

ROSETTE LOG

MISSION ID: 2006-01 STATION: Tcs+2 CAST NUMBER: 002 UTC DATE (dd/mm/yyyy): July 1 2006

Niskin No.	Sample No.	OXY. Flask	OXY. ml/l	ROSETTE OPERATION		Samples taken												
				Sample Depth	Confirmed pressure	SAL	OXY	NUT	TCO	ALK	C13	CHL	BA					
1	1			215				✓					✓					
2	2			150				✓					✓					
3	3			125				✓					✓					
4	4			100				✓					✓					
5	5			75				✓					✓					
6	6			50				✓					✓					
7	7			25				✓					✓					
8	8			20				✓					✓					
9	9			15				✓					✓					
10	10			10				✓					✓					
11	11			5				✓					✓					
12	12			0				✓					✓					
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

Comments: _____

SHIP:

ENTERED BY:

CHECKED BY:

Bottom Depth: 261

Cast # down:

Cast # up:

Time	LOC	UTC
Begin:		
Bottom:		
End:		

START POSITION (GPS)

LAT:

LONG:

BOTTOM POSITION (GPS)

LAT:

LONG:

END POSITION (GPS)

LAT:

LONG:

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

ROS Cast #	003	Water depth	100m	Date	July 2
Station	NPI	Cast depth	85m	Local time (Time Zone)	UTC-7
Latitude	48 43.1359	Longitude	126 01.7142	UTC time (start)	5:28

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
13	bottom		1		7		X			X		
14	75		2				X			X		
15	50		3				X			X		
16	40		4				X	X		X		
17	30		5				X			X	✓	
18	20		6				X			X	✓	
19	10		7				X			X	✓	
20	sfc		8				X	X		X	✓	
			9				X			X		
			10				X			X		
			11				X			X		
			12				X			X		

chloramex

Comments :

Rosette sampling log: Cruise # 2006 -01

Rosette sampling log: Cruise # 2006 -01	Vessel: Sir Wilfrid Laurier			
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Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier									
	Cast #	00A				Water depth	2500m				Date	July 2006		
	Station	NP2				Cast depth	1000m				Local time (Time Zone)	7:20		
	Latitude	49 31.5938				Longitude	128 01.9898				UTC time (start)	14:20		

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

RUSCast #	005	Event#	009	Water depth	2405	Date	July 3 / 04
Station	NP3	Cast depth	1000	Local time (Time Zone)	18:38		
Latitude	50 11.984	Longitude	130 27.101	UTC time (start)	1:38		

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

ROS Cast #	006	Event # 012	Water depth		2005	Date		July 3 '06	
Station	NP4		Cast depth		1000m	Local time (Time Zone)		23:14	
Latitude	50 55.095		Longitude		133 18.330	UTC time (start)		14:14	

Rosette sampling log: Cruise # 2006 -01 Vessel: Sir Wilfrid Laurier

ROS Cast #	007	Event# 015	Water depth	2004	Date	July 3 2006.
Station	NP 4a		Cast depth	100m	Local time (Time Zone)	8:43
Latitude	50 54.916		Longitude	133 18.401	UTC time (start)	3:43

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
70	100	99	1									
	80	80	2									
	60 70	70	3									
	40 60	60	4									
	25 40	40	5									
	19 25	25	6									
	12 19	19	7									
	8 12	12	8									
	3 6	6	9									
	sfc 3	3	10									
	sfc	1	11									
			12									

Comments : Samples for Brianne Kelly

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Cast #	Ros008 Event#016	Water depth	2880	Date	July 4 06
Station	NPS	Cast depth	1000	Local time (Time Zone)	GMT-7
Latitude	51 29.057	Longitude	135 33.623	UTC time (start)	1:42

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
57	1000	1000	1	✓ ↓ ✓	X		X			X		
58	750	750	2				X	x		X		
59	500	500	3				X			X		
60	300	300	4				X			X		
61	200	200	5				X			X		
62	150	150	6				X			X		
63	100	100	7				X			X		
64	75	75	8				X	x		X		
65	50	50	9				X			X		
66	25	25	10				X			X		
67	10	10	11				X			X		
68	sfc	2	12				X			X		

Comments : disk fell off the #4 bottle spigot. Difficult to pull spigot out
Barium for bottle 6 was missed @

Event # 018

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Cast #	009			Water depth	2867			Date	July 4 06			
Station	NPG			Cast depth	1000			Local time (Time Zone)	7:19			
Latitude	52 01.408			Longitude	138 47.402			UTC time (start)	14:16.			
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
69	1000	999	1	✓	X		X	x		X		
70	750	750	2				X			X		
71	500	500	3				X			X		
72	300	300	4				X			X		
73	200	200	5				X			X		
74	150	150	6				X	x		X		
75	100	100	7				X			X		
76	75	75	8				X			X		
77	50	50	9				X			X		
78	25	25	10				X			X		
79	10	10	11				X			X		
80	sfc	1	12	✓			X			X		
Comments :												

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	022	Ros Cast #	010	Water depth	>1000	Date	July 5 06					
Station	NP7	Cast depth	1000	Local time (Time Zone)	GMT-7							
Latitude	52 26.717	Longitude	141 18.859	UTC time (start)	1:22							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
81	1000	1004	1		X		X	x				
82	750	772	2				X					
83	500	500	3				X					
84	300	330	4				X					
85	200	200	5				X					
86	150	150	6				X	x				
87	100	100	7				X					
88	75	75	8				X					
89	50	50	9				X					
90	25	25	10				X					
91	10	10	11				X					
92	sfc	2.	12				X					
Comments : Sounder read 330m. Went down between 0.5 - 1 m/s on downcast. At ~250m the rosette was stopped for a second. Upcast at 1m/s												

CTD cast

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	023	Ros Cast #	011	Water depth	2834	Date	July 5 2004
Station	NP8	Cast depth	1000	Local time (Time Zone)	GMT - 7		
Latitude	52 51.788	Longitude	144 21.754	UTC time (start)	14:08		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
93	1000	1001	1	✓	X		X	x				
94	750	750	2				X					
95	500	500	3				X					
96	300	300	4				X					
97	200	200	5				X					
98	150	150	6				X	x				
99	100	100	7				X					
100	75	75	8				X					
101	50	50	9				X					
102	25	25	10				X					
103	10	10	11				X					
104	sfc	1	12				X					

Comments :

Event# 026

Rosette sampling log: Cruise # 2006 -01 Vessel: Sir Wilfrid Laurier

ROS Cast #	012	Water depth	171000	Date	JULY 5 06
Station	NP8	Cast depth	200	Local time (Time Zone)	GMT-7
Latitude	52 51.917	Longitude	144 21.075	UTC time (start)	3:36

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
	200	199	1									
	150	150	2									
	100	100	3									
	80	80	4									
	62	62	5									
	48	48	6									
	31	31	7									
	16	16	8									
	8	8	9									
	sfc	1	10									
			11									
			12									

Comments :

Water Samples for Broune Kelly

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	027		Ros Cast #	ROS03		Water depth	>1000		Date	July 6 2006		
Station	NPA		Cast depth	1000		Local time (Time Zone)		GMT-7				
Latitude	53 09.044		Longitude	146 57.813		UTC time (start)		1:31				
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
105	1000	1000	1	✓ ↓	X		X					
106	750	750	2				X					
107	500	500	3				X					
108	300	300	4				X					
109	200	200	5				X					
110	150	154	6				X					
111	100	100	7				X	x				
112	75	75	8				X					
113	50	50	9				X					
114	25	25	10				X	x				
115	10	10	11				X					
116	sfc	1	12				X					
Comments : Freezer was turned up and samples for ROS13 (this station only) froze very slowly (~12 hours)												

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	029	Ros Cast #	014	Water depth	chart depth is 4070	Date	July 6, 2006					
Station	NP10		Cast depth	100	Local time (Time Zone)	UTC-7						
Latitude	150 17.024		Longitude	150 17.022	UTC time (start)	14:09						
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
117	1000	1000	1		X		X	x				
118	750	750	2				X					
119	500	500	3				X					
120	300	299	4				X					
121	200	200	5				X					
122	150	150	6				X					
123	100	100	7				X					
124	75	75	8				X					
125	50	50	9				X					
126	25	25	10				X					
127	10	10	11				X					
128	sfc	1	12				X					
Comments : SIMRAD sounder isn't working												

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Cast #	032, ROS#015	Water depth	from chart 4070	Date	July 6 2006
Station	NPIG	Cast depth	250	Local time (Time Zone)	UTC-7
Latitude	53 26.429	Longitude	150 17.359	UTC time (start)	15:38

[illegible]

Comments :

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	033	Ros Cast #	016	Water depth	>1000m	Date	July 7 2006					
Station	NPII	Cast depth	1000m	Local time (Time Zone)	UTC-7							
Latitude	53 25.827	Longitude	152° 53.286	UTC time (start)	60:58							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
121 105	1000	1000	1		X		X					
130 106	750	750	2				X					
131 107	500	500	3				X					
132 108	300	300	4				X					
133 109	200	200	5				X	x				
134 110	150	150	6				X					
135 111	100	100	7				X					
136 112	75	75	8				X					
137 113	50	50	9				X					
138 114	25	25	10				X	x				
139 115	10	10	11				X					
140 116	sfc	2	12				X					
Comments :												

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	036	Ros Cast #	ROS017	Water depth	>1000	Date	July 7 2006					
Station	ND12	Cast depth	1000m	Local time (Time Zone)	UT-7							
Latitude	53 30.617	Longitude	156 15.347	UTC time (start)	14:14							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
141	1000	1000	1		X		X					
142	750	750	2				X					
143	500	500	3				X	x				
144	300	299	4				X					
145	200	200	5				X	x				
146	150	149	6				X					
147	100	100	7				X					
148	75	75	8				X					
149	50	50	9				X					
150	25	25	10				X					
151	10	10	11				X					
152	sfc	1	12				X					
Comments :												

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	Ros Cast #		Water depth		Date							
Station	Cast depth		Local time (Time Zone)									
Latitude	Longitude		UTC time (start)									
039	R05018		>1000		July 8							
NR13	1000		UTC-7									
53° 44.452	158° 08.414		1132									
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
153 141	1000	997	1	✓	X		X					
154 142	750	751	2				X					
155 143	500	501	3				X					
156 144	300	300	4				X					
157 145	200	200	5				X					
158 146	150	152	6				X					
159 147	100	101	7				X					
160 148	75	76	8				X					
161 149	50	51	9				X	x				
162 150	25	26	10				X					
163 151	10	10	11				X					
164 152	sfc	1	12				X	x				
Comments :												

Rosette sampling log: Cruise # 2006 -01						Vessel: Sir Wilfrid Laurier						
Event #	Ros Cast #		Water depth		Date							
Station	Cast depth		Local time (Time Zone)									
Latitude	Longitude		UTC time (start)									
041	019	1000m	161° 53.32	July 8	UTC -7 hrs							
NPH	53° 41.64			14:13								
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
165	1000	1000	1	✓	X		X	x				
166	750	751	2	✓			X					
167	500	502	3	✓			X					
168	300	302	4	✓			X					
169	200	202	5	✓			X					
170	150	152	6	✓			X					
171	100	102	7	✓			X					
172	75	77	8	✓			X					
173	50	52	9	✓			X					
174	25	27	10	✓			X	x				
175	10	12	11	✓			X					
176	sfc		12	✓			X					
Comments : depth is 2160 fathoms												

Rosette sampling log: Cruise # 2006 -01 Vessel: Sir Wilfrid Laurier

Cast #	ROS020 Event 044	Water depth	>1000m	Date	July 8
Station	NP14	Cast depth	250 m	Local time (Time Zone)	UTC +8hrs
Latitude	53° 41.466	Longitude	161° 55.523	UTC time (start)	02 15:43

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
	250	250	1									
	200	200	2									
	150	150	3									
	100	100	4									
	40	40	5									
	30	30	6									
	20	20	7									
	10	10	8									
	5	5	9									
	surf	0	10									
			11									
			12									

Comments : depth is 2160 fathoms
samples for Brianna Kelly

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	045	Ros Cast #	021	Water depth	740 fathoms	Date	JULY 8 2006
Station	UN8		Cast depth	1000m	Local time (Time Zone)	UTC-7	
Latitude	53 38.35		Longitude	163 47.991	UTC time (start)	22:46	

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
177	bottom	1000	1		✓		✓					
178	750	750	2				✓					
179	500	499	3				✓					
180	300	300	4				✓	✓				
181	200	200	5				✓					
182	100	99	6				✓					
183	75	75	7				✓	✓				
184	50	50	8				✓					
185	chl max	23	9				✓					
186	10	10	10				✓					
187	5	5	11				✓					
188	sfc	1	12				✓					

Comments : chlorophyll max was at ~30m but sampled at 23m because profile wasn't displayed.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	046	Ros Cast #	205012	Water depth	350 fathoms	Date	July 9 2006
Station	UN 7	Cast depth	1000m	Local time (Time Zone)	UTC +7		
Latitude	53° 43.9857	Longitude	163° 55.9339	UTC time (start)	00: 80		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
189	bottom	500 514	1		X		X					
190	750 400 400		2				X					
191	500 300 300		3				X					
192	300 200 200		4				X	X				
193	200 150 150		5				X					
194	100 100		6				X	X				
195	75 75		7				X					
196	50 50		8				X					
197	chl max 20		9				X					
198	10 10		10				X					
199	5 5		11				X					
200	sfc 1		12				X					

Comments : Bottom contact went at a pressure of 520 db.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	ROS023	Ros Cast #	047	Water depth	91m	Date	July 9 2006
Station	UN6	Cast depth	85m	Local time (Time Zone)	UTC-7		
Latitude	53° 48.446	Longitude	164° 3.722	UTC time (start)	1:46		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
201	bottom	81	1		X		X					
202	50	52	2				X					
203	chl max	17	3				X					
204	10	10	4				X	X				
205	105	5	5				X					
206	sfc	1	6				X					
			7									
			8									
			9									
			10									
			11									
			12									

Comments : depth was 91m db pressure & depth we stopped at was 80.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	048	Ros Cast #	024	Water depth	81 m	Date	JUN 9, 06
Station	UN5			Cast depth	71 m	Local time (Time Zone)	UTC -7
Latitude	53° 53.03			Longitude	164° 11.64	UTC time (start)	3:05

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
207	bottom	70	1		X		X					
208	50	51	2				X					
209	chl max	20	3				X	X				
210	10	10	4				X					
211	5	5	5				X					
212	sfc	1	6				X					
			7									
			8									
			9									
			10									
			11									
			12									

Comments : chl max was @ 10 m

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	049	Ros Cast #	025	Water depth	110 m	Date	JULY 9
Station	UN 4	Cast depth	100 m	Local time (Time Zone)	UTC -7		
Latitude	53° 57.57	Longitude	164° 20.148	UTC time (start)	4:15		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
213	100	99	1	✓	X		X					
213	75		12	✓	X		X					
214	50		23	✓			X					
215	chl max	15	34	✓			X					
216	10		45	✓			X					
217	5		56	✓			X					
218	sfc		67	✓			X	X				
			7									
			8									
			9									
			10									
			11									
			12									

Comments :

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	051	Ros Cast #	026	Water depth	100m	Date	July 9
Station	UN3	Cast depth	90m	Local time (Time Zone)	UTC -7		
Latitude	54° 2.509	Longitude	164° 27.998	UTC time (start)	5:32		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
220	bottom	90	1	✓	X		X					
221	75		2	✓			X					
222	50		3	✓			X	X				
223	chl max	25	4	✓			X					
224	10		5	✓			X					
225	5		6	✓			X					
226	surf		7	✓			X					
			8									
			9									
			10									
			11									
			12									

Comments :	
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Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	052	Ros Cast #	027	Water depth	88 m	Date	JULY 9, 06
Station	UN2		Cast depth	78 m	Local time (Time Zone)	UTC-7	
Latitude	54° 6.874		Longitude	164° 35.774	UTC time (start)	6:31	

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
227	bottom	78 m	1	✓	X		X					
228	50		2	✓			X					
229	chl max	15 m	3	✓			X					
230	10		4	✓			X					
231	5		5	✓			X					
232	surf		6	✓			X	X				
			7									
			8									
			9									
			10									
			11									
			12									

Comments : descending & ascending velocity. 0.5 m/s

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	054	Ros Cast #	028	Water depth	69 m	Date	July 9, 06
Station	UN1			Cast depth	69 m	Local time (Time Zone)	UTC - 7
Latitude	54° 11.405			Longitude	164° 43.827	UTC time (start)	7:48

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
233	bottom	59m	1	✓	X		X	X				
234	50		2	✓			X					
235	chl max	20	3	✓			X					
236	10		4	✓			X					
237	5		5	✓			X					
238	surf		6	✓			X					
			7									
			8									
			9									
			10									
			11									
			12									

Comments : chl max @ 7m
descending & ascending velocity: 0.5 m/s

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	054	Ros Cast #	ROS029	Water depth	424 m	Date	July 10 2006
Station	BCL1	Cast depth	414 m	Local time (Time Zone)	UTC-7		
Latitude	54° 34.275	Longitude	166° 29.994	UTC time (start)	7:16		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
239	bottom	406m	1	↓	X		X					
240	300	300	2				X	X				
241	200	201	3				X					
242	150	151	4/5				X					
243	75	76	86				X					
244	50	51	87				X					
245	25	26	88				X					
246	10	11	89				X	X				
247	sfc	0	90		X		X					

Comments :

Sounder 420.6m.
depth 406
pressure 411
wind out 409.

Went down in manual. down at ~0.8m/s
to 350m where we changed to .5m/s
Up cast in manual at 1m/s

fluo 0-15
ox 0-9

Bottle 4 and 5 fired at ^{the} same time. Samples taken from bottle 4.

Rosette sampling log: Cruise # 2006 -01						Vessel: Sir Wilfrid Laurier						
Event #	056	Ros Cast #	030	Water depth	>1000 m	Date	July 10, 06					
Station	BCL 2	Cast depth	1000 m	Local time (Time Zone)	UTC-7							
Latitude	55° 26.206	Longitude	169° 35.304	UTC time (start)	18:02							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
248	1000	1000	1	↓	X		X			X		
249	750	752	2				X			X		
250	500	502	3				X			X		
251	300	302	4				X			X		
252	200	203	5				X			X		
253	150	152	6				X	X		X		
254	100	102	7				X			X		
255	75	76	8				X			X		
256	50	52	9				X	X		X		
257	2520	27	10				X			X		
258	10	12	11				X			X		
259	sfc		12				X			X		
Comments :												

5m 4:49:30 → 4:52:30.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	059	Ros Cast #	031	Water depth	10	Date	July 11
Station	BS1	Cast depth	1000	Local time (Time Zone)	UTC-7		
Latitude	56 18.680	Longitude	172 49.520	UTC time (start)	04:49		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
260	1000	1000	1	fired and extra bot at 150	x							
	150	150	2									
	100	100	3									
	75	75	4									
	50	50	5									
	30	30	6									
	20	20	7									
	15	15	8									
	10	10	9									
	5	4.7	10									
	1	2	11									
			12									

Comments : manual winch speed 0.8-12m/s.
Bottles 2-12 for Peter & Brianna.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	061	Ros Cast #	ROS032	Water depth	1356m	Date	July
Station	BS2	Cast depth	1000m	Local time (Time Zone)	UTC-7		
Latitude	56° 25.025	Longitude	172° 47.873	UTC time (start)	10:53		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
261	1000	1000	1	✓	x							
	1	1	2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									
			11									

Comments :	stop at 5m 06:50 UTC for 4min. Bridge transducer reads 35m?	* sent down in mahua!
------------	---	-----------------------

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	062	Ros Cast #	ROS033	Water depth	800	Date	July 1 st 2006.
Station	BS-3	Cast depth	816-801m	Local time (Time Zone)	UTC-7		
Latitude	56 28.502	Longitude	172 46 90.	UTC time (start)	08:16		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
262	bot-10	751	1		x							
	150	150.7	2									
	100	100	3									
	75	75	4									
	50	50.1	5									
	30	30.5	6									
	20	20.4	7									
	15	15.11	8									
	10	11.0	9									
	5	5.05	10									
	1	1.9	11									

Comments : Bottom depth from Simrad jumps around between 789m & 816m.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	063	Ros Cast #	034	Water depth	248m	Date	JULY 11 2006
Station	B34	Cast depth	bot-10	Local time (Time Zone)	UTC-7		
Latitude	56°32.659	Longitude	172°45.510	UTC time (start)	9:34		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
263	bot-10	237	1	✓	x							
	1	2.8	2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									
			11									
			12									
Comments : Start 2 ships sounder 242m SIMRAD 248m 9:30: at 5m for 4 min soak. 248.6 on SIMRAD 245 ship At bottom (depth at switch 235m)												

extra bottle fired →

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	064	Ros Cast #	035	Water depth		Date	July 11, 06
Station	BS5		Cast depth	bot-5	Local time (Time Zone)	UTC -7	
Latitude	56° 38.711		Longitude	172 43.821	UTC time (start)	10:27	

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
264	bot-5	120	1	✓	x → not enough water for this sample							
	bot-5	120	2	✓								
	bot-5	120	3	✓								
265	100	101	4	✓	x							
266	75	77	5	✓	x							
267	50	51	6	✓	x							
268	30	31	7	✓	x							
269	20	21	8	✓	x							
270	15	16	9	✓	x							
271	10	11	10	✓	x							
272	5	6	11	✓	x							
273	1	1	12	✓	x							

Comments :

Start:

simrad: 133 m

ship: 128 m

@ bottom:

simrad: 133 m

ship: 127 m

seasave: 120 m

164
Sal
BS5
ROS35
2006-01
Bot 1

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	066	Ros Cast #	ROS036	Water depth	113 m	Date	July 11 06
Station	B556	Cast depth	bot - 10	Local time (Time Zone)	UTC - 7		
Latitude	57 59.973	Longitude	173 06.991	UTC time (start)	19:56		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
274	8	101.5	1	✓ ↓ ✓	x							
	70	70.25	2									
	60	60.04	3									
	40	40.1	4									
	30	30.3	5									
	25	25.4	6									
	20	20.3	7									
	15	15.2	8									
	10	10.1	9									
	5	5.1	10									
	1	1.4	11									
			12									

Comments : 19:53 at 5m for 4min.

chlorophyll max is in top 20 m

Ship sounder 112m
trip at 100m

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	068		Ros Cast #	037	Water depth	109		Date	July 12 2006			
Station	BS-6		Cast depth	60+10	Local time (Time Zone)	UTC -7						
Latitude	59 19.248		Longitude	173 29.825	UTC time (start)	04:29						
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
275	60+	97	1	✓	x		x			x		
276	70	69.5	2	↓			x			x		
277	60	59	3				x			x		
278	40	40	4				x			x		
279	35	35	5				x	x		x		
280	30	30.4	6				x			x		
281	25	25.3	7				x			x		
282	20	19.9	8				x			x		
283	15	15.1	9				x	x		x		
284	10	10.1	10				x			x		
285	5	5.3	11				x			x		
286	1	1.3	12			x		x		x		
Comments :					top 95. ship 103 +5m sim 100.							

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	070	Ros Cast #	038	Water depth	91 m	Date	July 12, 06
Station	BS 6B	Cast depth	bot -10m	Local time (Time Zone)	UTC -7		
Latitude	60° 41.563	Longitude	174° 15.570	UTC time (start)	14:11		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
287	bot-10	79	1	✓	X							
	70	69.9	2									
	70	69.9	3									
	60	60.0	4									
	40	40.47	5									
	30	30.41	6									
	25	25.17	7									
	20	20.07	8									
	15	15.25	9									
	10	10.01	10									
	5	5.48	11									
	1	0.94	12	✓								

Comments : depth at start:

Simrad: 86 m

Ship: 91 m

depth at bottom:

Simrad: 85 m

Ship: 91 m

chl max: 40 m

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	072	Ros Cast #	039	Water depth	~81	Date	July 12 2006					
Station	SUP1	Cast depth	60+5	Local time (Time Zone)	UTC-7							
Latitude	62 00.78	Longitude	175 03.2	UTC time (start)	21:40							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
288	3	73.2	1	✓	X							
	8	73.2	2									
	70	70.8	3									
	60	60.4	4									
	50	50.4	5									
	40	40.7	6									
	30	30.7	7									
	25	25.6	8									
	20	20.6	9									
	15	15.2	10									
	10	10.6	11									
	5	5.3	12		10							
Comments : at 5m at 21:36 for 4min					not on depth trip - 68 ship - 76.7 76.1+5 SIMRAD 76.7							
lots of jellies												

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	074	Ros Cast #	040	Water depth	83	Date	July 13 2006
Station	S102			Cast depth	bot-5	Local time (Time Zone)	UTC-7
Latitude	62 02.1			Longitude	175 13.	UTC time (start)	00:41

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
289	bot-5	74.5		✓	x							
	bot-5	74.5	2									
	70	70.5	3									
	60	60.0	4									
	50	50.4	5									
	40	40.1	6									
	33.8	33.9	7									
	25	25.7	8									
	20	20.4	9									
	15	15.6	10									
	10	10.4	11									
	5	5.2	12	✓								

Comments : 5m at 00:37 for 4

trip 68
shp sampler : 77
78

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	075		Ros Cast #	041		Water depth	70		Date	July 3 2005		
Station	SLP3		Cast depth	bot-5		Local time (Time Zone)		UTC-7				
Latitude	62 23.633		Longitude	174 34.142		UTC time (start)		5:07				
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
289	bot-5	65.4	1	✓	x							
	bot-5	65.1	2									
	60	60.3	3									
	50	50.6	4									
	40 38	38.5	5									
	30	30.8	6									
	25	25.1	7									
	20	20.8	8									
	15	15.6	9									
	10	10.7	10									
	5	5.6	11									
			12									
Comments : at 5m at 5:03 for												

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	075		Ros Cast #	041		Water depth	70		Date	July 3 2005		
Station	SLP3		Cast depth	bot-5		Local time (Time Zone)		UTC-7				
Latitude	62 23.633		Longitude	174 34.142		UTC time (start)		5:07				
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
289	bot-5	65.4	1	✓	x							
	bot-5	65.1	2									
	60	60.3	3									
	50	50.6	4									
	40 38	38.5	5									
	30	30.8	6									
	25	25.1	7									
	20	20.8	8									
	15	15.6	9									
	10	10.7	10									
	5	5.6	11									
			12									
Comments : at 5m at 5:03 for												

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event # 076 Ros Cast # 076042 Water depth 66 m Date July 3 06
Station Slip 5 Cast depth bot - 5 Local time (Time Zone) UTC - 7
Latitude 62° 33.872 Longitude 173° 33.101 UTC time (start) 9:41

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
291	bot-5	57	1	✓	x							
	bot-5	57	2	✓								
	50	50.82	3	✓								
	40	40.05	4	✓								
	35	35.66	5	✓								
	30	30.41	6	✓								
	25	25.17	7	✓								
	20	20.07	8	✓								
	15	15.11	9	✓								
	10	10.15	10	✓								
	5	5.19	11	✓								
			12	✓								

Comments : depth before
simrad: 66 m
ship: 68 m
depth @ bottom:
simrad: 64.68 m
ship: 67.3 m

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	077		Ros Cast #	043		Water depth	70 m		Date	July 13, 06		
Station	Ship 4		Cast depth	bot - 5		Local time (Time Zone)	UTC - 7					
Latitude	63° 1.697		Longitude	173° 27.444		UTC time (start)	14:31					
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
292	bot-5	64.57	1	✓	x							
	bot-5	64.57	2									
	60	60.32	3									
	50	50.11	4									
65	40	45.15	5									
40	35	40.33	6									
35	30	35.09	7									
30	25	30.13	8									
25	20	24.89	9									
20	15	20.07	10									
	10	9.87	11									
	5	4.77	12		✓							
Comments : sort depth: simrad: 70 m ship: 72 m bottom depth: simrad: 70 m ship: 73 m												

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	079	Ros Cast #	044	Water depth		Date	July					
Station	BOS-6	Cast depth	bot-10	Local time (Time Zone)	UTC-7							
Latitude	64 01.99	Longitude	171 49.77	UTC time (start)	01:09							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
293	bot-10	42	1		x		x			x		
294	40	40	2				x	x		x		
295	35	35.5	3				x			x		
296	30	30.1	4				x			x		
297	25	25.4	5				x			x		
298	20	20.8	6				x			x		
299	15	15.25	7				x			x		
300	10	10.6	8				x			x		
301	5	5.6	9			x		x	x		x	
			10									
			11									
			12									
Comments : 1:06:30 ^{at 5m} for 4min trip: 41 ship: 48.3 SIMRAD 546												

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	081	Ros Cast #	045	Water depth	48	Date	July 14 2006
Station	BCS-6	Cast depth	36 m	Local time (Time Zone)	UTC-7		
Latitude	64 01.986	Longitude	171 49.897	UTC time (start)	1:59		

Sample # nom press	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
36	→	37	1	↓								
24		24	2									
12		12.7	3									
12		12.8	4									
6		6.8	5									
6		6.8	6									
1		1	7									
			8									
			9									
			10									
			11									
			12									

Comments : Brianne Kellys cast.
1:55:30 for tm at 5m.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	082	Ros Cast #	046	Water depth	48m	Date	July 14, 06
Station	UT-B55	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	64° 40.018	Longitude	169° 55.42	UTC time (start)	8:20		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
302	bot-5	41.32	1	✓	X							
	bot-5	41.32	2	✓								
	35	35.51	3	✓								
	30	29.99	4	✓								
	25	25.17	5	✓								
	20	20.21	6	✓								
	15	15.39	7	✓								
	10	10.29	8	✓								
	5	5.05	9	✓								
			10									
			11									
			12									

Comments : start depth
simrad: 48 m
shp: 48 m

bottom depth
simrad: 48 m
shp: 48 m

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	084	Ros Cast #	047	Water depth	46m	Date	July 14, 06
Station	1T-B52	Cast depth	bot-5	Local time (Time Zone)	UTC -7		
Latitude	64° 40.934	Longitude	169° 5.609	UTC time (start)	12:10		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
303	bot-5	38.21	1	✓	X							
	bot-5	38.35	2									
	35	35.23	3									
	30	30.13	4									
	25	25.31	5									
	20	20.21	6									
	15	15.11	7									
	10	10.01	8									
	5	5.05	9									
			10									
			11									
			12									

Comments :

depth @ start:
simrad: 46 m
ship: 46 mdepth @ bottom:
simrad: 46 m
ship: 46 m

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	085	Ros Cast #	048	Water depth	49 m	Date	July 14, 06
Station	UT-854	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	64° 57.533	Longitude	169° 52.974	UTC time (start)	15:57		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
304	bot-5	42.32	1	✓	X							
	bot-5	42.32	2									
	35	34.95	3									
	30	30.13	4									
	25	25.31	5									
	20	20.07	6									
	15	15.53	7									
	10	10.01	8									
	5	5.05	9									
			10									
			11									
			12									

Comments :

start depth:
Simrad: 49 m
Ship: 49 m

@ bottom depth:
Simrad: 49 m
Ship: 49 m

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	080	Ros Cast #	049	Water depth	49	Date	JULY
Station	UTBSI	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	64 59.511	Longitude	169 08.174	UTC time (start)	19:15		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
305	bot-5	42.1	1		X							
	bot-5	41.9	2									
	40	40.3	3									
	35	35.1	4									
	30	30.4	5									
	25	25.3	6									
	20	20.6	7									
	15	15.1	8									
	12.5	12.5	9									
	5	5.4	10									
			11									
			12									

Comments : 7:13:15 for 4m² at 5m

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	091	Ros Cast #	052	Water depth	39	Date	Jul 15
Station	RBS	Cast depth	60-5	Local time (Time Zone)	UTC-7		
Latitude	65 39.522	Longitude	168 13.135	UTC time (start)	3:30		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
308	bot-5	34.3	1	✓	X		X			X		
	bot-5	34.6	2		x		X			X		
309	30	30.7	3		x		x			x		
310	25	25.8	4		x		x			x		
311	20	20.6	5		x		x			x		
312	15	15.9	6		x		x			x		
313	10	10.7	7		x		x	x		x		
314	5	5.7	8		x		x			x		
			9									
			10									
			11									
			12									

Comments : 65 39.522 168 13.135

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	094	Ros Cast #	054	Water depth	50	Date	Jul 15 2006
Station	BRS4a	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	65 39.710	Longitude	168 20.263	UTC time (start)	4:39		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
316	bot-5	43.4	1	✓								
	40	41	2	↓								
	35	35.6	3									
	28	28	4									
	15	15.3	5									
	7	7.3	6	✓								
	1		7	✓								
			8									
			9									
			10									
			11									
			12									

Comments :

Rosette sampling log: Cruise # 2006 -01					Vessel: Sir Wilfrid Laurier							
Event #	095	Ros Cast #	055	Water depth	32 m	Date	JULY 15 2006					
Station	BRS 4	Cast depth	bot-5	Local time (Time Zone)	UTC-7							
Latitude	168 24.152	Longitude	168 24.152	UTC time (start)	5:28							
Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
317	b-5	47.1	1	✓	X		x			x		
318	b-5	46.9	2		X		X			X		
319 318	40	40.5	3		x		x			x		
320 319	35	35.5	4		x		x			x		
321 320	30	30.4	5		x		x			x		
322 321	25	25.6	6		x		x			x		
323 322	20	20.4	7		x		x			x		
324 323	15	15.6	8		x		x			x		
325 324	10	10.3	9		x		x	x		x		
326 325	5	5.5	10		x		x			x		
			11									
			12									
Comments : 317 and 318 are duplicates 5:27:00												

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	097	Ros Cast #	057	Water depth	54	Date	July 15
Station	BSR 3	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	65 41.005	Longitude	168 34.071	UTC time (start)	16:43		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
328	b-5	45.7	1	✓	X		x			x		
329	b-5	45.8	2	✓	x		x			x		
330	40	40.6	3	✓	x		x			x		
331	35	34.8	4	✓	x		x			x		
332	30	30	5	✓	x		x			x		
333	25	25	6	✓	x		x	x		x		
334	20	20.1	7	✓	x		x			x		
335	15	15.1	8	✓	x		x			x		
336	10	10.1	9	✓	x		x			x		
337	5	5	10	✓	x		x			x		
			11									
			12									

Comments : 6:44:15 at 5m for 4min

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	099	Ros Cast #	059	Water depth	52 m	Date	July 15, 06
Station	BRS 2	Cast depth	bott - 5	Local time (Time Zone)	UTC - 7		
Latitude	65° 41.90	Longitude	168° 42.94	UTC time (start)	7:55		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
339	b-5	45.15	1	✓	X		x			x		
340	b-5	45.15	2		x		x			x		
341	35	35.10	3		x		x			x		
342	30	29.99	4		x		x			x		
343	25	25.03	5		x		x			x		
344	20	20.07	6		x		x			x		
345	15	14.83	7		x		x			x		
346	10	10.15	8		x		x	x		x		
347	5	5.05	9		x		x			x		
			10		x		x			x		
			11									
			12									

Comments : Bottle 8 was missed

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	102	Ros Cast #	Ros042	Water depth	49m	Date	JULY 15, 06
Station	BRS-1			Cast depth	bot-5	Local time (Time Zone)	UTC-7
Latitude	65° 42.98			Longitude	168° 54.22	UTC time (start)	9:29

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
350	b-5	41.47	1	✓	X		x			x		
351	b-5	41.47	2	✓	x		x			x		
352	35	35.37	3	✓	x		x			x		
353	30	30.27	4	✓	x		x			x		
354	25	25.03	5	✓	x		x			x		
355	20	19.97	6	✓	x		x	x		x		
356	15	14.97	7	✓	x		x			x		
357	10	10.01	8	✓	x		x			x		
358	5	5.19	9	✓	x		x			x		

Comments :

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	107	Ros Cast #	065	Water depth	57m	Date	July 16 2006
Station	A3			Cast depth	bot-5	Local time (Time Zone)	UTC-7
Latitude	106 19.536			Longitude	168 57.683	UTC time (start)	01:30

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
361	bot-5	49.9	1	✓	X							
	45	45.1	2	✓								
	40	39	3	✓								
	35	35.5	4	✓								
	30	29.99	5	✓								
	25	25.03	6	✓								
	20	20.1	7	✓								
	15	15.47	8	✓								
	10	10.01	9	✓								
	5	5.2	10	✓								
			11									
			12									

Comments : Samples for Peter Lee
in water at 5m at 1:32 for

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	121	Ros Cast #	677	Water depth	36m	Date	July 16, 06
Station	VTN-1	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	66° 42.514	Longitude	165° 23.934	UTC time (start)	14:21		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
368	bot-5	29.28	1	✓	X							
	bot-5	29.70	2									
	25	25.03	3									
	20	20.07	4									
	15	14.68	5									
	10	10.01	6									
	5	5.33	7	✓								
			8									
			9									
			10									
			11									
			12									

Comments :

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	123	Ros Cast #	078	Water depth	47m	Date	July 16 06
Station	UTN-2		Cast depth	bot-5	Local time (Time Zone)	UTC-7	
Latitude	67° 3.106		Longitude	168° 43.262	UTC time (start)	19:55	

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
369	bot-5	39.5	1	✓ ↓	X							
	bot-5	39.5	2									
	35	34.9	3									
	30	30.6	4									
	25	25.03	5									
	20	20.2	6									
	15	15.5	7									
	10	10.4	8									
	5	5.4	9									
			10									
			11									
			12									

Comments : 19:55

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	124	Ros Cast #	079	Water depth	50m	Date	July 10
Station	UTN-3	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	67 20.05	Longitude	168 59.544	UTC time (start)	22:20		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
370	bot-5	44	1	✓	X							
	bot-5	44	2									
	40	40.3	3									
	35	35.3	4									
	30	30.5	5									
	25	25.1	6									
	20	20.3	7									
	15	15.3	8									
	10	10.4	9									
	5	5.6	10									
			11									
			12									

Comments : 22:20

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	125	Ros Cast #	ROS080	Water depth	50	Date	July 17 2006
Station	UTN-4	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	67° 30.109	Longitude	168° 54.582	UTC time (start)	01:18		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
371	bot-5	44.7	1	✓	X							
	bot-5	44.7	2									
	40	40.2	3									
	35	35.1	4									
	30	30.4	5									
	25	25.6	6									
	20	20.3	7									
	15	15.3	8									
	10	10.5	9									
	5	5.5	10									
			11									
			12									

Comments :	01:15
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Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	127	Ros Cast #	081	Water depth	50m	Date	July 17 2006
Station	UTN-5	Cast depth	604-5	Local time (Time Zone)	UTC-7		
Latitude	67 40.339	Longitude	168 57.373	UTC time (start)	3:		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
372	bot-5	45	1	✓ ↓	X							
	bot-5	45	2									
	40	41	3									
	35	35.5	4									
	30	30.5	5									
	25	25.4	6									
	20	20.1	7									
	15	15.8	8									
	10	10.1	9									
	5	5.1	10									
			11									
			12									
Comments : 3:45-45												

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	128	Ros Cast #	082+83	Water depth	50m	Date	JULY 17 2006
Station	VTN-6	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	67.44.53	Longitude	168.26.43	UTC time (start)	6:10		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
373	b-5	43.6	1	Bad								
	b-5	43.6	2	Bad								
	40	40.5	3	Bad								
	35	35.8	4	Bad								
	30	30.5	5									
	25	25.1	6									
	20	20.8	7									
	15	14.9	8									
	10	10.9	9									
	5	5.6	10									
			11									
			12									

Comments :

Seasave crashed on up cast at 15m when bottle #8^s was redeployed and the bottles 7, 8, 9 recollected to obtain corresponding bottle information. Valves open → Recast ROS084

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	130	Ros Cast #	084	Water depth	50	Date	JUL 17 06
Station	UTN-6	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	67° 44' 18.3	Longitude	168 25.828	UTC time (start)	6:59		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
373	6-5	44.44	1		X							
	6-5	44.67	2									
	40	40.05	3									
	35	35.23	4									
	30	30.13	5									
	25	25.17	6									
	20	20.07	7									
	15	15.25	8	bad								
	10	10.01	9									
	5	4.91	10	bad								
			11									
			12									

Comments : bottles 8 and 10 did not fire.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event # 131 Ros Cast # 085 Water depth 50 m Date July 17.06
Station UTV-6 Cast depth 15 m Local time (Time Zone) UTC-7
Latitude 67° 44.178 Longitude 168° 25.577 UTC time (start) 7:25

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
	15		1	full	✓							
	15		2	full								
	15		3	full								
	15		4	full								
	15		5	full								
	15		6	full								
	15		7	full								
	15	15.11	8	✓								
	5		9	full								
	5	5:05	10	✓								
			11									
			12									

Comments : bottles 1-7 & 9 were refilled, but already had samples in them.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	132	Ros Cast #	186	Water depth	58 m	Date	July 17, 06
Station	UTN-7	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	67° 59.953	Longitude	168° 55.999	UTC time (start)	11:08		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
374	0-5	52.52	1		X							
	5-10	52.66	2									
	15	45.29	3									
	20	40.05	4									
	25	34.66	5									
	30	29.99	6									
	35	24.89	7									
	40	20.21	8									
	45	20	9									
	50	15.39	10									
	55	10.29	11									
	60	5.05	12									

Comments :

extra bottle fired at 20 db.

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	135	Ros Cast #	088	Water depth	57m	Date	July 17, 06
Station	PH-2	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	68° 5.235	Longitude	68° 21.675	UTC time (start)	14:22		

Sample #	nom. Press depth	Trip Press depth	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
	45	45.14	1	✓								
	40	40.37	2									
	27	27.18	3									
	21	21.28	4									
	14	14.12	5									
	7	7.11	6									
	4	4.16	7									
	SURF	0.93	8									
			9									
			10									
			11									
			12									

Comments : For Brionne

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	154	Ros Cast #	102	Water depth	48m	Date	July 17, 06
Station	M03-04	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	69°50.129	Longitude	168°48.678	UTC time (start)	21:54		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
382	bot-5	42	1	↓	X							
	35	35.2	2									
	30	30.3	3									
	25	24.7	4									
	20	21	5									
	15	15.5	6									
	10	10.4	7									
	5	5.3	8									
			9									
			10									
			11									
			12									

Comments :

Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	155	Ros Cast #	103	Water depth	45m	Date	July 19, 06
Station	MOS-04	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	70° 37.970	Longitude	168° 14.393	UTC time (start)	3:37		

Sample #	nom. Press depth	Trip Press depth	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
383	bot-5	37.07m	1	1	X							
	30	30.26m	2									
	23	28.82m	3									
	15	15.25m	4									
	8	7.95m	5									
	4	4.16m	6									
	Surf.	-0.19m	7									
			8									
			9									
			10									
			11									
			12									

Comments :	for Brianne
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Rosette sampling log: Cruise # 2006 -01

Vessel: Sir Wilfrid Laurier

Event #	157	Ros Cast #	104	Water depth	53 m	Date	July 19, 06
Station	CCC-06	Cast depth	bot-5	Local time (Time Zone)	UTC-7		
Latitude	70° 37.894	Longitude	167° 12.583	UTC time (start)	18:42		

Sample #	nom. Press	Trip Press	ROS BOT #	BOTTLE INTEGRITY	SAL	SAL DUP	NUTS	NUTS DUP	SILICATE	BARIUM	CHL-a	DMSP
384	6-5	47.70	1		X							
	45	44.44	2									
	40	39.77	3									
	35	34.95	4									
	30	30.27	5									
	25	25.17	6									
	20	20.35	7									
	15	15.11	8									
	10	10.01	9									
	5	5.33	10									
			11									
			12									

Comments : 1 SAL 105
rest for Peter lee.