

1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

ALK 1st
TCO2 2nd

STATION : 1
CAST # : D 100
CAST DEPTH : 90
CTD (type/SN) : 1329
FLUOROMETER : 93-S
TRANS : 598

LATITUDE : 74 40.26
LONGITUDE : 93 21.39
DATE : Aug 31
TIME (local) : 1324 Z
TIME ZONE :

BOTTOM DEPTH : 100 m
ICE CONDITIONS :
WIND SPEED :
AIR TEMP :
SAMPLE COP : P. J.

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
	90	189201	1	1	✓	✓	✓		✓	✓	✓	✓	✓	✓	
100	90	202	2	2	✓	✓	✓		✓	✓	✓	✓	✓	✓	
80	81	203	3	3	✓	✓	✓		✓	✓	✓	✓	✓	✓	
70	70	204	4	4	✓	✓	✓		✓	✓	✓	✓	✓	✓	
60	50	205	5	5	✓	✓	✓		✓	✓	✓	✓	✓	✓	
50	40	206	6	6	✓	✓	✓		✓	✓	✓	✓	✓	✓	
40	30	207	7	7	✓	✓	✓		✓	✓	✓	✓	✓	✓	
30	20	208	8	8	✓	✓	✓		✓	✓	✓	✓	✓	✓	
20	10	209	9	9	✓	✓	✓		✓	✓	✓	✓	✓	✓	
10	7	210	10	10	✓	✓	✓		✓	✓	✓	✓	✓	✓	
5	5	211	11	11	✓	✓	✓		✓	✓	✓	✓	✓	✓	
3	3	212	12	12	✓	✓	✓		✓	✓	✓	✓	✓	✓	
0	0	213	13	13	✓	✓	✓		2✓	✓	✓	✓	✓	✓	
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CAPS	TIGHTENED														
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CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north,middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 2
CAST #: D101
CAST DEPTH : 130
CTD (type/SN) : 1329
FLUOROMETER : 93-S
TRANS : 598

LATITUDE : 74 41.09
LONGITUDE : 93 00.08
DATE :
TIME (local) : 1112
TIME ZONE :
TIME UTC : 1512

BOTTOM DEPTH : 142 m
ICE CONDITIONS :
WIND SPEED :
AIR TEMP :
SAMPLE COP : P.T.

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	1-129
	130	189214	1	1	✓	1✓	1✓	✓	✓	2.5	✓	✓	✓	✓	
	125	215	2	2	✓	1✓	1✓	✓	2.5	✓	✓	✓	✓	✓	
	120	216	3	3	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	100	217	4	4	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	90	218	5	5	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	70	219	6	6	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	60	220	7	7	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	50	221	8	8	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	40	222	9	9	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	30	223	10	10	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	20	224	11	11	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	15	225	12	12	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	10	226	13	13	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	5	227	14	14	✓	1✓	1✓	✓	✓	✓	✓	✓	✓	✓	
	0	228	15	15	✓	1✓	2✓	✓	✓	✓	✓	✓	✓	✓	
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION : 4
 CAST #: D102
 CAST DEPTH : 102
 CTD (type/SN) : 1329
 FLUOROMETER : 93-S
 TRANS : 598

LATITUDE : 74 41.73
 LONGITUDE : 091 56.65
 DATE : 31/8/97
 TIME (local) : _____
 TIME ZONE : _____

BOTTOM DEPTH : _____
 ICE CONDITIONS : _____
 WIND SPEED : _____
 AIR TEMP : _____
 SAMPLE COP : _____

UTC 2027

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
100	90	189229	1	1	✓	✓	✓3160	✓	✓	✓	✓	✓	✓	✓	
90	80	230	2	2	✓	✓	✓3157	✓	✓	✓	✓	✓	✓	✓	
80	70	231	3	3	✓	✓	✓3156	✓	✓	✓	✓	✓	✓	✓	
70	60	232	4	4	✓	✓	✓3179	✓	✓	✓	✓	✓	✓	✓	
50	50	233	5	5	✓	✓	✓3163	✓	✓	✓	✓	✓	✓	✓	
40	50	234	6	6	✓	✓	✓3170	✓	✓	✓	✓	✓	✓	✓	
30	40	235	7	7	✓	✓	✓3171	✓	✓	✓	✓	✓	✓	✓	
20	30	236	8	8	✓	✓	✓3161	✓	✓	✓	✓	✓	✓	✓	
10	20	237	9	9	✓	✓	✓3151	✓	✓	✓	✓	✓	✓	✓	
7	10	238	10	10	✓	✓	✓3160	✓	✓	✓	✓	✓	✓	✓	
5	5	239	11	11	✓	✓	✓3173	✓	✓	✓	✓	✓	✓	✓	
3	0	240	12	12	✓	✓	✓3166	✓	✓	✓	✓	✓	✓	✓	
		241	13				3148								
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			15												
			16												
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			24												

CAPS TIGHTENED

CTD/Rosette cast comments:

HCH 229 & HCH 231 HAD BUBBLES

Sample team:

* 3 stns per section: north,middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 5
CAST #: 2103
CAST DEPTH : 88
CTD (type/SN) : 1329 / 1534
FLUOROMETER : 93-S
TRANS : 598

LATITUDE : 74 41.33
LONGITUDE : 92 14.01
DATE : Sept 1
TIME (local) : 0911
TIME ZONE : UTC 1411

BOTTOM DEPTH : 96m
ICE CONDITIONS :
WIND SPEED :
AIR TEMP :
SAMPLE COP :

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
110	88	189241	1	1	✓	✓	✓ 3148		✓	✓	✓	✓	✓	✓	✓
100	88	242	2	2	✓										
100	88	243	3	3	✓										
100	88	244	4	4	✓										
100	80	245	5	5	✓	✓	✓ 3172		✓	✓ 2	✓	✓	✓	✓	✓
90	70	246	6	6	✓	✓	✓ 3178		✓	✓	✓	✓	✓	✓	✓
80	60	247	7	7	✓	✓	✓ 3168		✓	✓	✓	✓	✓	✓	✓
70	50	248	8	8	✓	✓	✓ 3167		✓	✓	✓	✓	✓	✓	✓
50	40	249	9	9	✓	✓	✓ 3154		✓	✓	✓	✓	✓	✓	✓
40	35	250	10	10	✓	✓	✓ 3152		✓	✓	✓	✓	✓	✓	✓
30	30	251	11	11	✓	✓	✓ 3174		✓	✓	✓	✓	✓	✓	✓
20	20	252	12	12	✓	✓	✓ 3158		✓	✓	✓	✓	✓	✓	✓
10	10	253	13	13	✓	✓	✓ 3165		✓	✓	✓	✓	✓	✓	✓
10	10		14	14	✓										
10	10		15	15	✓										
10	10		16	16	✓										
0	0	254	17	17	✓	✓	✓ 3029		✓	✓	✓	✓	✓	✓	✓
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

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Page 1/2 ?

1.3
Lost the big flow
Finally

BOTTOM DEPTH : 202

ICE CONDITIONS : new ice / open

WIND SPEED:

AIR TEMP:

AIR TEMP:

SAMPLE COP:

UTC 2003

$\begin{matrix} \text{Cs} \\ \checkmark \\ \text{Cs} \end{matrix}$

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Sample team: BOTTLE 189268 WAS LEAKING AIR THROUGH TOP SEAL

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Page 1/2 ?

(first cost)

LATITUDE: 74 14.97
 LONGITUDE: 93 31.89
 DATE: Sept 2/97
 TIME (local): 1354
 TIME ZONE: _____
 UTC 1754

UTC 1754

C64CNA

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HCH 281 HAS BUBBLES
HCH 285 HAS A FEW BUBBLES

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1997 JOIS ARCHIPELAGO SAMPLING LOG
CRUISE # 9722

depth 150m

STATION : 11 (second cast) LATITUDE : 74 13.91 BOTTOM DEPTH : 164.
 CAST # : D106 LONGITUDE : 93 29.17 ICE CONDITIONS : _____
 CAST DEPTH : 150 DATE : Sept 2 / 97 WIND SPEED : _____
 CTD (type/SN) : _____ TIME (local) : 1507 AIR TEMP : _____
 FLUOROMETER : _____ TIME ZONE : _____ SAMPLE COP : SEBC
 TRANS : _____ UTC 2007

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	Salt	137-Cs ***	210-Pb **	Pu/Sr **	
150			1		✓				X	
150			2		✓					
150			3		✓					
150			4		✓					
150			5		✓					
150			6		✓					
150			7		✓					
150			8		✓					
150			9		✓			✓	↑	
150			10		✓			✓	↑	
150			11		✓			✓	↓	
100			12		✓					
100			13		✓					
100			14		X					
100			15		✓					
100			16		✓					
100			17		✓					
100			18		✓					
100			19		✓					
100			20		✓			✓	↑	
100			21		✓			✓	↑	
100			22		✓			✓	↓	
100			23		✓					
100			24							

CAPS	TIGHTENED								
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CTD/Rosette cast comments:

Sample team:

* Lancaster Sound section 12 depths max, upper 200m + 500m

** Lancaster Sound outflow ie south side of section : 10m (pump), 100m amd 150m

*** Same stns as HCH and I-129; 10m (pump), 100, 150, 200

#14 drips slowly - leaking from top

1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 12 LATITUDE : 74 12.32 BOTTOM DEPTH : 139
 CAST #: D107 LONGITUDE : 093 32.60 ICE CONDITIONS : open / ice all around
 CAST DEPTH : 130 DATE : Sept 21/97 WIND SPEED : 25 knots
 CTD (type/SN) : ICTD 1329 TIME (local) : 1727 AIR TEMP : -50 w/o wind chill
 FLUOROMETER : 3 938 Seafach TIME ZONE : 2227 UTC SAMPLE COP: PJ
 TRANS : 598
 MCTD 1534

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
Bottom	130	189286	1		✓	✓	✓3159		✓	2✓	✓	✓	✓	✓	
Bottom	120	287	2		✓	✓	✓3044 ✓3043		2✓	✓	✓	✓	✓	✓	
100	110	288	3		✓	✓	✓3047		✓	✓	✓	✓	✓	✓	
90	100	289	4		✓	✓	✓3123		✓	✓	✓	✓	✓	✓	
80	90	290	5		✓	✓	✓3114		✓	✓	✓	✓	✓	✓	
70	80	291	6		✓	✓	✓3061		✓	✓	✓	✓	✓	✓	
60	70	292	7		✓	✓	✓3105		✓	✓	✓	✓	✓	✓	
50	60	293	8		✓	✓	✓3001		✓	✓	✓	✓	✓	✓	
40	50	294	9		✓	✓	✓3064		✓	✓	✓	✓	✓	✓	
30	40	295	10		✓	✓	✓3108		✓	✓	✓	✓	✓	✓	
20	30	296	11		✓	✓	✓3057		✓	✓	✓	✓	✓	✓	
10	20	297	12		✓	✓	✓3128		✓	✓	✓	✓	✓	✓	
0	10	298	13		✓	✓	✓3094		✓	✓	✓	✓	✓	✓	
0	5	299	14		✓	✓	✓3140		✓	✓	✓	✓	✓	✓	
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north,middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 13
CAST # : D108
CAST DEPTH : 170
CTD (type/SN) : _____
FLUOROMETER : _____
TRANS : _____

LATITUDE : 7418.01
LONGITUDE : 9616.82
DATE : Sept 3/97
TIME (local) : 0949
TIME ZONE : UTC 1449

BOTTOM DEPTH : 182
ICE CONDITIONS : _____
WIND SPEED : _____
AIR TEMP : _____
SAMPLE COP : PJ

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *	CHL
bottom	170	189300	1		✓	✓	✓3154		✓	✓	✓	✓	✓	✓		
bottom	150	301	2		✓	✓	✓3029		✓	✓	✓	✓	✓	✓		
250	130	302	3		✓	✓	✓3165		✓	✓	✓	✓	✓	✓		
200	120	303	4		✓	✓	✓3158 ✓3174		✓	✓	✓	✓	✓	✓		
150	110	304	5		✓	✓	✓3172		✓	✓	✓	✓	✓	✓		
125	100	305	6		✗	✓	✓3178		✓	✓	✓	✓	✓	✓		
100	90	306	7		✓	✓	✓3153		✓	2 ✓	✓	✓	✓	✓		
90	80	307	8		✓	✓	✓3152 ✓3159		2 ✓	✓	✓	✓	✓	✓		
80	70	308	9		✓	✓	✓3179		✓	✓	✓	✓	✓	✓		
70	60	309	10		✓	✓	✓3166		✓	✓	✓	✓	✓	✓		
60	50	310	11		✓	✓	✓3173		✓	✓	✓	✓	✓	✓		
50	40	311	12		✓	✓	✓3171		✓	✓	✓	✓	✓	✓		
40	30	312	13		✓	✓	✓3168		✓	✓	✓	✓	✓	✓		
30	20	313	14		✓	2 ✓	✓3163		✓	✓	✓	✓	✓	✓		
20	10	314	15		✓	✓	✓3151		✓	✓	✓	✓	✓	✓		
10	5	315	16		✓	✓	✓3156		✓	✓	✓	✓	✓	✓		
0	0	316	17		✓	✓	✓3148		✓	✓	✓	✓	✓	✓		
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team: BOTTLE 6 LEAKING AT TOP SEAL. O-18 ON 315 TAKEN BEFORE Ba

* 3 stns per section: north,middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 14
CAST # : D109
CAST DEPTH : 172 m
CTD (type/SN) :
FLUOROMETER :
TRANS :

LATITUDE : 74 52.91
LONGITUDE : 97 19.36
DATE : SEPT 3/97
TIME (local) : 1547
TIME ZONE : UTC 2047

BOTTOM DEPTH : 185
ICE CONDITIONS : open water
WIND SPEED :
AIR TEMP :
SAMPLE COP: P5

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
bottom	172	1893/7	1		✓	✓	✓3048		✓	✓	✓	✓	✓	✓	
250	160	318	2		✓	✓	✓3119		✓	✓	✓	✓	✓	✓	
225	150	319	3		✓	✓	✓3075		✓	✓	✓	✓	✓	✓	
200	130	320	4		✓	✓	✓3130		✓	✓	✓	✓	✓	✓	
175	120	321	5		✓	✓	✓3115		✓	✓	✓	✓	✓	✓	
150	100	322	6		✓	✓	✓3124		✓	✓	✓	✓	✓	✓	
125	90	323	7		✓	✓	✓3061		✓	✓	✓	✓	✓	✓	
100	80	324	8		✓	✓	✓3139		✓	✓	✓	✓	✓	✓	
90	70	325	9		✓	✓	✓3084		✓	✓	✓	✓	✓	✓	
80	60	326	10		✓	✓	✓3135		✓	✓	✓	✓	✓	✓	
70	50	327	11		✓	✓	✓3024		✓	✓	✓	✓	✓	✓	
60	40	328	12		✓	✓	✓3058		✓	✓	✓	✓	✓	✓	
50	30	329	13		✓	✓	✓3107		✓	✓	✓	✓	✓	✓	
40	20	330	14		✓	✓	✓3116		✓	✓	✓	✓	✓	✓	
30	10	331	15		✓	✓	✓3131		✓	2✓	✓	✓	✓	✓	
20	0	332	16		✓	✓	✓3114		2✓	✓	✓	✓	✓	✓	
10		333	17												
0		334	18												
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north,middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 16
CAST #: D110
CAST DEPTH : 198
CTD (type/SN) : _____
FLUOROMETER : _____
TRANS : _____

LATITUDE : 7502.189
LONGITUDE : 100.50.426
DATE : Sept 4/97
TIME (local) : 1743
TIME ZONE : _____

BOTTOM DEPTH : 212
ICE CONDITIONS : new ice / open
WIND SPEED : 5
AIR TEMP : _____
SAMPLE COP : _____

4tc 2243

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
600	<u>198</u>	<u>189336</u>	<u>1</u>		✓	✓	✓3159		✓	✓	✓	✓	✓	✓	
<u>200</u>	<u>190</u>	<u>337</u>	<u>2</u>		✓	✓	✓3189		✓	✓	✓	✓	✓	✓	
<u>175</u>	<u>175</u>	<u>338</u>	<u>3</u>		✓	✓	✓3043		✓	✓	✓	✓	✓	✓	
<u>150</u>	<u>150</u>	<u>339</u>	<u>4</u>		✓	✓	✓3047		✓	✓	✓	✓	✓	✓	
<u>125</u>	<u>125</u>	<u>340</u>	<u>5</u>		✓	✓	✓3108		✓	✓	✓	✓	✓	✓	
<u>100</u>	<u>100</u>	<u>341</u>	<u>6</u>		✗	✓	✓3057		✓	✓	✓	✓	✓	✓	
<u>90</u>	<u>90</u>	<u>342</u>	<u>7</u>		✓	✓	✓3051		✓	✓	✓	✓	✓	✓	
<u>80</u>	<u>80</u>	<u>343</u>	<u>8</u>		✓	✓	✓3148		✓	✓	✓	✓	✓	✓	
<u>70</u>	<u>70</u>	<u>344</u>	<u>9</u>		✓	✓	✓3043		✓	✓	✓	✓	✓	✓	
<u>60</u>	<u>60</u>	<u>345</u>	<u>10</u>		✓	✓	✓3163		✓	✓	✓	✓	✓	✓	
<u>50</u>	<u>50</u>	<u>346</u>	<u>11</u>		✓	✓	✓3064		✓	2✓	✓	✓	✓	✓	
<u>40</u>	<u>40</u>	<u>347</u>	<u>12</u>		✓	✓	✓3105		2✓	✓	✓	✓	✓	✓	
<u>30</u>	<u>30</u>	<u>348</u>	<u>13</u>		✓	2✓	✓3123		✓	✓	✓	✓	✓	✓	✓
<u>20</u>	<u>20</u>	<u>349</u>	<u>14</u>		✗	✓	✓3114		✓	✓	✓	✓	✓	✓	✓
<u>10</u>	<u>10</u>	<u>350</u>	<u>15</u>		✓	✓	✓3061		✓	✓	✓	✓	✓	✓	✓
<u>0</u>	<u>0</u>	<u>351</u>	<u>16</u>		✓	✓	✓3116		✓	✓	✓	✓	✓	✓	✓
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

CTD/Rosette cast comments: _____
Sample team: 189241 HAS SLOW LEAK. (#6) 189349 HAS SLOW LEAK. (#14)
* 3 stns per section: north, middle and south

1997 JOIS ARCHIPELAGO SAMPLING LOG **CRUISE # 9722**

STATION : 19 **LATITUDE :** 74 02.074 **BOTTOM DEPTH :** 143
CAST #: D112 **LONGITUDE :** 10200.212 **ICE CONDITIONS :** _____
CAST DEPTH : ~~139~~ 139 **DATE :** Sept 4/2 **WIND SPEED:** _____
CTD (type/SN) : _____ **TIME (local) :** 2024 **AIR TEMP:** _____
FLUOROMETER : _____ **TIME ZONE :** _____
TRANS : _____ UTC 0124 Sept 5 **SAMPLE COP:** DW

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	Nut	Salt	O-18	I-129 *
Botto	132	189352	1		✓	✓	3130		✓	✓	✓	✓	✓	✓	
100	125	353	2		✓	✓	3024		✓	✓	✓	✓	✓	✓	
90	110	354	3		✓	✓	3153		✓	✓	✓	✓	✓	✓	
80	90	355	4		✓	✓	3178		✓	✓	✓	✓	✓	✓	
70	70	356	5		✓	✓	3165		✓	✓	✓	✓	✓	✓	
60	60	357	6		✓	✓	3174		✓	✓	✓	✓	✓	✓	
50	50	358	7		✓	✓	3152		✓	✓	✓	✓	✓	✓	
40	40	359	8		✓	✓	3166		✓	✓	✓	✓	✓	✓	
30	30	360	9		✓	✓	3179		✓	✓	✓	✓	✓	✓	
20	20	361	10		✓	✓	3173		✓	✓	✓	✓	✓	✓	
10	10	362	11		✓	✓	3171		✓	✓	✓	✓	✓	✓	
0	0	363	12		✓	✓	3172		✓	✓	✓	✓	✓	✓	
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CAPS	TIGHTENED														
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CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north,middle and south

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Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION : 22
 CAST #: D112
 CAST DEPTH : 160
 CTD (type/SN) :
 FLUOROMETER :
 TRANS :

LATITUDE : 75 06.07
 LONGITUDE : 103 15.708
 DATE : Sept 51
 TIME (local) : 0947
 TIME ZONE : LTC 1947

BOTTOM DEPTH : 156
 ICE CONDITIONS : floating junkies
 WIND SPEED :
 AIR TEMP :
 SAMPLE COP : P.J.

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CH1a
Bot	160	189364	1		✓	✓	✓3061	✓	✓	✓	✓		✓	✓	✓	✓	✓
100	150	365	2		✓	✓	✓3116	✓	✓	✓	✓		✓	✓	✓	✓	✓
90	140	366	3		✓	✓	✓3105 ✓3123	✓	✓	✓	✓		✓	✓	✓	✓	✓
80	130	367	4		✓	✓	✓3024	✓	✓	✓	✓		✓	✓	✓	✓	✓
70	120	368	5		✓	✓	✓3131	✓	✓	✓	✓		✓	✓	✓	✓	✓
60	100	369	6		✓	✓	✓3174	✓	✓	✓	✓		✓	✓	✓	✓	✓
50	80	370	7		✓	✓	✓3166	✓	✓	✓	✓		✓	✓	✓	✓	✓
40	60	371	8		✓	✓	✓3151 ✓3179	✓	✓	✓	✓		✓	✓	✓	✓	✓
30	50	372	9		✓	✓	✓3152	✓	✓	✓	✓		✓	✓	✓	✓	✓
20	40	373	10		✓	✓	✓3173	✓	✓	✓	✓		✓	✓	✓	✓	✓
10	30	374	11		✓	✓	✓3171	✓	✓	✓	✓		✓	✓	✓	✓	✓
0	20	375	12		✓	✓	✓3172	✓	✓	✓	✓		✓	✓	✓	✓	✓
	10	376	13		✓	✓	✓3165	✓	✓	✓	✓		✓	✓	✓	✓	✓
	0	377	14		✓	✓	✓3158	✓	✓	✓	✓		✓	✓	✓	✓	✓
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

60 - bottom of fluorocarbon man.

CTD/Rosette cast comments: HCH 377 WAS SHAKEN BEFORE PURGING WITH NITROGEN

Sample team: HCH 364 WAS SHAKEN BEFORE PURGED WITH NITROGEN

HCH 365 WAS TAKEN AFTER TCO2 & ALK.

* 3 stns per section: north, middle and south

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION : 23
 CAST # : D113
 CAST DEPTH : 140 m
 CTD (type/SN) : _____
 FLUOROMETER : _____
 TRANS : _____

LATITUDE : 15 06.02
 LONGITUDE : 103 27.80
 DATE : Sept 5
 TIME (local) : 1837
 TIME ZONE : VTC 1837

BOTTOM DEPTH : 148 (147)
 ICE CONDITIONS : open water / little ice
 WIND SPEED : _____
 AIR TEMP : 40.99 / calm
 SAMPLE COP : P.J.

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
140	140	378	1		✓	✓	✓3170	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
130	130	379	2		✓	✓	✓3064	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
120	120	380	3		✓	✓	✓3150	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
110	110	381	4		✓	✓	✓3119	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
100	100	382	5		✓	✓	✓3115	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
90	90	383	6		✓	✓	✓3128	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	80	384	7		✓	✓	✓3124	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
70	70	385	8		✓	✓	✓3139	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60	60	386	9		✓	✓	✓3081	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	50	387	10		✓	✓	✓3168	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	40	388	11		✓	✓	✓3156	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	30	389	12		✓	✓	✓3044	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	20	390	13		✓	✓	✓3107	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	10	391	14		✓	✓	✓3148	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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CAPS TIGHTENED



CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

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Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION : 24
 CAST #: 2114
 CAST DEPTH : 210 m
 CTD (type/SN) : _____
 FLUOROMETER : _____
 TRANS : _____

LATITUDE : 74 40.576
 LONGITUDE : 104 05.117
 DATE : SEP 5/97
 TIME (local) : 1635
 TIME ZONE : _____
UTC - 2335

BOTTOM DEPTH : 203
 ICE CONDITIONS : _____
 WIND SPEED : 16994
 AIR TEMP : 0.4
 SAMPLE COP : PJ

very low chlorophyll

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
Butt.	195	189392	1		✓	✓	3042	✓	✓	✓	✓		✓	✓	✓		
200	190	393	2		✓	✓	3057	✓	✓	✓	✓		✓	✓	✓		
190	180	394	3		✓	✓	3100	✓	✓	✓	✓		✓	✓	✓		
170	170	395	4		✓	✓	3167	✓	✓	✓	✓		✓	✓	✓		
150	155	396	5		✓	✓	3163	✓	✓	✓	✓		✓	✓	✓		
130	140	397	6		✓	✓	3178	✓	✓	✓	✓		✓	✓	✓		
120	120	398	7		✓	✓	3153	✓	✓	✓	✓		✓	✓	✓		
110	100	399	8		✓	✓	3110	✓	✓	✓	✓		✓	✓	✓		
100	80	400	9		✓	✓	3154	✓	✓	✓	✓		✓	✓	✓		
90	60	401	10		✓	✓	3105	✓	✓	✓	✓		✓	✓	✓		
80	50	402	11		✓	✓	3161	✓	✓	✓	✓		✓	✓	✓		
70	40	403	12		✓	✓	3164	✓	✓	✓	✓		✓	✓	✓		
60	30	404	13		✓	✓	3024	✓	✓	✓	✓		✓	✓	✓		
50	23	405	14		✓	✓	3171	✓	✓	✓	✓		✓	✓	✓		
40	10	406	15		✓	✓	3151	✓	✓	✓	✓		✓	✓	✓		
30	0	407	16		✓	✓	3165	✓	✓	✓	✓		✓	✓	✓		
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OK for 15-16

CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

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Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION: 25
 CAST #: D115
 CAST DEPTH: 92
 CTD (type/SN):
 FLUOROMETER:
 TRANS:

LATITUDE: 75 06.49
 LONGITUDE: 105 00.34
 DATE: Sept 6/97
 TIME (local):
 TIME ZONE: UTC 1343

BOTTOM DEPTH: 102 / 98
 ICE CONDITIONS:
 WIND SPEED: 27 knots - 15
 AIR TEMP: -3.7
 SAMPLE COP: P.J.

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CH1a
Bot.	93	189408	1		✓	✓	3158		✓	✓	✓		✓	✓	✓		
100	88	409	2		✓	✓	3152		✓	2✓	✓		✓	✓	✓		
90	78	410	3		✓	✓	3172		2✓	✓	✓		✓	✓	✓		
80	68	411	4		✓	✓	3166		✓	✓	✓		✓	✓	✓		
70	58	412	5		✓	✓	3170		✓	✓	✓		✓	✓	✓		
60	48	413	6		✓	✓	3075		✓	✓	✓		✓	✓	✓		
50	38	414	7		✓	2✓	3119		✓	✓	✓		✓	✓	✓		
40	30	415	8		✓	✓	3168		✓	✓	✓		✓	✓	✓		
30	25	416	9		✓	✓	3115		✓	✓	✓		✓	✓	✓		
20	20	417	10		✓	✓	3143		✓	✓	✓		✓	✓	✓		
10	10	418	11		✓	✓	3156		✓	✓	✓		✓	✓	✓		
0	0	419	12		✓	✓	3044		✓	✓	✓		✓	✓	✓		
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

Page 1/1 ?

Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION: 27
 CAST #: D116
 CAST DEPTH: 290m
 CTD (type/SN):
 FLUOROMETER:
 TRANS:

LATITUDE: 75 03.080
 LONGITUDE: 105 25.398
 DATE: SEP 6/97
 TIME (local): 12 11
 TIME ZONE: 17 11
UTC

BOTTOM DEPTH: 220
 ICE CONDITIONS:
 WIND SPEED: 9 kt
 AIR TEMP: -4.7
 SAMPLE COP:

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CH1a
80	212	420	1		✓	✓	3124	✓	✓	✓	✓		✓	✓	✓		✓
290	200	421	2		✓	✓	3064	✓	✓	✓	✓		✓	✓	✓		✓
275	190	422	3		✓	✓	3148	✓	✓	✓	✓		✓	✓	✓		✓
250	175	423	4		✓	✓	3057 3135	✓	✓	✓	✓		✓	✓	✓		✓
225	150	424	5		✓	✓	3167	✓	✓	✓	✓		✓	✓	✓		✓
200	130	425	6		✓	✓	3157	✓	✓	✓	✓		✓	✓	✓		✓
175	110	426	7		✓	✓	3160	✗	✓	✓	✓		✓	✓	✓		✓
150	100	427	8		✓	✓	3163	✓	✓	✓	✓		✓	✓	✓		✓
125	90	428	9		✓	✓	3114	✗	✓	✓	✓		✓	✓	✓		✓
100	80	429	10		✓	✓	3153	✗	✓	✓	✓		✓	✓	✓		✓
70	70	430	11		✓	✓	3154	✓	✓	✓	✓		✓	✓	✓		✓
80	60	431	12		✓	✓	3164 3158	✗	✓	✓	✓		✓	✓	✓		✓
70	50	432	13		✓	✓	3161	✓	✓	2.5	✓		✓	✓	✓		✓
60	35	433	14		✓	✓	3105	✓	2.5	✓	✓		✓	✓	✓		✓
50	25	434	15		✓	✓	3171	✗	✓	✓	✓		✓	✓	✓		✓
40	15	435	16		✓	✓	3024	✗	✓	✓	✓		✓	✓	✓		✓
30	10	436	17		✓	✓	3151	✓	✓	✓	✓		✓	✓	✓		✓
20	0	437	18		✓	✓	3165	✓	✓	✓	✓		✓	✓	✓		✓
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team: BUBBLES IN HCH 421. HCH 436 IS FILLED TO TOP

* 3 stns per section: north, middle and south

Page 1/1 ?

Page 1/2 ?

NB-HCH from 2 bottom depths as well as Sta profile

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION : 29
 CAST #: D117
 CAST DEPTH : 93m
 CTD (type/SN): _____
 FLUOROMETER: _____
 TRANS: _____

LATITUDE : 15 03.874
 LONGITUDE : 105 56.353
 DATE : SEP 6/97
 TIME (local) : 1642
 TIME ZONE : _____
UTC 2142

BOTTOM DEPTH : 100m
 ICE CONDITIONS : open water
 WIND SPEED: 10 Kts.
 AIR TEMP: _____
 SAMPLE COP: PJ

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
BOT	85	189438	1		✓	✓	3131	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
100	80	439	2		✓	✓	3179	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
90	70	440	3		✓	✓	3173	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
80	60	441	4		✓	✓	3174	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
70	50	442	5		✓	✓	3123	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
60	40	443	6		✓	✓	3152 3121	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
50	30	444	7		✓	✓	3144	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	20	445	8		✓	✓	3097	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	10	446	9		✓	✓	3127	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	0	447	10		✓	✓	3113	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION: 30
 CAST #: D118
 CAST DEPTH: 145m
 CTD (type/SN):
 FLUOROMETER:
 TRANS:

LATITUDE: 7454.884
 LONGITUDE: 10840.33
 DATE: Sept 21
 TIME (local): 0836
 TIME ZONE: UTC 1336

BOTTOM DEPTH: 138
 ICE CONDITIONS:
 WIND SPEED: 3 knots
 AIR TEMP: 21
 SAMPLE COP: PJ

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
BotH	130	189448	1		✓	✓	3082	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BotH	120	449	2		✓	✓	3062	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
125			3		✓	✓											
100	110	450	4		✓	✓	3051		✓	✓	✓		✓	✓	✓		
90	100	451	5		✓	✓	3067		✓	✓	✓		✓	✓	✓		
80	90	452	6		✓	✓	3065		✓	✓	✓		✓	✓	✓		
70	70	453	7		✓	✓	3035		✓	✓	✓		✓	✓	✓		
60	60	454	8		✓	✓	3135		✓	✓	✓		✓	✓	✓		
50	50	455	9		✓	✓	3044 3154		✓	✓	✓		✓	✓	✓		
40	40	456	10		✓	✓	3178		✓	✓	✓		✓	✓	✓		
30	30	457	11		✓	✓	3114		✓	✓	✓		✓	✓	✓		
20	20	458	12		✓	✓	3163		✓	✓	✓		✓	✓	✓		
10	10	459	13		✓	✓	3160		✓	✓	✓		✓	✓	✓		
0	0	460	14		✓	✓	3164		✓	✓	✓		✓	✓	✓		
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			16														
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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CTD/Rosette cast comments: BOTTLE #3 WAS NOT FIXED (BUNGEE BROKE)
 Sample team: BOTTLE #6 HAS SLIGHT LEAK ON TOP AGAIN

* 3 stns per section: north, middle and south

1997 JOIS ARCHIPELAGO SAMPLING LOG
CRUISE # 9722

STATION : 32
CAST #: 2119
CAST DEPTH : 155 m
CTD (type/SN) : _____
FLUOROMETER : _____
TRANS : _____

LATITUDE : 74 45.75
LONGITUDE : 108 55.98
DATE : Sept 7/97
TIME (local) : 1049
TIME ZONE : _____
UTC : 1549

BOTTOM DEPTH : 155 m.
ICE CONDITIONS : ice edge
WIND SPEED : 4.7 knots
AIR TEMP : -1.2
SAMPLE COP : P.J.

Crashed into station rather than using thrusters. NOT PJ

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
145	145	189474	1		✓	✓	3179		✓	✓	✓		✓	✓	✓		
140	140	475	2		✓	✓	3135		✓	✓	✓		✓	✓	✓		
135	135	476	3		✓	✓	3173		✓	✓	✓		✓	✓	✓		
125	125	477	4		✓	✓	3174		✓	25	✓		✓	✓	✓		
100	110	478	5		✓	✓	3123		2	✓	✓		✓	✓	✓		
90	100	479	6		✓	✓	3097		✓	✓	✓		✓	✓	✓		
80	80	480	7		✓	✓	3144		✓	✓	✓		✓	✓	✓		
70	70	481	8		✓	✓	3121		✓	✓	✓		✓	✓	✓		
60	60	482	9		✓	✓	3127		✓	✓	✓		✓	✓	✓		
50	50	483	10		✓	✓	3113		✓	✓	✓		✓	✓	✓		
40	40	484	11		✓	✓	3126		✓	✓	✓		✓	✓	✓		
30	30	485	12		✓	✓	3110		✓	✓	✓		✓	✓	✓		
20	20	486	13		✓	✓	3100		✓	✓	✓		✓	✓	✓		
10	10	487	14		✓	✓	3112		✓	✓	✓		✓	✓	✓		
0	0	488	15		✓	✓	3175		✓	✓	✓		✓	✓	✓		
			16														
			17														
			18														
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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depths are low by 3 - ie 100 is 103.

CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

Page 1/1 ?

Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG **CRUISE # 9722**

STATION : 33 LATITUDE : 14 36.206 BOTTOM DEPTH : 277
 CAST # : D120 LONGITUDE : 109 00.160 ICE CONDITIONS : 6/10
 CAST DEPTH : 265m DATE : Sept 7 WIND SPEED : 8.3
 CTD (type/SN) : _____ TIME (local) : 1703 AIR TEMP : -3.2
 FLUOROMETER : _____ TIME ZONE : _____ SAMPLE COP : PJT
 TRANS : _____ UTC 2203

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
BOTT	265	189489	1		✓	✓	3023		✓	✓	✓		✓	✓	✓		
250	255	490	2		✓	✓	3132		✓	✓	✓		✓	✓	✓		
225	245	491	3		✓	✓	3148		✓	✓	✓		✓	✓	✓		
200	235	492	4		✓	✓	3064		✓	✓	✓		✓	✓	✓		
175	225	493	5		✓	✓	3157		✓	✓	✓		✓	✓	✓		
150	205	494	6		✓	✓	3057		✓	✓	✓		✓	✓	✓		
100	180	495	7		✓	✓	3167		✓	✓	✓		✓	✓	✓		
90	155	496	8		✓	✓	3126		✓	✓	✓		✓	✓	✓		
80	130	497	9		✓	✓	3105		✓	✓	✓		✓	✓	✓		
70	115	498	10		✓	✓	3171		✓	✓	✓		✓	✓	✓		
60	100	499	11		✓	✓	3124		✓	✓	✓		✓	✓	✓		
50	80	500	12		✓	✓	3153		✓	✓	✓		✓	✓	✓		
40	60	501	13		✓	✓	3161		✓	2✓	✓		✓	✓	✓		
30	50	502	14		✓	✓	3024		2✓	✓	✓		✓	✓	✓		
20	30	503	15		✓	✓	3094		✓	✓	✓		✓	✓	✓		
10	20	504	16		✓	✓	3061		✓	✓	✓		✓	✓	✓		
0	10	505	17		✓	✓	3178		✓	✓	✓		✓	✓	✓		
	0	506	18		✓	✓	3114		✓	✓	✓		✓	✓	✓		
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CTD/Rosette cast comments:

Sample team:

* 3 stns per section: north, middle and south

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1997 JOIS ARCHIPELAGO SAMPLING LOG
CRUISE # 9722

8:19
8:27 100465

STATION : 34
CAST # : 2124
CAST DEPTH : 420
CTD (type/SN) : _____
FLUOROMETER : _____
TRANS : _____

LATITUDE : 14 22.542
LONGITUDE : 109 04.877
DATE : Sept 8/97
TIME (local) : 0847
TIME ZONE : _____
UTC - 1347

BOTTOM DEPTH : 435m
ICE CONDITIONS : 8/10
WIND SPEED : 10.2
AIR TEMP : -4.0
SAMPLE COP : 19

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
420	420	129567	1		✓	✓	3144	✓	✓	✓	✓		✓	✓	✓		
410	410	508	2		✓	✓	3174	✓	✓	✓	✓		✓	✓	✓		
400	400	509	3		✓	✓	3165 3092	✓	✓	✓	✓		✓	✓	✓		
375	375	510	4		✓	✓	3160	✓	✓	✓	✓		✓	✓	✓		
350	350	511	5		✓	✓	3140	✓	✓	✓	✓		✓	✓	✓		
325	325	512	6		✓	✓	3123	✓	✓	✓	✓		✓	✓	✓		
300	300	513	7		✓	✓	3121	✓	✓	✓	✓		✓	✓	✓		
275	275	514	8		✓	✓	3097	✓	✓	✓	✓		✓	✓	✓		
250	250	515	9		✓	✓	3173	✓	✓	✓	✓		✓	✓	✓		
225	225	516	10		✓	✓	3121	✓	✓	✓	✓		✓	✓	✓		
200	200	517	11		✓	✓	3059 3116	✓	✓	✓	✓		✓	✓	✓		
180	180	518	12		✓	✓	3136	✓	✓	✓	✓		✓	✓	✓		
160	160	519	13		✓	✓	3112	✓	✓	✓	✓		✓	✓	✓		
140	140	520	14		✓	✓	3175	✓	✓	✓	✓		✓	✓	✓		
120	120	521	15		✓	2 ✓	3100	✓	✓	✓	✓		✓	✓	✓		
100	100	522	16		✓	✓	3127	✓	✓	2 ✓	✓		✓	✓	✓		
80	80	523	17		✓	✓	3113	✓	2 ✓	✓	✓		✓	✓	✓		
60	60	524	18		✓	✓	3179	✓	✓	✓	✓		✓	✓	✓		
50	50	525	19		✓	✓	3164	✓	✓	✓	✓		✓	✓	✓		
30	30	526	20		✓	✓	3169	✓	✓	✓	✓		✓	✓	✓		
20	20	527	21		✓	✓	3155	✓	✓	✓	✓		✓	✓	✓		
10	10	528	22		✓	✓	3109	✓	✓	✓	✓		✓	✓	✓		
0	0	529	23		✓	✓	3176	✓	✓	✓	✓		✓	✓	✓		
			24														

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#189507 = fur biology?? / duplicate bottle same

CTD/Rosette cast comments:

Sample team: BOTTLE #14 (189520) HAS RAD LEAK
HCH 515 HAS SOME BUBBLES, NUTS 511 HAS ONLY 3 VIALS (RAD OUT OF WATER)
* 3 stns per section: north, middle and south

A9.

1997 JOIS ARCHIPELAGO SAMPLING LOG

CRUISE # 9722

STATION : 36
 CAST # : D122
 CAST DEPTH : 104
 CTD (type/SN) : _____
 FLUOROMETER : _____
 TRANS : _____

LATITUDE : 73 26.975
 LONGITUDE : 126 35.992
 DATE : SEP 14/97
 TIME (local) : 0935
 TIME ZONE : _____
UTC 1435

BOTTOM DEPTH : 110 111
 ICE CONDITIONS : 91
 WIND SPEED : 4 Kts.
 AIR TEMP : -0.6
 SAMPLE COP : BM

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129	CH1a
Bot	100	189530	1		✓	✓	3001		✓	✓	✓		✓	✓	✓		
100	90	531	2		✓	✓	3151 3042	✓*	✓	✓	✓		✓	✓	✓		
90	80	532	3		✓	✓	3188		✓	✓	✓		✓	✓	✓		
80	70	533	4		✓	✓	3058	✓*	✓	✓	✓		✓	✓	✓		
70	60	534	5		✓	✓	3084 3159		✓	✓	✓		✓	✓	✓		
60	50	535	6		X	✓	3142	✓*	✓	✓	✓		✓	✓	✓		
50	45	536	7		✓	✓	3093		✓	✓	✓		✓	✓	✓		
40	40	537	8		✓	✓	3048	✓*	✓	✓	✓		✓	✓	✓		
30	35	538	9		✓	✓	3130		✓	✓	✓		✓	✓	✓		
20	30	539	10		✓	✓	3037		✓	✓	✓		✓	✓	✓		
10	20	540	11		✓	✓	3107	✓*	✓	✓	✓		✓	✓	✓		
0	10	541	12		✓	2✓	3162		✓	✓	✓		✓	✓	✓		
	0	542	13		✓	✓	3098		✓	✓	✓		✓	✓	✓		
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CTD/Rosette cast comments: Bottle 6 leaks at top.

Sample team: _____

* 3 stns per section: north, middle and south

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Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 37
CAST # : 0125
CAST DEPTH : 86 m
CTD (type/SN) :
FLUOROMETER :
TRANS :

LATITUDE : 74 09.092
LONGITUDE : 125 54.676
DATE : Sept 14
TIME (local) : 1825
TIME ZONE : UTC 2325

BOTTOM DEPTH : 82
ICE CONDITIONS : 9+ ridging
WIND SPEED : 4.9 knots
AIR TEMP : -0.4
SAMPLE COP : BM

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CH1a
80H	82	189543	1		✓	✓	3168	✓	✓	✓	✓		✓	✓	✓	✓	
"	70	544	2		✓	✓	3075	✓	✓	✓	✓		✓	✓	✓	✓	
90	60	545	3		✓	✓	3151	✓	✓	✓	✓		✓	✓	✓	✓	
80	50	546	4		✓	✓	3093 3037	✓	✓	✓	✓		✓	✓	✓	✓	
70	40	547	5		✓	✓	3152	✓	✓	✓	✓		✓	✓	✓	✓	
60	30	548	6		X	✓	3128	✓	✓	✓	✓		✓	✓	✓	✓	
50	20	549	7		X	✓	3159	✓	✓	✓	✓		✓	✓	✓	✓	
40	10	550	8		✓	✓	3001	✓	✓	✓	✓		✓	✓	✓	✓	
30	0	551	9		✓	✓	3162	✓	✓	✓	✓		✓	✓	✓	✓	
20		552	10														
10		553	11														
0		554	12														
		555	13														
		556	14														
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CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

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CTD/Rosette cast comments: Bottle 7 leaking at top.
Sample team: Bottle 6 leaking at top.

* 3 stns per section: north,middle and south

1997 JOIS ARCHIPELAGO SAMPLING LOG
CRUISE # 9722

5000 bar
- scales
F9

STATION : 38
CAST # : D124
CAST DEPTH : 77
CTD (type/SN) : _____
FLUOROMETER : _____
TRANS : _____

LATITUDE : 70 56.387
LONGITUDE : 133 41.758
DATE : Sept 16/97
TIME (local) : 0958
TIME ZONE : _____

BOTTOM DEPTH : 82
ICE CONDITIONS : open water
WIND SPEED : swells 15 knts
AIR TEMP : _____
SAMPLE COP : BM

UTC - 1558

0 max 25'

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	H-129 *	CHla
Bot.	74	189552	1		✓	✓	3192 3043	✓	✓	✓	✓		✓	✓	✓		
80	64	553	2		✓	✓	3156	✓	✓	✓	✓		✓	✓	✓		
70	58	554	3		✓	✓	3139	✓	✓	✓	✓		✓	✓	✓		
60	52	555	4		✓	✓	3096	✓	✓	✓	✓		✓	✓	✓		
50	47	556	5		✓	✓	3098	✓	✓	✓	✓		✓	✓	✓		
40	40	557	6		✓	✓	3037 2152	✓	✓	✓	✓			✓	✓		
30	28	558	7		X												
20	17	559	8		✓	✓	3162	✓	✓	✓	✓		✓	✓	✓		
10	10	560	9		✓	✓	3075	✓	✓	✓	✓		✓	✓	✓		
0		561	10														
		562	11														
		563	12														
			13														
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CAPS TIGHTENED

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CTD/Rosette cast comments:

Sample team:

Handle broken on # 6.
Spigot broken on # 7.

HCH @ 0, 10, 30 only

* 3 stns per section: north, middle and south TCO2, Alk sample 189560 after other samples

Page 1/1 ?

Page 1/2 ?

1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION: Sta 42
CAST #: D125
CAST DEPTH: 80
CTD (type/SN):
FLUOROMETER:
TRANS:

LATITUDE: 70 54.872 N
LONGITUDE: 134 04.851 W
DATE: Sept 16/97
TIME (local): 12:22 pm
TIME ZONE:

BOTTOM DEPTH: 95
ICE CONDITIONS: 0 / moderate swell
WIND SPEED: 23.8 knots
AIR TEMP: 1.2 °C
SAMPLE COP: BM

UTC: 18:22 UT

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
87		189561	1		✓	✓	3168 3065		✓	✓	✓		✓	✓	✓		
80		562	2		✓	✓	3151		✓	✓	✓		✓	✓	✓		
70		563	3		✓	✓	3161		✓	✓	✓		✓	✓	✓		
60		564	4		✓	✓	3024		✓	✓	✓		✓	✓	✓		
50		565	5		✓	✓	3130		✓	✓	✓		✓	✓	✓		
40		566	6		X	✓	3163		✓	✓	✓		✓	✓	✓		
30		567	7		✓	✓	3058		✓	✓	✓		✓	✓	✓		
20		568	8		✓	✓	3160 3115		✓	✓	✓		✓	✓	✓		
15		569	9		✓	✓	3094		✓	✓	✓		✓	✓	✓		
10		570	10		✓	✓	3114		✓	✓	✓		✓	✓	✓		
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CAPS TIGHTENED

CTD/Rosette cast comments:

Sample team: Bottle 6 leaking at top seal.
Oxygen bottle 3093 broken on sample # 189564 - resampled.
* 3 stns per section: north, middle and south Oxygen drawn twice on sample # 189563.

1997 JOIS ARCHIPELAGO SAMPLING LOG
CRUISE # 9722

5730
→ Bot # 21
P = 22
S = 30.00
250-350
30

STATION : 47
CAST #: D12°6
CAST DEPTH : 535
CTD (type/SN) : Seirola vint
FLUOROMETER : angle
TRANS : _____

LATITUDE : 71 08.930
LONGITUDE : 134 01.409
DATE : Dec 16/97
TIME (local) : 5:15 pm
TIME ZONE : _____

BOTTOM DEPTH : 556
ICE CONDITIONS : None
WIND SPEED : 13 knots
AIR TEMP : 0 °C
SAMPLE COP : BM

UTC 23:15 LT

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CHla
	530	189571	1		✓	✓	3178		✓	✓	✓		✓	✓	✓		
	500	572	2		✓	✓	3061		✓	✓	✓		✓	✓	✓		
475	450	573	3		✓	✓	3141		✓	✓	✓		✓	✓	✓		
450	400	574	4		✓	✓	3107 3156		✓	✓	✓		✓	✓	✓		
375	315	575	5		✓	✓	3082		✓	✓	✓		✓	✓	✓		
350	350	576	6		X	✓	3062		✓	✓	✓		✓	✓	✓		
325	325	577	7		✓	✓	3098 3162		✓	✓	✓		✓	✓	✓		
300	300	578	8		✓	✓	3096		✓	✓	✓		✓	✓	✓		
280	280	579	9		✓	✓	3159		✓	✓	✓		✓	✓	✓		
250	250	580	10		✓	✓	3172		✓	✓	✓		✓	✓	✓		
225	225	581	11		X	✓	3064		✓	✓	✓		✓	✓	✓		
200	200	582	12		✓	✓	3065		✓	✓	✓		✓	✓	✓		
175	175	583	13		✓	✓	3128		✓	✓	✓		✓	✓	✓		
150	150	584	14		✓	✓	3043		✓	✓	✓		✓	✓	✓		
125	125	585	15		✓	✓	3161		✓	✓	✓		✓	✓	✓		
100	100	586	16		✓	✓	3001		✓	✓	✓		✓	✓	✓		
	194	587	17		✓	✓	3142		✓	✓	✓		✓	✓	✓		
	80	588	18		✓	✓	3084		✓	✓	✓		✓	✓	✓		
	60	589	19		✓	✓	3048		✓	✓	✓		✓	✓	✓		
	40	590	20		✓	✓	3047		✓	✓	✓		✓	✓	✓		
	20	591	21		✓	✓	3108		✓	✓	✓		✓	✓	✓		
	10	592	22		✓	✓	3105		✓	✓	✓		✓	✓	✓		
	5	593	23		✓	✓	3167		✓	✓	✓		✓	✓	✓		
			24														

CAPS TIGHTENED ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

☐ ☐ ☐ ☐ ☐ ☐

CTD/Rosette cast comments:

Sample team: Bottle 6 leaks at top seal
Bottle 11 - small leak at bottom seal.

* 3 stns per section: north, middle and south

Bottle 11 - sample # 189581 resampled for oxygen (original = 3139)
Page 1/1 ? Bottle 19 - bungee almost released
Page 1/2 ? Strontium sample on bottle 21 - sample # 189591

1997 JOIS ARCHIPELAGO SAMPLING LOG CRUISE # 9722

STATION : 48
CAST # : D127
CAST DEPTH : 10
CTD (type/SN) :
FLUOROMETER :
TRANS :

LATITUDE : 70 52.573N BOTTOM DEPTH : 75m
LONGITUDE : 133 19.525W ICE CONDITIONS : none
DATE : Sept 16/97 WIND SPEED : 18 knots
TIME (local) : 8:21 pm AIR TEMP : 1.5
TIME ZONE : 22121 UTC SAMPLE COP: BM

Nom Depth	Trip Pressure	Sample #	ROS POS	BOT #	BOT integ	CFC	Oxy #	HCH *	TCO2	Alk	Ba	TOC	Nut	Salt	O-18	I-129 *	CH1a
	65	189594	1		✓								✓	✓			
	60	595	2		✓								✓	✓			
	55	596	3		✓								✓	✓			
	50	597	4		✓								✓	✓			
	40	598	5		✓								✓	✓			
	30	599	6		X								✓	✓			
	20	600	7		✓								✓	✓			
	15	601	8		✓								✓	✓			
	10	602	9		✓								✓	✓			
		603	10		✓								✓	✓			
			11														
			12														
			13														
			14														
			15														
			16														
			17														
			18														
			19														
			20														
			21														
			22														
			23														
			24														

CAPS TIGHTENED

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CTD/Rosette cast comments:

Sample team: Bottle 6 leaking at top seal.

* 3 stns per section: north, middle and south

Page 1/1 ?

Page 1/2 ?

I-129

~~TOP~~ SAMPLE LOG:

CRUISE #: 9722

[illegible]

I-129

~~HCH~~ SAMPLE LOG:

CRUISE #:

[illegible]

I-129

~~FFC~~ SAMPLE LOG:

CRUISE #: 9722

[illegible]

I-129

~~REF~~ SAMPLE LOG:

CRUISE #: 9722

[illegible]

Cs-137

~~FIG~~ SAMPLE LOG:

CRUISE #:

[illegible]

Cs-137

~~THIS~~ SAMPLE LOG:

CRUISE #:

[illegible]

Cs-137

~~HCH~~ SAMPLE LOG:

CRUISE #:

[illegible]

Pb/Sr

~~HTH~~ SAMPLE LOG:

CRUISE #: 9722

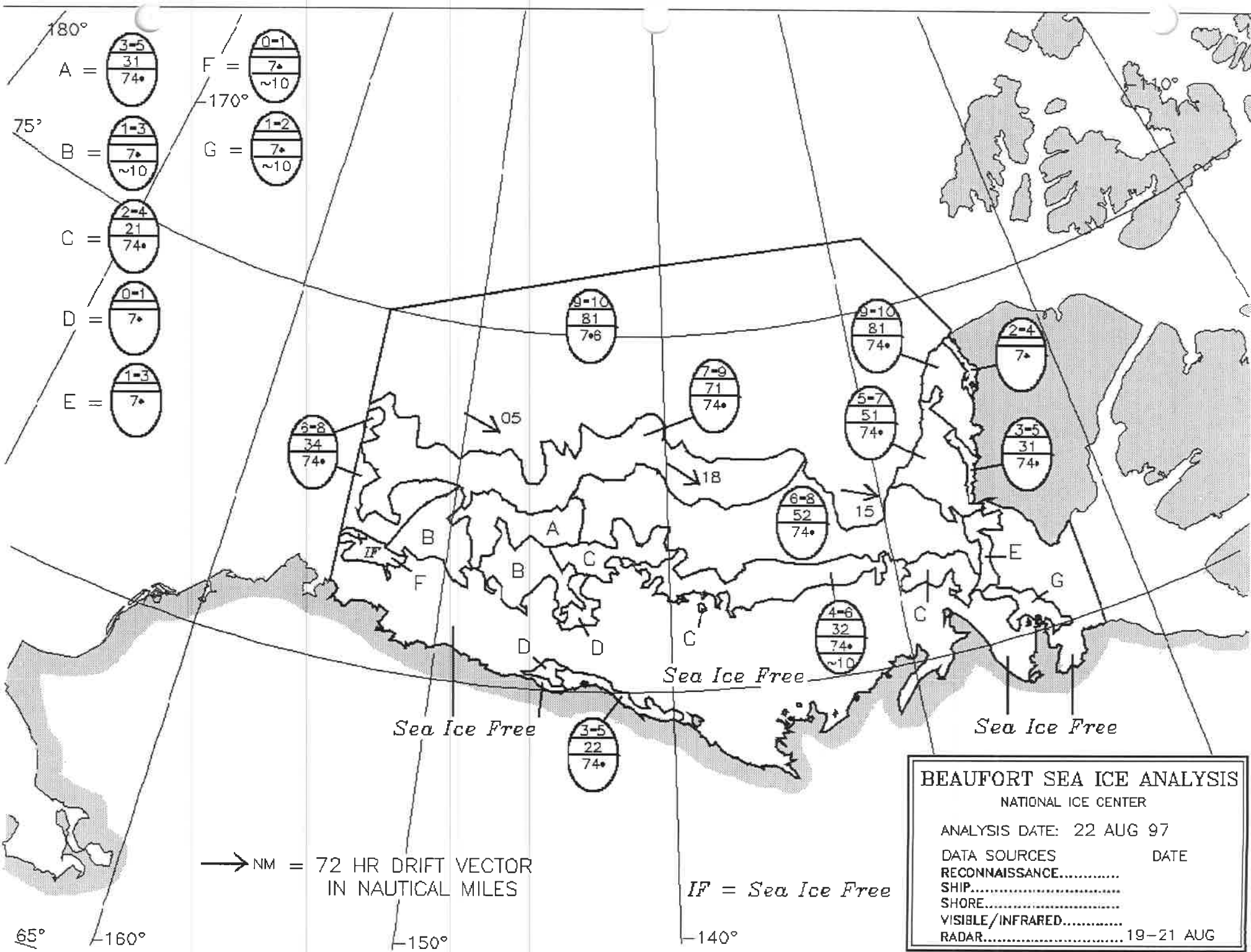
Station	Sample	Depth	Date '97	Time UTC	Volume	Volume	Comments
#	#				Extracted	CHCl ₂	
11	—	150m	Sept 2	2007			ros/bot 1
	—	150m					ros/bot 2
	—	150m					ros/bot 3
	—	150m					ros/bot 4
	—	150m					ros/bot 5
	—	150m					ros/bot 6
	—	150m					ros/bot 7
	—	150m					ros/bot 8
	—	100m					ros/bot 12
	—	100m					ros/bot 13
	—	100m					ros/bot 14
	—	100m					ros/bot 15
	—	100m					ros/bot 16
	—	100m					ros/bot 17
	—	100m					ros/bot 18
	—	100m					ros/bot 19
	—	0m	Surface pumped from foredeck				

Pb-210

~~FILE~~ SAMPLE LOG:

CRUISE #: 9722

[illegible]



BEAUFORT SEA ICE ANALYSIS
 NATIONAL ICE CENTER
 ANALYSIS DATE: 22 AUG 97
 DATA SOURCES DATE
 RECONNAISSANCE.....
 SHIP.....
 SHORE.....
 VISIBLE/INFRARED.....
 RADAR..... 19-21 AUG

FIONA

MARINE FORECASTS FOR ARCTIC WATERS ISSUED BY THE ARCTIC WEATHER
CENTRE OF ENVIRONMENT CANADA AT

4.30 PM CDT SATURDAY 30 AUGUST 1997

FOR TONIGHT AND SUNDAY WITH AN OUTLOOK FOR MONDAY.

THE NEXT SCHEDULED FORECAST WILL BE ISSUED AT 4.30 AM CDT SUNDAY.

WINDS ARE IN KNOTS.

FOG IMPLIES VISIBILITY LESS THAN 5/8 NM.

MIST IMPLIES VISIBILITY 5/8 TO 6 NM.

WEST BAFFIN.

WIND LIGHT. FLURRIES WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS LIGHT STRENGTHENING TO NORTH 15 KNOTS.

LANCASTER.

WIND SOUTHWEST 15 TO 20 KNOTS DIMINISHING LIGHT TONIGHT. FLURRIES
WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS LIGHT STRENGTHENING TO SOUTH 15.

CLARENCE.

WIND SOUTH 15 KNOTS DIMINISHING TO LIGHT BY SUNDAY EVENING. FLURRIES
WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS LIGHT.

BARROW

QUEENS.

WIND SOUTHWEST 20 KNOTS DIMINISHING TO WEST 15 TONIGHT AND TO LIGHT
SUNDAY AFTERNOON. FLURRIES WITH VISIBILITY AS LOW AS 1 NAUTICAL
MILE.

OUTLOOK FOR MONDAY..WINDS SOUTH 20.

EAST BAFFIN.

WIND LIGHT STRENGTHENING TO SOUTH 15 KNOTS TONIGHT. FLURRIES WITH
VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS NORTH 15.

JONES.

WIND SOUTHWEST 15 TO 20 KNOTS DIMINISHING TO LIGHT TONIGHT. FLURRIES
WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS LIGHT.

KANE.

WIND SOUTH 15 KNOTS STRENGTHENING TO SOUTH 20 THIS EVENING. SUNDAY
WIND SOUTH 20 DIMINISHING TO 10 TO 15 BY EVENING. OCCASIONAL SNOW
WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS LIGHT.

ADMIRALTY.

WIND SOUTHWEST 15 KNOTS DIMINISHING TO LIGHT TONIGHT AND
STRENGTHENING TO NORTH 15 BY SUNDAY EVENING. FLURRIES WITH
VISIBILITY AS LOW AS 1 NAUTICAL MILE.

OUTLOOK FOR MONDAY..WINDS LIGHT.

PEEL.

WIND WESTERLY 15 KNOTS DIMINISHING TO LIGHT THIS EVENING. WIND SUNDAY LIGHT. SCATTERED FLURRIES WITH VISIBILITY AS LOW AS 3 NAUTICAL MILES. OUTLOOK FOR MONDAY..WINDS SOUTH 20.

LARSEN.

WIND NORTHEAST 15 KNOTS DIMINISHING TO LIGHT TONIGHT. SCATTERED FLURRIES WITH VISIBILITY AS LOW AS 3 NAUTICAL MILES. OUTLOOK FOR MONDAY..WINDS SOUTH 20.

RAE

BYAM.

WIND WEST 20 KNOTS DIMINISHING TO NORTHWEST 15 TONIGHT AND TO LIGHT SUNDAY MORNING. FLURRIES WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE. OUTLOOK FOR MONDAY..WINDS SOUTHEAST 15 DIMINISHING TO LIGHT.

NORWEGIAN.

WIND SOUTH 15 KNOTS DIMINISHING TO LIGHT TONIGHT. WIND SUNDAY LIGHT. OCCASIONAL SNOW WITH VISIBILITY AS LOW AS 1 NAUTICAL MILE. OUTLOOK FOR MONDAY..WINDS SOUTH 15.

EUREKA.

WIND SOUTH 15 KNOTS DIMINISHING TO LIGHT BY NOON SUNDAY. OCCASIONAL SNOW WITH VISIBILITY AS LOW AS 1 NAUTICAL MILES. OUTLOOK FOR MONDAY..WINDS LIGHT.

MARINE FORECASTS FOR ARCTIC WATERS ISSUED BY THE ARCTIC WEATHER
CENTRE OF ENVIRONMENT CANADA AT

4.30 PM CDT THURSDAY 28 AUGUST 1997

FOR TONIGHT AND FRIDAY WITH AN OUTLOOK FOR SATURDAY.

THE NEXT SCHEDULED FORECAST WILL BE ISSUED AT 4.30 AM CDT FRIDAY.

WINDS ARE IN KNOTS. FOG IMPLIES VISIBILITY LESS THAN 5/8 NAUTICAL
MILES. MIST IMPLIES VISIBILITY 5/8 TO 6 NAUTICAL MILES.

WEST BAFFIN.

FREEZING SPRAY WARNING ISSUED.

GALE WARNING ENDED.

WIND NORTHWEST 30 KNOTS DIMINISHING TO WEST WIND 30 FRIDAY MORNING.

VISIBILITY AS LOW AS 1 NAUTICAL MILES IN SNOW.

OUTLOOK FOR SATURDAY..WIND LIGHT.

LANCASTER

JONES.

FREEZING SPRAY WARNING CONTINUED.

GALE WARNING ENDED.

NORTHWEST WIND 30 KNOTS DIMINISHING TO WEST WIND 20 FRIDAY EVENING.

FREEZING SPRAY. VISIBILITY AS LOW AS 1 NAUTICAL MILES IN SNOW.

OUTLOOK FOR SATURDAY..WIND LIGHT.

BARROW

QUEENS.

FREEZING SPRAY WARNING CONTINUED.

WIND NORTHWEST 25 KNOTS SHIFTING TO WESTERLY 20 FRIDAY AFTERNOON.

VISIBILITY AS LOW AS 1 NAUTICAL MILES IN SNOW.

OUTLOOK FOR SATURDAY..WIND LIGHT.

EAST BAFFIN.

WIND SOUTHWEST 25 KNOTS VEERING TO WESTERLY 20 FRIDAY MORNING.

VISIBILITY AS LOW AS 2 NAUTICAL MILES IN SNOW WET SNOW.

OUTLOOK FOR SATURDAY..WIND SOUTH 20.

CLARENCE.

WIND NORTHWEST 20 KNOTS. VISIBILITY AS LOW AS 2 NAUTICAL MILES IN
SNOW.

OUTLOOK FOR SATURDAY..WIND LIGHT.

KANE.

WIND NORTHEAST 20 KNOTS DIMINISHING TO LIGHT FRIDAY AFTERNOON.

VISIBILITY AS LOW AS 2 NAUTICAL MILES IN LIGHT SNOW.

OUTLOOK FOR SATURDAY..WIND LIGHT.

ADMIRALTY.

FREEZING SPRAY WARNING ENDED.

WIND WESTERLY 20 KNOTS. VISIBILITY AS LOW AS 1 NAUTICAL MILES IN
SNOW.

OUTLOOK FOR SATURDAY..WIND EAST 15.

PEEL.

WIND NORTHERLY 15 KNOTS DIMINISHING TO LIGHT FRIDAY MORNING.
SCATTERED FLURRIES WITH VISIBILITY AS LOW AS 2 NAUTICAL MILES.
OUTLOOK FOR SATURDAY..WIND NORTHERLY 15.

LARSEN.

WIND LIGHT STRENGTHENING TO NORTHEAST 15 KNOTS FRIDAY EVENING.
SCATTERED FLURRIES WITH VISIBILITY AS LOW AS 2 NAUTICAL MILES.
OUTLOOK FOR SATURDAY..WIND NORTHEAST 25.

RAE

BYAM.

FREEZING SPRAY WARNING ENDED.

WIND NORTHWEST 20 KNOTS DIMINISHING TO WEST 15 NEAR NOON FRIDAY.
SCATTERED FLURRIES WITH VISIBILITY AS LOW AS 2 NAUTICAL MILES.
OUTLOOK FOR SATURDAY..WIND LIGHT.

NORWEGIAN

EUREKA.

WIND NORTHERLY 20 KNOTS DIMINISHING TO LIGHT FRIDAY MORNING.
SCATTERED FLURRIES WITH VISIBILITY AS LOW AS 2 NAUTICAL MILES.
OUTLOOK FOR SATURDAY..WIND LIGHT.

END/EH/LGS

Sampling Stations

Sunday August 31 1997

Station #	Time Incubator	Lat Long	Depth metres	Time Out UTC	Time Lat	Lat Long	Depth metres
1.	13:14 Z	74°40.1'N, 93°21.6'W	101 metres	13:23 UTC		74°40.22'N 93°21.39'W	103 metres
Rosette			Ship Draft Included				
2	14:58 Z	74°41.03'N 93°00.51'W	140 metres	15:12 UTC		74°41.07'N 92°59.9'W	139 metres
Rosette							
ADJ 3	1903 CTD	74°40.1'N 92°18.9'W	125 m	1909 UTC		74°40.1'N 92°18.5'W	125 m
4	2017 Rosette	74°41.8'N 91°57.1'W	99m	2030 UTC		74°41.7'N 91°56.5'W	99m
4	Boat 20:51	74°41.5'N 91°55.9'W	99m	2057 UTC		74°41.46'N 91°55.6'W	99m
4	Rup 20:50 20:50 UTC	74°41.5'N 91°55.9'W	99m	2152 UTC		74°40.7'N 91°54.1'W	100m
4	Grab 2152 UTC	74°40.7'N 91°54.1'W	100m	2159 UTC		74°40.6'N 91°53.9'W	101
Monday September 1/97							
5	13:57 UTC Rosette	74°41.25'N 92°14.40'W	97m	14:12 UTC		74°41.27'N 92°13.89'W	95m
5	14:40Z 14:43Z BSO MED	74°41.58'N 92°14.19'W	94m 92m	14:44 UTC		74°41.5'N 92°14.41'W	93m
6	16:29 UTC Micro CTD	74°36.78'N 92°14.97'W	147m	16:40 UTC		74°36.74'N 92°15.01'W	147m
6	Recast 16:51 Z Micro CTD	74°36.76'N 92°14.86'W	148m	17:00 UTC		74°36.78'N 92°14.9'W	148
6	16:57 UTC YoYo	74°36.78'N 92°14.9'W					
7	1832	74°29.3'N 92°28.3'W	222m	1839 UTC		74°29.4' 92°28.2'W	216m
AT 8	1909 Filling	WPT 120 74°29.8' 92°25.6'	210m				

* Do Not Throw out !!

Station Number	Time In / Activity	Lat. / Long	Depth	Time Out	Lat / Long	Depth
#11	1809 BONGO-NET	74° 14.8' N 93° 30.1' W	170	1823	74° 14.6' N 93° 28.4' W	170
#11	1830 BONGO #2	74° 14.6' N 93° 28.3' W	170	1836	SAME	170
#11	1840 BONGO #3	74° 14.5' N 93° 28.2' W	171	1846	SAME	170
	1858			1910	74° 14.3' N	
#11	LARGE NISKIN	74° 14.5' N 93° 28.3' W	171		94° 28.3' W	170
	1914			1928		
#11	LARGE NISKIN	74° 14.2' 93° 28.0'	170	LARGE NISKIN	SAME	170
	1932					
#11	SONAR	74° 14.2' 93° 27.8'	171	1942	SAME	170
	1946					
#11	CTD (ROSETTE)	74° 14.0' 93° 27.6'	170	2006	74° 13.8' N 93° 24.2' W	170
	2015					
#11	#1 VAN-VEEN	74° 13.8' 93° 23.1' W	170	2019	74° 13.7' N 93° 21.8' W	170
#11	2040	74° 13.5' N 93° 21.6' W	170	2048	74° 13.5' N 93° 21.5' W	170
	VAN-VEEN					
#12	2215 RoseTte	74° 12.3' N (on bottom) 93° 32.8' W	139m	2228 out of water	74° 12.3' N 93° 32.6' W	134
#12	2238 Camera	74° 12.2' N 93° 32.0' W	137m	2308	74° 12.2' N 93° 30.1' W	137

Wednesday September 3/97

#13	14:33 UTC RoseTte	74° 18.08' N 96° 17.57' W	179m	14:51 UTC	74° 14.97' N 96° 16.73' W	178m
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* Do Not Throw Out !!

Station Number	Time In Activity	Lat Long	Depth Meters	Time Out	Lat Long	Depth metres	Remarks
STN #14	CTD	74° 53.1' N	175'	CTD	74 52.9	176	
	2029	97 20.2 W		2046	97 20.3		
#14	Box Core	74° 48.8' N	272		74° 48.8' N	273	
	2200	97° 11.1' W	on bottom	2200	97° 11' W		
14	Piston Core	74° 48.0' N	267	0040	74° 48' N	267	
	0035	97° 06.0' W	on bottom		97° 05.8' W		
Dep 4		7					Remote acoustic
	1430	{ 74 52.9 N 99 22.4 W		1446	74. 52.9 N 99 22.0 W	49 m	side scan sonar
	1449	74. 44.9 99 57.5	ICE STN.	AWAY TEAM CC 361 + 4			Remote acoustic
	1429						
#16	2229	75° 02.0' N	207 M	2244	75° 02.2' N	209 M	
	Rosette	100° 50.0' W			100° 50.3' W		
#17	2326 Z	75° 01.3' N	171 m	2332	75° 01.9' N	172 M	
	Micro CTD	101° 10.6' W			101° 10.6' W		
18	0022 Z	75° 01.8' N	95 M	0025 Z	75° 01.8' N	95 M	
	Micro CTD	101° 35.8' W			101° 35.8' W		
#19	01:14 UTC	75° 01.8' N	139 M	01:25 UTC	75° 02.2' N	149 m	
	01:14 UTC	75° 01.8' N	139 M				
	Rosette	102° 00.9' W	141 M		101° 59.9' W		
#19	01:27 UTC	75° 02.1' N	149 m	02:23	75° 02.3' N	158 M	
	BAC	102° 01.3' W			102° 01.3' W		

* Do Not Throw Out !!

Station #	Time In Activity	Lat/Long	Depth m	Time Out	Lat/Long	Depth	Remarks
20 Friday Sept 4/97	03:01 UTC Micro CTD (Friday 5/97)	75°01.9'N 102°25.8'W 102°25.8'W	139 m	03:12 UTC	75°02.1'N 102°25.8'W	138 m	
21 Friday, Sept 5/97	13:11 UTC Micro CTD	Lat. 75°05.1'N Long 102°54.9'W	112 m	13:20 UTC	75°05'N 102°55'W	110 m	
21 Friday Sept 5/97	13:21 UTC Side Scan Sonar	75°05.3'N 102°55.18'W	110 m	13:45 UTC	75°05.4'N 102°55' 102°55.2'W	111 m	
22 Fri. Sept. 5/97	14:32 UTC 14:30 UTC Rosette	75°05.9'N 103°15.6'W	162 m	A.M. 14:46 UTC	75°06.1'N 103°15.6'W	170 m	
22 Friday Sept 5/97	14:30 UTC BIOM 15:01 UTC	75°06.0'N 103°15.6'W	170 m	15:20 UTC	75°06.1'N 103°15.6'W	191 m	
22 Friday Sept 5/97	15:32 UTC OC Surf	75°06.1'N 103°16.1'W	199 m	16:45 UTC	75°06.4'N 103°16.4'W	212 m	
23	1823 ROSETTE	75°06.2'N 103°27.2'W	146 m	1840 ROSETTE	75°06.2'N 103°27.6'W	151 m	
23	1900 TRAWL	75°06.12'N 103°27.68'W	150 m	1925 TRAWL	75°05.44'N 103°28.81'W	116 m	
24	Rosette 2319	74°40.6'N 104°05.5'W	201 m	2339	74°40.5'N 104°05.0'W	202 m	
24	Big Nets 2345	74°40.5'N 104°04.9'W	201 m	06/0000	74°40.4'N 104°04.8'W	201 m	
24 Sept 6	Box Core 06/0042	74°40.1'N 104°04.7'W	199 m	06/0103	74°40.1'N 104°04.8'W	202 m	
24	camera 06/01:14 UTC	74°40.0'N 104°04.3'W	207 m 203 m	06/2:20 UTC	74°39.6'N 104°03.7'W	206 m	

* Do Not Throw Out !!

Station #	Time In (Activity)	Lat Long	Depth	Time Out	Lat Long	Depth	Remarks
25 Saturday Sept. 6/97	13:21 UTC Rosette	75°07.1'N 105°00.4'W	101m	13:45	75°06.4'N 105°00.1'W	97m	
26 Saturday Sept 6/97	14:19 UTC Micro CTD	75°05.9'N 105°10.7'W	223 m	14:28 UTC	75°05.9'N 105°10.8'W	225 m	
27 Sept 6/97	15:00 UTC Bio M	75°04.9'N 105°25.1'W	242 m	15:25 UTC	75°04.4'N 105°24.05'W	256 m	
27 Sept 6/97	15:37 UTC OC Surf	75°04.4'N 105°24.2'W	252 m	16:34 UTC	75°03.5'N 105°25.2'W	224 m	1st. Dip.
27	15:37 UTC	75°03.4'N 105°25.3'W	221 m	16:44 UTC	75°03.3'N 105°25.4'W	224 m	2nd. Dip
27	16:54 UTC Rosette	75°03.2'N 105°25.5'W	217 m	17:11	75°03.02'N 105°25.3'W	225 m	
27	18:22 Box Core	75°04.0'N 105°20.8'W	258 m	18:34	75°03.8'N 105°20.8'W	256 m	
	Piston	75°03.8'N 105°20.6'W	250	19:59	76°03.7'N 105°20.7'W	250 m	
28	19:49 Micro CTD	ON Bottom 75°04.0'N 105°40.3'W		21:09	75°03.9'N 105°40.4'W	138m	
29	Rosette	75°04'N 105°50.0'W	97m	21:43	75°03.8'N 108°50.2'W	89m	
30 Sunday Sept. 7/97	13:22 UTC Rosette	74°55.1'N 108°40.9'W	130 m 140 m	13:37 UTC	74°54.8'N 108°40.2'W	137 m	
31 Sunday Sept. 7/97	14:37 UTC Micro CTD	74°48.4'N 108°48.8'W	86 m	13:44 UTC	74°48.5'N 108°49.0'W	78 m	
31 Sunday Sept. 7/97	15:09 UTC Fishing	74°46.6'N 108°51.7'W	162 m				Target #2 on Stbd. Radar
32 Sunday Sept. 7/97	15:35 UTC Rosette	74°45.6'N 108°55.6'W	155 m	15:50 UTC	74°45.7'N 108°55.8'W	152 m	

#103 Rick Crawford

Station #	Time In UTC	Lat/Long	Depth	Time Out UTC	Lat/Long	Depth	Remarks
32	15:38 UTC Oc Surf	74° 45.6' N 108° 55.6' W	155m 155m	16:46 UTC	74° 45.7' N 108° 55.7' W	142m 141m	RECOVERED
32	Trawl 1835	74° 46.1' N 108° 51.9' W	160m	RECOVERED		INTACT.	
33	Rosette 21:45	74° 36.9' N 109° 00.4' W	274m	2207	74° 36.2' N 109° 00.1' W	274m	
34	Box Core Monday Sept 8/97	74° 21.6' N 109° 08.5' W					
34	Bio Mags 01:07 UTC Mon Sept 8/97	74° 21.6' N 109° 08.5' W	449m	01:31 UTC	74° 21.6' N 109° 08.17' W	448m	
34	13:17 UTC Mon Sept 8/97	74° 22.5' N 109° 04.48' W	429m	13:46 UTC	74° 22.5' N 109° 04.7' W	428m	
34	Rosette 13:55	74° 22.5' N 109° 04.8' W	429m	14:23 UTC	74° 22.5' N 109° 05.02' W	427m	1st Dip
34	Box Core 14:30 UTC Mon Sept 18/97	74° 22.6' N 109° 05.08' W	428m	15:01 UTC	74° 22.7' N 109° 05.2' W	429m	2nd Dip
34	16:26 UTC Mon Sept 8/97	74° 22.8' N 109° 04.2' W	427m	1720 P-CORE	74° 23.0' N 109° 04.1' W	429m	RECOVERED INTACT
34	1750 SONAR	74° 23.07' N 109° 03.9' W	425m	1844	74° 23.2' N 109° 03.4' W	424m	RE
Site #5	13:00 Sunday Sept 14/97	73° 27' N 126° 36.1' W	Range 240m	(mount to Port Side)			
Site #5	14:00:23 Sunday Sept 14/97	73° 26.98' N 126° 35.81' W	108m	14:35 UTC	74° 26.9' N 126° 35.8' W	109m	
#5	15:02 UTC Sun Sept 14/97	73° 26.87' N 126° 35.6' W	91m	14:12 UTC	73° 26.86' N 126° 35.7' W	91m	
Water Sample	15:18 UTC Sun Sept 14/97	73° 26' N 126° 35.7' W	91m	15:22 UTC	73° 26.8' N 126° 35.7' W	108m	

not throw out !!

OUT

IN

STATION/EVENT	UTCT	LAT/LONG	DEPTH	EVENT	LAT/LONG	DEPTH	UTC
CTD #43	70° 56.9'N	2030	103	CTD	70° 57.0'N	103	2040Z
REPEAT	134 01.5W	UTC	m	Q #43	134 01.9'W	m	
#45	70° 02.6'N	2118	324	#43	70° 02.5'N	325 m	2123
MICRO CTD	134 00.6W	UTC	m	CTD	134 00.6W		Z
#46	71° 05.4'N	2200Z	388m	#46	71° 05.5'N	386	203Z
MICRO CTD	133° 59.1'				133° 59.3W		
#47	71° 09.1'	2235L	82	#47	71° 09.0'N	324	2320Z
Rosette	133° 59'				134° 01.3'W		
Net	71° 02.4'N	16/0048Z	184m	Net	71° 01.9'N	137m	16/0127
Tow	133° 34.1W		net depth 15m	out of water	133° 31.3W		
#48	70° 58.9'N	02:04 UTC	74 m	Rosette	70° 58.85'N	74m	02:20 UTC
Rosette	133° 18.2'W				133° 19.34'W		Wed. Sept 19/97
#49	70° 56.96'N	02:55 UTC	86 m		70° 56.92'N	87 m	02:57 UTC
CTD	133° 35.21'W	(Wed. Sept 17/97)			133° 35.45'W		Wed. Sept 17/97
Site #1	70° 20.17'N	14:57 UTC	57m M	Placed Mooring	70° 19.96'N	58m	03:11 UTC
1st Mooring	133° 42.31'W	(Retrieve Mooring)			133° 41.53'W		Thurs Sept 18/97
Site #1	70° 20.06'N	15:40 UTC	57 M	Placed Mooring	70° 20.00'N	58 M	02:50 UTC
2nd Mooring	133° 42.43'W		(Retrieve Mooring)		133° 41.70'W		Thurs Sept 18/97
Micro CTD	70° 20.06'N	16:13 UTC	56 M	Micro CTD	70° 20.11'N	55 M	16:18 UTC
	133° 44.89'W				133° 44.39'W		
	70° 20.92'N	17:08 UTC	54 M	Box Core	70° 20.9'N	54 M	17:15 UTC
Box Core	133° 45.88'W				133° 44.2'W		
GRAVITY	70° 23.1'N	1921	54 m	GRAVITY	70° 23.1'N	54 m	1933
CORE	133 56.9'W	UTC			133 52.6'W		UTC

** Do Not Throw out!!*

Station #	Time In UTC	Lat/Long	Depth	Time Out UTC	Lat/Long	Depth	Remarks
Site # 5	15:35 UTC	73°26.7'N	108 m	15:46 UTC	73°26.7'N		
Sunday Sept 14/97		126°35.6'W			126°35.4'W	110 m	
Site 5B	2317Z	74°09.1'N	92M	2324Z	74°09.1'N	92M	Rosette
14/09/97		125°54.5'W			125°54.5'W		
Mooring SB	2348Z	74°09.1'N	88M	0011	74°09.086'N	86M	
14/09/97	OverSide	125°54.3'		15/09/97	125°54.235'W		Placed Position
Mooring # 5	UTC	74°27.0'N	107M				
15/09/97		126°35.0'	(Not recovered)				
Station # 38	14:53 UTC	70°56.76'N	78m	Wed Sept 17/97	70°56.6'N	80 M	1st mooring
Tuesday Sept. 16/97		133°41.85'W	(Retrieve)	04:45 UTC	133°41.8'W		Placed mooring
Station # 38	15:09 UTC	70°56.45'N		Wed. Sept 17/97	70°56.54'N	80 M	2nd mooring
Tue. Sept. 16/97	Recovered	133°41.3'	82 m	04:22	133°41.4'W		Placed Mooring
Station # 38	15:46 UTC	70°56.5'N		15:59 UTC	70°56.37'N		
Tues. Sept. 16/97	ROSETTE	133°41.58'W	82 m		133°41.8'W	82 M	
Station # 38	16:30 UTC	70°56.4'N			70°56.43'N	70 M	03:20 UTC
Tues. Sept. 16/97	(Long Line)	133°43.82'W	81 m		133°43.82'W		Recovered Line
Station # 39	16:47 UTC	70°55.90'N	133°44.86'W	16:51 UTC	70°55.94'N		
Tues. Sept. 16/97	Micro CTD	133°44.83'W	80 M		133°44.9'W	79 m	
Station # 40	17:15 UTC	70°55.4'N		17:21 UTC	70°55.5'N		
Tues. Sept. 16/97	Micro CTD	133°52.1'W	86 m		133°52.4'W	86 m	
Station # 41	17:40 UTC	70°55.04'N		17:47 UTC	70°55.03'N	78 m	
Tues. Sept. 16/97	Micro CTD	133°58.0'W	79 m		133°58.1'W		
Station # 42	18:10 UTC	70°55.03'N	96 m	18:25 UTC	70°54.8'N	93 m	
Tues. Sept. 16/97	ROSETTE	133°04.6'W			134°05.6'W		
STN # 43	1929Z	70°57.1'N	105 m	1935	70°51.03'N	106 m	CTD
	CTD micro	134°01.4'W			134°02.3'W		Recovered
STN # 44	1954Z	70°59.2'N	214 m				
	micro CTD	134°00.7'W					

* Do Not throw out