

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 001
 Station BS-1
 Latitude 56 18.66 N

Water depth 1642 m
 Cast depth 1000 m
 Longitude 172 49.11 W

Date 13/07/2003 UTC
 Local time (Time Zone) _____
 UTC time (start) 0146

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba								
001	BS-1	1	580 ✓	1	✓														
		2	250 ✓	2	✓														
		3	150 ✓	3	✓	✓													
		4	100 ✓	4	✓														
		5	75 ✓	5	✓														
		6	50 ✓	6	✓														
		7	30 ✓	7	✓														
		8	20 ✓	8	✓														
		9	45 ✓	9	✓														
		10	✓ 10	10	small leak														
		11	✓ 5	11	✓														
		12	✓ 1	12	✓														

Comments : Bottle 10 was 5L bottle put in temporarily to replace 10L with
broken nylon shaft

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 002
 Station BS-2
 Latitude 56° 25.05' N

Water depth 1583 m
 Cast depth 1000m
 Longitude 172° 47.58' W

Date 13/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0328

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba								
	BS-2	13	994	1		✓													
				2															
				3															
				4															
				5															
				6															
				7															
				8															
				9															
				10															
				11															
				12															

Comments : Salinity calibration only @ 994 m
Second bottle fired for seawater to make formalin
bottle air valves not closed - sample not taken

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 003
 Station BS-3
 Latitude 56° 28.49

Water depth 740
 Cast depth 700
 Longitude 172° 46.76' W

Date 13/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0430

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba								
	BS-3	14	500✓	1	✓	✓													
		15	250✓	2	✓														
		16	150✓	3	✓														
		17	100✓	4	✓														
		18	75✓	5	✓														
		19	50✓	6	✓														
		20	25✓	7	✓														
		21	20✓	8	✓														
		22	15✓	9	✓														
		23	10✓	10	✓														
		24	5✓	11	✓														
		25	1✓	12	✓														

Comments : Bottle 10 back to original 100 bottle (repaired)

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 004
 Station BS-4
 Latitude 56°32.64'N

Water depth 245
 Cast depth 237
 Longitude 172° 4536'W

Date 13/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0555

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba								
004	BS-4	26	100	1		✓													
				2															
				3															
				4															
				5															
				6															
				7															
				8															
				9															
				10															
				11															
				12															

Comments : Salinity calibration only

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Vessel: CCGS Sir Wilfrid Laurier

Event # 005
 Station BS-5
 Latitude 56°38.65'N

Water depth 134
 Cast depth 128
 Longitude 172° 43.98' W

Date 13/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0650

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba								
005	BS-5	27	128 Bo-3✓	1		✓													
			Bo-3✓	2															
		28	100✓	3															
		29	75✓	4															
		30	50✓	5															
		31	30✓	6															
		32	20✓	7															
		33	15✓	8															
		34	10✓	9															
		35	5✓	10															
		36	1	11															
				12															

Comments : extra bottle at bottom to calibrate fluorometer

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 006
 Station BS-6
 Latitude 59° 19.16' N

Water depth 109
 Cast depth 103
 Longitude 172° 29.99' W

Date 13/07/2003
 Local time (Time Zone) _____
 UTC time (start) 2303

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba								
006	BS-6	37	8.3103	1	✓	✓													
		38	70 ✓	2	✓														
		39	60 ✓	3	✓														
		40	50 ✓	4	✓														
		41	40 ✓	5	✓														
		42	30 ✓	6	✓														
		43	25 ✓	7	✓														
		44	20 ✓	8	✓														
		45	15 ✓	9	✓														
		46	10 ✓	10	✓														
		47	5 ✓	11	✓														
		48	1 ✓	12	✓														

Comments :

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 007
 Station SLIP 1
 Latitude 62 00.74

Water depth 84
 Cast depth
 Longitude 175 03.32

Date 14/07/2003
 Local time (Time Zone)
 UTC time (start) 1604

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
007	SLIP 1	49	B-3	78	1	✓												
		50	B-3	78	2	✓												
		51	60	60	3	✓	✓											
		52	50	49	4	✓												
		53	40	39	5	✓												
		54	30	29	6	✓												
		55	25	25	7	✓												
		56	20	20	8	✓												
		57	15	15	9	✓												
		58	10	10	10	✓												
		59	5	5	11	✓												
		60	1	1	12	✓												

Comments :

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 008
 Station SLIP2
 Latitude 62 02.97

Water depth 84
 Cast depth 78
 Longitude 175 12.08

Date 14/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1919

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
008	SLIP2	61	7.3	78	1	✓	✓											
		62	8.3	78	2	✓												
		63	60	60	3	✓												
		64	50	49	4	✓												
		65	40	39	5	✓												
		66	30	29	6	✓												
		67	25	25	7	✓												
		68	20	20	8	✓												
		69	15	15	9	✓												
		70	10	10	10	✓												
		71	5	5	11	✓												
		72	1	1	12	✓												

Comments :

g log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 009
 Station NBS Mooring
 Latitude 62 04.81

Water depth 78
 Cast depth 78
 Longitude 174 59.60

Date 14/07/2003
 Local time (Time Zone) _____
 UTC time (start) 2226

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
009	NBS-mooring	73	30	29	1	✓												
		74	25	24	2	✓												
		75	20	21	3	✓												
		76	15	14	4	✓												
					5													
					6													
					7													
					8													
					9													
					10													
					11													
					12													

Comments : CTD & nutrients at NBS mooring site

g log: Mig log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 010
Station SLIP3
Latitude 62° 23 37' N

Water depth 72
Cast depth 69
Longitude 174° 34.28' W

Date 15/07/2003
Local time (Time Zone)
UTC time (start) 0053

Cast #	Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
01	010	SLIP3	77	60-3	68	1	✓												
			78	60-3	68	2	✓												
		→	79	60	60	3	✓	✓											
			80	50	50	4	✓												
			81	35	34	5	✓												
			82	30	30	6	✓												
			83	25	24	7	✓												
			84	20	20	8	✓												
			85	15	15	9	✓												
			86	10	10	10	✓												
			87	5	5	11	✓												
			88	1	1	12	✓												

Comments : Pressure reading when rosette was at surface (top of bottles submerged) was 0.1 instead of expected 1.2

g log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 011
 Station SLIP5
 Latitude 62 33.25 'N

Water depth 67
 Cast depth 64
 Longitude 173° 33.75' W

Date 15/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0513

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
011	SLIP5	89	B-3	64	1	✓												
		90	B-3	64	2	✓												
		91	60	59	3	✓	✓	✓										
		92	50	50	4	✓												
		93	40	41	5	✓												
		94	30	31	6	✓												
		95	25	25	7	✓												
		96	20	19	8	✓												
		97	15	14	9	✓												
		98	10	10	10	✓												
		99	5	5	11	✓												
		100	1	1	12	✓												

Comments :

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 012
 Station SLIP4
 Latitude 63° 01.70'N

Water depth 73
 Cast depth
 Longitude 173° 27.33'W

Date 15/07/2003
 Local time (Time Zone)
 UTC time (start) 0916

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
012	SLIP4	101	B0-3	68	1													
		102	B-3	68	2													
		103	60	59	3													
		104	50	50	4		✓											
		105	35	36	5													
		106	30	30	6													
		107	25	24	7													
		108	20	20	8													
		109	15	14	9													
		110	10	10	10													
		111	5	5	11													
		112	1	1	12													

Comments :

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 013
 Station BC56
 Latitude 63°50'86N

Water depth 56
 Cast depth 52
 Longitude 172° 24.14' W

Date 15/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1657

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
013	BC56	113	B0-3	52	1	✓												
		114	40	40	2	✓	✓											
		115	30	30	3	✓												
		116	25	25	4	✓												
		117	Cmax	18	5	✓												
		118	Cmax	18	6	✓												
		119	Cmax	18	7	✓												
		120	15	15	8	✓												
		121	10	10	9	✓												
		122	5	4	10	✓												
		123	1	1	11	✓												
					12	✓												

Comments : deep temp +1.2

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 014
 Station UT-BSS
 Latitude 64° 39.97' N

Water depth 47
 Cast depth 44
 Longitude 169° 55.28' W

Date 16/07/2003
 Local time (Time Zone)
 UTC time (start) 0130

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
014	UT-BSS	124	B-3	44	1	✓												
		125	B-3	44	2	✓												
		126	40	40	3	✓												
		127	35	34	4	✓												
		128	30	30	5	✓	✓											
		129	25	25	6	✓												
		130	20	20	7	✓												
		131	15	13	8	✓												
		132	15	13	9	✓												
		133	10	11	10	✓												
		134	5	4	11	✓												
		135	1	1	12	✓												

Comments :

Chl max @ 15m
 deep temp +1.5

Rosette sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 015
 Station UT-B52
 Latitude 64° 40.92' N

Water depth 46
 Cast depth 42
 Longitude 169° 05.94' W

Date 16/07/2003
 Local time (Time Zone)
 UTC time (start) 0447

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
015	UT-B52	136	B ₀ -3	41	1	✓	✓											
		137	B ₀ -3	41	2	✓												
		138	35	33	3	✓												
		139	30	30	4	✓												
		140	25	25	5	✓												
		141	25	25	6	✓												
		142	20	20	7	✓												
		143	15	15	8	✓												
		144	10	10	9	✓												
		145	5	6	10	✓												
		146	1	1	11	✓												
					12													

Comments :

Chl max 18-28m
 deep T +2.0°C

Surface bottle taken on short cast 15a.

Dataset: sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 016
 Station UT-B34
 Latitude 64° 57.52'N

Water depth 50
 Cast depth 47
 Longitude 169° 52.90'W

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0846

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
	UTB34	147	B ₀ -3	47	1	✓												
		148	B ₀ -3	47	2	✓												
		149	40	39	3	✓	✓											
		150	35	34	4	✓												
		151	30	30	5	✓												
		152	25	25	6	✓												
		153	25	25	7	✓												
		154	20	20	8	✓												
		155	15	15	9	✓												
		156	10	10	10	✓												
		157	5	5	11	✓												
		158	1	1	12	✓												

Comments :

Chl max @ ? 25m (off scale 0 → 35m)
 deep Temp +2.3°C

o set sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 017
 Station UT-B51
 Latitude 64° 59.57'N

Water depth 50
 Cast depth 45
 Longitude 169° 08.22'W

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1208

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
017	UT-B51	159	B0-3	45	1	✓												
		160	B0-3	45	2	✓												
		161	40	40	3	✓	✓											
		162	35	34	4	✓												
		163	30	30	5	✓												
		164	25	26	6	✓												
		165	25	26	7	✓												
		166	20	19	8	✓												
		167	15	16	9	✓												
		168	10	10	10	✓												
		169	5	4	11	✓												
		170	1	1	12	✓												

Comments :

o set sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 018
 Station BRS1
 Latitude 65° 39.04' N

Water depth 40
 Cast depth 30
 Longitude 168° 13.01' W

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1908

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
018	BRS1	171	B ₀₋₃ ✓	35	1	✓	✓		✓	✓	✓	✓						
		172	B ₀₋₃	35	2	✓												
		173	30	30	3		did not flip											
		174	25✓	24	4	✓	✓		✓	✓	✓	✓						
		175	20	20	5	✓												
		176	15	15	6	✓												
		177	10✓	10	7	✓	✓	✓	✓	✓	✓	✓						
		178	5✓	5	8	✓	✓		✓	✓	✓	✓						
		179	1✓	1	9	✓	✓		✓	✓	✓	✓						
					10													
					11													
					12													

Comments :

105 samples @ 1, 5, 10, 25 B₀
 9 8 7 4 1

Bottom temp +4°C

o set sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 019
 Station BRSZ
 Latitude 65° 40.03' N

Water depth 51
 Cast depth 45
 Longitude 168 23.91' W

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 2009

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
019	BRSZ	180	B ₀ -3	44	1	✓	✓		✓	✓	✓	✓						
		181	B ₀ -3	44	2	✓												
		182	35	35	3	✓	✓		✓	✓	✓	✓						
		183	30	30	4	✓												
		184	25	25	5	✓	✓		✓	✓	✓	✓						
		185	20	20	6	✓												
		186	15	15	7	✓												
		187	10	10	8	✓	✓		✓	✓	✓	✓						
		188	5	5	9	✓	✓		✓	✓	✓	✓						
		189	1	1	10	✓	✓		✓	✓	✓	✓						
					11													
					12													

Comments :

o set sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 020
 Station BR53
 Latitude 65° 40.85' N

Water depth 52
 Cast depth 48
 Longitude 168° 33.97' W

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 2121

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
	BR53	190	B0-3 ✓	47	1	✓	✓	✓	✓	✓	✓	✓						
		191	B0-3	47	2	✓												
		192	40	40	3	✓												
		193	35 ✓	34	4	✓	✓		✓	✓	✓	✓						
		194	30	30	5	✓												
		195	25 ✓	24	6	✓	✓		✓	✓	✓	✓						
		196	20	20	7	✓												
		197	15	14	8	✓												
		198	10 ✓	10	9	✓	✓		✓	✓	✓	✓						
		199	5 ✓	5	10	✓	✓		✓	✓	✓	✓						
		200	1 ✓	1	11	✓	✓		✓	✓	✓	✓						
					12													

Comments :

Dataset sampling log: Mission 2003 -18

Vessel: CCGS Sir Wilfrid Laurier

Event # 021
 Station BRSA
 Latitude 65 41.95' N

Water depth 52
 Cast depth 48
 Longitude 168 42.87

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 2234

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
	BRSA	201	B ₀ -3✓	47	1	✓	✓		✓	✓	✓	✓						
		202	B ₀ -3	47	2	✓												
		203	40	40	3	✓												
		204	35✓	34	4	✓	✓		✓	✓	✓	✓						
		205	30	30	5	✓												
		206	25✓	25	6	✓	✓		✓	✓	✓	✓						
		207	20	19	7	✓												
		208	15	15	8	✓												
		209	10✓	10	9	✓	✓		✓	✓	✓	✓						
		210	5✓	5	10	✓	✓		✓	✓	✓	✓						
		211	1✓	1	11	✓	✓		✓	✓	✓	✓						
					12													

Comments :

Ro 1 sampling log: Mission 2003 -18

201: CCGS Sir Wilfrid Laurier

Event # 022
 Station BRSS
 Latitude 65 42.96

Water depth 50
 Cast depth 45
 Longitude 168 53.84

Date 16/07/2003
 Local time (Time Zone) _____
 UTC time (start) 2347

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
022	BRSS	212	B-3v	44	1	✓	✓		✓	✓	✓	✓						
		213	B-3	44	2	✓												
		214	40	41	3	✓												
		215	35v	34	4	✓	✓		✓	✓	✓	✓						
		216	30	30	5	✓												
		217	25✓	25	6	✓	✓		✓	✓	✓	✓						
		218	20	20	7	✓												
		219	15	15	8	✓												
		220	10✓	10	9	✓	✓		✓	✓	✓	✓						
		221	5✓	6	10	✓	✓		✓	✓	✓	✓						
		222	1✓	1	11	leaked	✓		✓	✓	✓	✓						
					12													

Comments :

Bottle 11 lower cap did not seat properly - slight leak.

Re 1 sampling log: Mission 2003 -18

Al: CCGS Sir Wilfrid Laurier

Event # 023
 Station UTN-1
 Latitude 66 42.47'N

Water depth 34
 Cast depth
 Longitude 168 23.97'W

Date 18/07/2003
 Local time (Time Zone)
 UTC time (start) 0355

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
023	UTN-1	223	B ₀ -3	28	1	✓												
		224	B ₀ -3	28	2	✓												
		225	25	24	3	✓												
		226	20	20	4	✓												
		227	20	20	5	✓												
		228	15	14	6	✓	✓											
		229	10	10	7	✓												
		230	5	5	8	✓												
		231	1	1	9	✓												
					10													
					11													
					12													

Comments : Bottom contact switch installed — DO sensor did not work on cast

Chl max @ 20m
Deep T +4°C

3200 45

Re 1 sampling log: Mission 2003 -18

Label: CCGS Sir Wilfrid Laurier

Event # 024
 Station UTN-2
 Latitude 67 03.09

Water depth 45
 Cast depth 39
 Longitude 168 44.08

Date 18/07/2003
 Local time (Time Zone)
 UTC time (start) 1214

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
024	UTN-2	232	B ₀ -3	28	1	✓												
		233	B ₀ -3	38	2	✓												
		234	35	35	3	✓	✓											
		235	30	30	4	✓												
		236	25	24	5	✓												
		237	25	24	6	✓												
		238	20	19	7	✓												
		239	15	15	8	✓												
		240	10	9	9	✓												
		241	5	5	10	✓												
		242	1	1	11	✓												
					12													

Comments :

Ro 1 sampling log: Mission 2003 -18

Ship: CCGS Sir Wilfrid Laurier

Event # 025
 Station UTN-3
 Latitude 67° 19.85 N

Water depth 50
 Cast depth 45
 Longitude 168° 59.77 W

Date 18/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1410

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
025	UTN 3	243	B ₀ -3	43	1	✓												
		244	B ₀ -3	43	2	✓												
		245	40	40	3	✓	✓	✓										
		246	35	34	4	✓												
		247	30	30	5	✓												
		248	25	24	6	✓												
		249	20	20	7	✓												
		250	20	20	8	✓												
		251	15	15	9	✓												
		252	10	10	10	✓												
		253	5	5	11	✓												
		254	1	1	12	✓												

Comments :

Chl max @ 20
 Deep T + 3.4

Roll sampling log: Mission 2003 -18

Ship: CCGS Sir Wilfrid Laurier

Event # 026
 Station UTN-4
 Latitude 67° 30.12' N

Water depth 50
 Cast depth 45
 Longitude 168 54.74' W

Date 18/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1619

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
076	UTN-4	255	B ₀ -3	44	1	✓												
		256	B ₀ -3	44	2	✓												
		257	40	39	3	✓												
		258	35	35	4	✓	✓											
		259	30	30	5	✓												
		260	25	24	6	✓												
		261	20	20	7	✓												
		262	15	15	8	✓												
		263	15	15	9	✓												
		264	10	10	10	✓												
		265	5	6	11	✓												
		266	1	1	12	✓												

Comments :

Chl max @ 15m
Deep T 2.6

Ro 1 sampling log: Mission 2003 -18

CCGS Sir Wilfrid Laurier

Event # 027
 Station UTN-5
 Latitude 67° 40.21' N

Water depth 50
 Cast depth 45
 Longitude 168° 57.41' W

Date 18/07/2003
 Local time (Time Zone) _____
 UTC time (start) 1816

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
027	UTN-5	267	B-3	44	1	✓												
		268	B-3	44	2	✓												
		269	40	40	3	✓												
		270	35	34	4	✓	✓											
		271	30	30	5	✓												
		272	25	25	6	✓												
		273	25	25	7	✓												
		274	20	20	8	✓												
		275	15	15	9	✓												
		276	10	10	10	✓												
		277	5	5	11	leaked												
		278	1	1	12	✓												

Comments :

chl max 25
 Deep T +2.9

Bottle 11 leaked around bottom cap - repeated O-ring

Re 1 sampling log: Mission 2003 -18

22: CCGS Sir Wilfrid Laurier

Event # 028
 Station UTN-6
 Latitude 67° 44.24 N

Water depth 49
 Cast depth 45
 Longitude 168 26.67 W

Date 18/07/2003
 Local time (Time Zone)
 UTC time (start) 2122

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
028	UTN-6	279	B ₀ -3	43	1	✓												
		280	B ₀ -3	43	2	✓												
		281	40	41	3	✓												
		282	35	35	4	✓	✓											
		283	30	30	5	✓												
		284	25	25	6	✓												
		285	20	20	7	✓												
		286	20	20	8	✓												
		287	15	15	9	✓												
		288	10	10	10	✓												
		289	5	5	11	✓												
		290	1	1	12	✓												

Comments :

Chl max 20m

Deep T +3.2

Ro 1 sampling log: Mission 2003 -18

201: CCGS Sir Wilfrid Laurier

Event # 029
 Station UTN-7
 Latitude 67 59.87

Water depth 57
 Cast depth 53
 Longitude 168 55 19

Date 19/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0011

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
029	UTN-7	291	B ₀₋₃	51	1	✓												
		292	B ₀₋₃	51	2	✓												
		293	45	45	3	✓	✓											
		294	35	36	4	✓												
		295	30	30	5	✓												
		296	25	24	6	✓												
		297	20	21	7	✓												
		298	15	14	8	✓												
		299	15	14	9	✓												
		300	10	10	10	✓												
		301	5	6	11	✓												
		302	1	1	12	✓												

Comments :

One max @ 15
 Deep T +1.3

Re sampling log: Mission 2003 -18

CCGS Sir Wilfrid Laurier

Event # 030
 Station BD-6
 Latitude 69° 11.70'N

Water depth 30
 Cast depth 27
 Longitude 166° 08.83'W

Date 18/07/2003
 Local time (Time Zone) _____
 UTC time (start) 0950

Cast #	Stn	Samp #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	O18	Ba						
030	BD-6	303	B-3	26	1	✓												
		304	20	20	2	✓												
		305	15	14	3	✓												
		306	10	11	4	✓												
		307	5	5	5	✓	✓											
		308	1	1	6	✓												
					7													
					8													
					9													
					10													
					11													
					12													

Comments :
