

Casts 1-6 deck avg 24 (chromship's cast)
 " " depth is below keel (15.6m) winds are knots
 >6 But 10m - above altimeter data implies that
 depth
 avg
 Conc'd
 Dnt
 add
 5.6

VESSEL Ron Brown		PROJECT & LEG RB0007		DSDB I.D. N.A.		STATION DESIGNATION 002	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD -		TIME (GMT)
	DEG	MIN	DEG	MIN	DAY	MO	
001	5322.04	N	16843.99	W	08	08	00
SBE9+09P9852-0382							
PRESS SN	5 8 9 5 5		DATA ON		Tape/Diskette ID		
PRI TEMP SN	1713		START DOWN		File Name/Header		
SEC TEMP SN	2868		AT DEPTH				
PRI COND SN	1473		AT SURFACE				
SEC COND SN	529		PAR SIN		FLUOR SIN		CHAM SIN
POS. TRIP DEPTH				SAMPLE BOTTLE DATA			
CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE NUMBER			
PRESSURE				UNIVERSITY OF ALASKA			
PRI. TEMP.				Dalhousie			
SEC. TEMP.				Chlor			
SALINITY				Nutrients			
SAL.				Prod			
PA + CDOM				Chlor			
HPLC				Nutrients			
1	✓	✓	✓	✓	✓	✓	✓
2	✓	✓	✓	✓	✓	✓	✓
3	✓	✓	✓	✓	✓	✓	✓
4	✓	✓	✓	✓	✓	✓	✓
5	✓	✓	✓	✓	✓	✓	✓
6	✓	✓	✓	✓	✓	✓	✓
7	✓	✓	✓	✓	✓	✓	✓
8	✓	✓	✓	✓	✓	✓	✓
9	✓	✓	✓	✓	✓	✓	✓
10	✓	✓	✓	✓	✓	✓	✓
11	✓	✓	✓	✓	✓	✓	✓
12	✓	✓	✓	✓	✓	✓	✓

REMARKS

DATA LOCATION

JD/TIME

TIMES

Cleaned air bleed valve

MAX. DEPTH - m

TRANS. SIN

CHAM SIN

FLUOR SIN

PAR SIN

DATA ON

START DOWN

AT DEPTH

AT SURFACE

DATA ON

START DOWN

AT DEPTH

AT SURFACE

DATA ON

START DOWN

AT DEPTH

AT SURFACE

DATA ON

START DOWN

AT DEPTH

AT SURFACE

DATA ON

START DOWN

AT DEPTH

AT SURFACE

CVMA

Shm4 was drifted

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION										
Ron Brown		RB0007				Shm5 haul 1										
CONSC CAST #	LATITUDE	LONGITUDE	DATE	JD	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
0036334.00N	16854.00E	16854.00E	28	W	120719.2	11.0	95.47	11.0	95.47	X185238761820						
REMARKS																
DATA LOCATION																
Tape/Diskette ID																
File Name/Header																
Cleared air bleed valve																
MAX. DEPTH - m																
TRANS. SIN																
CHAM SIN																
SAMPLE BOTTLE NUMBER																
SAMPLE BOTTLE DATA																
CTD CONVERTED MONITOR VALUES																
FLUOR SIN																
PAR SIN																
SEC COND SN 529																
POS. TRIP DEPTH																
PRESSURE																
PRI. TEMP.																
SEC. TEMP.																
SALINITY																
SAL.																
Chlor																
Prod																
Nutrients																
Chlor																
PA+CDOM																
HPLC																
1	1500															
2	1000															
3	500															
4	400															
5	300															
6	200															
7	100															
8	50															
9	30															
10	20															
11	10															
12	0															

NO
map

IMA

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				3m6						
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	DRY BULB	WET BULB	WIND DIRN	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(deg)	(m/s)	• • •	• • •	(m)	
45336.03	16903.03	16903.03	28 AUG 99	1433	10.3	9.2	47	1693	28	75	1954	
REMARKS												
DATA LOCATION												
Tape/Diskette ID												
File Name/Header												
Cleaned air bleed valve												
MAX. DEPTH - m												
CHAM SIN												
TRANS. SIN												
SAMPLE BOTTLE NUMBER												
SAMPLE BOTTLE DATA												
CTD CONVERTED MONITOR VALUES												
FLUOR SIN												
PAR SIN												
PRESSURE												
PRI. TEMP.												
SEC. TEMP.												
SALINITY												
SAL.												
Chlor												
Prod												
Nutrients												
Chlor												
PA + CDOM												
HPLC												
1	1500											
2	1000											
3	500											
4	400											
5	300											
6	200											
7	100											
8	50											
9	30											
10	20											
11	10											
12	0											

1MA

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				37a7	
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	PRESSURE	SEA STATE
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(mb)	WIND DIR. (deg)
							WIND SPD. (m/s)
							WIND TYPE
							WEATHER
							BOTTOM DEPTH (m)
							STA. NAME/ID
005	5347.01N	16916.00W	28 AUG 99	172210.0	8.9	9357	021626762
							1574
REMARKS							
Cast name may be 5 dot →							
Cleaned air bleed valve							
MAX. DEPTH = 1502 m							
TRANS. SIN							
CHAM SIN							
SAMPLE BOTTLE NUMBER							
DATA LOCATION							
File Name/Header							
Tape/Diskette ID							
SAMPLE BOTTLE DATA							
CTD CONVERTED MONITOR VALUES							
FLUOR SIN							
PAR SIN							
PRESSURE							
PRI. TEMP.							
SEC. TEMP.							
SALINITY							
SAL.							
Chlor							
Nutrients							
PA-CDOM							
HPLC							
1	1000		1MA	34.5763	17.18		N55
2	500						N54
3	400						N53
4	300						N52
5	200						N51
6	100						N50
7	50						N49
8	30						N48
9	20						N47
10	10						N46
11	0		1MA	33.0268	19.20		N45
12	0						N45

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION													
Ron Brown		RB0007								008													
CONSC	CASE #	LATITUDE		LONGITUDE		DATE JD -		TIME (GMT)		WET BULB		WIND DIR.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	(deg)	(m/s)	(m)	(m/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	
606	54	2.00	N	169	34.02	W	28	AUG	00	21	33	10.00	08.5	99	067	2	05	34	7	62	184	1	008
<p>SB89+09P852-0382</p> <p>TIMES JOYTIME</p> <p>DATA ON</p> <p>START DOWN</p> <p>AT DEPTH</p> <p>AT SURFACE</p> <p>PAR SIN</p> <p>FLUOR SIN</p> <p>CHAM SIN</p> <p>TRANS. SIN</p> <p>MAX. DEPTH - 1501 m</p>																							
<p>REMARKS</p> <p>originally saved to</p> <p>ctd005, moved later</p> <p>to ctd006.</p> <p>Cleaned air bleed valve</p>																							
<p>DATA LOCATION</p> <p>File Name/Header</p> <p>ctd006</p>																							
<p>DATA</p> <p>Tape/Diskette ID</p> <p>ctd006</p>																							
<p>CTD CONVERTED MONITOR VALUES</p> <p>POS. TRIP DEPTH</p>																							
<p>SAMPLE BOTTLE DATA</p> <p>SAMPLE BOTTLE NUMBER</p>																							
<p>University of Alaska</p> <p>Dalhousie</p>																							
<p>Pressure</p> <p>PRI. TEMP.</p> <p>SEC. TEMP.</p> <p>SALINITY</p> <p>SAL.</p> <p>Chlor</p> <p>Nutrients</p> <p>Prod</p> <p>PA-CDOM</p> <p>HPLC</p>																							
1	1500	1514	2.18	MA	34.5118				022														
2	1000	1009	2.75																				
3	500	504	3.469																				
4	400	404	3.636																				
5	300	302	3.709																				
6	200	202	3.404																				
7	100	99.9	3.83																				
8	50	51.2	4.9																				
9	30	51.06	5.7																				
10	20	19.81	9.18																				
11	10	9.13	9.9																				
12	0	0.8	9.9																				

1MA

VESSEL		PROJECT & LEG				DSOB I.D.				STATION DESIGNATION												
Ron Brown		RB0007								009												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD- 242		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/s)	(amt)		(m)					
007	54	20.00	N	169	50.01	W	29	AUG	00	2050	10.0	8.8	021	67	240	194	01	189	7	009		
SBEG + 09P9852-0382		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		REMARKS												
PRESS SN	5 8 9 5 5		DATA ON		2014		File Name/Header		CTD 007													
PRI TEMP SN	1713		START DOWN		2015																	
SEC TEMP SN	2866		AT DEPTH		2050																	
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																
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC											
1	1500	1512		34.50	24			N79														
2	1000	1009	didn't trip					78														
3	500	501						77														
4	400	403						76														
5	300	301						75														
6	200	201						74														
7	100	101						73														
8	50	51	didn't trip					72														
9	30	32						71														
10	20	19	tripped but was empty					70														
11	10	10						69														
12	0	3.79		32.98				N 68														

150 ft by
mod velocity
dumped &
re-used

See prev sheet

Surface bucket

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION						
Ron Brown		RB0007				11						
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	SEA STATE	WIND DIR.	WIND SPD.	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	HR	MIN	(°C)		(m/s)			(m)	
009	54.58	168.45	08	05	58	9.5		2.1	0	12	60	12104
SBE9+09P9852-0382 TIMES JD/TIME DATA ON START DOWN AT DEPTH AT SURFACE SEC COND SN 529 PAR SN FLUOR SN CHAM SN TRANS. SN												
DATA LOCATION												
File Name/Header												
CH009.dat												
REMARKS tightened bottle lanyards replaced bottle #5 Cleaned air bleed valve MAX. DEPTH = 1501 m												
CTD CONVERTED MONITOR VALUES												
POS.	TRIP DEPTH	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Nutrients	Chlor	PA + CDOM	HPLC	
1	1500	15.11		34.5033	34.34	28		N03				
2	1000	10.07						102				
3	750	7.54						101				
4	500	5.05						100				
5	250	2.52						99				
6	100	1.00						98				
7	75	7.6						97				
8	50	5.1						96				
9	30	3.0						95				
10	20	2.0						94				
11	10	1.0						93				
12	0	2.55				27	✓	N92				

32.9411
1M14

VESSEL						PROJECT & LEG				DSDB I.D.				STATION DESIGNATION											
Ron Brown						RB0007								12											
CONSC CAST #	LATITUDE			LONGITUDE			DATE JD - 243			TIME (GMT)			WET BULB (°C)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID				
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN											(mb)	*	*	*
0105507.00N	116	28.97	W	30	AUG	00	0847	9.4	8.7	2647	195	1342	11747	12											
REMARKS																									
SBEG + D9P9852-0382						DATA LOCATION						FILE NAME/HEADER													
TIMES						JD/TIME						Tape/Diskette ID													
PRESS SN 5 8 9 5 5						DATA ON						Cleaned air bleed valve													
PRI TEMP SN 1713						START DOWN						MAX. DEPTH - m													
SEC TEMP SN 2866						AT DEPTH						TRANS. SIN													
PRI COND SN 1473						AT SURFACE						CHAM SIN													
SEC COND SN 529						PAR SIN						FLUOR SIN													
POS. TRIP DEPTH						CTD CONVERTED MONITOR VALUES						SAMPLE BOTTLE DATA						SAMPLE BOTTLE NUMBER							
						b1r						UNIVERSITY OF ALASKA						DALHOUSIE							
PRESSURE						PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		Chlor		Prod		Nutrients		Chlor		PA + CDOM		HPLC	
1	1500								34.4929		23						N115								
2	1000																N114								
3	750																N113								
4	500																N112								
5	200																N111								
6	100																N110								
7	75																N109								
8	50																N108								
9	30																N107								
10	20																N106		no trip						
11	10																N105								
12	0																N104								

Am:

五

VESSEL	PROJECT & LEG	DSDB I.D.	STATION DESIGNATION																				
Ron Brown	RB0007		13																				
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD -	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER TYPE	BOTTOM DEPTH	STA. NAME/ID									
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	(deg)	(m/s)	*	*	(m)										
1	520.5 N	815.20 W	30 AUG 00	1141	9.0	8.5	26.47		170	105	0		1482										
SBE9+09P9852-0382	TIMES	JD/TIME	DATA LOCATION																				
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	TRANS. SN	MAX. DEPTH ~ 145 m																	
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES																						
	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER																		
					University of Alaska																		
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC											
1	1455		nr 34.4806			25			N127														
2	1000								N126														
3	750								N125														
4	500								N124														
5	200								N123														
6	100								N122														
7	75								N121														
8	50								N120														
9	30								N119 → NO READ														
10	20								N118														
11	10								N117														
12	0			31.7174		26	4		N116														

De m
re

Am:

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				14	
CONSC CAST #	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIR.	WIND SPD.
DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)
125522.29 N	16810.52 W	30 AUG 00	1334	9.5	8.8	170	10.5
SBE9+09F9852-0382		JD/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		CHIAM SIN	
		PRESSURE		PRI. TEMP.		SEC. TEMP.	
		SALINITY		SALINITY		SAL.	
		NUTRIENTS		Chlor		PA + CDOM	
		HPLC		Chlor		HPLC	
1	300 ✓	34.0345	33	N132			
2	300 ✓			N137			
3	200 ✓			N136			
4	150 ✓			N135			
5	100 ✓			N134			
6	75 ✓			N133			
7	50 ✓			N132			
8	30 ✓			N131			
9	20 ✓			N130			
10	10 ✓			N129			
11	0	1M432.7260	34	N128			
12	✓						

↑ originally numbered

38 \leftarrow originally
was numbered

↑ ~~bottle got used~~ ~~twice?~~

[illegible]

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION															
Ron Brown		RB0007								18															
CONSC	LATITUDE	LONGITUDE		DATE JD- 244		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
CAST #	DEG MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	* *	(deg)	(m/s)	* *	(m)								
017	55 11.39 N	168	41.6	W	31	Aug	88	03	29	10.1	10.1	009	43	165	17	874	2006								
SBEG + 09P9852-0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS															
PRESS SN	5 8 9 5 5	DATA ON		2:52																					
PRI TEMP SN	1713	START DOWN																							
SEC TEMP SN	2866	AT DEPTH		329																					
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	1500	PRESSURE	1518	PRI. TEMP.		SEC. TEMP.		SALINITY	34.51	SAL.	42	Chlor		Prod		Nutrients	182	Chlor		PA + CDOM		HPLC			
2	1000		1011						34.34							181									
3	750		756													180									
4	500		505													179									
5	200		202													178									
6	100		101													177									
7	60		61													176		✓							
8	50		50													175									
9	40		40													174		✓							
10	30		30													173		✓							
11	15		14													172		✓							
12	0		2.6													171		✓							

missed file
you mark file

off

~~↑ bottles numbers off 2:~~

~~↑ bottles numbers off 2:~~

↑ these should be OK

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION															
Ron Brown		RB0007				21															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD -		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)
205524	30	N	16858	70	W	31	AUG	01	14	1	9.8	9.8	21	875	009	21					
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 SN		FLUOR SN		CHAM SN		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		PA + CDOM		HPLC	
1	1500	bK		34.5181	34.519			47					218								
2	1000												217								
3	750												216								
4	500												215								
5	200												214		debit temp						
6	100												213								
7	75												212								
8	50												211								
9	30												210								
10	20												209								
11	10												208								
12	0												207								

[illegible]

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				23	
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIR.	WIND SPD.
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(deg)	(m/s)
225532.92N	16910.13W	16910.13W	31 AUG 00	160419.00	9.6	200	218
SBEG + 09P9852-0382		JD TIME		DATA LOCATION		REMARKS	
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN	1713						
SEC TEMP SN	2866						
PRI COND SN	1473						
SEC COND SN	529						
CTD CONVERTED MONITOR VALUES		FLUOR SIN		CHAM SIN		TRANS. SIN	
POS.	TRIP DEPTH	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER			
		BIR		University of Alaska		Dalhousie	
		PRESSURE	PRI. TEMP.	SEC TEMP	SALINITY	SAL.	Chlor
1	1500			24.5199	34.521	57	N242
2	1000						241
3	750						242
4	500						239
5	200						238
6	100						237
7	75						236
8	50						235
9	30						234
10	20						233
11	10						232
12	0					52	N231

↑ gap in bottle numbers

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION													
Ron Brown		R80007								24													
CONSC	CASE #	LATITUDE		LONGITUDE		DATE JD- 244		TIME (GMT)		WET BULB		WIND DIR.		WIND SPD.		WIND TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(deg)	(m/s)	(m/s)	(amt)	(amt)	(m)					
24	55.36	169	2.50	W	31	A	U	G	0	2120	9.5	8.0	1347	24	0238	72	1685						
SBE9+09P852-0382		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																			
SEC TEMP SN 2866		AT DEPTH																					
PRI COND SN 1473		AT SURFACE		2128						Cleaned air bleed valve													
SEC COND SN 529		PAR SN		FLUOR SN		CHAM SN		TRANS. SN		MAX. DEPTH - 81 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 + CDOM		HPLC			
1	80	81						38.193						N261		✓							
2	45.0	45												260		✓							
3	37.0	37										✓		259									
4	37.0	38										✓		258									
5	24	24										✓		257									
6	24	24										✓											
7	17	17										✓											
8	17	17										✓											
9	9.7	8.7										✓											
10	5.6	5.7										✓		256									
11	0	2.8										✓		255									
12	0	2.5						32.749				✓											

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																	
Ron Brown		R80007								25																	
CONSC	CASE #	LATITUDE		LONGITUDE		DATE JD-244		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIR.		WIND SPD.		WIND TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	(deg)	(m/s)	(amt)	*	*	(m)							
025	5537.22	N	169	15.83	W	31	A	U	0	0	2323	10.2	8.4	1547		225	18	76	2	2265							
SB09-09P9852 0382		TIMES		JD/TIME		Tape/Diskette ID		File Name/Header		DATA LOCATION		REMARKS															
PRESS SN		5 8 9 5 5		DATA ON																							
PRI TEMP SN		1713		START DOWN		2246																					
SEC TEMP SN		2866		AT DEPTH		2323																					
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																			
				Net Sal		SALINITY		SAL.																			
PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.																			
1	1500	1521		34.502		34.50		56																			
2	1000	1012				34.37																					
3	750	757		didn't trip																							
4	500	503																									
5	200	201																									
6	100	101																									
7	75	76																									
8	50	50.5																									
9	30	30																									
10	20	20																									
11	10	10																									
12	0	2.4		32.704		32.7		55																			

↑ this
these this
definitely
definitely

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				26	
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	PRESSURE	SEA STATE
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(mb)	WIND DIR, SPD, WIND TYPE, CLOUD (amt)
26	55 41.52 N	169 21.61 W	01 SEP 00	0510	9.8	8.9	240 18 56 1
SBEG + 09P9852-0382		JDTIME		Tape/Diskette ID		REMARKS	
PRESS SN	5 8 5 5	DATA ON		File Name/Header			
PRI TEMP SN	1713	438		ctd026.dat			
SEC TEMP SN	2866	510					
PRI COND SN	1473	551				Cleaned air bleed valve	
SEC COND SN	529	PAR SN		FLUOR SN		MAX. DEPTH - m	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Nutrients
1 1500	1518			34.505	58		Chlor
2 1000	1011	didn't trip		34.37			PA + CDOM
3 750	757						HPLC
4 500	505						
5 200	202						
6 100	101						
7 75	74						
8 50	50.5						
9 30	30						
10 20	20			32.72			
11 10	10			32.72			
12 0	12.5			32.72	57		

32.715 msk

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				27	
CONSC	LATITUDE	LONGITUDE		DATE JD - 245		TIME (GMT)	
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	DRY BULB	WET BULB	PRESSURE
27	55 44.80 N	169 14.06 W	01 SEP 00	07 21	10.0	9.0	1847
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION	
PRESS SN	5 8 9 5 5	DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN	1713	START DOWN		06 44			
SEC TEMP SN	2866	AT DEPTH		07 21			
PRI COND SN	1473	AT SURFACE				Cleared air bleed valve	
SEC COND SN	529	PAR SN		FLUOR SN		CHAM SN	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
		BTL SN		mer sal		University of Alaska	
		Dahousie					
		PRESSURE		TEMP		SALINITY	
1	1500	34.4955	34.496	34.50	34.35	297	296
2	1000					295	294
3	750					292	291
4	500					290	289
5	200					288	287
6	100					286	285
7	75					284	283
8	50					282	281
9	30					280	279
10	20					278	277
11	10					276	275
12	0					274	273

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				28	
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	WIND DIR.	WIND SPD.
CAST #	MIN	DEG	DAY	HR	(°C)	(deg)	(m/s)
285540.46N	16908.21W	01 SEP 00	0927	10.0	8.9	234	7
TIMES		JD TIME		DATA LOCATION		REMARKS	
SBEG + DSP9852-0382				Tape/Diskette ID		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 S/N		FLUOR S/N		MAX. DEPTH - m	
POS. TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		TRANS. S/N
	BTL				University of Alaska		Dalhousie
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	PA + CDOM
1	1500		34.5003	34.4996	34.5003	N309	
2	1000					302	
3	750					307	
4	500					306	
5	200					305	
6	100					304	
7	75					303	No
8	50					302	
9	30					301	
10	20					300	
11	10					N299	
12	0			328390		N298	

↑
Salt ~~OK~~
OK

↑ salt ~~OK~~
~~base.~~

Salt ~~OK~~ OK
 ↓

↑ salt ~~or~~ ~~fact?~~ OK

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION														
Ron Brown		RB0007								31														
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DATE	JD	MO	YR	TIME (GMT)	HR	MIN	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	
31	55	23	25 N	168	45	35	W	01	S	E	P	0	1635	9.5	8.2	X	2647	7	250	12	842	2020	20	
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																						
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																		
1	1500	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor	Nutrients	Chlor	PA + CDOM	HPLC													
2	1000				344002	344002		344																
3	750							343																
4	500							342																
5	200							341																
6	100							340																
7	75							339	✓															
8	50							338	✓															
9	30							337	✓															
10	20							336																
11	10							335	✓															
12	0							334	✓															

↑ Salt ex
fist pick

↑
depth in fresh
water (not salt)

VESSEL		PROJECT & LEG				DSOB I.D.				STATION DESIGNATION																									
Ron Brown		RB0007								32																									
CONSC	CASE #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		WIND DIR.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM		STA. NAME/ID													
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	SEC	°C	°C	(deg)	(kts)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)	(amt)												
033	55	18	44	N	168	39	64	W	02	S	E	P	0	0	04	3	10	2	9	0	X	26	37	165	14	60	1	9	36						
SBE9+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 SN																																	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																													
2	300	302	201	100	76	50	40	30	25	20	10	2.8	33.93	33.64	32.98	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88				
2	300	302	201	100	76	50	40	30	25	20	10	2.8	33.93	33.64	32.98	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88			
3	200	201	100	76	50	40	30	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
4	100	100	76	50	40	30	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
5	75	76	50	40	30	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
6	50	50	40	30	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
7	40	40	30	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
8	30	30	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
9	25	25	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
10	20	20	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
11	10	10	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		
12	0	2.8	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88	32.88		

at this point I noticed the "depth" was a "depth" not a "depth" in water. On which cast did the depth readout get switched? Cast 32

VESSEL		PROJECT & LEG		DSOB I.D.		STATION DESIGNATION	
Ron Brown		RB0007				33	
CONSC	LATITUDE	LONGITUDE	DATE	TIME (GMT)	WET BULB	PRESSURE	SEA STATE
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(mb)	
34	55 22.18 N	168 32.09 W	04 SEP 00	05 07	9.2	8.0	X 2537
SBE9+09P852-0382		TIMES		JD/TIME		DATA LOCATION	
PRESS SN	5 8 5 5	DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN	1713	START DOWN				04034.dat	
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	
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAL.	Chlor
1	1500	1518			34.50	34.33	Nutrients
2	1000	1011	didn't go		34.34	34.33	Prod
3	750	757					Chlor
4	500	505					Nutrients
5	200	202	didn't go				Prod
6	100	101					Chlor
7	80	81					Nutrients
8	60	60	didn't go				Prod
9	30	30					Chlor
10	20	20	didn't go		32.76		Nutrients
11	10	9.9					Prod
12	0	2.5			32.76	34.33 surface	Chlor

4 bottles didn't go!

REMARKS

Delayed to fix a
kink in wire

☐ Cleaned air bleed valve

MAX. DEPTH - m

☐ TRANS. SIN

Dalhousie

University of Alaska

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION								
Ron Brown		RB0007				34								
CONSC	LATITUDE	LONGITUDE		DATE		TIME (GMT)	WET BULB	SEA STATE	WIND DIR	WIND SPD	WIND TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
CAST #	MIN	DEG	MIN	DEG	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	(deg)	(m)
35	55.26.51	N	168.37.80	W	07	10	2000	07	16	9.0	8.2	24.37	160	1884
<p>SBF9+09P852-0382</p> <p>TIMES JD/TIME</p> <p>DATA ON</p> <p>START DOWN 0640</p> <p>AT DEPTH 0716</p> <p>AT SURFACE</p> <p>PAR SIN</p> <p>FLUOR SIN</p> <p>CHAM SIN</p> <p>TRANS. SIN</p> <p>MAX. DEPTH - m</p> <p>Cleaned air bleed valve</p>														
REMARKS														
<p>File Name/Header</p> <p>of 1035.dat</p>														
DATA LOCATION														
Tape/Diskette ID														
SAMPLE BOTTLE NUMBER														
SAMPLE BOTTLE DATA														
CTD CONVERTED MONITOR VALUES														
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC	
1	1500	1519		34.4949	34.4949		34.35			N382				
2	1000	1011			34.33					381				
3	750	757								380				
4	500	505								379				
5	200	201								378				
6	100	102								377				
7	75	75								376				
8	50	50								375				
9	30	30								374				
10	20	10								373				
11	10	9.5								372				
12	0	3								371				

73

VESSEL Ron Brown			PROJECT & LEG RB0007			DSDB I.D.			STATION DESIGNATION 35																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD - 246		TIME (GMT)		WET BULB		SEA STATE		PRESSURE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID										
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)		(mb)	(deg)	(m/s)																				
36	53	0	8	1	N	16	8	43	5	1	W	02	2	S	E	P	0	0	9	2	9	3	8	4	x	2	3	3	8	1	8	2	1	7	3	3
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 SN		FLUOR SN		CHLOR 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						34.4923				34.4923		34.4923				394		394																
2		1000																393		393																
3		750																392		392																
4		500																391		391																
5		200																390		390																
6		100																389		389																
7		75																388		388																
8		50																387		387																
9		30																386		386																
10		20																385		385																
11		10																384		384																
12		0						32.8989						CHLOR		383		383		383																

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																	
Ron Brown		RB0007								36																	
CONSC	CASE #	LATITUDE		LONGITUDE		DATE JD -		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIR.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	*	*	(deg)	(m/s)	(amt)	*	*	*	*	(m)					
37	55	35	10	N	168	49	24	W	02	S	E	P	0	0	11	4	10	0	8	8	22	38	185	048	62	959	
SBE9+ 09P9852-0382		TIMES		JD/TIME		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																			
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																					
1	934	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	Chlor	Prod	Nutrients	Chlor	PA + CDOM	HPLC														
2	500	934			84.2774			72.5		406																	
3	300									405																	
4	200									404																	
5	150									403																	
6	100									402																	
7	75									401																	
8	50									399																	
9	30									398																	
10	20									397																	
11	10									396																	
12	0									395																	

73

[illegible]

VESSEL		PROJECT & LEG				DSOB I.D.				STATION DESIGNATION																			
Ron Brown		RB0007								38																			
CONSC CAST #	LATITUDE		LONGITUDE		DATE		TIME		WET BULB		PRESSURE		SEA STATE		WIND DIR.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID				
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	* * *	* * *	(deg)	(m/s)	* * *	* * *	(m)												
39	55	43	70	N	16	9	00	29	W	02	S	E	P	0	0	14	42	9	8	8	8	X	21	37	275	038	4	21	456
SBEG + 09P9852-0382																													
TIMES JD/TIME DATA LOCATION																													
Tape/Diskette ID 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																													
SEC COND SN 529																													
POS. TRIP DEPTH																													
CTD CONVERTED MONITOR VALUES																													
SAMPLE BOTTLE DATA																													
SAMPLE BOTTLE NUMBER																													
UNIVERSITY OF ALASKA																													
DALHOUSIE																													
PRESSURE																													
PRI. TEMP.																													
SEC. TEMP.																													
SALINITY																													
SALINITY																													
Chlor																													
Nutrients																													
Chlor																													
PA + CDOM																													
HPLC																													
1	1423																												
2	1000																												
3	750																												
4	500																												
5	200																												
6	100																												
7	75																												
8	50																												
9	30																												
10	20																												
11	10																												
12	0																												

(82)

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																	
Ron Brown		RB0007								39																	
CONSC	CASE #	LATITUDE		LONGITUDE		DATE		TIME (GMT)		WET BULB		PRESSURE		SEA STATE		WIND DIR		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(mb)	* * *	* * *	(deg)	(m/s)	* * *	* * *	(m)								
40	55.48	01	N	169	06.48	W	02	S	10	00	16.52	10.0	9.0	X	2027												
SB09+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 SN		FLUOR SN		Chlor SN		SAMPLE BOTTLE NUMBER																			
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																					
		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		Chlor		Prod		Nutrients		Chlor		PA+CDOM		HPLC					
1	1500	✓						24.5058				34.33					44.2										
2	1000	✓															44.0										
3	750	✓															43.8										
4	500																43.8										
5	200																43.7										
6	100																43.6										
7	75																43.5										
8	50																43.4										
9	30																43.3										
10	20																43.2										
11	10																43.1										
12	0																43.0										

(54)