

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month <u>JUNE</u>				Year <u>2014</u>		Vessel <u>VECTOR</u>				Cruise ID <u>2014-28</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
✓ 001	BS 01	20	14:14	BG	CTD	—	49° 36.93	124° 52.84	16		—	—	H.M.	☐ ☒	
			14:15	BO			49° 36.93	124° 52.84		16	-			☐ ☐	
			14:16	EN			49° 36.93	124° 52.84			-			☐ ☐	
✓ 002	BS 02	20	14:35	BG	ROS	U.S.	49° 38.43	124° 53.71	33		01 - 07	7	H.M.	☐ ☒	
			14:36	BO			49° 38.43	124° 53.72		32	-			☐ ☐	
			14:43	EN			49° 38.41	124° 53.75			-			☐ ☐	
X 003	BS 02	20	15:10	BG	NGT		49° 38	124° 53.	32		—	—	H.M.	☐ ☐	SCOR NGT
			15:11	BO			49° 38.40	124° 53.70		25	-			☐ ☐	
			15:12	EN			49° 36.	124° 53.			-			☐ ☐	
✓ 004	BS 03	20	15:39	BG	CTD		49° 37.91	124° 54.52	20		-		H.M.	☐ ☒	
			15:40	BO			49° 37.91	124° 54.51		19	-			☐ ☐	
			15:41	EN			49° 37.91	124° 54.51			-			☐ ☐	
✓ 005	BS 06	20	16:09	BG	CTD		49° 35.65	124° 52.58	26		-			☐ ☐	
			16:10	BO			49° 35.65	124° 52.58		25	-			☐ ☐	
			16:11	EN			49° 35.64	124° 52.58			-			☐ ☐	
✓ 006	BS 05	20	16:22	BG	ROS		49° 35.83	124° 51.60	41		-			☐ ☐	AIC CAST
			16:24	BO			49° 35.82	124° 51.61			-			☐ ☐	
			16:31	EN			49° 35.80	124° 51.64			-			☐ ☐	
			:				.	.			-			☐ ☐	

Event Type:

BOT = Bottle cast (no CTD)
CTD = Standalone CTD
ROS = CTD in Rosette
SET = Fish Set

LOOP = Sea Water Loop

MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter

— = —

Bottle Firing Method:

US = Up / Stop (default)
UN = Up / No stop
DN = Down / No stop

Notes: —

Time Code:

BE = Beginning Time of Cast
BO = Bottom Time of Cast
EN = End Time of Cast

CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

Produced by the Water Properties Group, IOS

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Month <u>JUNE</u>				Year <u>2014</u>		Vessel <u>VECTOR</u>		Cruise ID <u>2014-28</u>							
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
✓ 007	BS 5	20	17:00	BO	NET		49° 35.85	124° 51.55	40		-	-	H.M	☐	Scor
			17:00	BO			49° 35.85	124° 51.55		35	-			☐	
			17:05	GM			49° 35.85	124° 51.55			-			☐	
✓ 008	BS 4	20	17:24	BO	CTD	-	49° 38.20	124° 50.42	21		-	-	H.M	☒	
			17:25	BO			49° 36.20	124° 50.42		21	-			☐	
			17:25	GM			49° 36.20	124° 50.43			-			☐	
009	BS 4	20	?:	BO	GRAB		49° 36.18	124° 50.40			-			☐	
010	BS 5		?:	BO	GRAB		49° 35.84	124° 51.57			-			☐	
011	BS 6		19:14	BO	GRAB		49° 35.60	124° 52.50			-			☐	
012	BS 3		19:45	BO	GRAB		49° 32.88	124° 54.52			-			☐	
013	BS 2		19:58	BE	GRAB		49° 38.41	124° 53.70			-			☐	
014	BS 1	✓	20:12	BE	GRAB		49° 38.91	124° 52.84			-			☐	
✓ 015	BS 7	20	20:53	BO	CTD	-	49° 34.03	124° 52.33	24		-	-	H.M	☒	
			20:53	BO			49° 34.03	124° 52.33		25	-			☐	
			20:56	GM			49° 34.03	124° 52.33			-			☐	
✓ 016	BS 8	21	21:09	BO	ROS		49° 34.14	124° 51.59	46		15-21	7	H.M	☒	
			21:12	BO			49° 34.14	124° 51.58		45	-			☐	
			21:19	GM			49° 34.15	124° 51.59			-			☐	
			:				.	.			-			☐	

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Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
✓ 017	BS 08	20	21:38	BG	NET	—	49° 34.113	124° 54.61	44		-	—	—	☐ ☐	VNH SCOR
			21:39	BO			49° 34.11	124° 54.61		40	-			☐ ☐	
			21:40	GN			49° 34.11	124° 54.61			-			☐ ☐	
✓ 018	BS 09	20	21:57	BG	CTD	—	49° 34.34	124° 50.93			—		H.M.	☐ ☒	
			21:58	BO			49° 34.35	124° 50.94			-			☐ ☐	
			21:59	GN			49° 34.35	124° 50.95			-			☐ ☐	
✓ 019	BS 12		22:21	BG	CTD		49° 32.39	124° 50.10	29		—		H.M.	☐ ☒	
			22:22	BO			49° 32.39	124° 50.09			-			☐ ☐	
			22:23	GN			49° 32.38	124° 50.09			-			☐ ☐	
✓ 020	BS 11	20	22:34	BG	ROS	VS	49° 32.19	124° 50.49	42		22-28	7	H.M.	☐ ☐	
			22:37	BO			49° 32.18	124° 50.50			-			☐ ☐	
			22:44	GN			49° 32.18	124° 50.51			-			☐ ☐	
✓ 021	BS 11	20	23:06	BG	NET	—	49° 31.19	124° 50.51	44		—		H.M.	☐ ☐	SCOR VNH
			23:06	BO			49° 31.19	124° 50.51		40	-			☐ ☐	
			23:07	GN			49° 31.19	124° 50.51			-			☐ ☐	
✓ 022	BS 10	20	23:20	BG	CTD		49° 32.01	124° 50.96			—		H.M.	☐ ☒	
			23:22	BO			49° 32.01	124° 50.96			-			☐ ☐	
			23:	GN			° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	

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Month <u>JUNE</u>			Year <u>2014</u>			Vessel <u>VECTOR</u>			Cruise ID <u>2014-28</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
✓ 007	BS 5	20	17:00	BO	NET		49° 35.85	124° 51.55	40		—	—	H.M	☐ ☐	Scal
			17:00	BO			49° 35.85	124° 51.55		35	-			☐ ☐	
			17:05	GM			49° 35.85	124° 51.55			-			☐ ☐	
✓ 008	BS 4	20	17:24	BO	CTD	—	49° 36.20	124° 50.42	21		—	—	H.M	☒ ☐	
			17:25	BO			49° 36.20	124° 50.42		21	-			☐ ☐	
			17:25	GM			49° 36.20	124° 50.43			-			☐ ☐	
009	BS 4	20	?	BO	GRAB		49° 36.18	124° 50.40			-			☐ ☐	
010	BS 5		?	BO	GRAB		49° 35.84	124° 51.57			-			☐ ☐	
011	BS 6		19:14	BO	GRAB		49° 35.60	124° 52.50			-			☐ ☐	
012	BS 3		19:45	BO	GRAB		49° 32.88	124° 54.52			-			☐ ☐	
013	BS 2		19:58	BO	GRAB		49° 38.41	124° 53.70			-			☐ ☐	
014	BS 1		20:12	BO	GRAB		49° 38.91	124° 52.84			-			☐ ☐	
✓ 015	BS 7	20	20:53	BO	CTD	—	49° 34.03	124° 52.33	24		—	—	H.M	☒ ☐	
			20:55	BO			49° 34.03	124° 52.33		25	-			☐ ☐	
			20:56	GM			49° 34.03	124° 52.33			-			☐ ☐	
✓ 016	BS 8	21	21:09	BO	ROS		49° 34.14	124° 51.59	46		15-21	7	H.M	☒ ☐	
			21:12	BO			49° 34.14	124° 51.58		45	-			☐ ☐	
			21:19	GM			49° 34.15	124° 51.59			-			☐ ☐	
			:				.	.			-			☐ ☐	

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Month <u>JUNE</u>				Year <u>2014</u>		Vessel <u>VBC TOR</u>		Cruise ID <u>2014-28</u>							
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
✓ 017	BS 08	20	21:38	BG	NET	—	49° 34.113	124° 54.61	44		-	—	—	☐ ☐	VNH SCOR
			21:39	BO			49° 34.11	124° 54.61		40	-			☐ ☐	
			21:40	GM			49° 34.11	124° 54.61			-			☐ ☐	
✓ 018	BS 09	20	21:57	BG	CTD	—	49° 34.34	124° 50.93			—		H.M.	☐ ☒	
			21:58	BO			49° 34.35	124° 50.94			-			☐ ☐	
			21:59	GM			49° 34.35	124° 50.95			-			☐ ☐	
✓ 019	BS 12		22:21	BG	CTD		49° 32.39	124° 50.10	29		—		H.M.	☐ ☒	
			22:22	BO			49° 32.39	124° 50.09			-			☐ ☐	
			22:23	GM			49° 32.38	124° 50.09			-			☐ ☐	
✓ 020	BS 11	20	22:34	BG	ROS	VS	49° 32.19	124° 50.49	42		22-28	7	H.M.	☐ ☐	
			22:37	BO			49° 32.18	124° 50.50			-			☐ ☐	
			22:44	GM			49° 32.18	124° 50.51			-			☐ ☐	
✓ 021	BS 11	20	23:06	BG	NET	—	49° 31.19	124° 50.51	44		—		H.M.	☐ ☐	SCOR VNH
			23:06	BO			49° 31.19	124° 50.51		40	-			☐ ☐	
			23:07	GM			49° 31.19	124° 50.51			-			☐ ☐	
✓ 022	BS 10	20	23:20	BG	CTD		49° 32.01	124° 50.96			—		H.M.	☐ ☒	
			23:22	BO			49° 32.01	124° 50.96			-			☐ ☐	
			23:	GM			°	°			-			☐ ☐	
			:				°	°			-			☐ ☐	

Event Type:

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Month <u>JUNE</u>				Year <u>2014</u>		Vessel <u>VECTOR</u>				Cruise ID <u>2014-28</u>				Page <u>4</u> of <u> </u>	
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
023	BS07	21	01:50	BC	GRAB		49°34.01	124°52.32			-			☐	
024	BS08	21	01:30	BC	GRAB		49°34.13	124°51.59			-			☐	
025	BS09	21	01:06	BC	GRAB		49°34.32	124°50.94			-			☐	
026	BS10	20	23:35	BC	GRAB		49°32.08	124°50.98			-			☐	
027	BS11	20	23:50	BC	GRAB		49°32.17	124°50.51			-			☐	
028	BS12	21	00:45	BC	GRAB		49°32.38	124°50.10			-			☐	
			:				°	°			-			☐	
✓ 029	BS15	21	14:12	BC	CTD	-	49°30.73	124°48.99	27		-			☐	
			14:14	BO			49°30.73	124°48.99			-		H.M.	☒	
			14:	EN			49°30.	124°48.			-			☐	
✓ 030	BS14	21	14:42	BC	ROS	U.S.	49°31.07	124°48.70	44		-			☐	
			14:44	BO			49°31.07	124°48.69		45	29-35	7	H.M.	☒	
			14:51	EN			49°31.08	124°48.68			-			☐	
031	BS14	21	15:09	BC	NET	-	49°31.08	124°48.76			-			☐	
			15:10	BO			49°31.08	124°48.70			-		H.M.	☐	VNAH SCOR
			15:10	EN			49°31.08	124°48.70			-			☐	
✓ 032	BS13	21	15:22	BC	CTD		49°31.33	124°48.45	45		-			☐	
			15:24	BO			49°31.33	124°48.45			-		H.M.	☐	
			15:	EN			49°31.	124°48.		43	-			☐	

Event Type:

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Month <u>June</u>				Year <u>2014</u>		Vessel <u>VECTOR</u>				Cruise ID <u>2014-28</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
✓ 033	BS 16	21	15:52	BC	CTD	—	49° 29. 21	124° 45. 71	40		—	—	H.M.	☐ ☒	
			15:54	BO			49° 29. 21	124° 45. 71		40	-			☐ ☐	
			15:55	GN			49° 29. 22	124° 45. 71			-			☐ ☐	
✓ 034	BS 17	21	16:04	BC	ROS	U.S.	49° 29. 02	124° 46. 19	48		36 - 42	7	H.M.	☐ ☒	ΔIC CAST
			16:06	BO			49° 29. 01	124° 46. 19		48	-			☐ ☐	
			16:13	GN			49° 29. 01	124° 46. 19			-			☐ ☐	
035	BS 17	21	16:45	BC	NET	—	49° 29. 04	124° 46. 55	48		-		H.M.	☐ ☐	VNH SCOR
			16:46	BO			49° 29. 04	124° 46. 55		42	-			☐ ☐	
			16:45	GN			49° 29. 04	124° 46. 55			-			☐ ☐	
✓ 036	BS 18	21	16:54	BC	CTD	—	49° 28. 95	124° 46. 53	23		—	—	H.M.	☐ ☒	
			16:56	BO			49° 28. 95	124° 46. 53		22	-			☐ ☐	
			16:56	GN			49° 28. 95	124° 46. 53			-			☐ ☐	
✓ 037	BS 19	21	17:13	BC	CTD	—	49° 28. 10	124° 45. 17	48		—		H.M.	☐ ☒	
			17:14	BO			49° 28. 10	124° 45. 17		46	-			☐ ☐	
			17:15	GN			49° 28. 10	124° 45. 17			-			☐ ☐	
✓ 038	BS 20	21	17:28	BC	ROS	U.S.	49° 29. 31	124° 44. 34	37		43 - 49	7	H.M.	☐ ☒	
			17:29	BO			49° 29. 32	124° 44. 33		36	-			☐ ☐	
			17:35	GN			49° 29. 32	124° 44. 33			-			☐ ☐	
			:				.	.			-			☐ ☐	

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							Latitude	Longitude							
039	BS 20	21	17:57	BS	NET		49° 28.32	124° 44.83	38		-		4m.	☐	VNA SCOR
			17:57	BO			49° 28.32	124° 44.83		32	-			☐	
			17:58	GN			49° 28.32	124° 44.83			-			☐	
040	BS 21	21	18:09	56	CTD		49° 28.62	124° 44.56	19		-		H.M	☐	
			18:11	BO			49° 28.62	124° 44.57		17	-		J.O.	☐	
			18:11	GN			49° 28.61	124° 44.57			-		J.O.	☐	
041	BS 21	21	19:08	BO	CTD		49° 28.610	124° 44.579	21		-		J.O.	☐	
042	BS 20	21	19:31	BO			49° 28.312	124° 44.827	41		-		J.O.	☐	
043	BS 19	21	19:48	BO			49° 28.117	124° 45.203	48		-		J.O.	☐	
044	BS 18	21	20:09	BO			49° 28.961	124° 46.543	26		-		J.O.	☐	
045	BS 17	21	20:26	BO			49° 29.021	124° 46.188	53		-		J.O.	☐	
046	BS 13	21	21:09	BO			49° 31.351	124° 48.481	48		-		J.O.	☐	
047	BS 14	21	21:32	BO			49° 31.075	124° 48.700	48		-		J.O.	☐	
048	BS 16	21	21:42	BO			49° 29.224	124° 45.724	45		-			☐	
049	BS 15	21	21:47	BO			49° 30.654	124° 48.991	28		-			☐	
050	BS 22	21	22:32	BO	ROS	U.S	49° 28.26	124° 41.71	41		50-56	7	H.M	☒	
			22:33	BO			49° 28.25	124° 41.70		41	-			☐	
			22:42	GN			49° 28.24	124° 41.68			-			☐	
			:				.	.			-			☐	

Event Type:

BOT = Bottle cast (no CTD)
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SET = Fish Set

LOOP = Sea Water Loop
MOR = Mooring
NET = Plankton Net Haul
DRF = Drifter
— = —

Bottle Firing Method:

US = Up / Stop (default)
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Time Code:

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CTD Transmissometer and Fluorometer to be cleaned before each cast -- do not use Ammonia products

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Notes:

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Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/Fl Cleaned	Comments
							Latitude	Longitude							
052	BS 22	21	23:05	BC	NET	—	49° 28.27	124° 41.70			-			☐ ☐	EVENT #1 OUT OF SEQUENCE
			:	BO			49° 28.268	124° 41.704	41		-			☐ ☐	
			:	EN			49° 28.27	124° 41.70			-			☐ ☐	
✓ 051	BS 23	21	23:22	BC	ROS	U.S.	49° 27.80	124° 39.90	57		57-63	7	14.m	☐ ☒	
			23:24	BO			49° 27.79	124° 39.91		58	-			☐ ☐	
			23:31	EN			49° 27.77	124° 39.92			-			☐ ☐	
053	BS 23	21	23:52	BC	NET	—	49° 27.78	124° 39.91	56		-			☐ ☐	
			23:52	BO			49° 27.78	124° 39.91		50	—			☐ ☐	
			23:52	EN			49° 27.78	124° 39.91			-			☐ ☐	
✓ 054	BS 27	22	00:32	BC	CTD	—	49° 26.42	124° 37.93	58		-			☐ ☐	
			00:34	BO			49° 26.41	124° 37.92		59	-			☐ ☐	
			00:36	EN			49° 26.41	124° 37.92			-			☐ ☐	
055	BS 27	22	00:47	BC	NET		49° 26.41	124° 37.95	56		-			☐ ☐	
			00:48	BO			49° 26.41	124° 37.95			-			☐ ☐	
			00:48	EN			49° 26.41	124° 37.95			-			☐ ☐	
✓ 056	BS 34	22	14:40	BC	ROS	U.S.	49° 27.30	124° 35.09	174		64-74	11		☐ ☐	
			14:44	BO			49° 27.30	124° 35.07		171	-			☐ ☐	
			14:58	EN			49° 27.31	124° 35.09			-			☐ ☐	
			:				.	.			-			☐ ☐	

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Month <u>JUNE</u>				Year <u>2014</u>		Vessel <u>VECTOR</u>				Cruise ID <u>2014-28</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
057	BS34	22	15:21	BO	NET	—	49° 27.31	124° 35.08	174		—	—	H.M.	☐ ☐	VNH SCOR
			15:21	EN			49° 27.31	124° 35.08		165	-			☐ ☐	
✓ 058	BS 29	22	15:50	BO	ROS		49° 24.69	124° 34.93	52		75 - 81	7		☐ ☐	
			15:53	BO			49° 24.69	124° 34.94			-			☐ ☐	
			15:55	EN			49° 24.69	124° 34.94			-			☐ ☐	
059	BS 29	22	:	BO	NET		- ° -	° -			-			☐ ☐	
			:	EN			49° 24.691	124° 34.936	52		-			☐ ☐	
060	BS 29	22	15:59		GRAB	—	49° 24.69	124° 34.97			-			☐ ☐	
061	BS34	22	16:04			—	49° 27.31	124° 35.08			-			☐ ☐	
062	BS27	22	16:30			—	49° 26.41	124° 37.92			-			☐ ☐	
063	BS23	22	17:59			—	49° 27.79	124° 39.92			-			☐ ☐	
064	BS 22	22	18:24			—	49° 28.26	124° 41.71			-			☐ ☐	
✓ 065	BS 33	22	19:44	BO	ROS	V.S.	49° 30.53	124° 42.78	56		82 - 88	7	H.M.	☐ ☒	
			19:52	BO			49° 30.54	124° 42.78		57	-			☐ ☐	
			19:	EN			49° 30.	124° 42.			-			☐ ☐	
066	BS33		:	BO	NET	—	49° 30.533	124° 42.784	56		-		H.M.	☐ ☐	
			:	EN			49° 30.533	124° 42.784			-			☐ ☐	
067	BS33		19:13		GRAB		49° 30.52	124° 42.77			-			☐ ☐	
			:				°	°			-			☐ ☐	

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Notes:

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Month <u>JUNE</u>			Year <u>2014</u>			Vessel <u>VECTOR</u>			Cruise ID <u>2014-28</u>						
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/Fl Cleaned	Comments
✓ 068	BS 32	22	20:24	BC	ROS	U.S.	49° 33.49	124° 44.40	43		89 - 95	7	H.M.	☐ ☐	
			20:27	BO			49° 33.50	124° 44.42		43	-			☐ ☐	
			20:36	EN			49° 33.50	124° 44.43			-			☐ ☐	
069	BS 32	22	:	BO	NET	—	° .	° .			—	—		☐ ☐	VNH SCOR
			:	EN			49° 33.492	124° 44.417	43		-			☐ ☐	
070	BS 32	22	21:07		GRAB		49° 33.52	124° 44.49			—			☐ ☐	
✓ 071	BS 31	22	21:46	BC	ROS	U.S.	49° 37.45	124° 46.81	43		96 - 102	7	H.M.	☐ ☐	
			21:51	BO			49° 37.46	124° 44.82		44	-			☐ ☐	
			21:58	EN			49° 37.45	124° 44.79			-			☐ ☐	
072	BS 31	22	22:15	BO	NET	—	49° 37.45	124° 46.78	44	38	-			☐ ☐	VNH SCOR
			22:16	EN			49° 37.45	124° 46.78			-			☐ ☐	
073	BS 31	22	22:29		GRAB		49° 37.45	124° 46.79			-			☐ ☐	
✓ 074	BS 26	22	22:53	BC	CTD	—	49° 38.06	124° 49.87	48		—			☐ ☐	
			22:54	BO			49° 38.06	124° 49.85		47	-			☐ ☐	
			22:56	EN			49° 38.06	124° 49.85			-			☐ ☐	
075	BS 26	22	23:04	BO	NET	—	49° 37.45	124° 46.78	48		-			☐ ☐	
			23:04	EN			49° 37.45	124° 46.78		42	-			☐ ☐	
076	BS 26		:	BC	GRAB		° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	

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Month <u>JUNE</u>				Year <u>2014</u>		Vessel <u>VECTOR</u>				Cruise ID <u>2014-28</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information		Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
							Latitude	Longitude							
✓ 077	BS 25	22	23:23	BC	CTD	—	49° 38.94	124° 50.71	51		—	—	H.M.	☐ ☒	
			23:24	BO			49° 38.95	124° 50.71			—			☐ ☐	
			23:26	GN			49° 38.96	124° 50.71			—			☐ ☐	
078	BS 25		23:35	BO	NET	—	49° 38.97	124° 50.70	51	45	—			☐ ☐	
			:	GN			49° 38.97	124° 50.40			—			☐ ☐	
079	BS 25		23:37		GRAB		49° 38.96	124° 50.70			—			☐ ☐	
✓ 080	BS 24	23	14:45	BC	ROS	U.S.	49° 39.79	124° 51.18	48		103-109	7	H.M.	☐ ☒	
			14:47	BO			49° 39.78	124° 51.17		50	—			☐ ☐	
			14:52	GN			49° 39.	124° 51.			—			☐ ☐	
081	BS 24	23	15:10	BO	NET	—	°	°			—			☐ ☐	
			:	GN			49° 39.814	124° 51.161	52		—			☐ ☐	
082	BS 24	23	15:35	BO	GRAB		49° 39.805	124° 51.183			—		J.O.	☐ ☐	
✓ 083	BS 35	23	15:46	BC	CTD	—	49° 41.85	124° 47.47	120		—	—	H.M.	☐ ☒	
			15:48	BO			49° 41.85	124° 47.48		120	—			☐ ☐	
			15:	GN			49° 41.	124° 47.			—			☐ ☐	
084	BS 35	23	15:59	BO	NET		49° 41.873	124° 47.525	120		—	—		☐ ☐	
			16:01	GN			49° 41.875	124° 47.531			—			☐ ☐	
085	BS 35	23	16:09	BO	GRAB		49° 41.868	124° 47.548	120		—		J.O.	☐ ☐	
			:				°	°			—			☐ ☐	

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Notes:

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Month				Year			Vessel			Cruise ID					
JUNE				2014			VECTOR			2014-20					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/Fl Cleaned	Comments
086	BS 36	23	16:47	BO	ROS	U.S.	49°38.86	124°43.15	135		110 - 119	10	H.M.	☐ ☒	
			16:50	BO			49°38.87	124°43.15		135	-			☐ ☐	
			17:02	EN			49°38.88	124°43.16			-			☐ ☐	
087	BS 36	23	17:21	BO	NET	-	49°38.37	124°43.16			-	-		☐ ☐	VNH SCOR
			:	EN			49°38.97	124°43.16			-			☐ ☐	
088	PS 36	23	17:40	BO	GRAB	-	49°38.893	124°43.169	135		-		Jo.	☐ ☐	
089	BS 37	23	18:16	BE	CTD	-	49°35.94	124°39.26	158		-	-	H.M.	☐ ☒	
			18:19	BO			49°35.92	124°39.25		158	-			☐ ☐	
			18:22	EN			49°35.91	124°39.24			-			☐ ☐	
090	BS 37	23	:	BO	NET	-	49°35.95	124°39.27			-	-		☐ ☐	VNH SCOR
			:	EN			49°35.95	124°39.27			-			☐ ☐	
091	BS 37	23	19:23	BO	GRAB		49°35.952	124°39.269	159		-			☐ ☐	
092	BS 38	23	19:55	BE	ROS	U.S.	49°34.17	124°34.05	178		120 - 129	10	H.M.	☐ ☐	
			20:00	BO			49°34.16	124°34.04		174	-			☐ ☐	
			20:11	EN			49°34.20	124°34.04			-			☐ ☐	
093	BS 38	23	20:29	BO	NET	-	49°34.19	124°34.06	178	165	-	-		☐ ☐	
			20:29	EN			49°34.19	124°34.06			-			☐ ☐	
094	BS 38	23	20:45	BO	GRAB	-	49°34.204	124°34.042	177		-		T.S.	☐ ☐	
			:				.	.			-			☐ ☐	

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Notes:

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Month <u>JUNE</u>				Year <u>2014</u>			Vessel <u>VGCTOR</u>			Cruise ID <u>2014-28</u>					
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Depth	Max Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
✓ 095	BS 39	23	21:21	BO	CTD	—	49° 30.56	124° 29.60	172		—	—	H.M.	☐ ☐	
			21:28	BO			49° 30.57	124° 29.61			-			☐ ☐	
			21:	EN			49° 30.	124° 29.			-			☐ ☐	
096	BS 39	23	14:41	BO	NET	—	49° 30.546	124° 29.591	172		—	—	H.M.	☐ ☐	
			14:45	EN			49° 30.546	124° 29.586			-			☐ ☐	
097	BS 39	23	:		GRAB		° .	° .			-			☐ ☐	
✓ 098	BS 40	23	22:28	BE	ROS	V.S.	49° 27.09	124° 28.36	340		130 - 142	13	H.M.	☐ ☐	
			22:35	BO			49° 27.09	124° 28.36		340	-			☐ ☐	
			22:54	EN			49° 27.05	124° 28.36			-			☐ ☐	
099	BS 40	23	23:09	BO	NET	—	49° 27.09	124° 28.36	340	325	-			☐ ☐	
			23:09	EN			49° 27.09	124° 28.36			-			☐ ☐	
100	BS 40	23	23:36	BO	GRAB	—	49° 27.09	124° 28.36	347		-		J.O.	☐ ☐	\$
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	

Event Type:

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