

DAILY SCIENCE LOG BOOK

MISSION
NUMBER

2020-085

DATE:

From: 06-OCT 2020

to:

VESSEL:

CME DOUG ANDERSON

PROJECT(S):

Water Properties Group
Fisheries and Oceans Canada
Institute of Ocean Sciences
Ocean Sciences Division
Sidney, BC, Canada

WaterProperties.ca

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

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Month <u>10</u>		Year <u>2020</u>		Ship <u>Anderson</u>		Cruise ID <u>2020-085</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							
9	Climaxhel	1820		MET		1	53° 04.663	129° 16.572	N/A	N/A					
10	CH02	2222	BE	CTD		2	54° 38.950	130° 38.102	270						
		2226	BO				54° 40.003	130° 38.130		200					
10	CH02	2248	BE	CTD		3	54° 40.048	130° 38.402	270						
		2250	BO				54° 40.052	130° 38.400		100					
11	PRH3	0027	BE	CTD		4	54° 19.528	130° 19.538	42				HB/GC		
		0028	BO				54° 19.533	130° 19.523		39					
		0029	EN				54° 19.537	130° 19.518							
11	PRH2	0035	BE	CTD		5	54° 18.422	130° 21.782	68				HB/GC		
		0037	BO				54° 18.427	130° 21.773		61					
		0038	EN				54° 18.427	130° 21.767							
11	PRH4	0047	BE	CTD		6	54° 20.317	130° 17.475	44				HB/GC		
		0048	BO				54° 20.325	130° 17.470		40					
		0049	EN				54° 20.325	130° 17.470							
12	R1					7									} Sophie J. Steena Sampling
	R2					8									
	R3					9									
	R4					10									
	R5					11									

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
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Bottle Firing Method:

US = Up / Stop
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Notes:

Time Code:

BE = Beginning Time of Cast
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Transmissometer to be cleaned before each cast, do not use Ammonia products

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ClimaVuel - weather station near Navaid ca. SW Corner of Gil Island

This page is for any notes or observations

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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									
12	HA4	1812	BE	ROS	—	12	55.6082	-129.7965	168				SP/DS				
		1821	BO							163							
		1823	EN														
	HA3	1842	BE	ROS		13	55.5420	-129.7852	294				SP/DS				
		1847	BO							282							
		1854	EN														
	HA2	1910	BE	ROS		14	55.4712	-129.7435	320				SP/DS				
		1917	BO							303							
		1924	EN														
	HA1	1935	BE	ROS		15	55.4146	-129.7184	178				SP/DS				
		1938	BO							166							
		1942	EN														
	HA14	1949	BE	ROS		16	55.3973	-129.7138	187				SP/DS				
		53	BO							180							
		56	EN														
	HA13	2013	BE			17	55.4519	-129.6295	402				SP/DS				
		2021	BO							378							
		2029	EN														

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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							
12	AA8	2036	BE			18	55.4295	-129.6719	295		—		SP/DS		
		43	BO							282					
		48	EN												
12	AA8.5	2057	BE			19	55.4215	-129.6710	44		—		SP/DS		
		2059	BO							43					
		2100	EN												
12	AA9	2107	BE			20	55.4125	-129.6821	85		—		SP/DS		
		2110	BO							82					
		2113	EN												
12	AA10	2117	BE			21	55.4025	-129.6860	112		—		SP/DS		
		2119	BO							109					
		2121	EN												
12	AA11	2125	BE			22	55.3918	-129.6934	62		—		SP/DS		
		2126	BO												
		2127	EN												
17	JPS1A	2211	BE	CTD		23	52.6025	-131.6812			—		MG/GC		RBR CTD
		2213	BO				6025	6812		77					
		2216	EN				6021	6810							

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Month <u>October</u>				Year <u>2020</u>			Ship <u>David Anderson</u>				Cruise ID <u>2020-085</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							
17	JSP1B	2220	BR	CTD		24	52.6041	-131.6761				/	MG/GC		
		2224	BO				.6038	.6760		140					
		2227	EN				.6036	.6760							
17	JSP2D	2233	BE	CTD		25	52.6062	-131.6639					GC/MG		
		2235	BO				.6060	.6635		60					
		2236	EN				.6059	.6636							
17	JSP1E	2240	BE	CTD		26	52.6080	-131.6559					GC/MG		
		2243	BO				.6078	.6557		65					
		2245	EN				.6075	.6555							
17	JSP1F	2249	BE	CTD		27	52.6095	-131.6479					GC/MG		
		2252	BO				.6094	.6479		112					
		2254	EN				.6092	.6480							
17	JSP2G	2258	BE	CTD		28	52.6117	-131.6400					GC/MG		
		2259	BO				.6117	.6397		48					
		2302	EN				.6112	.6398							
17	JSP1A	2307	BE	CTD		29	52.6028	-131.6818					GC/MG		
		2310	BO				.6026	.6819		70					
		2312	EN				.6023	.6820							

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							Latitude	Longitude							
17	JSP1B	2316	BE	CTD		30	52.6042	-131.6757					GC/MG		
		2320	BD				.6042	.6755		141	—				
		2323	EN				.6040	.6755							
17	JSP1D	2329	BE	CTD		31	52.6064	-131.6631			—	/	GC/MG		
		2330	BD				.6063	.6634		57					
		2332	EN				.6062	.6634							
17	JSP1E	2337	BE	CTD		32	52.6080	-131.6653			—	/	GC/MG		
		2339	BD				.6080	.6651		72					
		2341	EN				.6079	.6649							
17	JSP1F	2349	BE	CTD		33	52.6094	-131.6486			—	/	GC/MG		
		2352	BD				.6091	.6487		165					
		2355	EN				.6092	.6486							
17	JSP1G	2358	BE	CTD		34	52.6115	-131.6402			—	/	GC/MG		
18		0001	BD				.6112	.6400		51					
		0002	EN				.6111	.6400							
18	JSP1A	0009	BE	CTD		35	52.6026	-131.6813			—	/	GC/MG		
		0011	BD				.6026	.6813		83					
		0015	EN				.6026	.6813							

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							Latitude	Longitude							
<u>18</u>	<u>JSP1B</u>	<u>0017</u>	<u>BE</u>	<u>CTD</u>		<u>36</u>	<u>52.6043</u>	<u>-131.6759</u>			<u>/</u>	<u>/</u>	<u>GC/MG</u>		
		<u>0022</u>	<u>BO</u>				<u>6045</u>	<u>67.56</u>		<u>140.</u>					
		<u>0025</u>	<u>EN</u>				<u>6046</u>	<u>67.53</u>							
<u>18</u>	<u>JSP1D</u>	<u>0030</u>	<u>BE</u>	<u>CTD</u>		<u>37</u>	<u>52.6062</u>	<u>-131.6633</u>			<u>/</u>	<u>/</u>	<u>GC/MG</u>		
		<u>0031</u>	<u>BO</u>				<u>6061</u>	<u>6635</u>		<u>62</u>					
		<u>0033</u>	<u>EN</u>				<u>6062</u>	<u>6635</u>							
<u>18</u>	<u>JSP1E</u>	<u>0037</u>	<u>BE</u>	<u>CTD</u>		<u>38</u>	<u>52.6084</u>	<u>-131.6552</u>			<u>/</u>	<u>/</u>	<u>GC/MG</u>		
		<u>0039</u>	<u>BO</u>				<u>6083</u>	<u>6552</u>		<u>74</u>					
		<u>0042</u>	<u>EN</u>				<u>6082</u>	<u>6552</u>							
<u>18</u>	<u>JSP1F</u>	<u>0046</u>	<u>BE</u>	<u>CTD</u>		<u>39</u>	<u>52.6096</u>	<u>-131.6476</u>			<u>/</u>	<u>/</u>	<u>GC/MG</u>		
		<u>0049</u>	<u>BO</u>				<u>6082</u>	<u>6480</u>		<u>114</u>					
		<u>0051</u>	<u>EN</u>				<u>6087</u>	<u>6481</u>							
<u>18</u>	<u>JSP1G</u>	<u>0104</u>	<u>BE</u>	<u>CTD</u>		<u>40</u>	<u>52.6118</u>	<u>-131.6399</u>			<u>/</u>	<u>/</u>	<u>GC/MG</u>		
		<u>0106</u>	<u>BO</u>				<u>6117</u>	<u>6395</u>		<u>50</u>					
		<u>0108</u>	<u>EN</u>				<u>6114</u>	<u>6393</u>							
<u>18</u>	<u>JSP1A</u>	<u>0115</u>	<u>BE</u>	<u>CTD</u>		<u>41</u>	<u>52.6021</u>	<u>-131.6811</u>			<u>/</u>	<u>/</u>	<u>GC/MG</u>		
		<u>0118</u>	<u>BO</u>				<u>6022</u>	<u>6812</u>		<u>65</u>					
		<u>0119</u>	<u>EN</u>				<u>6022</u>	<u>6811</u>							

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