Local = +7 +UTC

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

Month May **Year** 2023 **Vessel** Vector **Cruise ID** 2023-035 NO

Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information Latitude	Positional Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/Fl Cleaned	Comments
#1	NWFAR	20 May 2023	18:38	~~BF~~	BOT	UN	53°.36015	129°.45032	~1m	~1m	- 1	N/A	CB	☐☐	Nearshore sample
#2	NWFAR	20	18:38	BE	BOT	UN	53° 21'.609	" -129° 27'.0192	"	"	- 2	N/A	CB	☐☐	Duplicate
3	minBay	21	19:35	BE	BOT	UN	53° 20.5956	-129° 27.8814	1m	~0.5m	- 3		CB	☐☐	Nearshore sample
4	minBay BackUp	23	19:17	"	BOT	UN	53°.551584	129°.168991	1m	1m	- 4		CB	☐☐	River mouth
* 5	minBay backup	23	:	"	BOT		° .	° .			- 5		CB	☐☐	Near BRW3
✓ 6	WHIC HB-test		:	"	ROS	UN	53° 22.585	129° 16.341			-			☐☐	E-DNA-test
✓ 7	HB-test	23	01:33	"	ROS	US	53° 22.585	129° 16.341			6 - 9		CB	☐☐	Rosette test-NVT
✓ 8	N14	24	15:21	"	ROS	UN	53°.31580	129°.137579 WP265			about 4 bort	6	CB	☐☐	E-DNA 08:21 local
9	N14	24	15:45	"	ROS	UN	53°.316058	129°.13733 265	~87m		10 - 11	6	CB	☐☐	~~Aborted~~ 08:45 E DNA 08:52 E
10	N13	24	17:00	"	ROS	UN	53° 372709	129°.15229	400m		12 - 13	6	CB	☐☐	EDNA+NUT ~~CTD~~ 10:03
11	18 Ver	24	19:07	"	ROS	UN	53° 484814	129° 083256	162m		14 - 15	6	CB	☐☐	"
12	9 Ver	24	19:50		ROS	UN	53° 505467	129° 058708	110m		16 - 17	6	CB	☐☐	"
13	5 Ver	24	20:39	BE	ROS	UN	53°.505483	129°.058739	35m		~~16~~ 18 - ~~19~~ 19	6	CB	☐☐	EDNA + nutrients ~~only~~
14	12 Urs	24	21:54	BE	ROS	UN	53°.432719	129° 932491	420		26 - 27		CB	☐☐	EDNA + nutrients
UP 15	12 Urs	24	22:49	BE	ROS	~~US~~ UN	53°.43.2524	128°.932.006	420		20 - 25	6	CB	☐☐	Nutrients only
16	UC43	25	00:39	BE	ROS	US	53°.483602	128°.977330	109		28 - 33	6	CB	☐☐	Nutrients only
17	UC43	25	01:10	BE	NET		53°.48.3674	128°.977304	109		NET - 1		CB, ER	☐☐	Bongo
			:		~~END~~		° .	° .			-			☐☐	
			:		END	1st Day	° water sample				-			☐☐	

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)
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Time Code:
BE = Beginning Time of Cast
BO = Bottom Time of Cast
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DE = Deployment Time
MR = Messenger Release Time
RE = Recover Mooring Time

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

Produced by the Water Properties Group, IOS

WaterProperties.ca
Version: 17 Feb 2020

Notes: UN: Flushed @ bottom but not at surface (2m depth)

+7

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

Month May | **Year** 2023 | **Vessel** Vector | **Cruise ID** 2023-035

Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information Latitude	Positional Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/Fl Cleaned	Comments
18	~~20 GAR~~	25	14:~~19~~	~~BE~~	ROS	UN	53.°416120	128.°525954			34 - 35	6	CB, ~~ER~~	☐☐	EDNA + nut
19	3GAR	25	15:~~30~~	~~BE~~	ROS	UN	53.°443485	128.°573579			36 - 37		CB ER	☐☐	EDNA + nut
20	6GAR	25	16:~~42~~	BE	ROS	UN	53°49.5837	128.°704657	43		38 - 39		CB ER	☐☐	EDNA + nut
21	6GAR-D	25	17:24	BE	ROS	US	53°496512	128°.710653	182		40 - 45		CB	☐☐	Nutrients
22	13GAR	25	19:12	BE	ROS	UN	53.°537308	128.°767278	193		46 - 47		CB	☐☐	EDNA + nut
23	ARMG	25	:		Boat		° .	° .			48 - 49		CB	☐☐	Surface nut A1
24	4GAR	25	21:11	BE	ROS	US	53.°571037	128.°793335	173		50 - 5~~3~~		CB	☐☐	EDNA + nut Pups
~~25~~	~~16 DEV~~		:				° .	° .			~~54 - 55~~		CB	☐☐	EDNA + nut
25	16 DEV	25	~~22~~:01	BE	ROS	US	53.°612079	128.°823985	146		~~55~~ - 58		CB	☐☐	EDNA, nut dup
26	16DEV NUT	25	~~23~~:40	BE	ROS	UN	53.°612126	128.°823993			59 - 64		CB	☐☐	Nutrients only
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	

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

Produced by the Water Properties Group, IOS

WaterProperties.ca
Version: 17 Feb 2020

Notes: UN = no stop on top bottles, but flushed near bottom

+7

≥3 dups

DAILY SCIENCE LOG

Ocean Sciences Division, Institute of Ocean Sciences

Month May **Year** 2023 **Vessel** Vector **Cruise ID** 2023-35

Event Number	Station Name	Day	Time (UTC)	Time Code	Event Type	Firing Method	Positional Information Latitude	Positional Information Longitude	Bottom Pressure	Max Cast Pressure	Sample Serial Numbers	# of Bottles	Watch Keepers	Trns/Fl Cleaned	Comments
27	11 Ver	26	16:11	BE	ROS	UN	53.°556649	128.°854383	173		65 - 68	6	CB ER	☐☐	EDNA + nut dup 7
28	14 Ver	26	17:13	BE	ROS	UN	53.°570914	128.°871411	207		69 - 72	6	CB ER	☐☐	" 9
29	14 Ver NUT	26	17:59	BE	ROS	US	53.°562920	128.°967972	235		73 - 78	6	CB	☐☐	Nutrients mid-
30	22 ~~Mid~~ Urs	26	19:12	BE	ROS	UN	53.°519621	128.°976644	80		79 - 82	6	CB	☐☐	EDNA + nut dup (1)
31	10 Urs	26	19:57	BE	ROS	UN	53.°519721	128.°976695	70		83 - 84	6	CB	☐☐	EDNA + nut
32	KKI	26	:				° .	° .			85 - 86	2	CB	☐☐	Palmira near surface Inlet
33	Bishop ~~Bay~~	26	:				° .	° .			87 - 88	2	CB	☐☐	" surface BBay
34	17 Urs	26	21:29	BE	ROS	UN	53.°373939	128.°897106	487		89 - 90	6	CB	☐☐	~~EDNA + nut~~ Bot cast
35	17Urs ~~Bot~~	26	22:25	BE	ROS	UN	53.°374209	128.°896333	487		~~91~~ - ~~96~~	6	CB	☐☐	~~Nutrients~~ EDNA + nut
			:				° .	° .	48		-			☐☐	
36	17Urs-NUT	26	23:28	BE	ROS	US	53.°374087	128.°896686	487		91 - 96	6	CB	☐☐	Nutrients
37	N12	27	01:01	BE	ROS	US	53.°357753	128.°917151	212		97 - 98	6	CB, ER	☐☐	EDNA @ bottom of 90m! 13
			:				° .	° .			-			☐☐	
EDNA DAY 3		water	sampling				° .	° .			-			☐☐	
TRANSIT TO	PR		:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	
			:				° .	° .			-			☐☐	

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Notes: cast 34 bottles tripped @ 225m instead of bottom