:51:09	49 44.277 N	127 14.306 W		79				Cindy Wright				
227	6679 SET			BE	18-07-2024 22:57:10	18-07-2024 22:56:58	49 44.355 N	127 14.418 W	80	15				Jennifer Boldt	NA	NA		
227	6679 SET			EN	18-07-2024 23:31:25	18-07-2024 23:31:15	49 46.89 N	127 17.646 W						Jennifer Boldt				
228	6682 SET			BE	19-07-2024 00:21:00	19-07-2024 00:20:48	49 45.21 N	127 10.338 W	76	15				Jennifer Boldt	NA	NA		
228	6682 SET			EN	19-07-2024 00:54:07	19-07-2024 00:53:57	49 45.388 N	127 6.999 W		15				Jennifer Boldt				
229	6558 ROS		US	BE	19-07-2024 01:27:08	19-07-2024 01:26:57	49 46.005 N	127 4.73 W	57		71	71	1	Cindy Wright	yes	no	no	
229	6558 ROS		US	BO	19-07-2024 01:28:14	19-07-2024 01:28:02	49 46.036 N	127 4.749 W		51	71	71	1	Cindy Wright				
229	6558 ROS		US	EN	19-07-2024 01:30:40	19-07-2024 01:30:29	49 46.062 N	127 4.758 W			71	71	1	Cindy Wright				
230	6558 NET			BE	19-07-2024 01:35:23	19-07-2024 01:35:12	49 46.116 N	127 4.792 W	56	45				Cindy Wright	NA	NA		
230	6558 NET			BO	19-07-2024 01:36:18	19-07-2024 01:36:05	49 46.125 N	127 4.798 W		45				Cindy Wright				
230	6558 NET			EN	19-07-2024 01:37:06	19-07-2024 01:36:54	49 46.136 N	127 4.807 W		45				Cindy Wright				
231	6558 SET			BE	19-07-2024 01:41:30	19-07-2024 01:41:17	49 45.901 N	127 4.696 W	57	0				Jennifer Boldt	NA	NA		
231	6558 SET			EN	19-07-2024 02:06:28	19-07-2024 02:06:16	49 44.124 N	127 4.513 W		0				Jennifer Boldt				
232	6558 SET			BE	19-07-2024 04:46:46	19-07-2024 04:46:35	49 41.746 N	127 2.64 W	70	0				Jennifer Boldt	NA	NA		
232	6558 SET			EN	19-07-2024 05:11:12	19-07-2024 05:11:01	49 43.668 N	127 3.58 W		0				Jennifer Boldt				
233	6682 SET			BE	19-07-2024 06:13:42	19-07-2024 06:13:31	49 45.068 N	127 10.185 W	68	15				Jennifer Boldt	NA	NA		
233	6682 SET			EN	19-07-2024 06:48:30	19-07-2024 06:48:19	49 45.203 N	127 6.413 W		15				Jennifer Boldt				
234	6679 SET			BE	19-07-2024 07:38:39	19-07-2024 07:38:28	49 44.044 N	127 15.963 W	91	15				Jennifer Boldt	NA	NA		
234	6679 SET			EN	19-07-2024 08:16:05	19-07-2024 08:15:52	49 46.726 N	127 18.826 W		15				Jennifer Boldt				
235	5684 ROS		US	BE	19-07-2024 22:36:53	19-07-2024 22:36:39	49 26.465 N	126 58.83 W	130		72	72	1	Cindy Wright	yes	no	no	
235	5684 ROS		US	BO	19-07-2024 22:39:12	19-07-2024 22:38:59	49 26.491 N	126 58.853 W		124	72	72	1	Cindy Wright				
235	5684 ROS		US	EN	19-07-2024 22:43:01	19-07-2024 22:42:49	49 26.535 N	126 58.91 W		124	72	72	1	Cindy Wright				

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

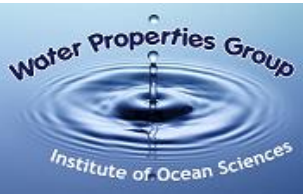
Launch Daily
Science Log

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	
236	5684	NET		BE	19-07-2024 22:48:31	19-07-2024 22:48:18	49 26.644 N	126 58.981 W	129	119				Cindy Wright	NA	NA		dumped net as both bongos were plugged with an enormous lions mane
236	5684	NET		BO	19-07-2024 22:50:53	19-07-2024 22:50:40	49 26.673 N	126 59.012 W		119				Cindy Wright				
236	5684	NET		EN	19-07-2024 22:53:07	19-07-2024 22:52:53	49 26.684 N	126 59.032 W		119				Cindy Wright				
237	5684	SET		BE	19-07-2024 23:07:35	19-07-2024 23:07:23	49 27.157 N	126 59.54 W	128	0				Jennifer Boldt	NA	NA		
237	5684	SET		EN	19-07-2024 23:38:04	19-07-2024 23:37:51	49 29.432 N	127 2.142 W		0				Jennifer Boldt				
238	6181	SET		BE	20-07-2024 00:21:47	20-07-2024 00:21:33	49 35.138 N	127 8.44 W	131	0				Jennifer Boldt	NA	NA		
238	6181	SET		EN	20-07-2024 00:53:44	20-07-2024 00:53:31	49 37.728 N	127 10.882 W		0				Jennifer Boldt				
239	6305	ROS	US	BE	20-07-2024 01:51:18	20-07-2024 01:51:05	49 37.406 N	127 10.767 W	131		73	73	1	Cindy Wright	yes	no	no	
239	6305	ROS	US	BO	20-07-2024 01:53:37	20-07-2024 01:53:27	49 37.433 N	127 10.77 W		126	73	73	1	Cindy Wright				
239	6305	ROS	US	EN	20-07-2024 01:57:09	20-07-2024 01:56:58	49 37.482 N	127 10.805 W		126	73	73	1	Cindy Wright				
240	6305	NET		BE	20-07-2024 02:01:16	20-07-2024 02:01:04	49 37.562 N	127 10.839 W	131	121				Cindy Wright	NA	NA		
240	6305	NET		BO	20-07-2024 02:03:27	20-07-2024 02:03:14	49 37.574 N	127 10.837 W		121				Cindy Wright				
240	6305	NET		EN	20-07-2024 02:05:32	20-07-2024 02:05:21	49 37.581 N	127 10.837 W		121				Cindy Wright				
241	6305	SET		BE	20-07-2024 02:11:52	20-07-2024 02:11:39	49 37.747 N	127 11.026 W	131	0				Jennifer Boldt	NA	NA		
241	6305	SET		EN	20-07-2024 02:38:27	20-07-2024 02:38:14	49 39.576 N	127 12.993 W		0				Jennifer Boldt				
242	6305	SET		BE	20-07-2024 04:57:42	20-07-2024 04:57:42	49 40.535 N	127 14.661 W	130	0				Jennifer Boldt	NA	NA		started very late, see GFBIO
242	6305	SET		EN	20-07-2024 05:12:34	20-07-2024 05:12:23	49 39.803 N	127 14.142 W		0				Jennifer Boldt				
243	6181	SET		BE	20-07-2024 06:04:19	20-07-2024 06:04:06	49 38.825 N	127 12.809 W	130	0				Jennifer Boldt	NA	NA		
243	6181	SET		EN	20-07-2024 06:21:51	20-07-2024 06:21:38	49 37.758 N	127 11.696 W		0				Jennifer Boldt				
244	5834	SET		BE	20-07-2024 07:37:19	20-07-2024 07:37:06	49 29.884 N	127 2.429 W	130	0				Jennifer Boldt	NA	NA		
244	5834	SET		EN	20-07-2024 07:58:56	20-07-2024 07:58:45	49 28.43 N	127 1.104 W		0				Jennifer Boldt				
245	5432	ROS	US	BE	20-07-2024 22:35:06	20-07-2024 22:34:55	49 19.938 N	126 53.702 W	147		74	74	1	Cindy Wright	yes	no	no	
245	5432	ROS	US	BO	20-07-2024 22:37:43	20-07-2024 22:37:28	49 19.946 N	126 53.687 W		142	74	74	1	Cindy Wright				
245	5432	ROS	US	EN	20-07-2024 22:41:40	20-07-2024 22:41:26	49 19.966 N	126 53.721 W			74	74	1	Cindy Wright				
246	5432	NET		BE	20-07-2024 22:46:54	20-07-2024 22:46:43	49 19.991 N	126 53.742 W	147	137					NA	NA		
246	5432	NET		BO	20-07-2024 22:49:16	20-07-2024 22:49:04	49 19.999 N	126 53.754 W		137								
246	5432	NET		EN	20-07-2024 22:51:39	20-07-2024 22:51:28	49 20.033 N	126 53.775 W		137								
247	5432	SET		BE	20-07-2024 23:03:16	20-07-2024 23:03:05	49 19.063 N	126 52.892 W	145	15				Jennifer Boldt	NA	NA		
247	5432	SET		EN	20-07-2024 23:49:04	20-07-2024 23:48:52	49 16.208 N	126 50.458 W		15				Jennifer Boldt				
248	5062	SET		BE	21-07-2024 00:43:29	21-07-2024 00:43:18	49 20.518 N	126 56.224 W		15				Jennifer Boldt	NA	NA		
248	5062	SET		EN	21-07-2024 01:15:19	21-07-2024 01:15:05	49 22.41 N	126 58.751 W		15				Jennifer Boldt				
249	5062	ROS	US	BE	21-07-2024 01:57:44	21-07-2024 01:57:32	49 22.795 N	127 5.514 W	159		75	75	1		yes	no	no	
249	5062	ROS	US	BO	21-07-2024 02:00:37	21-07-2024 02:00:23	49 22.807 N	127 5.527 W		153.6	75	75	1					

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

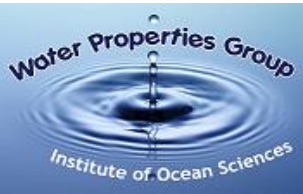
Launch Daily
Science Log

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	
249	5062	ROS	US	EN	21-07-2024 02:04:42	21-07-2024 02:04:32	49 22.818 N	127 5.506 W			75	75	1					
250	5062	NET		BE	21-07-2024 02:09:33	21-07-2024 02:09:20	49 22.833 N	127 5.467 W	158	148					NA	NA		
250	5062	NET		BO	21-07-2024 02:12:12	21-07-2024 02:12:00	49 22.844 N	127 5.522 W		148								
250	5062	NET		EN	21-07-2024 02:14:43	21-07-2024 02:14:32	49 22.855 N	127 5.553 W		148								
251	5062	SET		BE	21-07-2024 02:19:00	21-07-2024 02:18:48	49 22.976 N	127 5.668 W	159	15				Jennifer Boldt	NA	NA		
251	5062	SET		EN	21-07-2024 02:46:32	21-07-2024 02:46:18	49 24.754 N	127 7.173 W		15				Jennifer Boldt				
252	5062	SET		BE	21-07-2024 04:45:53	21-07-2024 04:45:40	49 25.83 N	127 9.672 W		15				Jennifer Boldt	NA	NA		
252	5062	SET		EN	21-07-2024 05:11:48	21-07-2024 05:11:36	49 24.113 N	127 8.084 W		15				Jennifer Boldt				
253	5310	ROS	US	BE	21-07-2024 06:09:54	21-07-2024 06:09:41	49 23.541 N	126 59.707 W	145		76	76	1	Cindy Wright	yes	no	no	deck pressure=0.7 db
253	5310	ROS	US	BO	21-07-2024 06:12:27	21-07-2024 06:12:16	49 23.549 N	126 59.697 W		140	76	76	1	Cindy Wright				
253	5310	ROS	US	EN	21-07-2024 06:16:22	21-07-2024 06:16:08	49 23.556 N	126 59.653 W		140	76	76	1	Cindy Wright				
254	5310	NET		BE	21-07-2024 06:22:07	21-07-2024 06:21:56	49 23.558 N	126 59.61 W	145	135				Cindy Wright	NA	NA		
254	5310	NET		BO	21-07-2024 06:24:33	21-07-2024 06:24:20	49 23.565 N	126 59.604 W		135				Cindy Wright				
254	5310	NET		EN	21-07-2024 06:26:48	21-07-2024 06:26:37	49 23.567 N	126 59.6 W		135				Cindy Wright				
255	5310	SET		BE	21-07-2024 06:32:43	21-07-2024 06:32:32	49 23.402 N	126 59.448 W	145	15				Jennifer Boldt	NA	NA		
255	5310	SET		EN	21-07-2024 07:01:58	21-07-2024 07:01:45	49 21.6 N	126 57.195 W		15				Jennifer Boldt				
256	cal cast	ROS	US	BE	21-07-2024 22:33:28	21-07-2024 22:33:15	49 7.587 N	126 57.628 W	404		77	88	12	Cindy Wright	yes	no	no	Salinity spikes showed up late >200m deep. Seemed approximately 50m apart and coincided with strong scattering layers
256	cal cast	ROS	US	BO	21-07-2024 22:40:27	21-07-2024 22:40:16	49 7.634 N	126 57.669 W		398	77	88	12	Cindy Wright				
256	Cal cast	ROS	US	EN	21-07-2024 23:02:39	21-07-2024 23:02:27	49 7.749 N	126 57.799 W										program crash at EN. Then would no longer load data from sampling sheets or allow me to launch the rosette sheet user form (even though I have started/restarted the program several times). Ended up having to relink the rosette files even though they were pointed in the right place
257	4562	ROS	N/A	BE	21-07-2024 23:42:08	21-07-2024 23:41:57	49 10.65 N	126 52.641 W	169					Cindy Wright	yes	no	no	EN missed
257	4562	ROS	N/A	BO	21-07-2024 23:45:10	21-07-2024 23:44:58	49 10.662 N	126 52.65 W		163				Cindy Wright				
258	4562	NET		BE	21-07-2024 23:55:07	21-07-2024 23:54:55	49 10.703 N	126 52.661 W	168	158				Cindy Wright	NA	NA		

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences



Cruise Number: 2024-026
Vessel: Franklin

Launch Daily
Science Log

Print Daily Science
Log WorkBook

Vessel:			Franklin		Science Log		Log Workbook								CTD/Rosette Status			Institute of Ocean Sciences	
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	Trans. Cleaned	Fluorometer Cleaned	PAR Status	Comments	
							Latitude	Longitude			Start	End							
258	4562	NET		BO	21-07-2024 23:57:50	21-07-2024 23:57:39	49 10.716 N	126 52.691 W		158				Cindy Wright					
258	4562	NET		EN	22-07-2024 00:00:35	22-07-2024 00:00:23	49 10.724 N	126 52.709 W		158				Cindy Wright					
259	4562	SET		BE	22-07-2024 00:05:33	22-07-2024 00:05:22	49 10.641 N	126 52.657 W	169	15				Jennifer Boldt	NA	NA			
259	4562	SET		EN	22-07-2024 00:37:18	22-07-2024 00:37:06	49 8.517 N	126 51.026 W		15				Jennifer Boldt					
260	4314	ROS	US	BE	22-07-2024 01:18:49	22-07-2024 01:18:38	49 5.262 N	126 48.056 W	183		90	90	1	Cindy Wright	yes	no	no	bottle did not fire, no sample	
260	4314	ROS	US	BO	22-07-2024 01:21:44	22-07-2024 01:21:30	49 5.272 N	126 48.06 W		178	90	90	1	Cindy Wright					
260	4314	ROS	US	EN	22-07-2024 01:26:28	22-07-2024 01:26:14	49 5.294 N	126 48.004 W			90	90	1	Cindy Wright					
261	4314	NET		BE	22-07-2024 01:32:09	22-07-2024 01:31:56	49 5.312 N	126 47.907 W	182	172				Cindy Wright	NA	NA			
261	4314	NET		BO	22-07-2024 01:35:16	22-07-2024 01:35:04	49 5.329 N	126 47.953 W		172				Cindy Wright					
261	4314	NET		EN	22-07-2024 01:38:07	22-07-2024 01:37:55	49 5.339 N	126 47.951 W		172				Cindy Wright					
262	4314	SET		BE	22-07-2024 01:42:48	22-07-2024 01:42:34	49 5.368 N	126 47.883 W	180	15				Jennifer Boldt	NA	NA		missed EN	
263	4314	SET		BE	22-07-2024 04:49:12	22-07-2024 04:49:01	49 5.368 N	126 47.776 W	203	15				Jennifer Boldt	NA	NA			
263	4314	SET		EN	22-07-2024 05:21:06	22-07-2024 05:20:53	49 4.722 N	126 43.545 W		15				Jennifer Boldt					
264	4562	SET		BE	22-07-2024 06:40:33	22-07-2024 06:40:19	49 9.694 N	126 53.774 W	191	0				Jennifer Boldt	NA	NA			
264	4562	SET		EN	22-07-2024 07:11:38	22-07-2024 07:11:24	49 8.054 N	126 50.621 W		0				Jennifer Boldt					