

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month				Year		Vessel		Cruise ID							
June				2016		Vector		2016-4746							
Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Latitude	Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/FI Cleaned	Comments
91	BS34	27	14:51	BE	NET		49 ° 27.318	124 ° 35.174	174		-			☐ ☐	
			14:54	BO			49 ° 27.313	124 ° 35.173		169	-			☐ ☐	
			14:57	EN			49 ° 27.312	124 ° 35.185			-			☐ ☐	
			:				°	°			-			☐ ☐	
92	BS31	27	17:05	BE	ROS	US	49 ° 37.418	124 ° 46.946	48		98 -104	7	KS	☒ ☐	→
			17:06	BO			49 ° 37.417	124 ° 46.957		46	-			☐ ☐	
			17:13	EN			49 ° 37.398	124 ° 46.944			-			☐ ☐	
			:				°	°			-			☐ ☐	
93	BS26	27	17:51	BE	ROS	US	49 ° 38.076	124 ° 49.846	50		116 -122	7	KS	☒ ☐	
			17:53	BO			49 ° 38.076	124 ° 49.843		48	-			☐ ☐	
			18:01	EN			49 ° 38.066	124 ° 49.873			-			☐ ☐	
			:				°	°			-			☐ ☐	
94	BS24	27	19:41	BE	ROS		49 ° 39.823	124 ° 51.173	54		123 -129	7	KS	☒ ☐	→
			19:43	BO			49 ° 39.829	124 ° 51.187		52	-			☐ ☐	
			19:51	EN			49 ° 39.827	124 ° 51.140			-			☐ ☐	
			:				°	°			-			☐ ☐	
95	BS35	27	22:23	BE	ROS		49 ° 41.842	124 ° 47.462	124		130 -139	10	KS	☒ ☐	
			22:25	BO			49 ° 41.840	124 ° 47.465		122	-			☐ ☐	
			22:37	EN			49 ° 41.843	124 ° 47.477			-			☐ ☐	

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
 GRAB = Smith-McIntyre

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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 Version: 20 April 2016

Event 92

- Had previously printed and labeled bottles before plans changed leading to sample IDs being out of order with casts.

Event 94

- Brake was on slightly on way down. Winch was a bit jerky.

Event 95

- Sent rosette back down to 5m to fire bottle 9 that did not close. Started new ctd event files and name as event 96.

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96	BS35	27	22:42	BO	ROS	US	49 ° 41.840	124 ° 47.484		5m	-	1	KS	☒ ☐	refined bot 9.
			:				° .	° .			-			☐ ☐	
97	BS36	28	00:48	BE	ROS	US	49 ° 38.872	124 ° 43.164	138		140-149	10	KS	☒ ☐	1.5 m off bottom
			00:51	BO			49 ° 38.875	124 ° 43.147		137	-			☐ ☐	
			01:03	EN			49 ° 38.863	124 ° 43.154			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
98	BS39	28	14:09	BE	NET		49 ° 30.523	124 ° 29.619	170		-			☐ ☐	
			14:12	BO			49 ° 30.492	124 ° 29.609		165	-			☐ ☐	
			14:15	EN			49 ° 30.460	124 ° 29.638			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
99	BS39	28	14:31	BE	GRAB		49 ° 30.428	124 ° 29.618			-			☐ ☐	#2 attempts
			14:34	BO			49 ° 30.413	124 ° 29.607	172		-			☐ ☐	
			14:38	EN			49 ° 30.381	124 ° 29.609			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
100	BS39	28	14:41	BE	ROS		49 ° 30.373	124 ° 29.616	175		150-159	10	KS	☒ ☐	2m off bottom.
			14:46	BO			49 ° 30.356	124 ° 29.608		173	-			☐ ☐	
			15:01	EN			49 ° 30.298	124 ° 29.562			-			☐ ☐	
			:				° .	° .			-			☐ ☐	
			:				° .	° .			-			☐ ☐	

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101	BS37	28	17:21	BE	ROS	US	49 ° 35.945	124 ° 39.317	162		170 - 179	10	KS	☒	Sent rosette back
			17:25	BO			49 ° 35.936	124 ° 39.314		160	-			☐	down to 5m →
			17:44	EN			49 ° 35.867	124 ° 39.313			-			☐	
			:				° .	° .			-			☐	
102	BS38	28	20:53	BE	NET		49 ° 34.208	124 ° 34.888	176		-			☐	
			20:	BO			49 ° 34.	124 ° 34.		171	-			☐	missed bottom location
			21:01	EN			49 ° 34.178	124 ° 34.878			-			☐	
			:				° .	° .			-			☐	
103	BS38	28	21:08	BE	GRAB		49 ° 34.219	124 ° 34.869			-			☐	
			21:11	BO			49 ° 34.227	124 ° 34.844			-			☐	
			21:14	EN			49 ° 34.229	124 ° 34.817			-			☐	
			:				° .	° .			-			☐	
104	BS38	28	21:21	BE	ROS		49 ° 34.194	124 ° 34.801	178		160 - 169	10	KS	☒	
			21:26	BO			49 ° 34.196	124 ° 34.818		176	-			☐	
			21:39	EN			49 ° 34.220	124 ° 34.838			-			☐	
			:				° .	° .			-			☐	
			:				° .	° .			-			☐	
			:				° .	° .			-			☐	
			:				° .	° .			-			☐	

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This page is for any notes or observations

Event 101

to fire bottle 9. Did not stop archiving. Rosette brought on deck to reset Niskin 9 and sent back down to 5m to refill.