

Casts 1-6 deck avg 24. (chromship's cast)
 depth is below bc (5.6m) winds are knots
 PG 1 OF
 But 10m - above altimeter data implies that
 depth
 ave
 conc'd
 Dmt
 add
 5.6

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D. N.A.		STATION DESIGNATION 002	
CONSC CAST #		LONGITUDE		DATE JD -		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
001 53.22.04 N		116.43.99 W		08 AUG 00		08 10	
SBE9+09P9852-0382		TIMES		JD/TIME		REMARKS	
PRESS SN 5 8 9 5 5		DATA ON		Tape/Diskette ID		DATA LOCATION	
PRI TEMP SN 1713		START DOWN		File Name/Header			
SEC TEMP SN 2866		AT DEPTH					
PRI COND SN 1473		AT SURFACE				Cleared air bleed valve	
SEC COND SN 529		PAR SIN		FLUOR SIN		MAX. DEPTH - m	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		TRANS. SIN	
						SAMPLE BOTTLE NUMBER	
1		PRESSURE		PRI. TEMP.		SALINITY	
2		PRI. TEMP.		SEC. TEMP.		SAL.	
3		SEC. TEMP.		SALINITY		Chlor	
4		SALINITY		SAL.		Nutrients	
5		SAL.		Chlor		Prod	
6		Chlor		Nutrients		Chlor	
7		Nutrients		Prod		PA + CDOM	
8		Prod		Chlor		HPLC	
9		Chlor		Nutrients			
10		Nutrients		Prod			
11		Prod		Chlor			
12		Chlor		Nutrients			

UNIVERSITY OF ALASKA	PA + CDOM	HPLC
N11		
N10		
N9		
N8		
N7		
N6		
N5		
N4		
N3		
N2		
N1		

Dalhousie
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 DALHOUSIE

Shm = depth

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
Ron Brown		RB0007								Shm 3 Hand 1									
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (knots)	WIND SPD. (knots)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											
00	53	26.00	N	168	45.99	W	28	09	48	12.9	12.0	97	47	180	8	75	970		
TIMES JD/TIME SB9+09P9852-0382 DATA ON START DOWN AT DEPTH AT SURFACE																			
DATA LOCATION File Name/Header Tape/Diskette ID CHAM S/N FLUOR S/N PAR S/N MAX. DEPTH = 955 m TRANS. S/N																			
REMARKS Cleaned air bleed valve																			
CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA					SAMPLE BOTTLE NUMBER				
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC						
1	6	955			34.2592		546			N28									
2	500									N20									
3	300									N19									
4	200									N18									
5	150									N17									
6	100									N16									
7	70									N15									
8	50									N14									
9	30									N13									
10	20									N12									
11	10									N11									
12	0						708			N10									

NO heap

Didnt heap

32.8837
1 MIA

1.678

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VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
Ron Brown		RB0007				SM 6							
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	WIND DIRN	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
45336.03	16903.03	143310.6	28 AUG 89	143310.6	10.3	92.47	169328	751957					
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS					
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header							
PRI TEMP SN	1713	START DOWN											
SEC TEMP SN	2866	AT DEPTH											
PRI COND SN	1473	AT SURFACE											
SEC COND SN	529	PAR S/N		FLUOR S/N		CHAM S/N		TRANS. S/N					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	1000			1 MA 34.5048			13014			N44			
3	500									N43			
4	400									N42			
5	300									N41			
6	200									N40			
7	100									N39			
8	50									N38			
9	30									N37			
10	20									N36			
11	10									N35			
12	0									N34			
				33.0504		15.416							
				1MA									

1MA

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
Ron Brown		RB0007								008									
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD -		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
60654	2.00 N	169	34.02 W	28	AUG	00	2133	10.00	08.5	990.67	*	*	205	34	762			184	008
SBEG + 09P9852-0382		TIMES		JO/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS									
PRESS SN 5855		DATA ON				File Name/Header		originally saved to											
PRI TEMP SN 1713		START DOWN				CTD006		CTD005, moved later to CTD006.											
SEC TEMP SN 2866		AT DEPTH		2133				Cleared air bleed valve											
PRI COND SN 1473		AT SURFACE		2214				MAX. DEPTH - 150L m											
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN											
CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA									
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC							
1 1500	1514	2.18	1 MA 34.518	022				A	N67										
2 1000	1009	2.75							66										
3 600	504	3.469							65										
4 400	404	3.636							64										
5 300	302	3.709							63										
6 200	202	3.404							62										
7 100	99.9	3.83							61										
8 50	51.2	4.9							60										
9 30	21.06	5.7							59										
10 20	19.81	9.18							58										
11 10	9.3	9.9	bottle tripped but						57										
12 0	0.8	9.9	32.9938						56										

1 MA

no water in it

02

0086

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Dalhousie

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								12				
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRN.	WIND SPD.	CLD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
0105507.00N	16828.97W	30	00	08	47	9.4	8.7	2647	195	1342	11747	12		
SB9+D9P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header								
PRI TEMP SN	1713	START DOWN												
SEC TEMP SN	2866	AT DEPTH												
PRI COND SN	1473	AT SURFACE												
SEC COND SN	529	PAR S/N		FLUOR S/N		CHAM S/N		TRANS. S/N						
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC		
2	1000				34.4929	23			N115					
3	750								N114					
4	500								N113					
5	200								N112					
6	100								N111					
7	75								N110					
8	50								N109					
9	30								N108					
10	20								N107					
11	10								N106				no trip	
12	0								N105					
									N104					

24

1MA

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007		RB0007		13	
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIRN.	WIND SPD.
115520.511N	16815.22W	3000	1141	9.0	8.5	170	10.5
SBEG + 09P9852-0382	TIMES	JD/TIME	Tape/Diskette ID	DATA ON	DATA LOCATION	REMARKS	
5 8 9 5 5	DATA ON				File Name/Header	Sal. diff. 0.3	
PRI TEMP SN 1713	START DOWN					below 200m	
SEC TEMP SN 2866	AT DEPTH					20-13-off (low)	
PRI COND SN 1473	AT SURFACE					(Cleared air bleed valve)	
SEC COND SN 529	PAR SIN	FLUOR SIN	CHAM SIN	TRANS. SIN	MAX. DEPTH = 1455 m	10 off	
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod
1 1455			nk 34.4806		25		
2 1000							
3 750							
4 500							
5 200							
6 100							
7 75							
8 50							
9 30							
10 20							
11 10							
12 0							

90m
650m

bottom
by
all time

1230

1MA

264

31.7374

NO HAD

Dalhousie

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SAL.

SALINITY

SALINITY

SEC. TEMP.

PRI. TEMP.

PRESSURE

POS. TRIP DEPTH

SEC COND SN

PRI COND SN

SEC TEMP SN

PRI TEMP SN

5 8 9 5 5

SBEG + 09P9852-0382

CONSC CAST #

VESSEL

PROJECT & LEG

DSDB I.D.

STATION DESIGNATION

WIND SPD.

WIND DIRN.

WET BULB

LONGITUDE

DATE

TIME (GMT)

DRY BULB

SEA STATE

PRESSURE

WIND SPD.

WIND DIRN.

WIND SPD.

WIND DIRN.

WIND SPD.

WIND DIRN.

WIND SPD.

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WIND SPD.

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				15	
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD -	TIME (GMT)	WET BULB	WIND DIRN	WIND SPD.
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)
135525.67 N	16804.43 W	30A4699	1452	9.8	9.0	1150	1258
SBEG + 09P9852-0382	TIMES	JD/TIME	REMARKS				
PRESS SN 5 8 9 5 5	DATA ON	Tape/Diskette ID	DATA LOCATION				
PRI TEMP SN 1713	START DOWN		File Name/Header				
SEC TEMP SN 2866	AT DEPTH		Cleaned air bleed valve				
PRI COND SN 1473	AT SURFACE		MAX. DEPTH - m				
SEC COND SN 529	PAR SIN	FLUOR SIN	TRANS. SIN				
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod
1 200			nm	33.4000	36	35	N148
2 150							N147
3 100							N146
4 75							N145
5 50							N143
6 30							N142
7 20							N141
8 10							N140
9 0			NO REP				N139 (bucket sample)
10 0							N139
11							N139
12							

~~35~~ originally mis-numbered

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				10						
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIR.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)	TYPE	(m)			
145533.00 N	16746.00 W	30 AUG 99	1807	9.0	8.8	2336	1145	18876	146			
SBEG + 09P9852-0382		JO/TIME		DATA LOCATION		REMARKS						
PRESS SN	5 8 9 5 5	Tape/Diskette ID		File Name/Header								
PRI TEMP SN	1713											
SEC TEMP SN	2866											
PRI COND SN	1473											
SEC COND SN	529											
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
		PAR SIN	FLUOR SIN			CHAM SIN	TRANS. SIN					
		<input type="checkbox"/>	<input checked="" type="checkbox"/>									
		UNIVERSITY OF ALASKA		DALHOUSIE								
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC
1	178					38	37		N156			
2	100				33.042				N155			
3	751								N154			
4	501								N153	✓		
5	301								N152	✓		
6	201								N151	✓		
7	101								N150	✓		
8	0								N149	✓		
9	0											
10	0											
11	0											
12	0				32.486							

38 originally mis numbered

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				17					
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD -	TIME (GMT)	WET BULB	WIND DIR	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
155507.08N	16836.00W	31 AUG 99	0044	0044	9.1	130	25	8761	933		
SBE9+09P9852-0382		JDTIME		DATA LOCATION		REMARKS					
TIMES		Tape/Diskette ID		File Name/Header		Ctd 015		bottle depths chosen based on bio optical profiler			
PRESS SN	5 8 5 5	DATA ON					Cleared air bleed valve				
PRI TEMP SN	1713	START DOWN	0005								
SEC TEMP SN	2866	AT DEPTH	0044								
PRI COND SN	1473	AT SURFACE									
SEC COND SN	529	PAR SIN									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
		FLUOR SIN	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC
1	1500		34.492	34.49	40			N168			
2	1000	didnt trip	34.37					167			
3	750							166			
4	500							165			
5	200							164			
6	100							163			
7	60							162	✓		
8	50							161			
9	40							160	✓		
10	30	didnt trip						159			
11	15				39			158	✓		
12	0		32.884	32.88				N157	✓		

↑ bottle got used twice?

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 17																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIR		WIND SPD		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID					
016		5507.08 N		16835.99 W		31 AUG 99		0158		10.0		9.8		01.0		47		135		20		87		Z		1933							
SB09+09P9852-0382		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN		5 8 5 5		0155		0155		0155		0155		for Toekeevs																					
PRI TEMP SN		1713		0155		0155		0155		0155		prod, didnt kit																					
SEC TEMP SN		2866		0155		0155		0155		0155		SES moa.																					
PRI COND SN		1473		0155		0155		0155		0155		Cleared air bleed valve																					
SEC COND SN		529		0155		0155		0155		0155		MAX. DEPTH - 44 m																					
POS. TRIP DEPTH		PAR SIN		FLUOR SIN		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		Chiam SIN		TRANS. SIN																					
		CTD CONVERTED MONITOR VALUES		SALINITY		SEC. TEMP		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + CDOM		HPLC													
1 30														N170		✓																	
2 30																																	
3 30																																	
4 30																																	
5 30		didnt trip																															
6 30																																	
7 15														N109																			
8 15														✓																			
9 15														✓																			
10 15				didnt trip										✓																			
11 15														✓																			
12 15														✓																			

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
Ron Brown		RB0007				19										
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
018	55 15.72 N	168 47.25 W	31 AUG 88	0720	10.6	10.6	0746	4	6	175	2087	4	2122			
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN	5 8 5 5	DATA ON	6 44	Tape/Diskette ID	File Name/Header											
PRI TEMP SN	1713	START DOWN	6 44		ctd018.dat											
SEC TEMP SN	2866	AT DEPTH														
PRI COND SN	1473	AT SURFACE														
SEC COND SN	529	PAR SIN		FLUOR SIN		CHNAM SIN		TRANS. SIN								
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC				
1	1500	1519	34.5009	34.50		44			N194							
2	1400	1417	br	34.48					N193							
3	1300	1315							N192							
4	1200	1213							N191							
5	1100	1112	didn't trip						N190							
6	1000	1110							N189							
7	800	807							N188							
8	600	607							N187							
9	400	404							N186							
10	200	202		33.41					N185							
11	50	51		33.14					N184							
12	0	2.2		32.88		43	✓		N183							

↑
bottle numbers off?

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D.		STATION DESIGNATION 20													
CONSC CAST #		LONGITUDE		DATE JD - 244		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
19 5520.00N		16853.02W		31 AUG 00		0930		10.2		185		288		7		22126			
SBE9+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		PRESSURE		SEA STATE		VISIBILITY		CLOUD (amt)		REMARKS	
PRESS SN 5 8 9 5 5		DATA ON																	
PRI TEMP SN 1713		START DOWN																	
SEC TEMP SN 2866		AT DEPTH																	
PRI COND SN 1473		AT SURFACE																	
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN		MAX. DEPTH -		m							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER													
1 1500V		PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA+CDOM	
2 1000V		64		34.5029		34.502		45		2006		2005		2004		2003		2002	
3 750V																			
4 500V																			
5 200V																			
6 100V																			
7 75V																			
8 50V																			
9 30V																			
10 20V																			
11 10V																			
12 0																			

↑ these should be OK

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				21					
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIRM	WIND SPD	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)	TYPE		(m)	
205524.30	N 16858.70	W 31141.98	31 AUG 00	1141	9.8	205	21	875	0091		21
SBES+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS			
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header					
PRI TEMP SN	1713	START DOWN									
SEC TEMP SN	2866	AT DEPTH									
PRI COND SN	1473	AT SURFACE						Cleansed air bleed valve			
SEC COND SN	529	PAR SIN		FLUOR SIN		CHIAM SIN		MAX. DEPTH = m			
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1	1500	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Nutrients	Chlor	PA + CDDM	HPLC	
2	1000	bM	34.5181	34.519	47		N218				
3	750						217				
4	500						216				
5	200						215				
6	100						214				
7	75						213				
8	50						212				
9	30						211				
10	20						210				
11	10						209				
12	0						208				
				32.795		48		N 207			

Dalhousie

University of Alaska

214 → default value

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 24																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 244		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		GLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
235536.17 N		169 2.51 W		31 AUG 00		2012 9 8		8.7		1247		2252		1872		1685		24													
SBE9+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN 5855		DATA ON						phys & nut.																							
PRI TEMP SN 1713		START DOWN		2012				eddy tran II																							
SEC TEMP SN 2866		AT DEPTH						Cleaned air bleed valve																							
PRI COND SN 1473		AT SURFACE																													
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN																							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																									
1 1500		PRESSURE 1518		PRI. TEMP. 24.510		SEC. TEMP. 34.51		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
2 1000		PRESSURE 1010		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
3 750		PRESSURE 755		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
4 500		PRESSURE 505		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
5 200		PRESSURE 201		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
6 100		PRESSURE 101		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
7 75		PRESSURE 75		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
8 50		PRESSURE 51		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
9 30		PRESSURE 30		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
10 20		PRESSURE 20		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
11 10		PRESSURE 9		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											
12 0		PRESSURE 3.		PRI. TEMP. 24.510		SEC. TEMP. 34.36		SALINITY 34.36		SAL. 25.4		Chlor		Nutrients 25.4		Chlor		PA + CDOM		HPLC											

↑ gap in bottle numbers

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
Ron Brown		RB0007								24								
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD-		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIR.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
24	55.36.17 N	169	2.50 W	31	AUG	00	2120	9.5	8.0	1347			240	23	872		1685	
SBE9+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS								
PRESS SN	58955	DATA ON						File Name/Header		Shallow for prod. + Chlor,								
PRI TEMP SN	1713	START DOWN		2128				ctd024.dat										
SEC TEMP SN	2866	AT DEPTH								Cleaned air bleed valve								
PRI COND SN	1473	AT SURFACE		2128						MAX. DEPTH - 81 m								
SEC COND SN	529	PAR SIN				FLUOR SIN		CHAM SIN		TRANS. SIN								
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER												
1	80	PRESSURE	81	PRI. TEMP.	SEC. TEMP.	SALINITY	38.193	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	Dalhousie			
2	45.0	81									261	✓			University of Alaska			
3	37.0	45								✓	260	✓			Dalhousie			
4	37.0	37									259	✓			Dalhousie			
5	24	38								✓	258	✓			Dalhousie			
6	24	24									257	✓			Dalhousie			
7	17	17										✓			Dalhousie			
8	17	17											✓		Dalhousie			
9	9.7	8.7													Dalhousie			
10	5.6	5.7													Dalhousie			
11	0	2.8													Dalhousie			
12	0	2.5													Dalhousie			

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		R80007				R80007				25				
CONSCAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIR.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
025	53.722 N	169	15.83 W	31	AUG	00	2523	8.4	225	18	76	2	2266	
REMARKS														
SBE9+09P98520382														
TIMES														
DATA ON														
PRESS SN	58955	File Name/Header												
PRI TEMP SN	1713	ctd 025.dat												
SEC TEMP SN	2866	Cleared air bleed valve												
PRI COND SN	1473	MAX. DEPTH - 1503 m												
SEC COND SN	529	TRANS. SIN												
CTD CONVERTED MONITOR VALUES														
POS. TRIP DEPTH	SAMPLE BOTTLE DATA													
Net Sal														
1	1500	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	Dalhousie		
2	1000		34.502	34.50	56			N273				University of Alaska		
3	750		didn't trip	34.37				272				Dalhousie		
4	500							271				University of Alaska		
5	200							270				Dalhousie		
6	100							269				University of Alaska		
7	75							268				Dalhousie		
8	50							267				University of Alaska		
9	30							266				Dalhousie		
10	20							265				University of Alaska		
11	10							264				Dalhousie		
12	0							263				University of Alaska		
								262				Dalhousie		
								55				University of Alaska		

↑ these are the data

VESSEL		PROJECT & LEG				DSOB I.D.				STATION DESIGNATION									
Ron Brown		RB0007								29									
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	CLOUD (amt)					
29	55	1.85	N	168	56	75	W	01	56	114	32	25	015	6611432					
SPE9+09P9852-0382		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		DATA LOCATION		REMARKS							
PRESS SN	5	8	5	5					File Name/Header										
PRI TEMP SN	1713																		
SEC TEMP SN	2866																		
PRI COND SN	1473																		
SEC COND SN	529																		
POS. TRIP DEPTH																			
		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER													
1	1389																		
2	1000																		
3	750																		
4	500																		
5	200																		
6	100																		
7	75																		
8	50																		
9	30																		
10	20																		
11	10																		
12	0																		

↑ Salt OK

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 30			
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIR.	
305527.55 N		16851.04 W		015E P 0		1420		9.3		8.1		250	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		WET BULB (°C)		WIND DIR. (deg)		WIND SPD. (m/s)	
16851.04		015E P 0		1420		9.3		8.1		250		15576	
TIMES		JD/TIME		DATA LOCATION		REMARKS		SEA STATE		PRESSURE		CLOUD (amt)	
SBE9+DSP9852-0382		5 8 5 5		5 8 5 5		5 8 5 5		5 8 5 5		5 8 5 5		5 8 5 5	
PRESS SN		1713		2866		1473		529		529		529	
PRI TEMP SN		2866		1473		529		529		529		529	
SEC TEMP SN		1473		529		529		529		529		529	
PRI COND SN		529		529		529		529		529		529	
SEC COND SN		529		529		529		529		529		529	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA		DALHOUSIE		HPLC	
1 1500		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL		Chlor	
2 1000		529		34.5047		34.5047		34.5047		34.5047		N 333	
3 750		1713										332	
4 500		2866										331	
5 200		1473										330	
6 100		529										329	
7 75		529										328	
8 50		529										327	
9 30		529										326	
10 20		529										325	
11 10		529										324	
12 0		529										323	
		529										N 332	

no. 331

↑ Salt OK

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION									
Ron Brown		RB0007				31									
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
31	55.23.25 N	168.45.35 W	01 SEP 01	1635	9.5	8.2	2647	X	7	250	128	84	20	20	20
SPE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	1713	START DOWN													
SEC TEMP SN	2866	AT DEPTH													
PRI COND SN	1473	AT SURFACE													
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN		Cleared air bleed valve							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC		
2	1000				344.002		34.031			N345					
3	750									344					
4	500									343					
5	200									342					
6	100									341					
7	75									340					
8	50									339					
9	30									338					
10	20									337					
11	10									336					
12	0									335					
										N334					

↑ Salt ex fresh

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D.		STATION DESIGNATION 31																							
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
32552-0.75N		16243.40W		1 SEP 00		1934		8.6		27.37		X		7		210		08		73		220		15					
SBEG+09P9852.0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS																			
PRESS SN		5 8 5 5		DATA ON				ctd032.dat		Cleared air bleed valve																			
PRI TEMP SN		1713		START DOWN																									
SEC TEMP SN		2866		AT DEPTH																									
PRI COND SN		1473		AT SURFACE																									
SEC COND SN		529		PAR SIN																									
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				FLUOR SIN		SAMPLE BOTTLE DATA		ChlAM SIN		SAMPLE BOTTLE NUMBER															
				PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA+CDDM		HPLC							
1		40														N3410													
2		40																											
3		40																											
4		40																											
5		40																											
6		40																											
7		40		40 + 40.7																									
8																													
9																													
10																													
11																													
12																													

↑ depth in fresh water (not salt)

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 32													
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRM.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
033		55 18.94 N		168 39.64 W		02 SEP 00		0043		9.0		165		14		60		1936					
SBE9+09P852-0382		TIMES		JD/TIME		DATE		TIME		DRY BULB		SEA STATE		VISIBILITY		PRESSURE							
PRESS SN 58955		DATA ON								10.2		37		2637									
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SN		FLUOR SN		CHAM SN		TRANS. SN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
2		300		302		33.93		33.64		34.73 bottom		N356											
3		200		201																			
4		100		100																			
5		75		76																			
6		50		50																			
7		40		40																			
8		30		30																			
9		25		25																			
10		20		20																			
11		10		10																			
12		0		2.8						34.35 Surface		N347											

REMARKS
delayed to fix: flaw in wire.

File Name/Header
ctd033.dat

Cleaned air bleed valve

MAX. DEPTH - m

☆ at I →
noticed
the "depth"
was wrong for
"break room"
not "depth"
Soft water transfer
a correct
10 m
On which cast did the depth readout get switched? Cast 32

VESSEL		PROJECT & LEG		DSOB I.D.		STATION DESIGNATION																	
Ron Brown		RB0007				33																	
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)	WET BULB	WIND DIR	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID										
34	55 22.18 N	168	32.09 W	02	SEP	05	8.0	190	0.8	872		1724											
SBE9+09P8852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS															
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header		delayed to fix a kink in wire															
PRI TEMP SN	1713	START DOWN				0td034.dat																	
SEC TEMP SN	2866	AT DEPTH						Cleared air bleed valve															
PRI COND SN	1473	AT SURFACE						MAX. DEPTH - m															
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN		TRANS. SN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1	1500	PRESSURE	1518	PRI. TEMP.		SEC. TEMP.		SALINITY	34.50	SAL.	34.50	Chlor	N370	Nutrients	369	Prod		Chlor		PA + CDOM		HPLC	
2	1000		1011		didn't go				34.34						368								
3	750		757												367								
4	500		505		didn't go										366								
5	200		202		didn't go										365								
6	100		101												364								
7	80		81		didn't go										363								
8	60		60		didn't go										362								
9	30		30												361								
10	20		20		didn't go				32.76						360								
11	10		9.9												359								
12	0		2.5						32.76						CTD 33 surface								

4 bottles didn't go!

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
Ron Brown		RB0007				34											
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIR	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
35	55 26.51 N	168	37.80 W	02	11	08	9.0	8.2	2437			160	10872	1884			
SBEG+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN 5 8 9 5 5		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN 1713		START DOWN 0640				cf 1035.dat											
SEC TEMP SN 2866		AT DEPTH 0716															
PRI COND SN 1473		AT SURFACE															
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN											
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC				
1	1519		34.4949	34.4949			34.35 bottom			N382							
2	1011			34.33						381							
3	757									380							
4	505									379							
5	201									378							
6	102									377							
7	75									376							
8	50									375							
9	30									374							
10	10									373							
11	9.5									372							
12	3									371							

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VESSEL		PROJECT & LEG		DSUB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				35					
CONSCAST #	LATITUDE	LONGITUDE		DATE	TIME (GMT)	WET BULB	WIND DIR./SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
365530.81 N	16843.51 W	DEG	MIN	DAY	HR	(°C)	(deg)	(m/s)	*	(m)	
		DEG	MIN	MO	YR	(°C)					
		16	43	02	09	8.4				17.33	
		W	E	S	E						
SBE9+09P9852-0382	TIMES	JD/TIME		DATA LOCATION		REMARKS					
PRESS SN 5 8 5 5	DATA ON	Tape/Diskette ID		File Name/Header							
PRI TEMP SN 1713	START DOWN										
SEC TEMP SN 2866	AT DEPTH										
PRI COND SN 1473	AT SURFACE							Cleared air bleed valve			
SEC COND SN 529	PAR SIN	FLUOR SIN		CHIAM SIN		TRANS. SIN		MAX. DEPTH = m			
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Nutrients	Chlor	PA + CDOM	HPLC
1 1500				34.4923		34.836		N 394			
2 1000								393			
3 750								392	720		
4 500								391			
5 200								390			
6 100								389			
7 75								388			
8 50								387			
9 30								386			
10 20								385			
11 10								384			
12 0				32.8989		32.836		N 383			

(76)

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				36					
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD -	DRY BULB	WET BULB	WIND DIR	WIND SPD	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
375535.10 N	16849.24 W	02 SEP 00	11 4 10.0	8.8	8.8	185	048	62	959		
TIMES		JD/TIME	Tape/Diskette ID		DATA LOCATION		REMARKS				
SBE9+09P9852-0382					File Name/Header						
PRESS SN	5 8 9 5 5	DATA ON									
PRI TEMP SN	1713	START DOWN									
SEC TEMP SN	2866	AT DEPTH									
PRI COND SN	1473	AT SURFACE					Cleared air bleed valve				
SEC COND SN	529	PAR SIN	FLUOR SIN	CHIAM SIN	TRANS. SIN	MAX. DEPTH - m					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1	934	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	500			84.2774				406			
3	300							405			
4	200							404			
5	150							403			
6	100							402			
7	75							401			
8	50							400			
9	30							399			
10	20							398			
11	10							397			
12	0			32.8950				396			

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VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 37			
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE	
385539.41 N		16854.99 W		02 SEP 00		1255		9.6		8.5		137	
SBE9+D9P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS		200 T min layer	
PRESS SN 58955		DATA ON				File Name/Header							
PRI TEMP SN 1713		START DOWN											
SEC TEMP SN 2866		AT DEPTH											
PRI COND SN 1473		AT SURFACE											
SEC COND SN 529		PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
1 772		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY	
2 500		500		34.1937		34.1937		34.1937		34.1937		34.1937	
3 300		300											
4 200		200											
5 150		150											
6 100		100											
7 75		75											
8 50		50											
9 30		30											
10 20		20											
11 10		10											
12 0		0											
		UNIVERSITY OF ALASKA		Dalhousie		Chlor		Nutrients		Chlor		PA + CDOM	
		2418		416		415		413		412		411	
		410		409		408		407		406		405	
		404		403		402		401		400		399	
		398		397		396		395		394		393	
		392		391		390		389		388		387	
		386		385		384		383		382		381	
		380		379		378		377		376		375	
		374		373		372		371		370		369	
		368		367		366		365		364		363	
		362		361		360		359		358		357	
		356		355		354		353		352		351	
		350		349		348		347		346		345	
		344		343		342		341		340		339	
		338		337		336		335		334		333	
		332		331		330		329		328		327	
		326		325		324		323		322		321	
		320		319		318		317		316		315	
		314		313		312		311		310		309	
		308		307		306		305		304		303	
		302		301		300		299		298		297	
		296		295		294		293		292		291	
		290		289		288		287		286		285	
		284		283		282		281		280		279	
		278		277		276		275		274		273	
		272		271		270		269		268		267	
		266		265		264		263		262		261	
		260		259		258		257		256		255	
		254		253		252		251		250		249	
		248		247		246		245		244		243	
		242		241		240		239		238		237	
		236		235		234		233		232		231	
		230		229		228		227		226		225	
		224		223		222		221		220		219	
		218		217		216		215		214		213	
		212		211		210		209		208		207	
		206		205		204		203		202		201	
		200		199		198		197		196		195	
		194		193		192		191		190		189	
		188		187		186		185		184		183	
		182		181		180		179		178		177	
		176		175		174		173		172		171	
		170		169		168		167		166		165	
		164		163		162		161		160		159	
		158		157		156		155		154		153	
		152		151		150		149		148		147	
		146		145		144		143		142		141	
		140		139		138		137		136		135	
		134		133		132		131		130		129	
		128		127		126		125		124		123	
		122		121		120		119		118		117	
		116		115		114		113		112		111	
		110		109		108		107		106		105	
		104		103		102		101		100		99	
		98		97		96		95		94		93	
		92		91		90		89		88		87	
		86		85		84		83		82		81	
		80		79		78		77		76		75	
		74		73		72		71		70		69	
		68		67		66		65		64		63	
		62		61		60		59		58		57	
		56		55		54		53		52		51	
		50		49		48		47		46		45	
		44		43		42		41		40		39	
		38		37		36		35		34		33	
		32		31		30		29		28		27	
		26		25		24		23		22		21	
		20		19		18		17		16		15	
		14		13		12		11		10		9	
		8		7		6		5		4		3	
		2		1		0							

32.9113

VESSEL		PROJECT & LEG		DSOB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				38						
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	WIND DIR.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
39	5543.70 N	16900.69 W	02 SEP 00	1442	9.8	8.8	275	038	1		1456	
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS				
PRESS SN	5 8 5 5	DATA ON	Tape/Diskette ID		File Name/Header							
PRI TEMP SN	1713	START DOWN										
SEC TEMP SN	2866	AT DEPTH										
PRI COND SN	1473	AT SURFACE					Cleared air bleed valve					
SEC COND SN	529	PAR SIN	FLUOR SIN		CHIAM SIN		TRANS. SIN		MAX. DEPTH = m			
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	1423	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	Chlor	Nutrients	Chlor	PA + CDOM	HPLC	
2	1000				34.4665	34.87	20039	4130				
3	750							409				
4	500							402				
5	200							423				
6	100							405				
7	75							404				
8	50							403				
9	30							402				
10	20							401				
11	10							400				
12	0				32.7300	24039	51	419				

(82)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
Ron Brown		RB0007								39								
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIR/SPD (deg) (m/s)	WIND TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR									MIN	
40	55	48.01	N	169	06.48	W	02	S	E	P	0	16	52	10.0	9.0	X	2027	008421792
SBE9+09P852-0382 TIMES JD/TIME DATA ON PRESS SN 5 8 9 5 5 PRI TEMP SN 1713 SEC TEMP SN 2866 PRI COND SN 1473 SEC COND SN 529 CTD CONVERTED MONITOR VALUES PAR S/N FLUOR S/N CHLOR S/N TRANS. S/N File Name/Header Tape/Diskette ID Cleaned air bleed valve MAX. DEPTH = m																		
DATA LOCATION																		
REMARKS																		
UNIVERSITY OF ALASKA																		
DALHOUSIE																		
SAMPLE BOTTLE DATA																		
SAMPLE BOTTLE NUMBER																		
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	CHLOR	PROD	NUTRIENTS	CHLOR	PA+CDOM	HPLC						
1	1500 ✓			24.5058	24.5058	24.5058	SAL 33			NH4-N								
2	1000 ✓									440								
3	750 ✓									430								
4	500									438								
5	200									437								
6	100									436 ✓								
7	75									435 ✓								
8	50									434 ✓								
9	30									433 ✓								
10	20									432 ✓								
11	10									431 ✓								
12	0									430 ✓								

CHLOR 5 fr

32.8375

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D.		STATION DESIGNATION 41	
CONSC CAST #		LONGITUDE		DATE JD -		WET BULB	
DEG MIN		DEG MIN		DAY MO YR		(°C)	
43 55 49 . 08 N		169 19 . 71 W		03 SEP 00		7.7	
SBEG + 09P9852-0382		JD/TIME		TIME (GMT)		DRY BULB	
PRESS SN		DATA ON		HR MIN		(°C)	
5 8 5 5				0 2 5 2		8.5	
PRI TEMP SN		START DOWN		SEA STATE		PRESSURE	
1713				* * *		(mb)	
SEC TEMP SN		AT DEPTH		VISIBILITY		WIND DIRN.	
2866				* * *		(deg)	
PRI COND SN		AT SURFACE		WIND SPD.		(m/s)	
1473				* * *		2 1 0 0 6	
SEC COND SN		FLUOR SN		CLOUD (amt)		WEATHER	
529		PAR SN		* * *		* * *	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 1500		PRESSURE		PRI. TEMP.		CHLOR	
2 1000		1517		34.4991		N 4 7 2	
3 750		1011		34.32		4 7 1	
4 500		758		didn't trip		4 7 0	
5 200		505		didn't trip		4 6 9	
6 100		201		didn't trip		4 6 8	
7 80		101				4 6 7	
8 60		81				4 6 6	
9 40		60				4 6 5	
10 25		40		didn't trip		4 6 4	
11 25		24		didn't trip		4 6 3	
12 10		9.8		32.8229		4 6 2	
				32.82		4 6 2	

REMARKS

DATA LOCATION
 File Name/Header
 ct1043.dat
 Cleaned air bleed valve
 MAX. DEPTH = m
 CHAM SIN
 FLUOR SIN
 PAR SIN
 TRANS. SIN

LI 7.1 ml
 10 ml
 10 ml

BUCKET 0

N461 ✓

88

34.50
 34.32

32.8229

32.82

462 ✓

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
Ron Brown		RB0007				42											
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
0445545.82N	16927.49W	03SEP00	070410.5	9.2	11717	25006842	2371										
SBEG+09F9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN	58955	DATA ON	Tape/Diskette ID		File Name/Header												
PRI TEMP SN	1713	START DOWN			ctd044.dat												
SEC TEMP SN	2866	AT DEPTH															
PRI COND SN	1473	AT SURFACE															
SEC COND SN	529	PAR SN	FLUOR SN		CHIAM SN		TRANS. SN										
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC				
1	1500	1518		34.4945	34.49	34.35	ctd 44 deep			484							
2	1000	1010								483							
3	750	757								482							
4	500	504								481							
5	200	202								480							
6	100	101								479							
7	80	81						✓		478							
8	50	51	didn't	go				✓		477							
9	40	40								476							
10	20	19	didn't	go						475							
11	20	19.5						✓		474							
12	10	10					ctd 44 surface	✓		473							

bucket @

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION							
Ron Brown		RB0007								43							
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIR	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
045	55° 33.98' N	169° 23.45' W	03	SEP	01	1006	10.1	9.0	18.27	X	2	70	088	42	1998		
REMARKS																	
SBE9+09P852-0382																	
TIMES																	
DATA ON																	
START DOWN																	
AT DEPTH																	
AT SURFACE																	
Ctd converted monitor values																	
SEC COND SN	PAR SN	FLUOR SN	CHAM SN	TRANS. SN	MAX. DEPTH = m												
529					Cleared air bleed valve												
DATA LOCATION																	
File Name/Header																	
Tape/Diskette ID																	
SAMPLE BOTTLE DATA																	
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL. (D)	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	Dalhousie					
1 1500 ✓				34.5126	34.045			492				University of Alaska					
2 1400 ✓					bottom			495				Dalhousie					
3 1300 ✓								494				Dalhousie					
4 1200 ✓								493				Dalhousie					
5 1100 ✓								492				Dalhousie					
6 1000 ✓								491				Dalhousie					
7 800 ✓								490				Dalhousie					
8 600 ✓								489				Dalhousie					
9 400 ✓								488				Dalhousie					
10 200 ✓								487				Dalhousie					
11 50 ✓								486				Dalhousie					
12 0				32.7163				485				Dalhousie					

42

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
Ron Brown		RB0007				44										
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
46	5530.71 N	16931.05 W	03 SEP 00	1214	9.8	8.2	11727	X	27	25	058	42	094		44	
SB99+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN	5 8 9 5 5	DATA ON	Tape/Diskette ID		File Name/Header											
PRI TEMP SN	1713	START DOWN														
SEC TEMP SN	2866	AT DEPTH														
PRI COND SN	1473	AT SURFACE														
SEC COND SN	529	PAR SIN	FLUOR SIN	CHAM SIN	TRANS. SIN	MAX. DEPTH -	m									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER										
1	1520 ✓	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. 03	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC			
2	1000 ✓				34.5063		CTD 074			N 503						
3	750 ✓						50			506						
4	500 ✓									505						
5	200 ✓									504						
6	100 ✓									503						
7	75 ✓									502						
8	50 ✓									501						
9	30 ✓									500						
10	20 ✓									499						
11	10 ✓									498						
12	0									497						

(2)

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
Ron Brown		RB0007				45											
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
47	55 17.89 N	168 26.42 W	03 SEP 00	1650	10.0	8.1	11727	X	270	05	842	1732					
SBEG+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	1713	START DOWN				C1047.dat											
SEC TEMP SN	2866	AT DEPTH															
PRI COND SN	1473	AT SURFACE															
SEC COND SN	529	PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL (5)	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC				
2	1000				34.5037		34.5037			N 520							
3	750									519							
4	500									518							
5	200									517							
6	100									516							
7	75									515							
8	50									514							
9	30									513							
10	20									512							
11	10									511							
12	0									510							
										N 529							

96

VESSEL Ron Brown		PROJECT & LEG R80007				DSDB I.D.				STATION DESIGNATION 47													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 248		TIME (GMT)		WET BULB		WIND DIR.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
505521.12N		168 18.90W		04 SEP 00		025510.4		9.0 X 1727		250 09		782		1346									
SBE9+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS													
PRESS SN 5855		DATA ON		File Name/Header		ctd 050. dat		Cleared air bleed valve		MAX. DEPTH - m													
PRI TEMP SN 1713		START DOWN		0255																			
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1 1311		PRESSURE 1327		PRI. TEMP. didn't trip		SEC. TEMP 34.47		SALINITY 34.35		SALINITY		SAL (10) ctd 50 deep		Chlor		Nutrients 1550		Chlor		PA+CDOM		HPLC	
2 1000		1011		didn't trip		34.35																	
3 750		758				34.2061																	
4 500		505.5																					
5 200		202																					
6 100		101																					
7 60		60																					
8 40		40																					
9 30		30		didn't trip																			
10 20		20		didn't trip																			
11 20		20																					
12 10		10				32.58						ctd 50 surface											

this was 10 m above bottom according to altimeter

bucket 0

(9)

539

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION			
Ron Brown		RB0007								48			
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID
51	55 25.45 N	168 24.55 W	04 SEP 00	06 27	9.8	8.0	X 1637	200	12631	1001			
SBE9+09P9852-0382 TIMES JDTIME PRESS SN 5855 DATA ON PRI TEMP SN 1713 START DOWN SEC TEMP SN 2866 AT DEPTH 0627 PRI COND SN 1473 AT SURFACE SEC COND SN 529 PAR SIN FLUOR SIN CHIAM SIN POS. TRIP DEPTH CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE DATA SAMPLE BOTTLE NUMBER													
1	975	986	34.34										
2	750	757	34.19										
3	500	505	34.00										
4	200	202											
5	100	101											
6	80	80											
7	60	60											
8	40	40											
9	30	30											
10	20	20											
11	10	9.8											
12	10	9.8											

MoA mark late
 Prim S bad till 80 m
 restant cast

Cleaned air bleed valve

File Name/Header
 ctd051.dat

10 m above
 bottom according
 to altimeter

bucket

CTD 51
 SURF 51

101

551

551

551

University of Alaska				Dalhousie						
Pressure	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC
986			34.34	CTD 51 deep	102		N502			
757			34.19				561			
505			34.00				560			
202							559			
101							558			
80							557			
60							556	✓		
40							555	✓		
30							554	✓		
20							553	✓		
9.8							552			
9.8							-	✓		

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 49																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 248		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN		WIND SPD		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
525529.74 N		16830.26 W		104 SEP 08		0838		9.0		8.1		X1738				8		220		1583		21290									
SBE9+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS																			
PRESS SN 5855		DATA ON										CH050.dat		17eakr to ~80m but then reverses check air bleed valve																	
PRI TEMP SN 1713		START DOWN												Cleared air bleed valve																	
SEC TEMP SN 2866		AT DEPTH												MAX. DEPTH -		m															
PRI COND SN 1473		AT SURFACE												TRANS. SIN																	
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN		SAMPLE BOTTLE NUMBER																							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES																													
1 ✓ 1281		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL(03)		Chlor		Nutrients		Chlor		PA+CDOM		HPLC									
2 ✓ 1000								34.4553				SAL(03)																			
3 ✓ 750												N574		573		572		571		570		569		568		567		566			
4 ✓ 500												6		5		4		3		2		1		N563							
5 ✓ 200												32.6063																			
6 ✓ 100																															
7 ✓ 75																															
8 ✓ 50																															
9 ✓ 30																															
10 ✓ 20																															
11 ✓ 10																															
12 ✓ 0																															

11 off

- loose tube @ 10 conductivity -

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION							
Ron Brown		RB0007								50							
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIR. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR									
535534.04	N	16835.96	W	04	SEP	01	10	54	8.1	X	1548	205	1984	2	497		
SBE9+09P9852-0382 TIMES JD/TIME DATA ON _____ START DOWN _____ AT DEPTH _____ AT SURFACE _____ PAR S/N _____ FLUOR S/N _____ CHLOR S/N _____ SEC COND S/N 529 POS. TRIP DEPTH _____																	
DATA LOCATION File Name/Header _____ Tape/Diskette ID _____ MAX. DEPTH = _____ m <input checked="" type="checkbox"/> Cleaned air bleed valve REMARKS Cleaned air bleed valves but problem was loose tube & cap (51452)																	
CTD CONVERTED MONITOR VALUES																	
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	
1	412			33.8118							60			5884			
2	300										5			5884			
3	200										4			5884			
4	150										3			5884			
5	100										2			5884			
6	75										1			5884			
7	50													5884			
8	30													5884			
9	20													5884			
10	10													5884			
11	0													5884			
12	0													5884			

* 575 APPARENTLY NOT USED
 SO BOTTLE #'S ARE N576-586

all in 10 m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION															
Ron Brown		RB0007								52															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD -		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID				
5555	42.70 N	16847.89 W	4	9	0	1412	9.0	8.5	X	1247	215	1884	2	195											
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN	5	8	5	5	DATA ON																				
PRI TEMP SN	1713	START DOWN																							
SEC TEMP SN	2866	AT DEPTH																							
PRI COND SN	1473	AT SURFACE																							
SEC COND SN	529	PAR SN																							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																			
1	181	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY
2	150				33.2721																				
3	100																								
4	75																								
5	50																								
6	30																								
7	20																								
8	10																								
9	0																								
10	0																								
11																									
12																									

There may be level sed. 601 is empty

★ THERE WAS H₂O IN #604
I DON'T UNDERSTAND WHY IT IS
MARKED AS IF IT DONT TRIP.

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 53						
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD - 248		TIME (GMT)		WET BULB		WIND DIRM.		WIND SPD.			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	(amt)	TYPE		
565546.98 N	16853.16 W	04	SEP	00	1	606	9.1	8.3	X	1047	230	22	842	707		
SBEG + 09P9852-0382		JD/TIME		Tape/Diskette ID		DATA ON		Tape/Diskette ID		Tape/Diskette ID		Tape/Diskette ID		Tape/Diskette ID		
PRESS SN	5	8	9	5	5	START DOWN		AT DEPTH		AT SURFACE		MAX. DEPTH =		m		
PRI TEMP SN	1713														Cleaned air bleed valve	
SEC TEMP SN	2866															
PRI COND SN	1473															
SEC COND SN	529															
POS. TRIP DEPTH		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN		SAMPLE BOTTLE NUMBER		SAMPLE BOTTLE NUMBER		SAMPLE BOTTLE NUMBER		
CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		
1	680	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	34.1756	
2	500															
3	300															
4	150															
5	100															
6	75															
7	50															
8	30															
9	20															
10	10															
11	0															
12																

8 off bottom

32.8221
32.8221
(12)

VESSEL		PROJECT & LEG		DSOB I.D.		STATION DESIGNATION									
Ron Brown		RB0007				54									
CONSCAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIR	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
575551.24N	16858.94W	045E	1919	08.9	8.1	8.9	0757	X	0757	225	278	772	812		
SBE9+09P8652-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	1713	START DOWN													
SEC TEMP SN	2866	AT DEPTH													
PRI COND SN	1473	AT SURFACE													
SEC COND SN	529	PAR SN		FLUOR SN		CHIAM SN		TRANS. SN							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
1	740	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. (13)	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC		
2	750				34.2609		Chlor			626					
3	500 ✓									625					
4	200 ✓									624					
5	100 ✓									623					
6	75 ✓									622					
7	50 ✓									621					
8	30 ✓									620					
9	20 ✓									-					
10	20 ✓									619					
11	10 ✓									-					
12	0									618					
										617					

1134

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								55				
CONSCAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRM.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
58	55.54 N	169	04.72 W	04	21	57	9.0	9.0	230	26	87	6	12.91	
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN 58955		DATA ON				File Name/Header		column rotated to try + realign. Not really better.						
PRI TEMP SN 1713		START DOWN				ctd 058.dat		Bottles renumbered.						
SEC TEMP SN 2866		AT DEPTH						<input type="checkbox"/> Cleaned air bleed valve						
PRI COND SN 1473		AT SURFACE						MAX. DEPTH - m						
SEC COND SN 529		<input type="checkbox"/> PAR SN		<input type="checkbox"/> FLUOR SN		<input type="checkbox"/> CHAM SN		TRANS. SN						
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL (S)	Chlor	Chlor	Nutrients	Chlor	PA + CDOM	HPLC	
1	1334			34.456			ctd 58 deep			N638				
2	1011			34.35						637				
3	759			34.22						636				
4	505									635				
5	202									634				
6	101									633				
7	75.5	didn't	trip							632				
8	56.5									631				
9	31									630				
10	20			32.67						629				
11	10	didn't	trip	32.64						628				
12	0			32.603			ctd 58 surface			627				

(116)

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				55					
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIR	WIND SPD	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)			(m)	
59	55.54 N	16904.75 W	04 SEP 00	2305	9.1	230	24	876	1293		
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS			
PRESS SN	5 8 5 5	DATA ON	Tape/Diskette ID		File Name/Header		2nd to pick up		bottles that did not trip		
PRI TEMP SN	1713	START DOWN			ctd059.dat						
SEC TEMP SN	2866	AT DEPTH									
PRI COND SN	1473	AT SURFACE									
SEC COND SN	529	PAR SN	FLUOR SN		CNAM SN		TRANS. SN				
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	75	✓									
2	75	✓									
3	75	✓									
4	10	✓									
5	10	✓									
6	10	✓									
7											
8											
9											
10											
11											
12											

2nd to pick up bottles that did not trip

ctd059.dat

Cleaned air bleed valve

No sal bottles

didn't trip

N1632

N1628

University of Alaska

Dalhousie

HPLC

PA+CDOM

Chlor

Nutrients

Prod

Chlor

SAL

SALINITY

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 56													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 249		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0605558.75 N		16856.93 W		055E		0027		9.8		9.5		245		20		68		210		26			
SBE9+09P8852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		File Name/Header		REMARKS											
PRESS SN 5855		DATA ON				File Name/Header		ctd060.dat		Cleared air bleed valve		MAX. DEPTH - m		TRANS. SIN									
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN																					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1 500		505		33.9829		33.9829		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41	
2 200		202		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41	
3 100		101		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41	
4 75		76		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41		33.41	
5 50		50.5		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
6 40		40.5		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
7 30		30		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
8 20		20		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
9 15		15		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
10 15		15		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
11 10		10		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	
12 0		0		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip		didn't trip	

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VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								58				
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIR.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
06255	50.28 N	168	45.17 W	05	SEP	00	0445	9.0	255	22.5	6	1	150	
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN 5855		DATA ON		Tape/Diskette ID		down bottles								
PRI TEMP SN 1713		START DOWN		File Name/Header		ctd 062.dat								
SEC TEMP SN 2866		AT DEPTH				<input type="checkbox"/> Cleaned air bleed valve								
PRI COND SN 1473		AT SURFACE				MAX. DEPTH - m								
SEC COND SN 529		<input checked="" type="checkbox"/> PAR SN		<input type="checkbox"/> FLUOR SN		CHIAM SN		TRANS. SN						
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALTY	Chlor	Prod	Nutrients	Chlor	PA + CDDM	HPLC	
1	138			33.1932			ctd 062 deep			Al 664				
2	101	didn't trip		33.14										
3	101									666				
4	76									667				
5	50									666				
6	40									665				
7	30									664				
8	20									663				
9	15													
10	15			32.79						662				
11	10			32.79						661				
12	0			32.7890			ctd 062 surface (12)			660				

(12)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION							
Ron Brown		RB0007								59							
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIR/SPD		WIND WEATHER				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	TYPE	(m)			
063	55	45.94	N	168	39.69	W	05	06	09	9.9	8.2	X	07	47			
SBEG + 09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS							
PRESS SN	5	8	5	5	DATA ON		File Name/Header										
PRI TEMP SN	1713		START DOWN														
SEC TEMP SN	2866		AT DEPTH														
PRI COND SN	1473		AT SURFACE														
SEC COND SN	529		PAR SIN		<input checked="" type="checkbox"/>		FLUOR SIN										
POS. TRIP DEPTH		C/D CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
	(132)																
1	635	✓	33														
2	100	✓	101														
3	100	✓	101														
4	75	✓	75														
5	50	✓	50														
6	40	✓	40														
7	30	✓	✓														
8	20	✓	✓														
9	15	✓	✓														
10	15	✓	✓														
11	10	✓	32.81														
12	0	✓	32.8144														

CTD 63 Surface

670

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
Ron Brown		RB0007								60									
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD - 219		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	WEATHER	BOTTOM DEPTH					
064	55.41	.63	N	168	33.8	4	W	05	00	07	43	9.2	8.0	X	08	47	1	4	2
SB09+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		SEA STATE		PRESSURE		WIND DIRN.		WIND SPD.		WEATHER	
PRESS SN 5 8 9 5 5		DATA ON								* * *		* * *		* * *		* * *		* * *	
PRI TEMP SN 1713		START DOWN								* * *		* * *		* * *		* * *		* * *	
SEC TEMP SN 2866		AT DEPTH								* * *		* * *		* * *		* * *		* * *	
PRI COND SN 1473		AT SURFACE								* * *		* * *		* * *		* * *		* * *	
SEC COND SN 529		PAR SN		FLUOR SN		CHIAM SN		TRANS. SN		MAX. DEPTH -		m		CLEANED AIR BLEED VALVE					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA		Dalhousie		PA + CDOM		HPLC					
1	6	129	130	33.1973	33.18	32.75	32.7537	SA 124	Chlor	Prod	Nutrients	Chlor							
2	100	✓						Std 64											
3	100	✓						bottom											
4	75	74																	
5	50	✓																	
6	50	✓																	
7	30	✓																	
8	20	✓																	
9	10	✓																	
10	10	✓																	
11	0	2.8																	
12	0	2.8																	

(125)

VESSEL Ron Brown		PROJECT & LEG RB0007				DSD8 I.D.				STATION DESIGNATION 601											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD-249		TIME (GMT)		WET BULB	WIND DIRM.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	*	*	(m)						
65537	31	N	16828	23	W	05	S	E	P	0	0	845	9.6	8.0	X	0848	265	203	81	146	
SBE9+09P9852-0382 PRESS SN 5 8 5 5 PRI TEMP SN 1713 SEC TEMP SN 2866 PRI COND SN 1473 SEC COND SN 529																					
TIMES JD/TIME DATA ON _____ START DOWN _____ AT DEPTH _____ AT SURFACE _____ PAR SIN <input type="checkbox"/> FLOOR SIN <input checked="" type="checkbox"/> WEBSTER CHIAM SIN _____ MAX. DEPTH = _____ m TRANS. SIN _____																					
REMARKS File Name/Header _____ Tape/Diskette ID _____ Cleaned air bleed valve <input type="checkbox"/>																					
CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE DATA SAMPLE BOTTLE NUMBER																					
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC						
1 133 ✓				33.1703						Chlor (2) below		695									
2 100 ✓												—									
3 100 ✓												694									
4 75 ✓												693									
5 50 ✓												—									
6 50 ✓										5		692									
7 30 ✓										4		691									
8 20 ✓										3		690									
9 10 ✓												—									
10 10 ✓												689									
11 0												—									
12 0				32.7360						Chlor 5 ft. (2)		688									

128
 4 bottles (4)
 for kiddie pool

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 63							
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	WIND DIR. (deg)	WIND SPD. (m/s)	WIND TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR								MIN	(°C)
67	55.8	70 N	168	16.85	W	05	09	10	58	9.4	8.0	X	09	48	270	20261	270
SBE9+09P9852-0382 PRESS SN 5 8 5 5 PRI TEMP SN 1713 SEC TEMP SN 2866 PRI COND SN 1473 SEC COND SN 529																	
POS. TRIP DEPTH 1 25.4 2 10.0 3 10.0 4 7.5 5 5.0 6 5.0 7 3.0 8 2.0 9 1.0 10 1.0 11 0 12 0																	
CTD CONVERTED MONITOR VALUES SALINITY 33.3978 SEC. TEMP PRI. TEMP. PRESSURE SAL(37) Chlor 5 Chlor 4 Chlor 3 Chlor 2 Chlor 1																	
DATA LOCATION File Name/Header Tape/Diskette ID CLEANED AIR BLEED VALVE <input checked="" type="checkbox"/> MAX. DEPTH - m TRANS. SN CNAME SN FLUOR SN PAR SN																	
REMARKS ~																	
University of Alaska Dalhousie																	
Chlorophyll 711 710 709 708 707 706 705 704																	
PA + CDOM HPLC																	

(NO layers) (132) (NO Str. 0066)

VESSEL		PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION						
Ron Brown		RB0007								65						
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB	DRY BULB	WIND DIRN.	WIND SPD.	CLD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	*	*	(m)
695527.60	N	16803.55	W	5	S	E	P	0	1344	9.0	7.9	19261			169	
<p>SBE9+09P852-0382</p> <p>TIMES JD/TIME</p> <p>DATA ON _____</p> <p>START DOWN _____</p> <p>AT DEPTH _____</p> <p>AT SURFACE _____</p> <p>PAR S/N _____ FLUOR S/N _____</p> <p>FILE NAME/HEADER _____</p> <p>Tape/Diskette ID _____</p> <p>Cleaned air bleed valve <input type="checkbox"/></p> <p>MAX. DEPTH - m _____</p> <p>TRANS. S/N _____</p>																
CTD CONVERTED MONITOR VALUES																
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	CHLOR	CHLOR	NUTRIENTS	CHLOR	PA + COOM	HPLC	
1	155V				33.1454							707				
2	100V											707				
3	100V											706				
4	75V											705				
5	50V											724				
6	50V											723				
7	30V											700				
8	20V											-				
9	10V											721				
10	10V											-				
11	0											720				
12	0				32.7577							720				

(36) + Brown 17 kreddie pool

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 666													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-249		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(mis)	*	*	*	*			(m)			
705531	27N	168	09	19	W	5	SEP	00	15	02	8.8	7.6	X	09	47	300	20	26	1	148			
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS											
PRESS SN 5 8 5 5		DATA ON																					
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1	134	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY
2	100				33.1326																		
3	100																						
4	75																						
5	50																						
6	50																						
7	30																						
8	20																						
9	10																						
10	10																						
11	0																						
12	0				32.7738																		

NO redox pool sample

(LSP)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								67				
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
715536.23N	16815.01W	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	*	(m)	
		168	15	5	9	00	16	16	8.8	300	20	842	140	
SBE9+09P8852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header								
PRI TEMP SN	1713	START DOWN												
SEC TEMP SN	2866	AT DEPTH												
PRI COND SN	1473	AT SURFACE						Cleared air bleed valve						
SEC COND SN	529	PAR SIN		FLUOR SIN		CHAM SIN		MAX. DEPTH -		TRANS. SIN		m		
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
1	128 ✓	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SA ⁽³⁶⁾	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	100 ✓				33.0876			0.740			743			
3	100 ✓													
4	75 ✓										742			
5	50 ✓										741			
6	50 ✓													
7	30 ✓								5		740			
8	20 ✓								4		739			
9	10 ✓								3		738			
10	10 ✓								2					
11	0								1					
12	0								0.71					

(110) 8 bottles - par-l

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION										
Ron Brown		RB0007				RB0007				68										
CONSC	LATITUDE	LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
72	55.40.53 N	168.20	.70 W	5	SEP	0	17:38	8.9	7.4	1157	X	7	295	20	742		140			
SBE9+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS										
PRESS SN	5 8 9 5 5	DATA ON		File Name/Header																
PRI TEMP SN	1713	START DOWN																		
SEC TEMP SN	2866	AT DEPTH																		
PRI COND SN	1473	AT SURFACE																		
SEC COND SN	529	PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N												
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER														
1	12.6m	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. (4)	Chlor	Nutrients	Chlor	PA+CDOM	HPLC								
2	100m				33.0912		073		75.1											
3	100m								750											
4	75m								749											
5	50m								6											
6	50m								5											
7	30m								4											
8	20m								3											
9	10m								1											
10	10m								0											
11	0								077											
12	0								36											

9 Radio pool (142)

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				69						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD -	TIME (GMT)	WET BULB	WIND DIR	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
074	54.83 N	168.26 W	249	2115	7.9	295	18	661		142		
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)	(amt)	*	(m)		
SBEG + 09P9852-0382		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS				
PRESS SN	5 8 5 5	DATA ON		File Name/Header								
PRI TEMP SN	1713	START DOWN		ctd 074.dat								
SEC TEMP SN	2866	AT DEPTH										
PRI COND SN	1473	AT SURFACE										
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN		MAX. DEPTH -		m		
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		TRANS. SN				
		PRI TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC
1	6 150			33.1308		33.14			N765			
2	100			33.14					764			
3	100								763	✓		
4	75								762	✓		
5	50								761			
6	50								760	✓		
7	30								759			
8	20									✓		
9	10									✓		
10	10									✓		
11	0	3	didn't trip	32.75								
12	0	2.5	didn't trip	32.7492								

(44)

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D.		STATION DESIGNATION 71																							
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN		WIND SPD		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
755532.34 N		16808.48 W		06 SEP 00		0752		9.0		X 1457		X		240		32872		146											
SBEG + 09P8852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS																					
PRESS SN 5855		DATA ON		Tape/Diskette ID		File Name/Header		No Samples																					
PRI TEMP SN 1713		START DOWN																											
SEC TEMP SN 2866		AT DEPTH																											
PRI COND SN 1473		AT SURFACE																											
SEC COND SN 529		PAR S/N		FLUOR S/N		CHAM S/N		TRANS. S/N																					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																							
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + CDDM		HPLC									
1																													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

*No Samples
Cast at Colloc
site
19458*

5

VESSEL		PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION						
Ron Brown		RB0007								73						
CONSCAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIR/SPD.		WIND TYPE		BOTTOM DEPTH		
775525.71N	16204.37W	06	37	01	102	9.8	9.1	X	1567	260	29	872	221			
TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS								
SBE9+09P852.0382														200m SEBSCC		
PRESS SN	5 8 9 5 5	DATA ON														
PRI TEMP SN	1713	START DOWN														
SEC TEMP SN	2866	AT DEPTH														
PRI COND SN	1473	AT SURFACE												Cleared air bleed valve		
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN		TRANS. SN						MAX. DEPTH - m		
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER										
1	6002	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	Chlor	Nutrients	Chlor	PA + COOM	HPLC	
2	100				33.2843											
3	100															
4	75															
5	50															
6	50															
7	30															
8	20															
9	10															
10	10															
11	0															
12	0															

Coccoloth sample surface bottle 2 kiddie pool

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 74					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-		TIME (GMT)		WET BULB		WIND DIR		WIND SPD.	
785532.30 N		16745.95 W		6 SEP 0		1243		9.7		9.0		265		28.8	
SB99+09P9852-0382		TIMES		JO/TIME		Tape/Diskette ID		File Name/Header		PRESSURE		SEA STATE		WEATHER	
5 8 9 5 5		DATA ON								X 1467		* * *		* * *	
1713		START DOWN													
2866		AT DEPTH													
1473		AT SURFACE													
529		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
1 100V		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL (199)		Chlor		Nutrients	
2 100V								33.014		0.78				-	
3 75V														788	
4 50V														-	
5 50V														787	
6 30V														786	
7 20V														785	
8 10V														784	
9 10V														-	
10 0														783	
11 0														-	
12														782	

3 Riddio Pool
Only ~ half full

(190)

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D.		STATION DESIGNATION 75													
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO													YR
795539.01	N	16730.02	W	6	SEP	00	14	17	9.6	9.2	X	1567	285	298	72		138		
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS											
PRESS SN	5	8	5	5	DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN	1713		START DOWN																
SEC TEMP SN	2866		AT DEPTH																
PRI COND SN	1473		AT SURFACE								Cleared air bleed valve								
SEC COND SN	529		PAR SIN		<input type="checkbox"/>		FLUOR SIN		<input type="checkbox"/>		CHIAM SIN		<input type="checkbox"/>		TRANS. SIN				
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER													
1	122	SALINITY		32.9844		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
2	100	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
3	75	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
4	50	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
5	50	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
6	30	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
7	20	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
8	10	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
9	10	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
10	0	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
11	0	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
12	0	SALINITY				SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	

4 bottles from

(152)

32.3416

789

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
Ron Brown		RB0007								76									
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
805546.00N	16710.00W	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	(deg)	(ms)	*	*	(m)		
				6	9	00	16	11	9.9	9.3	X	15	56	270	25	875	140		
SB09+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS									
PRESS SN	5 8 9 5 5	DATA ON				File Name/Header													
PRI TEMP SN	1713	START DOWN																	
SEC TEMP SN	2866	AT DEPTH																	
PRI COND SN	1473	AT SURFACE																	
SEC COND SN	529	PAR SIN		<input checked="" type="checkbox"/>		FLUOR SIN		<input type="checkbox"/>		CHIAM SIN		<input type="checkbox"/>		TRANS. SIN					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER													
1	100V	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL/53	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC						
2	100V				32.9696		080 1007			802									
3	75V									801									
4	50V																		
5	50V									800									
6	30V									799									
7	20V									798									
8	10V																		
9	10V																		
10	0																		
11	0																		
12	(0)									080 080 154									

5 added pool
lost cap/shole me
from beam 5 bottle

Coccoliths 20m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION							
Ron Brown		RB0007				78							
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
825559.02N	16634.98W	06 SEP 00	1928	9.9	9.4	X 1456	260	25	872		132		
SBED+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS					
PRESS SN	58955	DATA ON		Tape/Diskette ID		File Name/Header		edit ow m1		pumps was on - just get bubbles?			
PRI TEMP SN	1713	START DOWN						Cleared air bleed valve					
SEC TEMP SN	2866	AT DEPTH											
PRI COND SN	1473	AT SURFACE											
SEC COND SN	529	PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N					
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA		DALHOUSIE				
1	100	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. (S)	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	100				32.8533		0.7			816			
3	75									815			
4	50									-			
5	50									814			
6	30									813			
7	20									812			
8	10									-			
9	10									811			
10	0									810			
11	0									0.8			
12	0									0.7			

? check pumps

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
Ron Brown		RB0007				79										
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
083	55.03 N	166.10.01 W	06 SEP 2000	2133	9.8	9.7	1656	56	270	27	875				128	
SBEG+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN 58955		DATA ON		Tape/Diskette ID		File Name/Header		No MDA entry. weather rough. Pumped at top then it left the water before last bottles tripped.								
PRI TEMP SN 1713		START DOWN				Chd 083.dat		Cleared air bleed valve								
SEC TEMP SN 2866		AT DEPTH 2133						MAX. DEPTH = m								
PRI COND SN 1473		AT SURFACE						TRANS. SIN								
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		UNIVERSITY OF ALASKA								
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		Dalhousie								
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. (‰)	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC				
1	110	✓		32.8636		CTD surface			N824							
2	110	✓	didn't trip	32.86					823							
3	75	✓					✓		822							
4	50	✓							821							
5	30	✓							820							
6	30	✓	didn't trip				✓									
7	20	✓	didn't trip													
8	20	✓					✓									
9	10	9.6														
10	10	9.7					✓		819							
11	0	4	didn't trip	32.19												
12	0	4		32.1897			✓		N818							

(162)

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION				
Ron Brown		RB0007				80				
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID
084560300N	16618.95W	075000	07 SEP 00	0017	9.8	270	26.8	72	123	
SBEG+09P9852-0382		JD/TIME		DATA LOCATION		REMARKS				
PRESS SN	5855	Tape/Diskette ID		File Name/Header		near whoo M3 should be				
PRI TEMP SN	1713			Ctd 084.dat						
SEC TEMP SN	2866									
PRI COND SN	1473									
SEC COND SN	529									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER				
1	610	PRESSURE	✓	PRI. TEMP.	SALINITY	SAL. (6)	Chlor	Nutrients	Chlor	HPLC
2	610	✓			32.845	Chl 84		N831		
3	75	75						N830		
4	50	✓						829	✓	
5	30	✓						818	✓	
6	30	✓						827	✓	
7	20	✓								
8	20	✓						826	✓	
9	10	✓								
10	10	✓								
11	0	2.5				Chl 84 Surface	✓			
12	0	2.5			32.1365	(162)	✓	N825	✓	bucket

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				81					
CONSCAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIR	WIND SPD	CLD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
085	16629.95N	16629.95W	07SEP00	0232	9.6	275	20.8	72		115	
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS			
PRESS SN	5855	DATA ON	Tape/Diskette ID		File Name/Header						
PRI TEMP SN	1713	START DOWN			ctd085.dat						
SEC TEMP SN	2866	AT DEPTH					Cleansed air bleed valve				
PRI COND SN	1473	AT SURFACE					MAX. DEPTH - m				
SEC COND SN	529	PAR SN	<input checked="" type="checkbox"/> FLUOR SN		CHIAM SN		TRANS. SN				
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
1	6103										
2	6103										
3	75										
4	50										
5	30										
6	30										
7	20										
8	20										
9	10										
10	10										
11	0	2.5									
12	0	2.0									

bucket

went off in the air

32.0647

833

834

835

836

837

N 838

CTD 85

Surface

1164

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

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N 838

CTD 85

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836

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N 838

CTD 85

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N 838

CTD 85

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833

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837

N 838

CTD 85

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N 832

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N 838

CTD 85

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N 832

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N 838

CTD 85

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N 832

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N 838

CTD 85

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N 832

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N 838

CTD 85

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N 832

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N 838

CTD 85

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1164

N 832

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834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

835

836

837

N 838

CTD 85

Surface

1164

N 832

833

834

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION									
Ron Brown		RB0007				82									
CONSC CAST #	LATITUDE	LONGITUDE	DATE	JD	TIME (GMT)	DRY BULB	WET BULB	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
0865609.95 N	16605.96 W	075 E	07	00	041410.0	19.5	17.5	X	1756	265	18	872		108	
SBE9+09F9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN 58955		DATA ON 0410		Tape/Diskette ID		File Name/Header		5 bottles didn't trip							
PRI TEMP SN 1713		START DOWN 0410				ctd 086.dat		A new record?							
SEC TEMP SN 2866		AT DEPTH						Cleared air bleed valve							
PRI COND SN 1473		AT SURFACE													
SEC COND SN 529		PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N							
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC		
1	696	✓			32.5274		0410 deep			N845					
2	696	✓	didn't trip							844					
3	75	✓						✓		N843					
4	50	✓													
5	30	✓	didn't trip												
6	30	✓	didn't trip												
7	20	19													
8	20	19.5						✓		N841					
9	10	✓	didn't trip												
10	10	✓	didn't trip					✓		N840					
11	0	2.5	didn't trip												
12	0	2.5			32.0129		0410 surface	✓		N839					

bucket

(166)

67 deep = 167

275 = 168

VESSEL		PROJECT & LEG				DSOB I.D.				STATION DESIGNATION						
Ron Brown		RB0007								83						
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
087	56 16.32 N	116 54.40 W	07	00	05	59	10.0	9.7	X	19	46	27	0	13	872	105
SB9 + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS								
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header										
PRI TEMP SN	1713	START DOWN				ctd 087. dat										
SEC TEMP SN	2866	AT DEPTH														
PRI COND SN	1473	AT SURFACE														
SEC COND SN	529	PAR SN		FLUOR SN		CHIAM SN										
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER										
1	82	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC			
2	83	✓	✓	didn't trip	32.4873		ctd 87			N852						
3	75	✓								851						
4	50	✓								850						
5	30	✓								849						
6	30	3065								848						
7	20	✓								847						
8	20	✓								847						
9	10	✓								846						
10	10	✓								N846						
11	0	7.5			31.9488		ctd 87									
12	0	2					Surface	✓								

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 85													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 25		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
85630.57 N		16459.82 W		7 SEP 00		0931		9.7		9.2		265		14		874		82					
SBE9 + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS											
PRESS SN 58955		DATA ON																					
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		<input checked="" type="checkbox"/>		FLUOR SIN		<input type="checkbox"/>		CHIAM SIN		<input type="checkbox"/>		TRANS. SIN									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1 d ✓		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL (A)		Chlor		Nutrients		Chlor		PA + CDOM		HPLC			
2 d ✓								32.0360		089				N866									
3 60 ✓												865											
4 50 ✓												4		864									
5 50 ✓												3		803									
6 30 ✓												200		862		→ No min							
7 20 ✓												-		-									
8 10 ✓												8		861									
9 10 ✓												-		-									
10 0								31.8750		089		1		860									
11 0										089													
12 0																							

Need to slow down
to 200 fms t-cline

Cleaned air bleed valve

(69)

2 kiddie pool

2000 m x 50 m

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION					
Ron Brown		RB0007								86					
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR							
905627	76	N	164	36	24	W	7	5	11	5	255	1287	H	78	
SBE9+09P9852-0382 PRESS SN 58955 PRI TEMP SN 1713 SEC TEMP SN 2866 PRI COND SN 1473 SEC COND SN 529															
DATA LOCATION File Name/Header Tape/Diskette ID Cleaned air bleed valve MAX. DEPTH - m TRANS. SIN CHAM SIN FLUOR SIN PAR SIN															
REMARKS DO was worse Sweeping. UJ132 & Corral															
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER						
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL	Chlor	Prod	Nutrients	Chlor	PA + CDDM	HPLC			
1	6070			32.0212		870									
2	6070								872						
3	500														
4	500						4		871						
5	300								870						
6	300														
7	200														
8	200								869						
9	100														
10	100								868						
11	0														
12	0				31.8679										

60 m b
60 m b

3 kiddie pool

VESSEL Ron Brown		PROJECT & LEG RB0007			DSDB I.D.			STATION DESIGNATION 87													
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	*	*	*	*	(m)				
91	5646.00	N	16420.00	W	7	SEP	00	1254	9.7	9.7	260	14.8	45	45	75						
SBEG+09P9852-0382 PRESS SN 58955 PRI TEMP SN 1713 SEC TEMP SN 2866 PRI COND SN 1473 SEC COND SN 529																					
TIMES											DATA LOCATION										
JO/TIME											File Name/Header										
DATA ON											Tape/Diskette ID										
START DOWN																					
AT DEPTH																					
AT SURFACE											Cleared air bleed valve										
PAR SIN											CHAM SIN										
FLUOR SIN											MAX. DEPTH - m										
TRANS. SIN																					
CTD CONVERTED MONITOR VALUES											SAMPLE BOTTLE NUMBER										
SAMPLE BOTTLE DATA											UNIVERSITY OF ALASKA										
Dalhousie											Dalhousie										
PRESSURE											SALINITY										
PRI. TEMP.											SEC. TEMP.										
SEC. TEMP.											SALINITY										
SALINITY											SALINITY										
CHLOR											CHLOR										
NUTRIENTS											NUTRIENTS										
PROD											PROD										
HPLC											HPLC										
1	64																				
2	64																				
3	50																				
4	50																				
5	30																				
6	30																				
7	20																				
8	20																				
9	10																				
10	10																				
11	0																				
12	0																				

Coccoliths Om
4 bradley pool

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 88													
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
925643.87 N		16353.04 W		7 SEP 00		1437		9.4		9.1		260		1387		3		76					
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS											
PRESS SN 58955		DATA ON																					
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1 64.0		PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAL. (7)		Chlor		Prod		Nutrients		Chlor		PA + CDOM		HPLC	
2 64.0								31.9507		992						884							
3 50.0												4				883							
4 50.0																882							
5 30.0																881							
6 30.0																880							
7 20.0												3											
8 20.0												1											
9 10												2											
10 10												1				N879							
11 0												1											
12 0								31.8299		0.14		1											

see Sal -
10.025 now

Cleaned air bleed valve

Coccoliths 0 to 50m 5 below pool

VESSEL Ron Brown		PROJECT & LEG RB0007				DSD8 I.D.				STATION DESIGNATION 89																			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 251		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
935656.52 N		16350.00 W		7 SE P 0 0		1606		9.1		9.0 X 1635		25015872		71															
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS																					
PRESS SN 58955		DATA ON		Tape/Diskette ID		File Name/Header		In Coccolith water																					
PRI TEMP SN 1713		START DOWN																											
SEC TEMP SN 2866		AT DEPTH																											
PRI COND SN 1473		AT SURFACE																											
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN																					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																							
1 59 ✓		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL (TP)		Chlor		Nutrients		Chlor		PA+CDOM		HPLC									
2 59 ✓								31.9239		0.3 bottom				890															
3 50 ✓												4		889															
4 50 ✓														888															
5 30 ✓														887															
6 30 ✓														886															
7 20 ✓														885															
8 20 ✓														884															
9 10 ✓														883															
10 10 ✓														882															
11 0														881															
12 0														880															

6 kiddie pool

(50)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
Ron Brown		RB0007								90								
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
94	56.53.27N	164.03.13W	7	SEP	00	1752	9.0	8.9	9.0	1646	X	240	6872	72				
SB09+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS										
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header		Murray 2										
PRI TEMP SN	1713	START DOWN																
SEC TEMP SN	2866	AT DEPTH						Cleaned air bleed valve										
PRI COND SN	1473	AT SURFACE						MAX. DEPTH - m										
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN		TRANS. SN										
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER												
1	601 ✓	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA+CDOM	HPLC		
2	612 ✓				31.9384													
3	50 ✓										4			246				
4	50 ✓													814				
5	30 ✓													893				
6	30 ✓													892				
7	20 ✓													892				
8	20 ✓													892				
9	10 ✓													892				
10	10 ✓													892				
11	0													892				
12	0				31.8445									892				

12ho did kiddo pool samples next cast

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 90													
CONSC CAST #		LONGITUDE		DATE JD		TIME (GMT)		WET BULB		PRESSURE		WIND DIRN		WIND SPD		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
955653.26 N		16403.13 W		13 SEP 00		1828.90		8.9		1646		240		16		872		72					
SBEG + 09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS													
PRESS SN 58955		DATA ON				File Name/Header				Rhoy cast													
PRI TEMP SN 1713		START DOWN								More 2													
SEC TEMP SN 2866		AT DEPTH								Cleared air bleed valve													
PRI COND SN 1473		AT SURFACE								MAX. DEPTH =		m											
SEC COND SN 529		PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + CDOM		HPLC			
1		5												1897									
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

add at 5m No Sal.

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D.		STATION DESIGNATION 90																							
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRM.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
0965653.28 N		16403.14 W		07 SEP 00		2130		9.0		11.447		X 1447		240		18872						72							
SBES9+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS																			
PRESS SN		DATA ON																											
PRI TEMP SN		START DOWN																											
SEC TEMP SN		AT DEPTH																											
PRI COND SN		AT SURFACE																											
SEC COND SN		PAR SN		FLUOR SN		CHIAM SN		TRANS. SIN																					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		NO SAL		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																					
1		50		✓		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA+CDDM		HPLC											
2		50		✓						✓																			
3		20		✓								1903																	
4		20		21										901															
5		15		✓										901															
6		15		✓										900															
7		10		✓																									
8		10		✓																									
9		7		✓																									
10		7		✓																									
11		4		✓																									
12		4		✓																									

2 buckets 0

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
Ron Brown		RB0007								91								
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	DRY BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										
0975701	02N	16413	03W	07S	07	SEP	00	23	00	9.1	8.9	X	1346	235	20876	70		
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS										
PRESS SN	5855	DATA ON				Tape/Diskette ID		File Name/Header										
PRI TEMP SN	1713	START DOWN																
SEC TEMP SN	2866	AT DEPTH																
PRI COND SN	1473	AT SURFACE																
SEC COND SN	529	PAR SIN																
POS. TRIP DEPTH		FLUOR SIN		CHAM SIN		TRANS. SIN		MAX. DEPTH - m										
		<input checked="" type="checkbox"/>																
		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER												
1	1600	✓																
2	1600	✓																
3	1500	✓																
4	1400	✓																
5	1300	✓																
6	1200	✓																
7	1100	✓																
8	1000	✓																
9	1000	✓																
10	1000	✓																
11	0	✓																
12	0	✓																

Fluorometer
par depth

bucket

(134)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION					
Ron Brown		RB0007								92					
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	WIND DIR. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR							
098	57	04.44	N	163	28.42	W	08	00	04	06	08	22	87	67	
SBE9+09P9852-0382 TIMES JD/TIME DATA ON _____ START DOWN _____ AT DEPTH 0406 AT SURFACE _____ PAR SIN <input type="checkbox"/> FLUOR SIN <input checked="" type="checkbox"/> CHLOR SIN _____ SEC COND SN 529 Tapes/Diskette ID _____ File Name/Header <i>ctd098.dat</i> Cleaned air bleed valve <input type="checkbox"/> MAX. DEPTH - _____ m TRANS. SIN _____															
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	CHLOR	PROD	NUTRIENTS	CHLOR	PA + CDOM	HPLC
1	655	✓			31.823										
2	655	✓										915			
3	50	✓								✓		914			
4	40	✓								✓					
5	35	✓										913			
6	30	✓													
7	20	✓										912			
8	20	✓								✓					
9	10	✓										911			
10	10	✓													
11	0	3								✓					
12	0	2.2			31.7167					✓		910			

*Thurmoire
- before
-*

bucket

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION			
Ron Brown		RB0007								93			
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	DRY BULB	WIND DIR	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
0995712	41 N	16304.62 W	08 SEP 00	0548	8.2	8.2	245	288	76		56		
<p>SBE9+09P9852-0382</p> <p>TIMES JD/TIME</p> <p>DATA ON 0546</p> <p>Tape/Diskette ID</p> <p>File Name/Header</p> <p>START DOWN</p> <p>AT DEPTH</p> <p>AT SURFACE</p> <p>PAR SIN <input type="checkbox"/> FLUOR SIN <input checked="" type="checkbox"/> CHIAM SIN <input type="checkbox"/></p> <p>SEC COND SN 529</p> <p>Cleaned air bleed valve</p> <p>MAX. DEPTH - m</p> <p>TRANS. SIN</p>													
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER				
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	
1	✓			31.6857		31.6857	✓		N920				
2	✓												
3	✓												
4	✓								919				
5	✓												
6	✓								918				
7	✓												
8	✓								917				
9	3.3												
10	3.1			31.5931			✓		N916				
11													
12													

University of Alaska
Dalhousie

VESSEL Ron Brown		PROJECT & LEG RB0007			DSD8 I.D.			STATION DESIGNATION 94												
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	WIND DIR. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR								MIN				
100	57	07.02	N	126	45	59.94	W	8	SEP	00	13	45	9.0	8.1	X	1147	00507873	72		
SBE9+09P852-0382 TIMES JD/TIME DATA ON _____ START DOWN _____ AT DEPTH _____ AT SURFACE _____ PAR S/N <input type="checkbox"/> FLUOR S/N <input checked="" type="checkbox"/> CHAM S/N _____ SEC COND SN 529 MAX. DEPTH = _____ m TRANS. SN _____ CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE DATA SAMPLE BOTTLE NUMBER																				
DATA LOCATION File Name/Header _____ Tape/Diskette ID _____ REMARKS wind-looking water-grey-green in the depths Cleaned air bleed valve <input type="checkbox"/>																				
University of Alaska Dalhousie Chlor Nutrients Chlor PA+CDOM HPLC																				
1	60v																			
2	60v																			
3	50v																			
4	50v																			
5	30v																			
6	30v																			
7	20v																			
8	20v																			
9	10v																			
10	10v																			
11	0																			
12	0																			

COCCOLITHS 0 m, 50 m
 4 kiddie pool (150)

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 95													
CONSC CAST #		LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1015725.00 N		116552.02 W		8 SEP 01		1705		8.1		7.5 X 1037		Var		028		872		69					
SPE9+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS													
PRESS SN 58955		DATA ON				File Name/Header				Cleaned air bleed valve													
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1 59 ✓		PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAL. (‰)		Chlor		Nutrients		Chlor		PA + CDOM		HPLC			
2 59 ✓						31.9052				10 bottom				932									
3 50 ✓												4		931		✓							
4 50 ✓														930		✓							
5 30 ✓														929									
6 30 ✓														3									
7 20 ✓														2									
8 20 ✓														1									
9 10														101									
10 10														54									
11 0														192									
12 0														N927									

VESSEL Ron Brown		PROJECT & LEG RB0007				DSD8 I.D.				STATION DESIGNATION 95																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1025725.17N		16552.96W		8 SEP 00		1911		7.2		7.1		X1027		VGA		02		8		42		72					
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN 5855		DATA ON																									
PRI TEMP SN 1713		START DOWN																									
SEC TEMP SN 2866		AT DEPTH		1911																							
PRI COND SN 1473		AT SURFACE																									
SEC COND SN 529		PAR SIN																									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		CHAM SIN		TRANS. SIN																	
1 20		SALINITY		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + CDOM		HPLC											
2 20		3100																									
3 10																											
4 10																											
5 15																											
6 15																											
7 7																											
8 7																											
9 4																											
10 4																											
11 0																											
12 0																											

Rho
MCA marked as Sta 95

Std 102. dat

No Sal.

Cleaned air bleed valve

University of Alaska

Dalhousie

PA + CDOM

HPLC

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION									
Ron Brown		RB0007								96									
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO													YR
1035	73	32.00	N	166	44.02	W	08	21	48	7.8	X	08	37	120	14	856	70		
SBE9+09P9852-0382																			
PRESS SN		5 8 5 5		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS									
PRI TEMP SN		1713		START DOWN				ctd103.dat											
SEC TEMP SN		2866		AT DEPTH		2148				Cleared air bleed valve									
PRI COND SN		1473		AT SURFACE						MAX. DEPTH = m									
SEC COND SN		529		PAR SIN		<input checked="" type="checkbox"/>		FLUOR SIN		CHAM SIN		TRANS. SIN							
CTD CONVERTED MONITOR VALUES																			
POS.	TRIP DEPTH	PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	60	✓								32.0554				ctd103		ctd103		ctd103	
2	60	✓												N943		N944		N944	
3	50	✓												✓					
4	50	✓														N943		N943	
5	30	✓														942		942	
6	30	✓														941		941	
7	20	✓																	
8	20	195																	
9	10	✓																	
10	10	✓																	
11	0	2																	
12	0	2																N939	

(194)

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION									
Ron Brown		RB0007				97									
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
1045738.03N	16736.98W	09 SEP 00	0045	8.1	7.8	X0536			130	158	46	71.			
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	1713	START DOWN													
SEC TEMP SN	2866	AT DEPTH													
PRI COND SN	1473	AT SURFACE													
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
1	10	✓	PRESSURE	✓	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	60	✓							Chlor						
3	50	49.5							✓						
4	50	✓													
5	30	✓													
6	30	✓													
7	20	✓													
8	20	✓													
9	10	✓													
10	10	✓													
11	0	2.1							CTD 104	✓					
12	0	2.1							Swif.	✓					

bucket

(196)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								98				
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD- 253		WET BULB (°C)	DRY BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO								
10557	46.00	N	16827.99	W	09	SEP	05	12	8.9	175	10876		72	
<p>SBE9+09P9852-0382</p> <p>TIMES JD/TIME</p> <p>DATA ON _____</p> <p>START DOWN _____</p> <p>AT DEPTH _____</p> <p>AT SURFACE _____</p> <p>PAR SIN <input type="checkbox"/> FLUOR SIN <input checked="" type="checkbox"/> CHIAM SIN _____</p>														
<p>DATA LOCATION</p> <p>Tape/Diskette ID _____</p> <p>File Name/Header <i>ctd105</i></p> <p>Pressure <i>ctd105</i></p> <p>SEA STATE * * _____</p> <p>VISIBILITY * * _____</p> <p>REMARKS <i>bottle 1 broke</i></p> <p><input type="checkbox"/> Cleaned air bleed valve</p> <p>MAX. DEPTH = _____ m</p> <p>TRANS. SIN _____</p>														
CTD CONVERTED MONITOR VALUES														
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	
1	✓													
2	✓			32.0925			ctd 105 sleep			N956				
3	✓						(103)							
4	✓							✓		955				
5	✓													
6	✓									954				
7	✓													
8	✓							✓		953				
9	✓													
10	✓						ctd 105 surface	✓		952				
11	3			32.0619				✓						
12	3.2			32.05				✓		951				

bad ?

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								101				
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRN.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
1085803.95N	168 43.59 W	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	(m)
						9	S	E	11	34	8.4	165	17	87
						0								
SBE9-09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS						
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header								
PRI TEMP SN	1713	START DOWN												
SEC TEMP SN	2866	AT DEPTH						Cleared air bleed valve						
PRI COND SN	1473	AT SURFACE						MAX. DEPTH - m						
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN		TRANS. SN						
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER									
1	10	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	10			32.4	32.4	1487	1487	1487			974			
3	50													
4	50								4		973			
5	40								X					
6	30								972					
7	20													
8	20													
9	10													
10	10													
11	0			31.9158					3		971			
12									2		970			
									1		969			

4 bottles pool
(1 for blank)

2:00 PM 2009

Remack below

Sample for camera only

VESSEL Ron Brown		PROJECT & LEG RB0007			DSDB I.D.			STATION DESIGNATION 99 <i>At sea</i>															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-		TIME (GMT)		WET BULB		WIND DIR./		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1095751.20N		16252.09W		9 SEP 01		1310		8.5		8.3		185		15873		5		73					
SBE9+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS													
PRESS SN 5855		DATA ON				File Name/Header																	
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR S/N		FLUOR S/N		CHAM S/N		TRANS. S/N															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA		Dalhousie		Chlor		Nutrients		Chlor		PA + CDOM		HPLC			
1 6 ✓		PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAL.		Chlor		Prod		Chlor		PA + CDOM		HPLC			
2 16 ✓																							
3 50 ✓																							
4 50 ✓																							
5 40 ✓																							
6 30 ✓																							
7 30 ✓																							
8 20 ✓																							
9 20 ✓																							
10 10 ✓																							
11 0																							
12																							

This was given the station number from the eelbeer occupied on the site since we were fishing in a station the camera had missed. Confusing either way (SM 99 oil 10a)

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 102													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 253		TIME (GMT)		WET BULB		WIND DIR.		WIND SPD.		WIND TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1105739.35N		16901.08W		1511		8.7		8.3		19021878		9446		9446		9446		9446		70			
SBE9+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS													
PRESS SN 5 8 5 5		DATA ON				File Name/Header																	
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR S/N		<input checked="" type="checkbox"/> FLUOR S/N		CHAM S/N		TRANS. S/N															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1 660		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL. 200		Chlor		Nutrients		Chlor		PA + CDOM		HPLC			
2 660								32.2429		110 bottom				980									
3 500												4		979									
4 500														978									
5 400														977									
6 300														976									
7 200														975									
8 200														974									
9 100														973									
10 100														972									
11 0								32.1133		110 500 200		1		N975									
12																							

ridio brown 7

last sm Mover 4 box

Cleaned air bleed valve

MAX. DEPTH - m

VESSEL		PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION				
Ron Brown		RB0007								103				
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRL.		WIND SPD.	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	(m)
1	55	6.6	169	17.9	10	SEP	00	01	59	8.8	X	250	20	78
SBE9+09P852-0382														
TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS				
PRESS SN		5 8 5 5						ctd III. dat		Fluorometer off. rosche pylon cleaned by ET Larry Bottle 12 - fixed + put back. Cleaned air bleed valve				
PRI TEMP SN		1713												
SEC TEMP SN		2866												
PRI COND SN		1473												
SEC COND SN		529												
CTD CONVERTED MONITOR VALUES														
POS. TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		UNIVERSITY OF ALASKA	
1	6	1208	1221				34.433					ctd III see 101		Dalhousie
2	1000	1011					34.35							
3	750	758												
4	100	101												
5	100	101												
6	50	✓												
7	50	✓											✓	
8	30	✓												
9	30	✓											✓	
10	0	2.5												
11	0	3												
12	0	2.5					32.7908						✓	

made later

208

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDOB I.D.		STATION DESIGNATION 105	
CONSC CAST #		LONGITUDE		DATE JD - 254		WIND DIRN. SPD.	
113		169 33.27 W		10 SEP 00		22 86 5	
LATITUDE		TIME (GMT)		WET BULB		WIND TYPE WEATHER	
55 50.13 N		07 47		7.9		5 219 6	
SBEG + 09P9852-0382		JD/TIME		Tape/Diskette ID		REMARKS	
PRESS SN 5 8 9 5 5		DATA ON		File Name/Header		depth sounder wacked	
PRI TEMP SN 1713		START DOWN					
SEC TEMP SN 2866		AT DEPTH				Cleared air bleed valve	
PRI COND SN 1473		AT SURFACE				MAX. DEPTH - m	
SEC COND SN 529		PAR S/N		FLUOR S/N		TRANS. S/N	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 1500 ✓		PRESSURE		SALINITY		Chlor	
2 1500 ✓		PRI. TEMP.		34.5046		Nutrients	
3 100 ✓		SEC. TEMP.				D5	
4 100 ✓		PAR. TEMP.				D4	
5 50 ✓		SEC. TEMP.				D3	
6 50 ✓		PRI. TEMP.				D2	
7 30 ✓		SEC. TEMP.				D1	
8 30 ✓		PAR. TEMP.		32.8973			
9 0		SEC. TEMP.					
10 0		PRI. TEMP.					
11		SEC. TEMP.					
12		PAR. TEMP.					

(21)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION						
Ron Brown		RBD007				RBD007				106						
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD-254		TIME (GMT)		WET BULB		WIND DIRN. SPD.		WIND WEATHER			
114	55	46.88 N	169	40.93 W	10	09	04	1004	7.2	24	295	762	2585	2585		
TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS		DATA LOCATION		SEA STATE		PRESSURE		
SB09+09P9852-0382		5 8 9 5 5		1713		2866		1473		529		57		57		
PRI COND SN	PAR S/N		FLUOR S/N		CHAM S/N		TRANS. S/N		MAX. DEPTH -		m		CLEANED AIR BLEED VALVE			
529	529		529		529		529		529		529		529		529	
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA		DALHOUSIE		PA + CDOM		HPLC			
1 1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. 213	Chlor	Prod	Nutrients	Chlor						
2 1500				34.4979		114 bottom			D10							
3 100									D9							
4 100									D8							
5 50									D7							
6 50																
7 30																
8 30																
9 10																
10 10				32.8273		114 SK										
11 10																
12 10																

VESSEL		PROJECT & LEG				OSOB I.D.				STATION DESIGNATION							
Ron Brown		RB0007								107							
CONSC CAST #	LATITUDE	LONGITUDE	DATE			TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
115	55 43.59 N	169 48.56 W	12	18	00	12:18	8.0	6.8	X0057	7	300	29	762	2519			
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN	1713	START DOWN															
SEC TEMP SN	2866	AT DEPTH															
PRI COND SN	1473	AT SURFACE															
SEC COND SN	529	PAR S/N	FLUOR S/N	CHIAM S/N	TRANS. S/N	MAX. DEPTH - m											
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
1	1500 ✓	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL. 500	Chlor	Nutrients	Chlor	PA + CDOM	HPLC					
2	1500 ✓				34.5039		115 bottom										
3	1000 ✓								DIS								
4	1000 ✓								DIS								
5	500 ✓								DIS								
6	500 ✓								DIS								
7	300 ✓								DIS								
8	300 ✓								DIS								
9	0																
10	0				32.7102		115		DIS								
11							52										
12																	

VESSEL		PROJECT & LEG				DSDDB I.D.				STATION DESIGNATION										
Ron Brown		RB0007								111										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD - 254		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		BOTTOM DEPTH					
119	DEG MIN	DEG MIN	HR	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	(m)	WEATHER	STA. NAME/ID				
	55	36.10	N	169	50.49	W	10	S	E	P	0	2255	10.5	8.0	X	1047	2850			
SBEG + 0999852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS										
PRESS SN	5	8	5	5	File Name/Header		ctd119.dat													
PRI TEMP SN	1713	START DOWN																		
SEC TEMP SN	2866	AT DEPTH		2255																
PRI COND SN	1473	AT SURFACE																		
SEC COND SN	529	PAR S/N		FLUOR S/N		CINAM S/N		TRANS. S/N												
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER															
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC							
2	1500	1519	deduct trip		34.507	34.5094	223			10										
3	100	101	deduct trip							9										
4	100	102								9										
5	50	✓								7										
6	50	✓								6										
7	30	20.5																		
8	30	30.5																		
9	0	3.3				32.8003														
10	0	3.4	deduct trip		28.1															
11																				
12																				

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VESSEL Rort Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 112			
CONSC CAST #		LONGITUDE		DATE JD - 255		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.	
120		169 42 . 88 W		11 SEP 00		01 02		8.4		255		16 241	
SBEG + 09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS		CLOUD (amt)	
PRESS SN 5 8 9 5 5		DATA ON										WEATHER	
PRI TEMP SN 1713		START DOWN										TYPE	
SEC TEMP SN 2866		AT DEPTH										SPD. (m/s)	
PRI COND SN 1473		AT SURFACE										WIND DIRN. (deg)	
SEC COND SN 529		PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N				WIND SPD. (mi/s)	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		UNIVERSITY OF ALASKA		Dalhousie				WIND DIRN. (deg)	
1 1500		PRESSURE 1519		SALINITY 34.5084		SALINITY		SAL. 34.5084		Chlor		WIND SPD. (mi/s)	
2 1500		PRESSURE 1519						Chlor		Nutrients		WIND DIRN. (deg)	
3 100		PRESSURE 101		didnt trip				Chlor		Prod		WIND DIRN. (deg)	
4 100		PRESSURE 101		didnt trip				Chlor		Prod		WIND DIRN. (deg)	
5 50		PRESSURE 50		didnt trip				Chlor		Prod		WIND DIRN. (deg)	
6 50		PRESSURE 50		didnt trip				Chlor		Prod		WIND DIRN. (deg)	
7 30		PRESSURE 30						Chlor		Prod		WIND DIRN. (deg)	
8 30		PRESSURE 30						Chlor		Prod		WIND DIRN. (deg)	
9 10		PRESSURE 10						Chlor		Prod		WIND DIRN. (deg)	
10 10		PRESSURE 10		didnt trip				Chlor		Prod		WIND DIRN. (deg)	
11 0		PRESSURE 4.5						Chlor		Prod		WIND DIRN. (deg)	
12 0		PRESSURE 4						Chlor		Prod		WIND DIRN. (deg)	

bucket

✓ ✓ ✓ ✓ ✓

CFR 100
SANS.
(236)

VESSEL Ron Brown		PROJECT & LEG RB0007				OSDB I.D.				STATION DESIGNATION 113													
CONC CAST #		LATITUDE		LONGITUDE		DATE JD - 255		TIME (GMT)		WET BULB		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
121		55 4 2.58 N		169 35.19 W		11 SEP 00		05 26		8.2		230		207		6		22641					
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS															
PRESS SN 5 8 5 5		DATA ON		Tape/Diskette ID		File Name/Header																	
PRI TEMP SN 1713		START DOWN				ctd121.dat																	
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN															
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		UNIVERSITY OF ALASKA		DALHOUSIE															
1 1500		PRESSURE 1517		PRI. TEMP.		SEC. TEMP.		SALINITY 34.5046		SALINITY		SAL. deep		Chlor		Nutrients		Chlor		PA + CDDM		HPLC	
2 1500		PRESSURE 1518														5							
3 100		PRESSURE 101.5		didn't		trip										4							
4 100		PRESSURE 101																					
5 50		PRESSURE ✓																					
6 50		PRESSURE ✓																					
7 30		PRESSURE ✓																					
8 30		PRESSURE ✓																					
9 10		PRESSURE ✓																					
10 10		PRESSURE ✓																					
11 0		PRESSURE 3																					
12 0		PRESSURE 2						32.7942				07121 SURS											

(23)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION													
Ron Brown		RB0007				255				114													
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	WIND DIRN (deg)	WIND SPD. (m/s)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR									MIN						
122	55	45.86	N	169	27	56	W	11	56	P	00	07	36	9.7	8.5	X	09	47	23	8	62	2371	
SBEG+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN 58955		DATA ON						ctd 122.dat		Cleared air bleed valve													
PRI TEMP SN 1713		START DOWN		0700						MAX. DEPTH - m													
SEC TEMP SN 2866		AT DEPTH								TRANS. SIN													
PRI COND SN 1473		AT SURFACE								CHIAM SIN													
SEC COND SN 529		PAR SIN								FLUOR SIN													
POS. TRIP DEPTH	PRESSURE		PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	Chlor	Chlor	Nutrients	Chlor	PA + CDOM	HPLC									
	1500	1500	0	0	0	0	0	0	0	0	0	0	0	0									
1	1500	1517																					
2	1500	1517																					
3	0																						
4	0																						
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

Coccolith 6m

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION									
Ron Brown		RB0007				115									
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	WIND DIRN (deg)	WIND SPD (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR							
183554	55	41.53	N	169	21.88	W	11	S	00	09	43	9.3	8.7	258	6P2594
SBE9+09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS					
PRESS SN 58955		DATA ON						File Name/Header		Only salinity					
PRI TEMP SN 1713		START DOWN								Jelly in 10' water					
SEC TEMP SN 2866		AT DEPTH								Cleaned air bleed valve used					
PRI COND SN 1473		AT SURFACE								MAX. DEPTH - m					
SEC COND SN 529		PAR SN		FLUOR SN		CHIAM SN		TRANS. SN							
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA								
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	Chlor	Nutrients	Chlor	PA+CDOM	HPLC	Dalhousie			
1 1500				34.5062			12.3								
2 1500				32.8623			12.3								
3 0				32.8618			12.3								
4 0															
5															
6															
7															
8															
9															
10															
11															
12															

No Nuts

VESSEL		PROJECT & LEG		OSOB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				116						
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
124	53.25 N	169.16 W	11 SEP 00	1148	8.2		240	21	865	2289		
SB9+09P9852-0382		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS				
PRESS SN	58955	DATA ON		File Name/Header								
PRI TEMP SN	1713	START DOWN										
SEC TEMP SN	2866	AT DEPTH										
PRI COND SN	1473	AT SURFACE										
SEC COND SN	529	PAR SN		FLUOR SN		CHIAM SN		MAX. DEPTH -		TRANS. SIN		
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2	1500				34.5145							
3	0											
4	0				32.8613							
5												
6												
7												
8												
9												
10												
11												
12												

No Nuts

ctd 124 deep

ctd 124 surf?

(23)

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VESSEL		PROJECT & LEG		OSDB I.D.		STATION DESIGNATION							
Ron Brown		RB0007		117									
CONC CAST #	LATITUDE	LONGITUDE	DATE JD -	TIME (GMT)	DRY BULB	WET BULB	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
125	55 32.92 N	169 10.42 W	11 SEP 00	1353	9.5	8.7	X 0746	245	1766	3	1910		
TIMES		JD/TIME	Tape/Diskette ID		DATA LOCATION		REMARKS						
SBEG + 09P9852-0382							Interleaving ~120-150m						
PRESS SN	5 8 5 5	DATA ON	File Name/Header										
PRI TEMP SN	1713	START DOWN											
SEC TEMP SN	2866	AT DEPTH											
PRI COND SN	1473	AT SURFACE					Cleaned air bleed valve						
SEC COND SN	529	PAR SN	FLUOR SN	CHAM SN	TRANS. SN								
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER								
1 1500 ✓	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	Chlor	Nutrients	Chlor	PA + CDOM	HPLC			
2 1500 ✓				34.5099		135							
3 0													
4 0				32.8394									
5													
6													
7													
8													
9													
10													
11													
12													

16 Nuts

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VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
Ron Brown		RB0007								118								
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB (°C)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										MIN
126	55	28.62	N	69	04.66	W	11	15	59	9.7	8.8	X	07	47	255	18	872	2035
SB9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS										
PRESS SN	5	8	5	5	DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	1713		START DOWN															
SEC TEMP SN	2866		AT DEPTH															
PRI COND SN	1473		AT SURFACE															
SEC COND SN	529		PAR SIN															
POS. TRIP DEPTH		FLUOR SIN		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER										
								No Nuts										
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC				
1	1500				34.5027			ctd 126 surf.?										
2	1500																	
3	0																	
4	0				32.7689			ctd 126 surf.?										
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

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0 10 30 50

VESSEL		PROJECT & LEG		DSDDB I.D.		STATION DESIGNATION					
Ron Brown		RB0007				119					
CONC CAST #	LATITUDE	LONGITUDE	DATE JD - 255	TIME (GMT)	WET BULB	WIND DIR.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
127	55 25.35 N	169 12.28 W	11 SEP 00	18 11	8.1	250	206	112277			
DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)		(m)		
SBEG + 09P9852-0382		JD/TIME		Tape/Diskette ID		DATA LOCATION		REMARKS			
PRESS SN	5 8 9 5 5	DATA ON		File Name/Header							
PRI TEMP SN	1713	START DOWN									
SEC TEMP SN	2866	AT DEPTH									
PRI COND SN	1473	AT SURFACE				Cleared air bleed valve					
SEC COND SN	529	PAR SN	FLUOR SN	CHAM SN	TRANS. SN	MAX. DEPTH - m					
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		UNIVERSITY OF ALASKA				
1 1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
2 1500				34.5027							
3 50											
4 50											
5 30											
6 30											
7 10											
8 10											
9 0											
10 0				32.7689							
11											
12											

No Nets

CTD 127 deep?

CTD 127 Surf?

128

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				124						
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
132553	1.84N	16944.65W	12 SEP 00	1150	7.3	6.2	225	22	63	63	2702	
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS				
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header						
PRI TEMP SN	1713	START DOWN										
SEC TEMP SN	2866	AT DEPTH										
PRI COND SN	1473	AT SURFACE						Cleared air bleed valve				
SEC COND SN	529	PAR SN		FLUOR SIN		CHIAM SIN		TRANS. SIN		MAX. DEPTH - m		
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Nutrients	Chlor	PA + CDOM	HPLC	
2	1500				34.5104	13.2 (247)		15				
3	100											
4	100							14				
5	50											
6	50							13				
7	30											
8	30							2				
9	0											
10	0				32.8060	5.2 (247)		11				
11						2.98						
12												

VESSEL		PROJECT & LEG				OSDB I.D.				STATION DESIGNATION					
Ron Brown		RB0007								125					
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
1335528	55° 28' N	169° 52' 20" W	12	20	12	20	14	08	6.5	240	19	7	2	2799	
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS							
PRESS SN	58955	DATA ON		Tape/Diskette ID		File Name/Header									
PRI TEMP SN	1713	START DOWN													
SEC TEMP SN	2866	AT DEPTH						Cleared air bleed valve							
PRI COND SN	1473	AT SURFACE						MAX. DEPTH = m							
SEC COND SN	529	PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN							
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER						
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC			
2	1500				34.5030	13.240			10						
3	100								9						
4	100								8						
5	50								7						
6	50								6						
7	30														
8	30														
9	0														
10	0				32.6134	13.5									
11						250									
12															

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VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION				
Ron Brown		RB0007								126				
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		WET BULB	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
137	5525.30 N	169	59.80 W	12	SEP	00	1622	6.5	260	20	3	22	2794	
REMARKS														
SB99+09P9852-0382														
PRESS SN	5 8 5 5		DATA ON		Tape/Diskette ID									
PRI TEMP SN	1713		START DOWN		File Name/Header									
SEC TEMP SN	2866		AT DEPTH		Cleared air bleed valve									
PRI COND SN	1473		AT SURFACE		MAX. DEPTH - m									
SEC COND SN	529		FLUOR SIN		CHAM SIN									
CTD CONVERTED MONITOR VALUES														
POS. TRIP DEPTH	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER									
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prof	Nutrients	Chlor	PA+CDOM	HPLC		
1	1500 ✓			34.4917		13.4								
2	1500 ✓								100					
3	100 ✓								109					
4	100 ✓								108					
5	50 ✓								107					
6	50 ✓								107					
7	30 ✓								107					
8	30 ✓			32.5362					106					
9	0													
10	0													
11														
12														

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 127			
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(deg)	(m/s)	CLOUD (amt)	WEATHER
135	55.20	169	54.16	12	SEP	00	21	17	10.0	340	20	49	12637
SBE9 + 09P8652-0382		JD/TIME		TAPES/DISKETTE ID		FILE NAME/HEADER		REMARKS					
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header							
PRI TEMP SN	1713	START DOWN				ctd 135.dat							
SEC TEMP SN	2866	AT DEPTH						Cleared air bleed valve					
PRI COND SN	1473	AT SURFACE						MAX. DEPTH = m					
SEC COND SN	529	PAR SIN		FLUOR SIN		CHAM SIN		TRANS. SIN					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC
1	100	✓											
2	100	✓											
3	100	✓									✓		
4	50												
5	50			didn't trip							✓		
6	50												
7	30										✓		
8	30	✓											
9	30	✓											
10	10	9.5		didn't trip							✓		
11	10	9											
12	10	9											

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No Sal No Nuts

bucket

VESSEL Ron Brown		PROJECT & LEG RB0007			DSDB I.D.			STATION DESIGNATION 128																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 256		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID					
136		55 24.724 N		169 46.53 W		12 SEP 00		23 25		7.0		X 0557		325		2168		2700															
SBE9+09P852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		Ctd 136		Cleared air bleed valve		MAX. DEPTH =		m		TRANS. SIN															
PRESS SN		5 8 5 5		DATA ON		22 50																											
PRI TEMP SN		1713		START DOWN		22 50																											
SEC TEMP SN		2866		AT DEPTH		23 25																											
PRI COND SN		1473		AT SURFACE		00 00																											
SEC COND SN		529		PAR SIN		FLUOR SIN		CHAM SIN																									
POS. TRIP DEPTH																																	

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																			
Ron Brown		RB0007				130																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE	TIME (GMT)	WET BULB	WIND DIRNL	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID												
	DEG	MIN	DEG	MIN	DAY	HR	(°C)	(deg)	(mis)	*	*	(m)													
138	55	30.7	2N	169	31.4	1	W	13	S	E	P	0	03	40	9.0	7.1	X	08	57	345	20	68	12	094	
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS																	
PRESS SN	5	8	5	5	DATA ON		Tape/Diskette ID		File Name/Header																
PRI TEMP SN	1713	START DOWN																							
SEC TEMP SN	2866	AT DEPTH						Cleared air bleed valve																	
PRI COND SN	1473	AT SURFACE						MAX. DEPTH - m																	
SEC COND SN	529	PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N																	
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																				
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Nutrients	Chlor	PA + CDDM	HPLC															
1											Dalhousie														
2											University of Alaska														
3											Prod														
4											Chlor														
5											SAL.														
6											SALINITY														
7											SALINITY														
8											SALINITY														
9											SALINITY														
10											SALINITY														
11											SALINITY														
12											SALINITY														

VESSEL Ron Brown		PROJECT & LEG RB0007				DSD8 I.D.				STATION DESIGNATION 132											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 257		TIME (GMT)		WET BULB		WIND DIR.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1405523.20 N		16933.16 W		13 SEP 00		0759		8.6		6.5		325		336		12598					
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN 5855		DATA ON				START DOWN				ctd140.dat											
PRI TEMP SN 1713		AT DEPTH				AT SURFACE				Cleaned air bleed valve											
SEC TEMP SN 2866		AT SURFACE				PAR S/N		FLUOR S/N		CHAM S/N		TRANS. S/N									
PRI COND SN 1473		MAX. DEPTH -		m																	
SEC COND SN 529																					
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER															
1 1500		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + CDOM		HPLC	
2 1500																					
3 0												RHO									
4 0												3									
5 0																					
6																					
7																					
8																					
9																					
10																					
11																					
12																					

(Ladder pool 3)

VESSEL Ron Brown		PROJECT & LEG RB0007			DSDB I.D.			STATION DESIGNATION 133										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD - 257		TIME (GMT)	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO												
1415519.94 N	16940.79 W	13	SEP	0	10	01	8.2	6.6	X0847	305	15718	2606						
SBE9 + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS										
PRESS SN	5855	DATA ON		Tape/Diskette ID		File Name/Header												
PRI TEMP SN	1713	START DOWN																
SEC TEMP SN	2866	AT DEPTH																
PRI COND SN	1473	AT SURFACE						Cleared air bleed valve										
SEC COND SN	529	PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN		MAX. DEPTH ~ m								
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER												
		PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC						
1	0						✓											
2	0																	
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

Reddus pool 4

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION								
Ron Brown		RB0007								134								
CONSC CAST #	LATITUDE	LONGITUDE		DATE		TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
1425516.71N	16948.32W	13	SEP	00	1201	7.6	6.5	X0947			*	*	270	076	63	22	2386	
SBE9+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS										
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header												
PRI TEMP SN	1713	START DOWN																
SEC TEMP SN	2866	AT DEPTH																
PRI COND SN	1473	AT SURFACE																
SEC COND SN	529	PAR SIN		FLUOR SIN		CHAM SIN												
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER												
1	0	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC						
2	0						✓	+										
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		

5 kiddie pool

VESSEL Ron Brown		PROJECT & LEG RB0007				DSD8 I.D.				STATION DESIGNATION 135																									
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	*	*	*	*	*	(m)										
143	55	12.39	N	169	42.72	W	13	S	E	0	14	10	8.8	7.3	X	0947			290	086					4222	99									
SB09-09P9852.0382		TIMES		JD/TIME		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS																							
PRESS SN 5 8 9 5 5		START DOWN		AT DEPTH		AT SURFACE		PAR SIN		FLUOR SIN		CHLOR SIN		TRANS. SIN		Cleansed air bleed valve																			
PRI TEMP SN 1713		SEC TEMP SN 2866		PRI COND SN 1473		SEC COND SN 529		MAX. DEPTH -		m																									
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																													
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + COOM		HPLC															
1	0																																		
2	0																																		
3																																			
4																																			
5																																			
6																																			
7																																			
8																																			
9																																			
10																																			
11																																			
12																																			

Rodde pool 6

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDOB I.D.				STATION DESIGNATION 137													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1455518.88 N		16927.59 W		13 SEP 00		1831		8.5		7.0		300		056		22558							
SBEG+09P9852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS											
PRESS SN 5 8 9 5 5		DATA ON																					
PRI TEMP SN 1713		START DOWN																					
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE																					
SEC COND SN 529		PAR SIN		FLUOR SIN		CHIAM SIN		TRANS. SIN		MAX. DEPTH =		m											
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																	
1		PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SAL.		Chlor		Nutrients		Chlor		PA + CDDM		HPLC			
2																							
3																							
4																							
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							

bradley pool below

VESSEL		PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION							
Ron Brown		RB0007								139							
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(ms)	(m)			
147552	1.07	N	16906.54	W	13	SEP	00	22	34	11.0	8.7	X0837	VAR	LT			
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION		REMARKS									
PRESS SN	5	8	5	5	Tape/Diskette ID		File Name/Header										
PRI TEMP SN	1713						cfd 147.dat										
SEC TEMP SN	2866														Cleared air bleed valve		
PRI COND SN	1473														MAX. DEPTH = m		
SEC COND SN	529														TRANS. SN		
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER											
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Chlor		Nutrients		Chlor	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	

VESSEL Ron Brown		PROJECT & LEG RB0007				DSDB I.D.				STATION DESIGNATION 140			
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIRN.		WIND SPD.	
1485517.83N		16914.11W		14 SEP 00		003416.1		11.5		VAR		LT 4612426	
SBE9+09P9852-0382		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS		Sun on thermometer!			
PRESS SN 58955		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR SN		FLUOR SIN	
PRI TEMP SN 1713												Cleared air bleed valve	
SEC TEMP SN 2866												MAX. DEPTH - m	
PRI COND SN 1473												TRANS. SIN	
SEC COND SN 529													
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER			
		PRI. TEMP.		SEC. TEMP		SALINITY		SAL.		Chlor		Nutrients	
1												Chlor	
2												PA + CDOM	
3												HPLC	
4													
5													
6													
7													
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				141						
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD-	TIME (GMT)	WET BULB	WIND DIRN.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)			(m)		
14955.14.61 N	169 21.69 W	14 SEP 00	0231	10.4	7.7	X 0737	LT 561			2370		
TIMES		JO/TIME		DATA LOCATION		REMARKS						
SBEG + 09P852-0382				Tape/Diskette ID								
PRESS SN	5 8 9 5 5	DATA ON		File Name/Header								
PRI TEMP SN	1713	START DOWN										
SEC TEMP SN	2866	AT DEPTH										
PRI COND SN	1473	AT SURFACE						Cleared air bleed valve				
SEC COND SN	529	PAR S/N	FLUOR S/N	CHAM S/N	TRANS. S/N	MAX. DEPTH -		m				
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAL.	Chlor	Prod	Nutrient	Chlor	PA + CDOM	HPLC
1												
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

University of Alaska, Dalhousie