

DAILY LOG

CRUISE
NUMBER

IOS 2001-39

INSTITUTE OF OCEAN SCIENCES
OCEAN SCIENCES AND PRODUCTIVITY DIVISION

DATE

12-26 November 2001

VESSEL

VECTOR

PROJECT

"Zooplankton Aggregation AT SILLS" KNIGHT INLET - ONR
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Winches:

1. Swann model:	329	serial #:	123	use:	DIOWESS / CTD
2. Swann model:		serial #:		use:	Bongo / GRC
3. Swann model:		serial #:		use:	
4. Swann model:		serial #:		use:	
5. Swann model:		serial #:		use:	
6. Swann model:		serial #:		use:	
7. Swann model:		serial #:		use:	

Comments:

Sea Mac off M Benfield's

Salinometer: make:

model:

serial number:

Comments:

Surface Temperature / Salinity Data Logging System:

Program:

Sampling interval (seconds):

Sensor serial number:

Comments:

ADCP Setup:

Program version:

Number of depth bins:

Bin length (2X):

Sampling interval (seconds):

Pulse length:

Pings per ensemble:

% pings good threshold:

Comments:

Comments:

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Year 2001				Month November		Ship Vector		Cruise I.D. 2001-39						
Day	Station I.D.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments
14	Sam In	CTD	2350	BE	1	48 36.40	123 29.81		228	280	1	1		calibs @ 200
16 ¹⁷	Hocya Snd	ZOOVLS	0430	UCT	2	50 41.78	126 59.81		84					TEST CAST
17	ADCP	MOR	1751	UTC	3	50 40.079	126 01.245		148					SAV 537 AREN CTD 1000H
17	24P	MOR	1951	UTC	4	50 40.416	126 01.127		152.8					SAV 466 AREN CDFG TEL ABELH
18	KNO2	CTD	0226	BE	5	50 39.47	126 1268		250	231				computer time
18	KNO1	CTD	0337	BE	6	50 38.26	126 20.97		200	195				1 hour early!
18	2LE	CTD	0435	BE	7	50 38.00	126 29.94		163	148				time fixed
18	W of Sill	NET	2120		8	50 41.41	126 0.12		107	105				Binnys (note file #1)
18	E of Sill	NET	2306		9	50 40.20	126 59.59							new OPC-DAS version
18	W of Sic	ZOOVLS	0046	UCT	10									ZOOVLS profile (Bouffard)
18	LN14	SOUP	1735	BE	11	50 40.553	126 01.072		125					5 casts
19	NONAME	CTD	0326	UTC	12	50 39.969	126 05.940		175	175				troubled bottom
19	KNO3	CTD	0406	UTC	13	50 40.135	126 00.4.185		190	180	2.			calivity sample @ 65m
19	KNO4	CTD	0441	UTC	14	50 40.664	126 01.322		145	140				
19	(KNO5	CTD	0514		15	50 40.72	125 58.21		173	172				SLEE NOTES
19	K1	CTD			16									Cancelled
19	K8	CTD	0712		16	50 41.46	125 50.38		325	318				can't hold
19	KNO9	CTD	0819		17	50 43.10	125 41.82		520	509				
19	KNO9	NET			18				530	515				Bongo to

Cast type: BOT = otter cast ROS = Rosette USW = sea water loop Time Code BE = beginning time of cast DE = deployment time
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NOTES

- File # 12, 13 + 14 were removed from 8, 9, 10
- File 15 removed from 115

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19	KNOG	CTD	1002	BE	19	50 45.41	125 40.96		527		3	1		Calib sample @ 507
19	KNOZ	CTD	1100	BE	20	50 48.172	125 37.437		529	507				
19	KNO8	CTD	1159	BE	21	50 52.266	125 38.799		498	488				
19	KNI0	CTD	1257	BE	22	50 54.444	125 32.893		417	408				
19	KNA1	CTD	1351	BE	23	50 58.501	125 33.617		338	331				
19	KNI2	CTD	1444	BE	24	51 02.510	125 34.053		212	204				
19	K1	CTD	2139	BE	25	50 40.76	125 55.64		452	441				station raised last night due to equipment
20	Hoeysd	20015	20200	BE	26									
20	" "	SOUP	0414	BE	27	50 42.92	125 59.47							
	" "	NET	0445	BE	28	50 41.8	125 58.7		78	75				Bongo bottom to surface
20	K1	20015	~1700	BE	29				450	75				
20	K1	SOUP	1745	BE	30	50 40.78	125 55.52							
20	K1	20015	1815	BE	31	50 40.71	125 56.10		390	100				Bongo into d. flask, layer at 50-70
20	KNO5	20015	18:51	BE	32	50 40.71	125 57.981		200					Camera problems required immediate recovery. Station cancelled
20	KNO4	20015	20:15	BE	33	50 40.706	126 01.151		140	90				
20	KNO4	BONGO	20:45	BE	34	50 40.700	126 01.201		138	100				
"	"	SOUP	21:10	BE	35	50 40.821	126 01.478		138	100				
"	"	20015	21:26	BE	36	50 40.826	126 01.478		138					
26	KNO3	5008	2150	BE	37	50 40.165	126 04.005		135	100				

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20	KN03	Surf	2235		38	50 40.17	126 04.01		185	180				6078 T174	
20	KN03	20015	2247	BE	39	50 40.1	126 04.1		182	var					
20	KN03	Surf	2312	BE	40	50 40.023	126 04.119		182	100					
21	KN03	BION	0009	BE	41	50 40.14	126 03.84		185	170					
21	(KN03) (Glacier Bay)	BION	181759	BE	42	50 52.30	125 38.70		7500	250				2 SLs, 118-84 & 84-60m 2 nets in each	
21	6 mi Bay	Surf	2303	BE	43	50 52.430	125 38.896		7500/20						
21	GLACIER BAY	20015	2043	BE	44	50 52.54	125 38.22		7500	175					
21	GLACIER BAY	STP+USP+CM	2147	BE	45	50 52.58	125 38.027		7500	100					
21	1	Bion	2230		46	50 52.55	125 38.03			100					
21	"	20015	2330	BE	47	50 55.2	125 32.3		7500	75				Tau in circle @ 1-2 kts	
22	"	SOUP2	0026	BE	48	50 55.2	125 32.27		7500	100					
22	Xs11	BION	1921	BE	49	50 40.61	126 01.81							BIONESS crossing sill, along tide	
	"	"	"	EN	↓	50 40.72	125 59.51							↑	
22	"	20015	2230	BE	50	50 40.6	126 00.1							stepped profiles, mooring 40 from sill crest.	
23	"	20015	0006	EN	↓	50 40.7	126 01.6							↑	
23	"	SOUP	0147	BE	51	50 40.76	126 00.68							5 drops w/ light on,	
"	"	↓	0210	BE2	↓	50 40.75	126 00.67							5 drops w/ light off	
23	"	Bion	0230	BE	52	50 40.73	126 00.68		110	100				5 wire L	

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BO = bottom time of cast

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RE = recover mooring time

7 x 65 min = 2 hrs

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23	2LE	ZOOVIS	2345	BE	53	50 38.1	126 30.0								
24		1	0135	EN	↓	1									
		Soup	0137	BE	54	50 38.12	126 29.93		180	100					
		NET	0200		55	50 38.18	126 30.0		190	1				Bongo 100-0m	
		NET	0217		56	"	"		190					" 100-0m	
	KN01	NET	0259		57	50 38.3	126 21.0		200	100				Bongo 100-0	
	1	NET	0315		58	"	"		1	"				Bongo 100-0	
	KN02	NET	0412		59	50 39.5	126 12.5		220	100				Bongo 100-0	
	1	NET	0420		60.	"	"		1	8				"	
	KN03	NET	0506		61	50 40.1	126 04.1		183	100				Bongo 100-0	
	1	NET	0514		62	"	"		1	1				"	
	KN04	NET	0540		63	50 40.7	126 01.2		140	100				Bongo 100-0	
	1	NET	0549		64	"	"		1	1				"	
	ESL	NET	0613		65	50 40.6	125 59.08		131	100				Bongo 100-0	
		NET	0621		66	"	"		1	1				"	
		Soup	0633		67	50 40.60	125 59.15			100				5 profiles to 100m	
		ZOOVIS	0656	BE	68	50 40.6	125 59.15		125	107					
25			0749	EN	↓										
25		Soup		3E	69	49 14.82	123 44.81		400	385					

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