

DAILY LOG BOOK

MISSION
NUMBER

2007-24

DATE:

From: MARCH 14 / 07 to: MARCH 20 / 07

VESSEL:

VECTOR

PROJECT:

KNIGHT INLET

INSTITUTE OF OCEAN SCIENCES
OCEAN SCIENCES AND PRODUCTIVITY DIVISION
SIDNEY, BC, CANADA

07-24

First Officer: _____
Third Officer: _____

PATRICK COMMISSION

[illegible][illegible]

Data acquisition program:

CTD deck unit make: _____ model: _____ serial number: _____

Model: _____ serial number: _____

Make: SecurID model: 911 serial number: 0585

Primary temperature serial number: 2173

Primary conductivity serial number: 032038

Secondary temperature serial number: 2125

Secondary conductivity serial number: 0302095

Transmissometer: Model: _____ s/n: _____

Fluorometer: Model _____ Cable gain: _____ s/n: _____

Oxygen sensor: _____ Model: _____ s/n: _____

PAR sensor: _____ Model: _____ s/n: _____

Other sensors: Altimeter _____ s/n: PSA 916

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Other sensors: _____ s/n: _____

Barry CTD

Secondary CTD

Make: _____ model: _____ serial number: _____

Primary temperature serial number: _____ Model: _____ serial number: _____
 Primary conductivity serial number: _____
 Secondary temperature serial number: _____
 Secondary conductivity serial number: _____
 Transmissometer: _____ Model: _____ s/n: _____
 Fluorometer: Model _____ Cable gain: _____ s/n: _____ P, S or NO pump?
 Oxygen sensor: _____ Model: _____ s/n: _____ P, S or NO pump?
 PAR sensor: _____ Model: _____ s/n: _____
 Other sensors: _____ s/n: _____ P, S or NO pump?
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CTD calibration bottle location (height above CTD in metres):

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Month				Year			Ship					Cruise ID				
Day	Station Name	Time (UTC)	Time Code	Cast Type	Firing Method	Event Number	Position		Bottom Depth	Max Depth	Sample Numbers	#of Bottles	Watch Keepers	Trans. Cleaned	Comments	
14	001	310	BE	CTD	-	1	50 19 937	125 24 671	71	184			MD		Altimeter NOT WORKING	
		316	BO				50 19 903	125 24 676								
			EN				50 19	125 24								
14	002	0349	BE	CTD		2	50 19 864	125 26 044	81	85m			MD		weight backing altimeter?	
		0352	BO				50 19 865	125 26 042								
		0353	EN				50 19 859	125 26 040								
14	003	0409	BE	CTD		3	50 20 146	125 25 222		328			MD			
		0416	BO				50 20 153	125 25 244	325							
		0423	EN				50 20 138	125 25 258								
14	004	1446	BE	CTD		4	50 40 627	125 59 280		120			MD		No wt. altimeter works	
		1453	BO				50 40 601	125 59 191	118							
		1455	EN				50 40 589	125 59 165								
14	005	1517	BE	CTD		5	50 40 596	126 00 974	132	130			MD		No wt. altimeter works	
		1521	BO				50 40 595	126 00 949								
		1524	EN				50 40 591	126 00 925								
14	006	1550	BE	CTD		6	50 40 554	125 58 177	213				MD			
		1557	BO				50 40 526	125 58 064		210						
		1602	EN				50 40 502	125 58 988								

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→ Altimeter connection Reseated; plus no wt

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14	007	1648	DE	CTD	-	7	50 40 592	126 00 774			-	-	MD			
		1652	BO				50 40 590	126 00 803	122	127						
		1655	EN				50 40 588	126 00 823								
	008	1723	BE	CTD		8	50 40 543	125 58 159	205	213			MD			
		1729	BO				50 40 544	125 58 151								
		1732	EN				50 40 546	125 58 159								
	009	1813	BE	CTD		9	50 40 622	126 00 955	137	133			MD			
		1817	BO				50 40 621	126 00 982								
		1821	EN				50 40 614	126 00 996								
	010	1859	BE	CTD		10	50 40 554	125 58 169		199			MD			
		1903	BO				50 40 554	125 58 183	195							
		1907	EN				50 40 558	125 58 205								
	011	2117	BE	CTD		11	50 40 610	125 59 860							Toyo @ 21 knots up to 4 knots 50 lb	
			BO													
		2133	EN				50 40 642	126 01 367							Toyo TO 50m	
	012	2206	BE			12	50 40 562	125 59 773							Toyo 4 knots	
		2222	EN				50 40 615	126 01 202							250 lb wts	
	013	2228	BE			13	50 40 589	126 01 289							Toyo	
		2255	EN				50 40 553	125 59 250								

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14	014	2259	BE	TOYO		14	50 40 58	125 59 336					MD		TOYO	50m
			EN													
15	015	1933	BE	TOYO		15	50 40 57	125 59 942					MD		TOYO	50m
		1947	EN				50 40 664	126 01 171								
15	016	2016	BE	TOYO		16	50 40 506	125 59 128					MD		TOYO	50m
		2043	EN				50 40 708	126 01 566								
* 15	017	2117	BE	TOYO		17	50 40 573	125 59 812					MD		TOYO	50m
			EN													
* 15	018	2200	BE	TOYO		18	50 40 596	126 00 151					MD		TOYO	50m
		2211	EN				50 40 676	126 01 235								
15	019	2231	BE	TOYO		19	50 40 559	126 59 645					MD		TOYO	50m
		2250	EN				50 40 684	126 01 526								
15	020	2313	BE	TOYO		20	50 40 566	125 59 812					MD		TOYO	50m
		2329	EN				50 40 679	126 01 392								
15	021	2356	BE	TOYO		21	50 40 523	125 59 274					MD		TOYO	25m
16		0015	EN				50 40 670	126 01 312								
16	022	2055	BE	TOYO		22	50 40 471	125 59 340					MD		TOYO	50m/35m
		2110	EN				50 40 769	126 01 067								

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16		2138	BE	TOYO		23	50 40 469	125 59 485				-	MD		TOYO
		2156	EN				50 40 792	126 01 392							
16		2215	BE	TOYO		24	50 40 667	126 00 182					MD		TOYO
		2223	EN				50 40 729	126 00 940							
16		2242	BE	TOYO		25	50 40 601	126 00 174					MD		TOYO
		2250	EN				50 40.699	126 00.							
16		2257	BE	TOYO		26	50 40.769	126 01.181					MD		TOYO
		2321	EN				50 40	126							
16		2327	BE	TOYO		27	50 40 657	126 00 485					MD		TOYO
		2333	EN				50 40 704	126 00 920							
16		2357	BE	TOYO		28	50 40 424	125 59 146					MD		TOYO
17		0013	EN				50 40.732	125 00.953							
17		0023	BE	TOYO		29	50 40 724	126 01 006					MD		TOYO
		0051	EN				50 40 585	125 09 874							
17		0055	BE	TOYO		30	50 40 561	125 59 909					MD		TOYO
		0111	EN				50 40 687	126 00 967							
17		0250	BE	CTD		31	50 40 472	125 58 998		154			MD		CTD
		0253	BO				50 40 462	125 59 002	150						
		0256	EN				50 40 46	125 59 003							

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17		0313	BE	CTD		32	50 40 409	125 57 372		330			MD			
		0320	BO				50 40 367	125 57 382	325							
		0327	EN				50 40 277	125 57 460								
17		2133	BE	CTD		33	50 40 429	125 59 237	149				MD			
		2136	BO		estimate		50 40 449	125 59 301		100						
		2137	EN				50 40 456	125 59 407								
17		2215		TOYO		34	50 40 559	125 59 732					MD		TOYO to 35m	
		2226					50 40 727	126 00 822								
17		2302		TOYO		35	50 40 596	126 00 022					MD		TOYO to 40m	
		2317					50 40 836	126 01 514								
17		2336		TOYO		36	50 40 608	125 59 954					MD		TOYO TO 35m	
		2351					50 40 775	126 01 146								
18		0008		TOYO		37	50 40 602	125 59 998		100			MD		TOYO 35m last to 100m	
		0023					50 40 843	126 01 322								
18		0112		TOYO		38	50 40 574	125 59 854					MD		30m TOYO	
		0131					50 40 739	126 00 901							last to 100m	
18		0152		TOYO		39	50 40 440	125 58 950					MD		30m TOYO	
		0221					50 40 834	126 01 364							last to 100m	

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							Latitude	Longitude							
18		1701		TOYO		40	50 40 560	125 59 804					MD		TOYO to 50m
		1715					50 40 710	126 0.822							
18		1721		TOYO		41	50 40 732	126 00 912					MD		Toyo to 50m / 100m
		1749					50 40 370	125 58 504							
18		1842		TOYO		42	50 40 757	126 0.920					MD		Toyo to 50m
		1914					50 40 348	125 57 964							
18		1943		TOYO		43	50 40 710	126 00 686					MD		
		2011					50 40 361	125 57 971							
18		2153		TOYO		44	50 40 526	125 59 59					MD		Toyo TO 40m
		2208					50 40 723	126 00 918							
18		2226		TOYO		45	50 40 552	125 59 816					MD		Toyo to 40m
		2236					50 40 728	126 00 826							
18		2250		TOYO		46	50 40 628	126 03 38					MD		Toyo TO 40m / 80
		2256					50 40 734	126 01 067							
18		2313		TOYO		47	50 40 646	126 00.341					MD		TOYO TO 40m
		2322					50 40 754	126 01.103							
18		2340		TOYO		48	50 40 637	126 00 426					MD		TOYO TO 40m
		2346					50 40 766	126 01 146							

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19		0047		TOYO		49	50 40 490	125 59 384					MD		Toyo @ 50m/100
		0104					50 40 777	126 00 998							
19		0122		TOYO		50	50 40 627	126 00 181					MD		Toyo @ 50/100
		0135					50 40 790	126 01 565							
19		0158		TOYO		51	50 40 636	126 0.180					MD		Toyo @ 50m/100
		0208					50 40 751	126 01 142							
19		0224		TOYO		52	50 40 596	126 0.080					MD		Toyo @ 50m
		0232					50 40 703	126 0.900							
19		1615	BE	CTD		53	50 40 744	126 01 176					MD		
		1618	BO				50 40 753	126 01 224	135	140					
		1621	EN				50 40 760	126 01 256							
19		1651	BE	CTD		54	50 40 470	125 58 861		159			MD		
		1655	BO				50 40 463	125 58 868	150						
		1658	EN				50 40 452	125 58 867					MD		
19		1730	BE	TOYO		55	50 40 730	126 00 955							Toyo to 50m/140m
		1755	EN				50 40 393	125 58 423					MD		
19		1818	BE			56	50 40 618	126 00 269							Toyo to 50m/120
		1842	EN				50 40 316	125 57 948							

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19		1913	BE	TOYO		57	50 40 651	126 0 281		120			MD		Toyo To 50m / 120m
		1944	EN				50 40 28	125 57 66							
19		2013	BE	TOYO		58	50 40 674	126 0 376		90			MD		Toyo to 50m / 90m
		2031	EN				50 40 554	125 58 584							
		2056	BE	TOYO		59	50 40 758	126 01-012		100			MD		50m / 100m
		211	EN				50 40	125 59							
19		2124	BE	TOYO		60	50 40 544	125 59 346					MD		50 /
			EN												stopped early
19		2237	BE	TOYO		61	50 40 508	125 59 423					MD		50-100m
		2255	EN				50 40 757	126 01 015							
		2318		TOYO		62	50 40 526	125 59 528		80			MD		70/60/60/60/80
		2334					50 40 808	126 01 325							
19		2357		TOYO		63	50 40 578	125 59 941		110			MD		50m / 110
		0015					50 40 891	126 01							
20		0058		TOYO		64	50 40 499	125 59 470					MD		
		0115					50 40 734	126 01 057							
20		0137	BE	CTD		65	50 40 573	125 59 784					MD		
		0138	BO				50 40 574	125 59 786							50m then 30m
			EN												stationary cast

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Stationery CTD, First to 50m, pump was turned off @ surface then turned back on
so CTD could go down to 30m

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[illegible]

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