

15 Oct 2012 - SZimmerman

Please note Event #s ROS 1 to ROS 38  
are offset by 1 from CTJ filename and  
cast #s.

Electronic versions of station logs have  
been changed but this form is left  
as it is...

should be:

Station-1 = Cast 1 (ROS 1)

SLIP-1 = Cast 2 (ROS 2)

BARC-1 = Cast 37 (ROS 37)

# DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month		Year		Ship		Cruise ID								
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information	Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude						
	CTD	set up		2011	June									
24	Test	2036	BE	ROS	VS	ROS 1	48 23.539	123 24.854	62.5		X	X	SV	
			BO											
		2056	EN				48 23.536	123 24.791	62.5					
	July													
14	Station 1	16:28	BE	ROS	US	ROS 2	59 27.046	170 4.241	62		X		SV	26730 Serial # P.S. 11
		16:47	EN				59 27.049	170 4.226						
15	SLIP-2	15:01	BE	ROS	US	ROS 3	62 0.589	175 3.664	80	75	1-7	7	SV	CTD complete
		15:08	BO											SLIP 16/17
		15:16	EN				62 0.592	175 3.601						One slip, no data

**Cast Type:**

BOT = Bottle cast, no CTD  
CTD = CTD without Rosette  
ROS = Rosette plus CTD  
SET = Fish Set

USW = Sea Water Loop

MOR = Mooring  
NET = Plankton Net Haul  
DRF = Drifter

### Bottle Firing Method:

US = Up / Stop  
UN = Up / No stop  
DN = Down / No stop

**Notes:**

Time Code:

BE = Beginning Time of Cast	DE = Deployment Time
BO = Bottom Time of Cast	MR = Messenger Release Time
EN = End Time of Cast	RE = Recover Mooring Time

**Transmissometer to be cleaned before each cast, do not use Ammonia products**

*Produced by the Water Properties Group, IOS*

**WaterProperties.ca**  
**Version: 16 April 2010**

## DAILY SCIENCE LOG

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Month <u>7 (July)</u>		Year <u>2011</u>		Ship <u>SWL</u>		Cruise ID <u>2011-18</u>									
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
15	SLIP-2	17:27	BE	ROS	US	ROS 4	62 2.994	175 12.596	80	75	8-14	7	SV, AM	✓	CTD cast in 50m in corner of
		17:35	BO												
		17:43	EN				62 2.990	175 12.605							
15	SLIP-3	20:55	BE	ROS	US	ROS 5	62 23.402	174 34.207	68	65	15-20	6	SV, AM	✓	
		21:03	BO												
		21:10	EN				62 23.401	174 34.222							
16	SLIP-5	00:49	BE	ROS	US	ROS 6	62 33.604	173 33.076	65	60	21-26	6	SV, AM	✓	
		00:58	BO												
		01:06	EN				62 33.608	173 33.115							Pump 0.1 in air
16	SLIP-4	04:24	BE	ROS	US	ROS 7	63 1.798	173 27.604	71	65	27-39	13	SV, AM	✓	
		04:30	BO												
		04:41	EN				63 1.786	173 27.571							
16	BCL 6A	11:32	BE	ROS	US	ROS 8	63 55.199	172 5.893	51	49	40-44	5	SV, AM	✓	0.06 pump 0.1 in air
		11:39	BO												
		11:45	EN				63 55.204	172 5.798							
16	UTBS-5	18:15	BE	ROS	US	ROS 9	64 40.190	169 55.217	47	42	50-54	5	SV, AM	✓	0.06 pump
		18:19	BO												
		18:24	EN				64 40.202	169 55.170							0.09 pump

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Month <u>July</u>				Year <u>2011</u>			Ship <u>Swan</u>			Cruise ID <u>2011-13</u>					
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
16	UTBS-1	22:11	BE	ROS	US	ROS10	64 59.422	169 8.322	48	43	55-59	11	SV, AM	✓	P <sub>max</sub> 0.06 only from 5.4m frictional
		22:14	BO												
		22:24	EN				64 59.414	169 8.252							P <sub>max</sub> 0.05
17	UTBS-2	03:35	DE	ROS	US	ROS11	64 40.813	169 5.992	45	40	60-64	5	SV, AM	✓	P 0.03
		03:40	BO												
		03:45	EN				64 40.807	169 5.989							P <sub>2</sub> 0.07
17	UTBS-4	07:09	BE	ROS	US	ROS12	64 57.598	169 53.362	48	43	65-69	5	SV, AM		P <sub>2</sub> 0.08
		07:12	BO												
		07:17	EN				64 57.592	169 53.252							P <sub>2</sub> 0.08
17	BRS-3	13:05	BE	ROS	US	ROS13	65 42.004	168 46.729	50	46	70-74	5	SV, AM	✓	P <sub>2</sub> 0.06
		13:07	BO												
		13:13	EN				65 41.969	168 46.712							
17	UTN-1	19:22	BE	ROS	US	ROS14	66 42.6	168 24	35	30	75-78	4	SV, AM	✓	P <sub>2</sub> 0.02
		19:26	BO												
		19:31	EN				66 42.578	168 24							P <sub>2</sub> 0.05
17	UTN-2	22:30	BE	ROS	US	ROS15	67 3.014	168 43.709	45	40	79-83	5	SV, AM	✓	0.06 P <sub>max</sub>
		22:34	BO												
		22:39	EN				67 3.010	168 43.704							P <sub>2</sub> 0.08

## Cast Type:

BOT = Bottle cast, no CTD  
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 SET = Fish Set

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## Bottle Firing Method:

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Notes:                     

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Transmissometer to be cleaned before each cast, do not use Ammonia products

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## DAILY SCIENCE LOG

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Month <u>July</u>				Year <u>2011</u>			Ship <u>SwL</u>				Cruise ID <u>2011-13</u>				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
18	UTN-3	01:08	BE	Ros	US	Ros 16	67 19.788	168 54.562	49	44	84-88	5	SV, AM	✓	P = 0.06
		01:10	BO												
		01:16	EN				67 19.798	168 54.570							P = 0.09
18	UTN-4	02:50	BE	Ros	US	Ros 17	67 29.934	168 54.502	49	45	89-100	12	SV, AM		P = 0.04
		02:55	BO												
		03:04	EN				67 29.983	168 54.488							P = 0.1
18	UTN-5	05:02	BE	Ros	US	Ros 18	67 40.184	168 54.576	50	45	101-105	5	SV, AM	✓	P = 0.04
		05:05	BO												
		05:10	EN				67 40.186	168 54.559							P = 0.06
18	UTN-6	07:19	BE	Ros	US	Ros 19	67 44.404	168 26.422	49	44	106-110	7	SV, AM	✓	P = 0.06
		07:24	BO												
		07:30	EN				67 44.4	168 26.434							P = 0.08
18	SEC-2	08:48	BE	Ros	US	Ros 20	67 46.784	168 35.970	50	45	111-115	5	SV, AM	✓	P = 0.06
			BO												
		08:58	EN				67 46.78	168 35.947							P = 0.04
18	UTN-7	11:03	BE	Ros	US	Ros 21	68 0.004	168 54.592	57	52	116-121	6	SV, AM	✓	P = 0.08
		11:08	BO												
		11:15	EN				68 0.001	168 54.606							P = 0.06

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Month				Year			Ship				Cruise ID				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
18	SEC-3	13:48	BE	ROS	US	ROS22	67 54.010	168 14.410	58	53	122-126	5	SV	✓	P = 0.09
		13:53	Bo												
		13:58	EN				67 54.004	168 14.395							P = 0.06
18	SEC-4	15:48	BE	ROS	US	ROS23	68 0.601	167 52.240	52	48	127-131	5	SV	✓	P = 0.02
		15:53	Bo												
		15:58	EN				68 0.601	167 52.289							P = 0.08
18	SEC-5	17:34	BE	ROS	US	ROS24	68 7.8	167 30.114	49	44	132-136	5	SV	✓	P = 0.06
		17:40	Bo												
		17:45	EN				68 7.843	167 30.205							P = 0.08
18	SEC-6	19:09	BE	ROS	US	ROS25	68 11.407	167 18.673	47	42	137-141	5	SV	✓	P = 0.06
		19:13	Bo												
		19:18	EN				68 11.416	167 18.691							P = 0.05
18	SEC-7	20:25	BE	ROS	US	ROS26	68 14.402	167 7.285	43	38	142-146	5	SV	✓	P = 0.05
		20:30	Bo												
		20:35	EN				68 14.430	167 7.306							P = 0.07
18	SEC-8	21:43	BE	ROS	US	ROS27	68 18.031	166 56.501	34	30	147-150	4	SV	✓	P = 0.02
		21:47	Bo												
		21:51	EN				68 18.131	166 56.772							P = 0.02

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## DAILY SCIENCE LOG

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Month <u>7</u>				Year <u>2011</u>			Ship <u>Seamaster</u>				Cruise ID <u>2011-18</u>				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments
							Latitude	Longitude							
19	CS-2011	15:05	BE	ROS	US	ROS 28	69 48.607	163 25.777	19	15	151-154	4	SV	✓	P = 0.05
		15:10	BO												
		15:12	EN				69 48.611	163 25.771							P = 0.1
20	BARC-10	12:08	BE	ROS	US	ROS 29	71 37.201	157 55.831	62	58	155-160	6	SV	✓	P = 0.03
		12:13	BO												
		12:20	EN				71 37.204	157 55.798							P = 0.11
20	BARC-9	13:26	BE	ROS	US	ROS 30	71 34.814	157 50.432	65	60	161-166	6	SV	✓	0.07 + P
		13:30	BO												
		13:38	EN				71 34.810	157 50.371							P = 0.05
20	BARC-8	14:41	BE	ROS	US	ROS 31	71 32.402	157 44.935	71	66	167-172	6	SV	✓	P = 0.04
		14:46	BO												
		14:53	EN				71 32.414	157 44.927							P = 0.06
20	BARC-7	15:53	BE	ROS	US	ROS 32	71 30.026	157 39.623	85	80	173-178	6	SV	✓	P = 0.17
		15:58	BO										MARK STAR		
		16:04	EN												P = 0.07
20	BARC-6	17:07	BE	ROS	US	ROS 33	71 27.572	157 34.962	108	100	179-185	7	SV	✓	P = -0.02
		17:14	BO												
		17:22	EN				71 27.622	157 34.921							P = 0.05

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Month 7				Year 2011			Ship Fath				Cruise ID 2011-18					Page 7 of	
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Positional Information		Bottom Depth	Max Depth	Sample Numbers	# of Bottles	Watch Keepers	Trans. Cleaned	Comments		
							Latitude	Longitude									
20	BARC-5	18:25	BE	ROS	US	ROS 34	71 24.605	157 29.292	106	120	186-193	15	SV	✓	P = 0.01		
		18:32	BO										MARKER				
		18:46	EN				71 24.690	157 28.318					LISSA				
20	BARC-4		BE	ROS	US	ROS 35	71 22.195	157 25.139	111	106	194-201	8	SV	✓	P = 0.12		
		22:30	BO										MONITOR		P = 0.02		
		22:42	EN				71 22.344	157 24.392									
21	BARC-3	00:11	BE	ROS	US	ROS 36	71 19.819	157 19.729	91	86	202-208	7	SV	✓	P = 0.1		
		00:16	BO										MONITOR		P = 0.04		
		00:24	EN				71 19.938	157 19.290									
21	BARC-2	01:28	BE	ROS	US	ROS 37	71 17.422	157 14.856	59	54	209-212	4	SV	✓	P = 0.07		
		01:33	BO										MONITOR		P = 0.04		
		01:37	EN				71 17.429	157 14.466									
21	BARC-1	02:36	BE	ROS	US	ROS 38	71 15.022	157 10.158	48		213-216	4	SV	✓	P = 0.06		
		02:39	BO												P = 0.06		
		02:44	EN				71 15.112	157 9.920							P = 0.04		

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