

Error
3906

ARCTIC 1996 SAMPLING LOG

STATION: AM10

CAST #: 1

DATE: 15 SEP 96

TIME: 10:00 (15:00 UTC)

CTD (type/SN): ICTD 1329 + MCTD

FLUOROMETER:

LATITUDE: 70° 33' 13" N 32.67° N

LONGITUDE: 136° 52' 40" W 55.84° W

CAST DEPTH: 828 m

BOTTOM DEPTH: 830 m

NISK#

OXY
CORR

NISK#

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
869	869	1	1✓		3122	24							
840			2✓		3118	23							
800		21	3*		3063	22							
700		20	4✓		3035	20							
600		19	5✓		3067	19							
500		18	6✓		3094	18							
450		17	7✓		3163	17							
400		16	8✓		3069	16							
350		15	9✓		3048	15							
300		14	10✓		3098	14							
275		13	11✓		3108	13							
250		12	12✓		3168	12							
225		11	13✓		3089	11							
200		10	14✓		3092	10							
175		9	15✓		3107	9							
150	does 152	8	16✓		3109	8							
125	" 127	7	17✓		3112	7							
100	" 102	6	18✓		3110	6							
80	82	5	19✓		3024	5							
60	62	4	20✓		3079	4							
40			21										
40	42	3	22✓	21	3115	3							
10.20	22	2	23✓	22	3114	2							
02	22	1	24✓	23	3023	1							

4 NO confirm

to be
explained

no wire angle
bridge 905

ARCTIC 1996 SAMPLING LOG

STATION: AM10

CAST #: 1

DATE: 15 Sept 96

TIME: 1000 (1500 UTC)

CTD (type/SN): 1CTD 1329 + MCTD

FLUOROMETER:

LATITUDE: 70° 32.67 N

LONGITUDE: 136° 55.54 W

CAST DEPTH:

BOTTOM DEPTH: >870 m

drying off slope

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
869		23	1	1	3023				1223		*Very low	N+P	
840		22	2	2	3114				1222				
800		21	3	3	3115				1221				
700		20	4	4	3079				1220				
600		19	5	5	3024				1219				
500		18	6	6	3110				1218				
450		17	7	7	3112				1217				
400		16	8	8	3109				1216				
350		15	9	9	3107				1215				
300		14	10	10	3092				1214				
275		13	11	11	3089				1213				
250		12	12	12	3168				1212				
225		11	13	13	3108				1211				
200		10	14	14	3098				1209				
175		9	15	15	3048				1210		NO ₂ max.		
152		8	16	16	3069				1208				
127		7	17	17	3163				1207		Si max	/PO ₄ max	
102		6	18	18	3094				1206				
82		5	19	19	3067				1205				
62		4	20	20	3035	↓	↓	↓	1204				
			21										
42		3	22	22	3063				1203				
22		2	23	23	3118				1202				
2		1	24	24	3122	↓	↓	↓	1201				

* 23

*

Le: Reate not set to start at 1 but at #2.

may need to invert data column bottom to top.

ARCTIC 1996 SAMPLING LOG

70 31.83. / 1

STATION: Amo 1

LATITUDE: 70 31.77

CAST #: 1

LONGITUDE: 139 58.43

DATE: Sept 16/96

CAST DEPTH:

TIME: 1030 - 11:10

BOTTOM DEPTH: 719

CTD (type/SN):

FLUOROMETER:

☒ dup. sample

CTD
Press

30
373
349
325

127
102
77
52
42
32.6

22
12.6
3

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
711		46	✓1	1	3137	✓	✓	✓	1232		✓	✓	✓
700		45	✓2	2	3144	✓	✓	✓	1231		✓	✓	✓
600		44	✓3	3	3051	✓	✓	✓	1230		✓	✓	✓
500		43	✓4	4	3119	✓	✓	✓	1229		✓	✓	✓
450		42	✓5	5	3169	✓	✓	✓	1228		✓	✓	✓
400		41	✓6	6	3126	✓	✓	✓	1227		✓	✓	✓
375		40	✓7	7	3149	✓	✓	✓	1226		✓	✓	✓
350		39	✓8	8	3121	✓	✓	✓	1225		✓	✓	✓
325		38	✓9	9	3128	✓	✓	✓	1224		✓	✓	✓
300		37	✓10	10	3131	✓	✓	✓	1241		✓	✓	✓
250		36	✓11	11	3129	✓	✓	✓	1240		✓	✓	✓
200		35	✓12	12	3081	✓	✓	✓	1239		✓	✓	✓
175		34	✓13	13	3130	✓	✓	✓	1238		✓	✓	✓
150		33	✓14	14	3136	✓	✓	✓	1237		✓	✓	✓
125		32	✓15	15	3074	✓	✓	✓	1236		✓	✓	✓
100		31	✓16	16	3143	✓	✓	✓	1235		✓	✓	✓
75		30	✓17	17	3072	✓	✓	✓	1233		✓	✓	✓
50		29	✓18	18	3142	✓	✓	✓	1234		✓	✓	✓
40		28	✓19	19	3113	✓	✓	✓	1246		✓	✓	✓
30		27	✓20	20	3124	✓	✓	✓	1245		✓	✓	✓
			✓21										
20		26	✓22	22	3132	✓	✓	✓	1244		✓	✓	✓
10		25	✓23	23	3105	✓	✓	✓	1243		✓	✓	✓
2		24	✓24	24	3148	✓	✓	✓	1242		✓	✓	✓

→ 46 1 etc.
→ 45 2

Note. Rosette position #3 = #1. probably rosette not
ie "horrad"
to above

ARCTIC 1996 SAMPLING LOG

STATION: MC05

LATITUDE: 70° 26.56

CAST #: #1

LONGITUDE: 140° 11.29

DATE: Sept 17/96

CAST DEPTH: 520

TIME: 1415

BOTTOM DEPTH: 525

CTD (type/SN): ICTD + MCTD 1534

FLUOROMETER: yes

transmissometer: L

DUP = ☒

ICTD #1329

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	O ₂ Flask TRIT TCO ₂	#S ALK	Rate Rate
520	bottom	69	✓1	1	3137	✓	✓	✓	✓	3137		1272
500		68	✓2	2	✓	✓	✓	✓	✓	3144		1271 ¹²⁷¹
450		67	✓3	3						3051		1269
400		66	✓4	4						3119		1268
350		65	✓5	5						3169		1267
300		64	✓6	6						3126		1266
275		63	✓7	7						3144		1265
250		62	✓8	8	✓	✓	✓	✓	✓	3121		1264 ¹²⁶⁴
225		61	✓9	9						3128		1262
200		60	✓10	10						3131		1261
175		59	✓11	11						3129		1260
150		58	✓12	12						3081		1259
125		57	✓13	13						3130		1258
100		56	✓14	14						3130		1257
80		55	✓15	15						3074		1256
60		54	✓16	16						3143		1255
40		53	✓17	17						3072		1254
30		52	✓18	18						3142		1253
20		51	✓19	19						3113		1252
15		50	✓20	20	✓	✓	✓	✓	✓	3124		1251 ¹²⁵¹
			21									
10		49	✓22	22						3132		1249
5		48	✓23	23						3105		1248
2	stc	47	✓24	24	✓	✓	✓	✓	✓	3148		1247

ARCTIC 1996 SAMPLING LOG

STATION: MC06

LATITUDE: 70° 17.73 N

CAST #: #1

LONGITUDE: 140° 30.13 W

DATE: Sept 17

CAST DEPTH: 200 m

TIME: 1800 / (0000 Z)

BOTTOM DEPTH: 204 m

CTD (type/SN): CTD 1329 + MCTD 1534

FLUOROMETER: L

trans L

Dup ☒

O₂ #5

	NOM DEPTH	BOT TRIP PRESS.	SMP #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
200	200	200	92	✓1	1			✓	✓	1296		3093		
180	180	180	91	✓2	2					1295		3023		
160	160	160	90	✓3	3					1294		3114		
140	140	140	89	✓4	4					1293		3115		
120	120	120	88	✓5	5					1292		3079		
100	100	100	87	✓6	6			✓	✓	1291	1290	3024 / 3110		
90	90	90	86	✓7	7					1289		3112		
80	80	80	85	✓8	8					1288		3109		
70	70	70	84	✓9	9					1287		3107		
60	60	60	83	✓10	10					1286		3092		
55	55	55	82	✓11	11					1285		3089		
50	50	50	81	✓12	12					1284		3168		
45	45	45	80	✓13	13					1283		3108		
40	40	40	79	✓14	14					1282		3098		
35	35	35	78	✓15	15					1281		3048		
30	30	30	77	✓16	16					1280		3069		
25	25	25	76	✓17	17					1279		3163		
20	20	20	75	✓18	18					1278		3094		
15	15	15	74	✓19	19					1277		3067		
10	10	10	73	✓20	20					1276		3035		
				21										
	10	10	72	✓22	22					1275		3063		
	5	5	71	✓23	23					1274		3118		
	0	0	70	✓24	24					1273		3122		

Labels.

✓ 1111 ✓ ✓

& 17 Spigot broken.

9631

ARCTIC 1996 SAMPLING LOG

STATION: MC07LATITUDE: 70 18.02CAST #: #1LONGITUDE: 140 47.67DATE: Sept 18/96CAST DEPTH: 105TIME: 0800BOTTOM DEPTH: 102 mrockCTD (type/SN): ICTD 1329 + MCTD 1534FLUOROMETER: ✓transmiss: ✓

Duplicate at bottle 14

✓ ✓ ✓ ✓ ✓

O₂

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	N #
108		115	✓1	1					1297				3137
108		114	✓2	2					1298				3144
90		113	✓3	3					1299				3051
95		112	✓4	4					1300				3119
90	93	111	✓5	5					1301				3169
85		110	✓6	6					1302				3126
80		109	✓7	7					1303				3133
70		108	✓8	8					1304				3121
75		107	✓9	9					1305				3128
65		106	✓10	10					1306				3131
60		105	✓11	11					1307				3129
55		104	✓12	12					1308				3081
50		103	✓13	13					1309				3130
45		102	✓14	14					1310 1311				3136
40		101	✓15	15					1312				3074
35		100	✓16	16					1313				3143
30	*1050	99	✓17	17					1314				3072
25		98	✓18	18					1315				3142
20		97	✓19	19					1316				3113
15		96	✓20	20					1317				3124
			21		NO				BOTTLE				
10		95	✓22	22					1318				3132
5		94	✓23	23					1319				3105
2 surf		93	24	24					1320				3148

ARCTIC 1996 SAMPLING LOG

STATION: WIC 08

CAST #: #1

DATE: Sept 18 / 96

TIME: 1055

CTD (type/SN): CTD 10070

FLUOROMETER: L

LATITUDE: 70° 14.35'

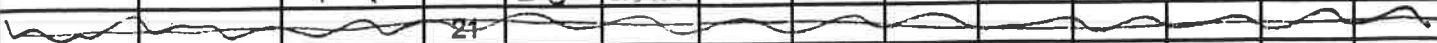
LONGITUDE: 140° 42.64'

CAST DEPTH:

BOTTOM DEPTH:

#116-138

DUP ☒ = NISK 7

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
40		138	✓1	1	3046				13210				
41	44	137	✓2	2	3179				13222				
42	45	136	✓3	3	3161				13223				
43	42	135	✓4	4	3175				13224				
44	5	134	✓5	5	3173	18			13225				
45		133	✓6	6	31166	20.54			13226				
46		132	✓7	7	✓	✓	✓	✓	13227				
47		131	✓8	8	3159				13228				
48		130	✓9	9	3061				1330				
49		129	✓10	10	3057				1331				
50		128	✓11	11	3156				1332				
51		127	✓12	12	3165				1333				
52		126	✓13	13	3172				1334				
53		125	✓14	14	3155				1335				
54		124	✓15	15	3046				1336				
55		123	✓16	16	3171				1337				
56		122	✓17	17	3043				1338				
57		121	✓18	18	3177				1339				
58		120	✓19	19	3164				1340				
59		119	✓20	20	3001				1341				
													
60		118	✓22	22	3160				1341				
61		117	✓23	23	3170				1342				
62		116	24	24	3157				1343				

ARCTIC 1996 SAMPLING LOG

STATION: MC10

CAST #: 41

DATE: Sept 18/96

TIME : 1530

CTD (type/SN) : _____

FLUOROMETER : _____

LATITUDE: 69 49.74

LONGITUDE: 140 53.71.

CAST DEPTH: 27

BOTTOM DEPTH : 27 from wench
34 from bridge

22
20
18
16
14
12
10
8
6
4

ARCTIC 1996 SAMPLING LOG

STATION: MC15

LATITUDE: 70° 24.14

CAST #: #1

LONGITUDE: 139° 39.62

DATE: Sept 19/96

CAST DEPTH: 621

TIME: 2020 UTC / 1420

BOTTOM DEPTH: 628

CTD (type/SN): ICTD + MCTD

FLUOROMETER: ✓

transmittance ✓

DUP = #12

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
621		173	1	✓1	3096				1357				
600		172	2	✓2	3179				1358				
500		171	3	✓3	3161				1359				
450		170	4	✓4	3175				1360				
400		169	5	✓5	3173				1361				
375		168	6	✓6	3166				1362				
350		167	7	✓7	3178				1363				
325		166	8	✓8	3037				1364				
300		165	9	✓9	3159				1365				
275		164	10	✓10	3061				1366				
250		163	11	✓11	3057				1367				
225		162	12	✓12	3156 3165				1368 1380				
200		161	13	✓13	3172				1369				
175		160	14	✓14	3155				1370				
150		159	15	✓15	3046				1371				
125		158	16	✓16	3171				1372				
100		157	17	✓17	3043				1373				
75		156	18	✓18	3177				1374				
50		155	19	✓19	3164				1375				
25		154	20	✓20	3001				1376				
10		153	22	✓22	3160				1377				
5		152	23	✓23	3170				1378				
2-met		151	24	24	3152				1379				

send a P
log sheet
look to
know.

ARCTIC 1996 SAMPLING LOG

STATION: CM 3

LATITUDE: 69° 53.90

CAST #: #1

LONGITUDE: 138° 23.82

DATE: Sept 20/96

CAST DEPTH: 214 m

TIME: 1242 - 2007

BOTTOM DEPTH:

CTD (type/SN): MCTD + ICTD

FLUOROMETER: ✓ re transmittance

Duplicate # 3

Samples # 174-196

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
214		196	✓1	1	3137				1381				
200		195	✓2	2	3144				1382				
190		194	✓3	3	3091 3119	✓	✓	✓	1383 1404				
180		193	✓4	4	3169				1384				
170		192	✓5	5	3126				1385				
160		191	✓6	6	3133				1386				
150		190	✓7	7	3121				1387				
140		189	✓8	8	3128				1388				
130		188	✓9	9	3131				1390				
120		187	✓10	10	3129				1391				
110		186	✓11	11	3081				1392				
100		185	✓12	12	3130				1393				
90		184	✓13	13	3136				1394				
80		183	✓14	14	3074				1395				
70		182	✓15	15	3143				1396				
60		181	✓16	16	3072				1397				
50		180	✓17	17	3142				1398				
40		179	✓18	18	3113				1389				
30		178	✓19	19	3124				1399				
20		177	✓20	20	3132				1400				
			21										
10		176	✓22	22	3105				1401				
5		175	✓23	23	3148				1402				
2-5m		174	✓24	24	3135				1403				

pressure

134

ARCTIC 1996 SAMPLING LOG

STATION: MC-27

CAST #:

DATE: Sept 21/96

TIME :

CTD (type/SN) :

FLUOROMETER :

LATITUDE :

LONGITUDE :

CAST DEPTH :

BOTTOM DEPTH :

Dep = #14

[illegible]

ARCTIC 1996 SAMPLING LOG

STATION: CM-2

LATITUDE: 69° 31.16

CAST #: #1

LONGITUDE: 138° 10.87

DATE: Sept 21/96

CAST DEPTH: 97

TIME: 1130 L 1730 UTC

BOTTOM DEPTH:

CTD (type/SN): MCTD + ICTD

FLUOROMETER: ✓ / trace only ✓

Dup = #17

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
97	90.9	235	✓1	1	3093				1438				
85	88.6	234	✓2	2	3023				1439				
80	78.5	233	✓3	3	3114				1440				
70	73.3	232	✓4	4	3115				1441				
65	68.1	231	✓5	5	3079				1442				
60	63.4	230	✓6	6	3024				1443				
55	58.4	229	✓7	7	3110				1444				
50	53.2	228	✓8	8	3112				1445				
45	48.2	227	✓9	9	3109				1446				
40	43.2	226	✓10	10	3107				1447				
35	38.3	225	✓11	11	3092				1448				
30	33.1	224	✓12	12	3089				1449				
25	28.1	223	✓13	13	3168				1450				
20	23.3	222	✓14	14	3108				1451				
18	21.1	221	✓15	15	3098				1452				
16	19.2	220	✓16	16	3048				1453				
14	17.0	219	✓17	17	3069	13122			1454	✓			
12	15.0	218	✓18	18	3163				1455				
10	13.0	217	✓19	19	3094				1457				
8	11.1	216	✓20	20	3067				1458				
			21										
6	9.1	215	✓22	22	3035				1459				
4	7.0	214	✓23	23	3063				1460				
2	5.0	213	✓24	24	3118				1461				

ARCTIC 1996 SAMPLING LOG

STATION: MC 32

CAST #: #1

DATE: Sept 23/96

TIME: 1500 UTC

CTD (type/SN):

FLUOROMETER:

LATITUDE: 70 10.35

LONGITUDE: 137 58.02

CAST DEPTH: 130

BOTTOM DEPTH: 1

Dup = #19

NOM DEPTH	BOT TRIP PRESS.	SMPL #	ROS POS	BOT #	OXY #	SAL	NUT	O18	BA	TRIT	TCO2	ALK	C13
140		258	✓1		3096				1462				
135		257	✓2		3179				1463				
125		256	✓3		3169				1464				
120		255	✓4		3175				1465				
110		254	✓5		3173				1466				
100		253	✓6		3166				1467				
90		252	✓7		3178				1468				
80		251	✓8		3037				1469				
70		250	✓9		3159				1470				
65		249	✓10		3061				1471				
60		248	✓11		3057				1472				
55		247	✓12		3156				1473				
50		246	✓13		3165				1474				
45		245	✓14		3172				1475				
40		244	✓15		3155				1476				
35		243	✓16		3046				1477				
30		242	✓17		3171				1478				
25		241	✓18		3043				1479				
20		240	✓19		3177 3164	✓	✓	✓	1480 1481				
15		239	✓20		3001				1482				
10		238	✓22		3160				1483				
5		237	✓23		3170				1484				
2		236	✓24		3152				1485				

ARCTIC ARCHIPELAGO 1996 SAMPLING LOG

CTD (type/SN) : MCTD

[illegible]