

Cruise KH- 14 -1

CTD Observation Log Sheet

Station: C001	Cast Name:	Date(GMT): 2014, 2, 23	Station: C002	Cast Name:	Date(GMT): 2014, 2, 24										
Operator: Takeuchi	Surface Temperature 17.4 °C		Operator: Takeuchi	Surface Temperature 17.5 °C											
File Name	C001			File Name	C002										
	Time(GMT)	Latitude	Longitude	Depth		Time(GMT)	Latitude	Longitude	Depth						
Cast Start	14:05	31-59.99N	144-00.00E	5595 m	Cast Start	14:11	31-59.99N	144-00.13E	5604 m						
Bottom	14:30	Pressure < 1001.1 db>	Wire out < 995 m>	Altitude < - m>	Bottom	14:34	Pressure < 1002.28 db>	Wire out < 1011 m>	Altitude < - m>						
Cast End	14:50	32.00.01N	143-59.94E	5580 m	Cast End	14:54	31-59.73N	143-59.84E	5558 m						
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo
1	1000	✓		13	175	✓		1	1000	✓		13	175	✓	
2	900	✓		14	150	✓		2	900	✓		14	150	✓	
3	800	✓		15	125	✓		3	800	✓		15	125	✓	
4	700	✓		16	100	✓		4	700	✓		16	100	✓	
5	600	✓		17	80	✓		5	600	✓		17	80	✓	
6	500	✓		18	60	✓		6	500	✓		18	60	✓	
7	450	✓		19	50	✓		7	450	✓		19	50	✓	
8	400	✓		20	40	✓		8	400	✓		20	40	✓	
9	350	✓		21	30	✓		9	350	✓		21	30	✓	
10	300	✓		22	20	✓		10	300	✓		22	20	✓	
11	250	✓		23	10	✓		11	250	✓		23	10	✓	
12	200	✓		24	5	✓		12	200	✓		24	5	✓	
・7番ボトル 水モレが? 上ネジがゆるい水モレ, ・9番ボトル (7084) OK ほか他大混入の可能性あり ・17番ボトル 水モレ								・9.16, 17番 水モレ							

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CTD Observation Log Sheet

Station: C003		Cast Name:		Date(GMT): 2/26, 2014		Station: C004		Cast Name:		Date(GMT): 2/26, 2014					
Operator: Kawanishi				Surface Temperature 17.1 °C				Operator: Hihata				Surface Temperature 16.9 °C			
File Name		C003						File Name		C004					
		Time(GMT)	Latitude		Longitude		Depth			Time(GMT)	Latitude		Longitude		Depth
Cast Start		01:22	31-57.07N		143-59.39E		5610 m	Cast Start		14:06	32-00.00N		143-59.98E		5690 m
Bottom		01:45	Pressure <1001.22db>		Wire out <1013 m>		Altitude <- m>	Bottom		14:28	Pressure <1001.49db>		Wire out <1001 m>		Altitude <- m>
Cast End		02:06	31-57.40N		143-59.00E		5556 m	Cast End		14:49	31-59.98N		143-59.70E		5550 m
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo
1	1000	✓		13	175	✓		1	1000	✓		13	175	✓	
2	900	✓		14	150	✓		2	900	✓		14	150	✓	
3	800	✓		15	125	✓		3	800	✓		15	125	✓	
4	700	✓		16	100	✓		4	700	✓		16	100	✓	
5	600	✓		17	80	✓		5	600	✓		17	80	✓	
6	500	✓		18	60	✓	70	6	500	✓		18	60	✓	
7	450	✓		19	50	✓		7	450	✓		19	50	✓	
8	400	✓		20	40	✓		8	400	✓		20	40	✓	
9	350	✓		21	30	✓		9	350	✓		21	30	✓	
10	300	✓		22	20	✓		10	300	✓		22	20	✓	
11	250	✓		23	10	✓		11	250	✓		23	10	✓	
12	200	✓		24	5	✓		12	200	✓		24	5	✓	
其日の為 5m からスタート 60 をミシ 70 で開けていた。 16番 9-9															

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CTD Observation Log Sheet

Station: C005		Cast Name:		Date(GMT): 2014/02/27		Station:		Cast Name: C006		Date(GMT): 2014/02/28					
Operator: Ito		Surface Temperature 17.0 °C		Operator: Kawanishi		Surface Temperature 18.8 °C									
File Name		C005				File Name		C006							
		Time(GMT)	Latitude	Longitude	Depth			Time(GMT)	Latitude	Longitude	Depth				
Cast Start		1:29	31-58.72N	143-56.72E	5738 m	Cast Start		01:58	30-16.34N	149-24.47E	6100 m				
Bottom		1:51	Pressure <1001.80 db>	Wire out <995 m>	Altitude <- m>	Bottom		02:17	Pressure <801.43 db>	Wire out <808 m>	Altitude <- m>				
Cast End		2:45	31-58.85N	143-56.71E	5727 m	Cast End		02:53	30-15.50N	149-24.49E	6094m				
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo
1	1000	✓		13	175	✓		1	800	✓		13	100	✓	
2	900	✓		14	150	✓		2	800	✓		14	100	✓	
3	800	✓		15	125	✓		3	600	✓		15	50	✓	
4	700	✓		16	100	✓		4	600	✓		16	50	✓	
5	600	✓		17	80	✓		5	400	✓		17	5	✓	
6	500	✓		18	60	✓		6	400	✓	11-7	18	5	✓	
7	450	✓		19	50	✓		7	300	✓		19	800	✓	
8	400	✓		20	40	✓		8	300	✓		20	600	✓	
9	350	✓		21	30	✓		9	200	✓		21	400	✓	
10	300	✓		22	20	✓		10	200	✓		22	300	✓	
11	250	✓		23	10	✓		11	150	✓		23	200	✓	
12	200	✓		24	5	✓	6.5 dbar	12	150	✓		24	150	✓	
No 24 荒天のため、6.5 dbar で採水								#6 下、注にかかり、代わりに#21から採水							



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CTD Observation Log Sheet

Station: C007		Cast Name:		Date(GMT): 2014/02/28		Station: C008		Cast Name:		Date(GMT): 2014/03/01					
Operator: Hihara				Surface Temperature 17.3 °C				Operator: Ito				Surface Temperature 17.3 °C			
File Name		C007						File Name		C008					
		Time(GMT)	Latitude		Longitude		Depth			Time(GMT)	Latitude		Longitude		Depth
Cast Start		23:15	31-58.40N		144-05.32E		5668 m	Cast Start		1:47	32-00.04N		143-59.89E		5567 m
Bottom		23:54	Pressure < 2000.30 db>		Wire out < 1963 m>		Altitude < m>	Bottom		2:08	Pressure < 1001.01 db>		Wire out < 994 m>		Altitude < -m>
Cast End		0:39	31-58.54N		144-04.88E		5678 m	Cast End		2:28	31-59.90N		143-59.67E		5547 m
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo
1	2000	✓		13	550	✓		1	1000	✓		13	175	✓	
2	1800	✓		14	500	✓		2	900	✓		14	150	✓	
3	1600	✓		15	450	✓		3	800	✓		15	125	✓	
4	1400	✓		16	400	✓		4	700	✓		16	100	✓	
5	1200	✓		17	350	✓		5	600	✓		17	80	✓	
6	1000	✓		18	300	✓		6	500	✓		18	60	✓	
7	900	✓		19	250	✓		7	450	✓		19	50	✓	
8	800	✓		20	200	✓		8	400	✓		20	40	✓	
9	750	✓		21	150	✓		9	350	✓		21	30	✓	
10	700	✓		22	100	✓		10	300	✓		22	20	✓	
11	650	✓		23	50	✓		11	250	✓		23	10	✓	
12	600	✓		24	25	✓		12	200	✓		24	5	✓	
6番7-9 (ボトル交換)															



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CTD Observation Log Sheet

Station: C009		Cast Name:		Date(GMT): 2014/03/01		Station: C010		Cast Name:		Date(GMT): 2014, 3, 7					
Operator: Kawanishi		Surface Temperature 17.3 °C		Operator: Takeuchi		Surface Temperature 17.2 °C									
File Name				C009				File Name				C010			
		Time(GMT)	Latitude	Longitude		Depth				Time(GMT)	Latitude	Longitude		Depth	
Cast Start		14:12	32-00.02N	143-59.78E		5560 m		Cast Start		13:45	31-59.96N	143-59.70E		5551 m	
Bottom		14:32	Pressure <1000.31 db>	Wire out <996 m>		Altitude <-m>		Bottom		14:18	Pressure <1001.30 db>	Wire out <997 m>		Altitude <-m>	
Cast End		14:54	31-59.87N	143-59.57E		5538 m		Cast End		14:41	32-00.20N	143-59.02E		5493 m	
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo
1	1000	✓		13	175	✓		1	1000	✓		13	175	✓	
2	900	✓		14	150	✓		2	900	✓		14	150	✓	
3	800	✓		15	125	✓		3	800	✓		15	125	✓	
4	700	✓		16	100	✓		4	700	✓		16	100	✓	
5	600	✓		17	80	✓		5	600	✓		17	80	✓	
6	500	✓		18	60	✓		6	500	✓		18	60	✓	
7	450	✓		19	50	✓		7	450	✓		19	50	✓	
8	400	✓		20	40	✓		8	400	✓		20	40	✓	
9	350	✓		21	30	✓		9	350	✓		21	30	✓	
10	300	✓		22	20	✓		10	300	✓		22	20	✓	
11	250	✓		23	10	✓		11	250	✓		23	10	✓	
12	200	✓		24	5	✓		12	200	✓		24	5	✓	8.6m
								荒天のため5mから27-ト							



Station: C011		Cast Name:		Date(GMT): 2014/03/08		Station: C012		Cast Name:		Date(GMT): 2014/03/09					
Operator: Kawanishi		Surface Temperature 17.3 °C		Operator: Toda		Surface Temperature 17.1 °C									
File Name		C011		File Name		C012 test									
Time(GMT)		Latitude		Longitude		Depth		Time(GMT)		Latitude		Longitude		Depth	
Cast Start		14:15		32-00.05N		144-00.10E		5599 m		Cast Start		03:51		31-59.95N 143-59.72E 5554 m	
Bottom		14:36		Pressure < 1000.86 db>		Wire out < 993 m>		Altitude < - m>		Bottom		04:17		Pressure < 1000 db> Wire out < 997 m> Altitude < - m>	
Cast End		14:56		32-00.02N		143-59.88E		5572 m		Cast End		04:37		31-59.89N 143-59.31E 5502 m	
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo
1	1000	✓		13	175	✓		1	1000	✓		13	175	✓	
2	900	✓		14	150	✓		2	900	✓		14	150	✓	
3	800	✓		15	125	✓		3	800	✓		15	125	✓	
4	700	✓		16	100	✓		4	700	✓		16	100	✓	
5	600	✓		17	80	✓		5	600	✓		17	80	✓	
6	500	✓		18	60	✓		6	500	✓		18	60	✓	
7	450	✓		19	50	✓		7	450	✓		19	50	✓	
8	400	✓		20	40	✓		8	400	✓		20	40	✓	
9	350	✓		21	30	✓		9	350	✓		21	30	✓	
10	300	✓		22	20	✓		10	300	✓		22	20	✓	
11	250	✓		23	10	✓		11	250	✓		23	10	✓	
12	200	✓		24	5	✓		12	200	✓		24	5		
								ファイル名 "test" で上書き.							

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CTD Observation Log Sheet

Station: C013		Cast Name:		Date(GMT): 2014/03/09		Station: C014		Cast Name:		Date(GMT): 2014/03/11									
Operator: Toda		Surface Temperature 17.2 °C		Operator: Nagasawa		Surface Temperature 18.2 °C													
File Name		C013				File Name		C014											
Time(GMT)		Latitude		Longitude		Depth		Time(GMT)		Latitude		Longitude		Depth					
Cast Start		05:07		31-59.88N		143-59.08E		5487 m		Cast Start		10:39		33-32.93N		142-02.59E		8881 m	
Bottom		05:30		Pressure <801 db>		Wire out <796 m>		Altitude <- m>		Bottom		10:58		Pressure <800.06 db>		Wire out <821 m>		Altitude <- m>	
Cast End		05:55		31-59.96N		143-58.53E		5504 m		Cast End		11:30		33-32.46N		142-02.38E		9008 m	
Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo	Bottle	Depth	Number	Memo				
1	800	✓		13	100	✓		1	800	✓		13	100	✓					
2	800	✓		14	100	✓		2	800	✓		14	100	✓					
3	600	✓		15	50	✓		3	600	✓		15	50	✓					
4	600	✓		16	50	✓		4	600	✓		16	50	✓					
5	400	✓		17	5	✓		5	400	✓		17	10	✓					
6	400	✓		18	5	✓		6	400	✓		18	10	✓					
7	300	✓		19	800	✓		7	300	✓		19	800	✓					
8	300	✓		20	600	✓		8	300	✓		20	600	✓					
9	200	✓		21	400	✓		9	200	✓		21	400	✓					
10	200	✓		22	300	✓		10	200	✓		22	300	✓					
11	150	✓		23	200	✓		11	150	✓		23	200	✓					
12	150	✓		24	150	✓		12	150	✓		24	150	✓					
								うねりが高いため 10m からのくりましをした 5m の採水と 10m とした											