

DAILY LOG

CRUISE
NUMBER

IOS 2002
-40

INSTITUTE OF OCEAN SCIENCES
OCEAN SCIENCES AND PRODUCTIVITY DIVISION

DATE

13-25 Nov 2002

VESSEL

VECTOR

PROJECT

Knight Inlet - 2000
Jaeger. at 51115

DAILY LOG

Ocean Sciences and Productivity Division

INSTITUTE OF OCEAN SCIENCES

Year 2002				Month November				Ship Vector				Cruise I.D. 2002-40			
Day	Station ID.	Cast Type	Time (UTC)	Time Code	Consec. Number	Latitude	Longitude	Position Code	Bottom Depth	Max Depth	Consec Sample #	# of Bottles	initials	Comments	
14	Saatch	BION	0006	UTC	001	48 39.1	123 30.6			20				Test	
		OPC	0020	UTC	002									Test OPC tow	
14	Saatch	CTD	0048	BE	003	48 39.20	123 30.54		188					CTD only	
1	1	1	0053	BO	003	48 39.21	123 30.49			175					
			0057	EN	003	48 39.23	123 30.45								
14	GE01	OPC	0537	BE	004	49 14.59	123 44.47		401	255				OPC tow	
			0614	EN	004				401					Rob's Net (Dredge) 400-500m depth. (longitude ~ 450)	
14	GE01	NET	0637	BE	005	49 15.16	123 45.02		401	400?					
			0700	EN											
14	GE01	NET	0709	BE	006	49 15.08	123 44.88		401	300?				300-350m 384m (longitude ~ 504) Did	
			0740	EN											
15	AXCP	MOR	1625	MR	007	50 40.315	126 01.899		169m						
	WASP	MOR	(data)	MR	Cruise won't pick up. Do CTDs borges										
15	KN09	CTD	1702	BE	008	50 42.97	125 41.95		517					Year in file may be 199	
			1714	BO	1	50 42.84	125 42.00			495					
	1	1	1720	EN	1	50 42.76	125 42.01								
		NET	1838		009	50 43.12	125 41.76		520	100				0-100 Borge - Preserve bottom sleds	

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15	K8	NET	1458	BE	010		125°		335	100				0-100m bottom preserved	
15	K8	CTD	1458	BE	011	56 41.445N	125 50.021 W		337	100					
			2010	BO	011	50 41.640N	125 50.138 W			320					
			2017	EN	011	56 41.751	125 50.188 W								
15	K1	CTD	2054	BE	012	50 40.73	125 55.58		454		Salcal 1	1		caliber bottle @ 429m	
			2105	BO		50 40.71	125 55.49			430					
			2120	EN		50 40.68	125 55.45							spout open surface	
		NET	2136		013	50 40.72	125 55.57		454	100				0-100m bottom preserved	
	K05	NET			014									0-100 Bongo both sides preserved	
15	K05	CTD	2220	BE	015	50 40.75	125 58.14		175						
	K05		2226	BO		50 40.73	125 58.12			166					
	K05		2230			50 40.725	125 58.100								
15	WASP	MOR	2330		016	50 40.362	126 01.712			162.3					
15	K04	CTD	2348	BE	017	50 46.71	126 01.77		145						
			2353	BO		50 40.72	126 1.30			130					
			2355	EN		50 40.72	126 1.28								
16	K04	NET	00:06		018	50 40.68	126 01.21		145	100				0-100m bottom both sides preserved	

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10	KN03	NET			019				180					0-100 bag preserved both side of preserved
16	KN03	CTD	0043	BE	020	50 40.15	126 03.83		184					
1	1	1	0048	BO	1	50 40.15	126 3.84			173				
1	1	1	0052	EN		50 40.18	126 3.77							
16	NO NAME	CTD	0108		21	50 40.01	126 6.01		173	173				
1	1	1	0113		1	50 39.99	126 6.08			1				
1	1	1	0117			50 40.00	126 6.14							
1	1	NET	0131		22	50 39.89	126 05.95		173	100				
16	KN02	NET			23									
	1	CTD	0226		24	50 39.42	126 12.59		251	244				caliber bottle
	1	1			1	50 39.52	126 12.69							2° sal still in syringe
			0245		1	50 39.65	126 12.60							Dave hangs his head!
16	KN02	CTD		BE	25	50 39.24	126 12.65		240					
1	1	1	0302	BO	1	50 39.30	126 12.59			180		1		no pinger on system
			0308	EN		50 39.41	126 12.50							calib to 25
16	KN01	CTD		BE	26	50 38.24	126 24.03		201					
1	1	1	0355	BO	1	50 38.30	126 20.92			191				
1	1	1	0400	EN		50 38.32	126 20.90							
16	KN01	NET	0704	BE	27									Songo C-100m

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12	AND1	Net	0410		27	50° 38.353N	126° 21' 03.91W		200	100				415-20°	
16	2LE	Net	0500		28	50° 38.132	126° 30.00							0-100m bottom both nets preserved	
16	2LE	CTD	0504	BE	29	50° 38.13	126° 29.83		185						
1	1	1	0510	BO	1	50° 38.09	126° 29.77			175					
			0514	EN		50° 38.02	126° 29.73								
16	Transsect Line		~1700	BE		50° 38.13	126° 30.0							3 ping, with frog ADCP and OPC/SOUP transect 2LE to near KNI1	
17	KN12	CTD	0220	GE	30	51° 02.58	125° 33.84		235						
1	1	1	0227	BO	1	51° 02.53	125° 33.76			216					
			0232	EN		51° 02.53	125° 33.61								
17	KN12	NET	02:44		31	51° 02.52	125° 33.97		235	100				0-100m bottom preserved	
17	KN11	NET	03:20		32	50° 58.56	125° 33.503							same ↑	
1	1	CTD	0328	BE	33	50° 58.43	125° 33.55		335						
1	1	1	0337	BO	1	50° 58.40	125° 33.57			317					
			0344	EN		50° 58.42	125° 33.49								
17	KN10	CTD	0415	BE	34	50° 54.70	125° 32.62		412					Calibo 700 sample	
1	1	1	0427	BO	1	50° 54.58	125° 32.57			394	34	1		5 = 31.510 @ trip	
			0442	EN		50° 54.48	125° 32.76								

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17	KN10	NET	04:49		35	50°54.44	125°32.77		412	100				0-100m bongo
17	KN08	NET	05:22		36	50°58.29	125°38.65		496	100				
1	KN08	CTD	05:37	BE	37	50°52.30	125°38.65		496					
1	1	1	05:49	BO	1	50°52.27	125°38.66			489				
1	1	1	06:01	EN	1	50°52.22	125°38.72							
17	KN07	CTD	06:33	BE	38	50°48.21	125°37.57		523					CTD Lilomane changed from 0035 to 0038 (frequency trouble entering name?)
1	1	1	06:45	BO	1	50°48.19	125°37.59		1	512				
1	1	1	06:53	EN	1	50°48.14	125°37.61							
1	1	NET	07:00		39	50°48.09	125°37.69		523	100				0-100m bongo
17	KN06	CTD	07:28	BE	40	50°45.40	125°40.94		527					
1	1	1	07:41	BO	1	50°45.41	125°40.86			516		1		Cal + 10 (700) 516
1	1	1	07:54	EN		50°45.38	125°40.76							31.517900 2-515.8m
1	1	NET	08:06		41	50°45.30	125°40.73		527	100				
1	1	NET	08:33		42	50°45.45	125°40.64		527	500				0-500m bongo for Albers & Coend
17	Repeat Lines	Acous	1555	BE		50°40.715	125°38.075							Repeat EUD lines KN0547 KN03, 3 ping, ADCP (140 power failure RESON at 1552) OPC

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18	KMP3	ZOOVIS			43									
18	WSILL	NET	1300		44									Vertical test of pressure sensor on DIVERS
18	WSILL	NET			45									brakes for buoy w slope of sill, near slack tide
18	WSILL	NET	ZOOVIS		46									
19	Tou				47									- Acoustic/DOC tower w end of Knight I
19	Lady Is	NET			48									BIRNESS
19	Village Is	NET	2203		49									Trawl
	Lady Is	NET			50									Trawl
19	Lady Is	ZOOVIS	2330		51									Camera forays
20		1	0310	EN	1	5030.4	126 20.5							
20	ZOOVIS (at station)	NET	0323	BE	52	50°38.41	126°21.15							0-30m oblique bongo
1		1	0332	EN	1	50°38.40	126°22.04							
20	WSILL	Net	20:56		53									Birness
21	h	ZOOVIS	02:30		54									
21	ESILL	CTD	0305	BE	55	50 40.74	125 59.41		85					
1	1	1	0308	BO	1	50 40.77	125 59.41			77				
			0310	EN		50 40.78	125 59.04							
21	ESILL	NET	0319		56	50 40.64	125 59.48		88	85				0-85m bongo

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21	USILL	TRAWL	1645	BE	57	50 41.65	126 00.34								
			1658	BOT (m)		50 41.10	126 00.81		120-1160						
			1720	BOT (m)		50 40.09	126 01.37								
			1727	EN		50 39.77	126 01.8								
21	RESON	RESON + OPC	1828	BE	58	50 40.13	126 00.93							RESON multibeam bathymetry and over sill	
1	1		1540	EN		50 40.04	126 59.265								
22	ESILL	TRAWL	0028	BE	59	50 40.77	126 00.05		65-90					Other trawl, targeting fish school E rim of sill	
			0035	BO		50 40.37	125 59.90								
			0042	BO		50 40.11	125 59.75								
			0045	EN		50 40.16	125 59.5								
22	KNBA	ZOOVUS		BE	60	50 40.5 ±	126 02 ±							ZOOVUS sampling of near-surface patches of euphausiids	
1	-KNB3	1	0600	EN											
22	GLACIER BAY	ACOU + OPC	1555	BE	61	50 51.8	125 40.0								
1	1	1	1700	EN											
22	GLACIER BAY	ZOOVUS	1728	BE	62	50 52.9	125 35.3								
				EN											
22	GLACIER BAY	NET	2007	BE	63	50 53.41	125 33.61							BIOWESS	
23	USILL	TRAWL	0808	SE	64									Running CTD on deck for light (late light) with 510 is lit	
			0841	EN		50 41.21	126 01.13								

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23			St Shovel's	NET	1629		065	50 38.5	126 15.58		180					Blouess
23			W Sil	200m			66									very successful
24			KNO2	CTD	0050	BE	67	50 29.46	126 12.51		255					Cell #67
1			1	1	0102	BO	1	50 39.25	126 12.62			243	67	1		
1			1	1	0106	EN		50 39.2	126 12.71							
24			KNO1	CTD	0138	BE	68	50 38.30	126 21.10		203					0144:30 mess time
1			1	1	0146	BO	1	50 38.27	126 21.10			182	68	1		0147:00 start up 183m @ bottle tip
1			1	1	0150	EN		50 38.25	126 21.08							
25			6001	NET	1800		69	49 14.9	123 44.9							King wd 300-400m
				NET	1830		70.	49 14.9	123 44.8							200-300m
				NET			71									200-100
				NET			72									100-0
				CTD	1928	BE	73	49 14.83	123 44.69		406					
				1	1936	BO		49 14.78	123 44.52			393				
				1	1942	EN		49 14.74	123 44.40							
				</												