

V0 = PAR
 V2 = FLUOR
 V5 = all parameter

VESSEL		PROJECT & LEG		STATION DESIGNATION															
NOAA Ship RON BROWN		RB-01-03, leg 2		621															
CONSC CAST #		DATE		TIME		TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0015906.00N		15 05 19 40 8 W		134		15 24		15 24		15 24		15 24		15 24		15 24		15 24	
LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		TIME (GMT)		TIME (GMT)		TIME (GMT)		TIME (GMT)		TIME (GMT)		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		HR MIN		HR MIN		HR MIN		HR MIN		HR MIN		HR MIN	
00 15 06.00 N		15 05 19 40 8 W		15 05 19		15 24		15 24		15 24		15 24		15 24		15 24		15 24	
CTD SBE 9Plus 93450-209		DATA ON		Tape/Diskette ID		File Name/Header		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
PRESS SN 53586		START DOWN		Tape/Diskette ID		File Name/Header		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
PRI TEMP SN 2786		AT DEPTH		Tape/Diskette ID		File Name/Header		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
SEC TEMP SN 696		AT SURFACE		Tape/Diskette ID		File Name/Header		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
PRI COND SN 2489		AT SURFACE		Tape/Diskette ID		File Name/Header		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
SEC COND SN 2490		AT SURFACE		Tape/Diskette ID		File Name/Header		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
POS. TRIP DEPTH		PAR S/N		FLUOR S/N		CTDAM S/N		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
1 162		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
2 150		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
3 125		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
4 100		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
5 75		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
6 50		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
7 40		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
8 30		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
9 20		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
10 10		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
11 0		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
12 0		4603		93450-202		4603		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	

Cleaned air bleed valve

MAX. DEPTH = m

TRANS. S/N

DATE

SAMPLE BOTTLE NUMBER

SAL.

NUTR.

CHL.

WHIT'S NUTR.

Dr Hee 13137

VESSEL		PROJECT & LEG		STATION DESIGNATION	
NOAA Ship RON BROWN		RB-01-03, leg 2		GPA	
LATITUDE		LONGITUDE		DATE	
DEG	MIN	DEG	MIN	DATE	TIME
00	25	150	57	14	09
00	25	150	57	14	09
CTD SBE 9Plus 93450-209		TIMES		JD/TIME	
PRESS SN 53586		DATA ON		Tape/Diskette ID	
PRI TEMP SN 2786		START DOWN		File Name/Header	
SEC TEMP SN 696		AT DEPTH			
PRI COND SN 2489		AT SURFACE			
SEC COND SN 2490		PAR S/N 4603		ChlAM S/N 0/G	
		FLUOR S/N 93450-209		TRANS. S/N 0/G	
POS.		TRIP DEPTH		SAMPLE BOTTLE DATA	
1	190	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY
2	125				
3	100				
4	75				
5	50				
6	40				
7	30				
8	20				
9	10				
10	0				
11	0				
12	0				

DSDB I.D.

WIND DIRN. (deg) 20

WIND SPD. (m/s) 2.0

SEA STATE 4

REL HUM (%) 5

DRY BULB (°C) 7.2

TIME (GMT) HR 09 MIN 38

REL HUM (%) 5

DRY BULB (°C) 7.2

TIME (GMT) HR 09 MIN 38

REL HUM (%) 5

DRY BULB (°C) 7.2

TIME (GMT) HR 09 MIN 38

DATA LOCATION

File Name/Header

Tape/Diskette ID

ChlAM S/N 0/G

FLUOR S/N 93450-209

TRANS. S/N 0/G

REMARKS

Cleaned air bleed valve

MAX. DEPTH = 145 m

STATION DESIGNATION

WIND DIRN. (deg) 20

WIND SPD. (m/s) 2.0

SEA STATE 4

REL HUM (%) 5

DRY BULB (°C) 7.2

TIME (GMT) HR 09 MIN 38

REL HUM (%) 5

DRY BULB (°C) 7.2

TIME (GMT) HR 09 MIN 38

REL HUM (%) 5

DRY BULB (°C) 7.2

TIME (GMT) HR 09 MIN 38

CTD CONVERTED MONITOR VALUES

PRI. TEMP.

SEC. TEMP.

SALINITY

WHIT'S NUTR.

CHL.

NUTR.

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION 6P5			
CONSC. CAST #		LATITUDE		DATE JD= 134		TIME (GMT)		WIND DIRN.		WIND SPD.	
0055849.20 N		15052.83 W		14 MAY 01		1513		18		18	
CTD SBE 9Plus 93450-209		LONGITUDE		DAY MO YR		DRY BULB		REL HUM		SEA STATE	
53586		15052.83 W		14 MAY 01		7.2		5.2		9948060	
2786		DEG MIN		JD/TIME		Tape/Diskette ID		File Name/Header		REMARKS	
696		DATA ON		START DOWN		AT DEPTH		AT SURFACE		Cleaned air bleed valve	
2489		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N n/a		TRANS. S/N n/a		MAX. DEPTH = 179 m	
2490		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SAL. NUTR. CHL. WHIT'S NUTR.	
150		150		125		100		75		50	
100		40		30		20		10		0	
75		50		40		30		20		10	
50		40		30		20		10		0	
40		30		20		10		0		0	
30		20		10		0		0		0	
20		10		0		0		0		0	
10		0		0		0		0		0	
0		0		0		0		0		0	
0		0		0		0		0		0	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB01-03b		DSDB I.D.		STATION DESIGNATION Gpl6	
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)	
0065844.93 N		15051.98 W		14 MAY 01		1653	
SBE 9+		TIMES		JD/TIME		DATA LOCATION	
PRESS SN		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN		START DOWN					
SEC TEMP SN		AT DEPTH					
PRI COND SN		AT SURFACE					
SEC COND SN		<input checked="" type="checkbox"/> PAR S/N		<input checked="" type="checkbox"/> FLUOR S/N		<input type="checkbox"/> CHIAM S/N	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.	
1 175							
2 150							
3 125							
4 100							
5 75							
6 50							
7 40							
8 30							
9 20							
10 10							
11 0							
12							
WIND DIRN.		WIND SPD.		WIND DIRN.		WIND SPD.	
180		16		180		16	
SEA STATE		WET BULB		DRY BULB		WET BULB	
3		6.0		8.0		6.0	
PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.	
1013		3		10		180	
CLEANED AIR BLEED VALVE		MAX. DEPTH =		CLEANED AIR BLEED VALVE		MAX. DEPTH =	
<input type="checkbox"/>		174		<input type="checkbox"/>		174	
REMARKS		wo		16.9			
SAL.		NUTR.		CHL.		WHIT'S NUTR.	
10		54		55		56	
		57		58		59	
		60		61		62	
		63		64			

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION GPT7											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 134		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (m/s)		BOTTOM DEPTH (m)		STA. NAME/ID			
0075835.29		N 15047.96		W 144 M A Y 01		19 13		9.0		7.0		48035		154		183		GPT7	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS							
PRESS SN		53586		DATA ON															
PRI TEMP SN		2786		START DOWN															
SEC TEMP SN		696		AT DEPTH															
PRI COND SN		2489		AT SURFACE															
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/G		TRANS. S/N		D/G	
POS. TRIP DEPTH				CITD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.		CHL.	
1		171																	
2		150														65			
3		125														66			
4		100														67			
5		75														68			
6		50														69			
7		40														70		✓	
8		30														71		✓	
9		20														72		✓	
10		10														73		✓	
11		0														74		✓	
12		0														75		✓	

Cleaned air bleed valve

MAX. DEPTH = 171 m

CITD CONVERTED MONITOR VALUES

Pressure

PRI. TEMP.

SEC. TEMP.

SALINITY

SALINITY

SAL.

NUTR.

CHL.

WHIT'S NUTR.

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION GPR																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (mf)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
008		25.70 N		150.43 W		14 MAY 01		21 14		8.6		6.5		97.4		8		050		09		5		1		78		GPR08			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		FLUOR S/N		CHIAM S/N		PAR S/N		4603		93450-202		4603		4603		4603		4603		4603			
PRESS SN		53586		DATA ON		START DOWN		AT DEPTH		AT SURFACE		SEC COND SN		2490		TRIP DEPTH		68		50		40		30		20		10		0	
PRI TEMP SN		2786		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
SEC TEMP SN		696		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
PRI COND SN		2489		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
SEC COND SN		2490		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
POS.		TRIP DEPTH		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
1		68		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
2		50		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
3		40		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
4		30		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
5		20		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
6		10		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
7		0		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
8				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
9				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
10				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
11				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	
12				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SAL.		76		77		78		79		80		81		82	

REMARKS

340

Cleaned air bleed valve

MAX. DEPTH = 69 m

TRANS. S/N N/A

SAMPLE BOTTLE NUMBER

FLUOR S/N 93450-202

CTD CONVERTED MONITOR VALUES

PAR S/N 4603

CHIAM S/N

SAMPLE BOTTLE DATA

SALINITY

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

WHIT'S NUTR.

CHL.

VESSEL		PROJECT & LEG				STATION DESIGNATION																						
NOAA Ship RON BROWN		RB-01-03, leg 2				DSDB I.D.																						
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	REL. HUM. (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (cm)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR													MIN							
009	58	15.99	N	150	39.55	W	14	M	A	Y	01	23	11	8.2	6.5	96.5	8	0	2	0	1	0	5	N	1	47	6P	09
CTD SBE 9Plus 93450-209																												
TIMES		JD/TIME				DATA LOCATION				Tape/Diskette ID		File Name/Header																
PRESS SN		53586				DATA ON																						
PRI TEMP SN		2786				START DOWN																						
SEC TEMP SN		696				AT DEPTH																						
PRI COND SN		2489				AT SURFACE																						
SEC COND SN		2490				<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> FLUOR S/N 93450-209 <input type="checkbox"/> CHIAM S/N d/a				<input type="checkbox"/> MAX. DEPTH = 59 m <input type="checkbox"/> TRANS. S/N d/a																		
POS. TRIP DEPTH		607				CITD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER														
1	607	PRESSURE				PRI. TEMP.				SEC. TEMP.				SALINITY				SAL. NUTR. CHL. WHIT'S NUTR.										
2	40													83														
3	30																	84										
4	20																	85										
5	10																	86										
6	0																	87										
7																		88										
8																												
9																												
10																												
11																												
12																												

Cleaned air bleed valve

REMARKS 340 51 m boat

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		WIND TYPE		CLOUD (cm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0125806.29N		15120.59W		15 MAY 01		0508		8.8		7.4		95.4		8		4.8		035		13		7A2		142		GP12							
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header																							
PRESS SN		53586																															
PRI TEMP SN		2786																															
SEC TEMP SN		696																															
PRI COND SN		2489																															
SEC COND SN		2490																															
POS. TRIP DEPTH		7 BOT																															
1		100																															
2		75																															
3		50																															
4		30																															
5		20																															
6		10																															
7		5																															
8		0																															
9																																	
10																																	
11																																	
12																																	

Cleaned air bleed valve

MAX. DEPTH = 131 m

TRANS. S/N n/a

SAMPLE BOTTLE NUMBER

SAMPLE BOTTLE DATA

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

SALINITY

REMARKS

0, 2, 3, 4

13

9

10

11

12

13

14

15

16

FLUOR S/N 93450-209

CHIAM S/N n/a

PAR S/N 4603

CID CONVERTED MONITOR VALUES

PRI. TEMP.

SEC. TEMP.

PRESSURE

WHIT'S NUTR.

CHL.

NUTR.

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION 6P13													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (gt)		WEATHER		BOTTOM DEPTH (m)		SIA. NAME/ID	
0135806.24N		15742.98W		15MAY01		0646		7.9		6.09547		0.8		732		2		160		GP13	
CTD SBE 9Plus 93450-209		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header													
PRESS SN		53586		DATA ON																	
PRI TEMP SN		2786		START DOWN																	
SEC TEMP SN		696		AT DEPTH																	
PRI COND SN		2489		AT SURFACE																	
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		n/a		TRANS. S/N		n/a			
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1		bot														17					
2		125														18					
3		100														19					
4		75														20					
5		50														21					
6		30														22					
7		20														23					
8		10														24				Mist in water mark leaked	
9		0														25					
10																					
11																					
12																					

Cleaned air bleed valve

MAX. DEPTH = 150 m

CID CONVERTED MONITOR VALUES

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION SRI															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 135		TIME (GMT)		DRY BULB (°C)		WIND BULB REL-HUMIDITY		SEA STATE		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
145931.07N		14948.99N		14948.99W		1559		7.3		6.3		9848		060		10		76		207		SAPA1			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN		53586		DATA ON																					
PRI TEMP SN		2786		START DOWN																					
SEC TEMP SN		696		AT DEPTH																					
PRI COND SN		2489		AT SURFACE																					
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		n/a		TRANS. S/N		d/g		MAX. DEPTH =		176 m		Cleaned air bleed valve <input type="checkbox"/>	
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES																					
1		b		PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.			
2		175																14		26					
3		150																		27					
4		125																		28					
5		100																		29					
6		75																		30					
7		50																		31					
8		40																		32		✓			
9		30																		33		✓			
10		20																		34		✓			
11		10																		35		✓			
12		0																		36		✓			
																				37		✓			

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION SR2											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=135		TIME (GMT)		DRY BULB		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
0155925.80 N		14945.46 W		15 MAY 01		1753		7.9		47.98		47070		20		204		SR02	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		° (°C)		(mb)		(deg)		(m/s)		(m)			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		w0178					
PRESS SN		53586		DATA ON															
PRI TEMP SN		2786		START DOWN															
SEC TEMP SN		696		AT DEPTH															
PRI COND SN		2489		AT SURFACE															
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/A		TRANS. S/N		D/A	
POS. TRIP DEPTH				CITD CONVERTED MONITOR VALUES						SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
1 186				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.	
2 150																38			
3 125																39			
4 100																40			
5 75																41			
6 50																42			
7 40																43			
8 30																44			
9 20																45			
10 10																46			
11 0																47			
12																48			

Cleaned air bleed valve

MAX. DEPTH = 186 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION SR04									
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
0175914.79 N		14934.72 W		15 MAY 01		2058		060		18		133		SR04	
CTD SBE 9Plus 93450-209		JD/TIME		DATA LOCATION		REMARKS		SEA STATE		PRESSURE		CLOUD (cm)		WEATHER	
PRESS SN 53586		Tape/Diskette ID		File Name/Header				VISIBILITY		WIND TYPE		CLOUD (cm)		WEATHER	
PRI TEMP SN 2786		START DOWN						SEA STATE		WIND TYPE		CLOUD (cm)		WEATHER	
SEC TEMP SN 696		AT DEPTH		2105				PRESSURE		WIND TYPE		CLOUD (cm)		WEATHER	
PRI COND SN 2489		AT SURFACE						PRESSURE		WIND TYPE		CLOUD (cm)		WEATHER	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		ChIAM S/N		PRESSURE		WIND TYPE		CLOUD (cm)		WEATHER	
POS. TRIP DEPTH		CITD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1 1007		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.	
2 120												58			
3 75												59			
4 50												60			
5 20												61			
6 10												62		✓	
7 0												63		✓	
8												64		✓	
9															
10															
11															
12															

Cleaned air bleed valve

MAX. DEPTH = 120 m

TRANS. S/N

SAMPLE BOTTLE NUMBER

PAR S/N 4603

FLUOR S/N 93450-202

ChIAM S/N

SAMPLE BOTTLE DATA

SAL.

NUTR.

CHL.

WHIT'S NUTR.

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION										
NOAA Ship RON BROWN		RB-01-03, leg 2								5R06										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	Wet Bulb (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (mf)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												
0195908	08.64	N	14923.32	W	16	MAY	01	00	16	8.1	6.699	47	06	00	20	77	22	20	9	5R06
CTD SBE 9Plus 93450-209																				
TIMES JD/TIME DATA LOCATION																				
PRESS SN 53586 DATA ON File Name/Header																				
PRI TEMP SN 2786 START DOWN																				
SEC TEMP SN 696 AT DEPTH																				
PRI COND SN 2489 AT SURFACE																				
SEC COND SN 2490																				
<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> FLUOR S/N 93450-209 <input type="checkbox"/> CHIAM S/N n/a																				
CTD CONVERTED MONITOR VALUES																				
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.							
1	604									17	72									
2	156										73									
3	175										74									
4	100										75									
5	75										76									
6	50										77									
7	46										78									
8	30										79									
9	20										80									
10	10										81									
11	0										none									
12																				

Cleaned air bleed valve

MAX. DEPTH = 199 m

TRANS. S/N n/a

SAMPLE BOTTLE NUMBER

SAMPLE BOTTLE DATA

SALINITY

SALINITY

SEC. TEMP.

PRI. TEMP.

PRESSURE

TRIP DEPTH

POS.

WHIT'S NUTR.

CHL.

NUTR.

SAL.

DATA

SEC. TEMP.

PRI. TEMP.

PRESSURE

TRIP DEPTH

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION SR07																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WIND BULB REL-HUMID		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
020	5859	47	N	149	19	27	W	16	MAY	01	02	16	8.0	6.4	99	4	7	0	7	0	20	20	8/10	8/10	233	SR07							
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN 53586		DATA ON																															
PRI TEMP SN 2786		START DOWN																															
SEC TEMP SN 696		AT DEPTH																															
PRI COND SN 2489		AT SURFACE																															
SEC COND SN 2490		<input checked="" type="checkbox"/> PAR S/N 4603		<input checked="" type="checkbox"/> FLUOR S/N 93450-209		<input type="checkbox"/> CHIAM S/N		D/g		D/g		D/g		D/g		D/g		D/g		D/g		D/g		D/g		D/g		D/g		D/g			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1	Bot																																
2	200																																
3	175																																
4	150																																
5	125																																
6	100																																
7	75																																
8	50																																
9	30																																
10	25																																
11	10																																
12	0																																

Apr of Ametool

Cleaned air bleed valve

MAX. DEPTH = 218 m

TRANS. S/N

D/g

SAMPLE BOTTLE NUMBER

SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

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SAMPLE BOTTLE DATA

SAMPLE BOTTLE DATA

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION SR10							
CONSC CAST #		DATE JD= 136		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (m/s)		BOTTOM DEPTH (m)		STA. NAME/ID	
235841.47N		DAY MO YR 16 MAY 01		HR MIN 07 51		070		18		153		23	
LATITUDE		LONGITUDE		TIME		SEA STATE		PRESSURE (mb)		WIND TYPE		WEATHER	
DEG MIN 58 41.47		DEG MIN 149 01.47		DRY BULB (°C)		Wet Bulb (°C)		0.80		* * *		* * *	
CTD SBE 9Plus 93450-209		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		CLOUD (amt)		REMARKS	
PRESS SN 53586		DATA ON		93450-209		93450-209				772		WD 134	
PRI TEMP SN 2786		START DOWN		FLUOR S/N		ChIAM S/N		d/a		8			
SEC TEMP SN 696		AT DEPTH		4603		4603				153			
PRI COND SN 2489		AT SURFACE		PAR S/N		FLUOR S/N		93450-209		139		m	
SEC COND SN 2490		AT SURFACE		4603		4603				139		d/a	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL.		NUTR. CHL. WHIT'S NUTR.	
1 6 ✓										19			
2 125 ✓										16			
3 100 ✓										17			
4 75 ✓										18			
5 50 ✓										19			
6 40 ✓										20		✓	
7 30 ✓										21		✓	
8 20 ✓										22		✓	
9 10 ✓										23		✓	
10 0 ✓										24		✓	
11										25		✓	
12													

67 5.2 99 4 7 065 22 6 670 2

STATION DESIGNATION **SR12**

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION SR12																								
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 136		TIME (GMT)	DRY BULB (°C)	WET BULB REL-HUM	PRESSURE (mb)	SEA STATE	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	* * *	* * *	* * *	(m)									
25	24	75	N	148	45	28	W	16	M	A	Y	0	1	11	52	6	6	47	0	7	2	0	6	7	2	0	6	7	2	0	6	7	2	0

CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN	53586	DATA ON	Tape/Diskette ID				File Name/Header
PRI TEMP SN	2786	START DOWN					
SEC TEMP SN	696	AT DEPTH					
PRI COND SN	2489	AT SURFACE					
SEC COND SN	2490	PAR S/N	<input checked="" type="checkbox"/> 4603	FLUOR S/N	<input checked="" type="checkbox"/> 93450-209	CHIAM S/N	<input type="checkbox"/> D/G

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER		WHIT'S NUTR.
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY				SAL.	NUTR.	
1	15									20	34	
2	75										35	
3	50										36	✓
4	40										37	✓
5	30										38	✓
6	20										39	✓
7	10										40	✓
8	0										41	✓
9												
10												
11												
12												

Cleaned air bleed valve

MAX. DEPTH = 117 m

TRANS. S/N D/G

SAMPLE BOTTLE NUMBER

REMARKS **W 111**

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION SR14													
CONSCAST #		LATITUDE		LONGITUDE		DATE JD= 136		TIME (GMT)		DRY BULB		WIND DIRN.		WIND SPD.		CLOUD (gmt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
275808.04N		14829.119W		1916		MAY 01 17 06		17 06		7.0		5.4		99.4		7 07 0		2 0		5 0		SR14	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gmt)	
PRESS SN 53586		START DOWN		AT DEPTH		AT SURFACE		PAR S/N 4603		NO		FLUOR S/N 23450-202		NO		CHIAM S/N		D/A		TRANS. S/N		D/A	
PRI TEMP SN 2786		SEC TEMP SN 696		PRI COND SN 2489		SEC COND SN 2490		PAR S/N 4603		NO		FLUOR S/N 23450-202		NO		CHIAM S/N		D/A		TRANS. S/N		D/A	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.			
1 10		500		250		125		100		50		40		30		20		10		0			
2 500		250		125		100		50		40		30		20		10		0					
3 250		125		100		50		40		30		20		10		0							
4 125		100		50		40		30		20		10		0									
5 100		50		40		30		20		10		0											
6 50		40		30		20		10		0													
7 40		30		20		10		0															
8 30		20		10		0																	
9 20		10		0																			
10 10		0																					
11 0																							
12																							

Cleaned air bleed valve

MAX. DEPTH = 1167 m

CTD CONVERTED MONITOR VALUES

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION SR15																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 136		TIME (GMT)		DRY BULB		Wet REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
28		57.59.75N		148.21.17W		16 MAY 01 2011		07:30		7.3		5.5		994		4		7		060		18		6		21		256		SR15	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																			
PRESS SN		53586		DATA ON																											
PRI TEMP SN		2786		START DOWN																											
SEC TEMP SN		696		AT DEPTH																											
PRI COND SN		2489		AT SURFACE																											
SEC COND SN		2490		PAR S/N		4603		NO		FLUOR S/N		93450-202		NO		CHIAM S/N		D/A		SAMPLE BOTTLE DATA		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
POS. TRIP DEPTH																															
1		1030																													
2		1000																													
3		500																													
4		250																													
5		125																													
6		100																													
7		75																													
8		50																													
9		30																													
10		20																													
11		10																													
12		0																													

Cleaned air bleed valve

MAX. DEPTH = 1230 m

TRANS. S/N D/A

SAMPLE BOTTLE NUMBER

SALINITY

SEC. TEMP.

PRI. TEMP.

PRESSURE

TRIP DEPTH

DATA ON

START DOWN

AT DEPTH

AT SURFACE

PAR S/N

FLUOR S/N

CHIAM S/N

D/A

SAMPLE BOTTLE DATA

SALINITY

SAL.

NUTR.

CHL.

WHIT'S NUTR.

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																															
NOAA Ship RON BROWN		RB-01-03, leg 2																																							
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	RELATIVE HUMIDITY (%)	PRESSURE (mb)	SEA STATE	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (cm)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID																								
	DEG	MIN	DEG	MIN	DAY	MO												YR	HR	MIN	SEC	TYPE																			
029	58	12.00	N	147	24.00	W	17	MAY	01	00	49	7.8	6.2	01	47	07	0	277	1GAK14																						
CTD SBE 9Plus 93450-209																																									
PRESS SN		53586																																							
PRI TEMP SN		2786																																							
SEC TEMP SN		696																																							
PRI COND SN		2489																																							
SEC COND SN		2490																																							
TRIP DEPTH		1500																																							
		1000																																							
		500																																							
		250																																							
		150																																							
		100																																							
		75																																							
		50																																							
		30																																							
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		10																																							
		0																																							
<table border="1"> <thead> <tr> <th colspan="2">TIMES</th> <th colspan="2">JD/TIME</th> <th colspan="2">DATA LOCATION</th> <th colspan="2">FILE NAME/HEADER</th> </tr> <tr> <th>DATA ON</th> <th>START DOWN</th> <th>AT DEPTH</th> <th>AT SURFACE</th> <th>Tape/Diskette ID</th> <th>File Name/Header</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>																		TIMES		JD/TIME		DATA LOCATION		FILE NAME/HEADER		DATA ON	START DOWN	AT DEPTH	AT SURFACE	Tape/Diskette ID	File Name/Header										
TIMES		JD/TIME		DATA LOCATION		FILE NAME/HEADER																																			
DATA ON	START DOWN	AT DEPTH	AT SURFACE	Tape/Diskette ID	File Name/Header																																				
PAR S/N		4603		FLUOR S/N		93450-202		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER																									
PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.																									
1		1500										22		76																											
2		1000										23		77																											
3		500										24		78																											
4		250										25		79																											
5		150												80																											
6		100												81																											
7		75												82																											
8		50												83		✓																									
9		30												84		✓																									
10		20												85		✓																									
11		10												86		✓																									
12		0												87		✓																									

Drifter 13142

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION																																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID																							
031 5814.45 N		147 56.05 W		17 MAY 01		0621		6.8		6.0		470		60		11		8		221		62		GAK12																									
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		CLEANED AIR BLEED VALVE		MAX. DEPTH =		m		TRANS. S/N		n/a		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		WHIT'S NUTR.																					
PRESS SN 53586		START DOWN		AT DEPTH		AT SURFACE		PAR S/N 4603		FLUOR S/N 93450-202		CHIAM S/N		n/a		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.																					
PRI TEMP SN 2786		SEC TEMP SN 696		PRI COND SN 2489		SEC COND SN 2490		CTD CONVERTED MONITOR VALUES		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.																							
1 1500		2 1000		3 500		4 250		5 150		6 100		7 75		8 50		9 30		10 20		11 10		12 0		26		100		1		2		3		4		5		6		7		8		9		10		11	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG R8-01-03, leg 2				DSDB I.D.		STATION DESIGNATION 6A/11									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 137		TIME (GMD)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
325823.31N		14804.24W		17MA Y 010955		7.1		034708010		7.3		214356		a k 11			
CTD SBE 9Plus 93450-209		DEG MIN		DEG MIN		DAY MO YR		HR MIN		(mb)		(m/s)		(m)			
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header											
PRI TEMP SN 2786		START DOWN															
SEC TEMP SN 696		AT DEPTH															
PRI COND SN 2489		AT SURFACE															
SEC COND SN 2490		PAR S/N 4603 N		FLUOR S/N 93450-209 N		CHIAM S/N		D/G		TRANS. S/N		D/G		SAMPLE BOTTLE NUMBER			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.	
1 b																	
2 1000																	
3 500																	
4 250																	
5 125																	
6 100																	
7 75																	
8 50																	
9 30																	
10 20																	
11 10																	
12 0																	

REMARKS
wo 1370
 Cleaned air bleed valve
MAX. DEPTH = 1405 m

Drifter 13141

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION GAK10																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 137		TIME (GMT)		DRY BULB		REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		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)								
33	58	32	44	N	148	12	64	W	17	M	A	Y	01	13	07	6.8	5.8	04	7	0	80	15	6	8	2	1	4	7	5	GAK10	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																			
PRESS SN		53586		DATA ON																											
PRI TEMP SN		2786		START DOWN																											
SEC TEMP SN		696		AT DEPTH																											
PRI COND SN		2489		AT SURFACE																											
SEC COND SN		2490		PAR S/N		4603		NO		FLUOR S/N		93450-209		NO		CHIAM S/N		DLQ		TRANS. S/N		DLQ		SAMPLE BOTTLE NUMBER							
POS.	TRIP DEPTH																														
1	6	1448																													
2	1000																														
3	500																														
4	250																														
5	125																														
6	100																														
7	75																														
8	50																														
9	30																														
10	20																														
11	10																														
12	0																														

Cleaned air bleed valve

MAX. DEPTH = 1448 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSD8 I.D.				STATION DESIGNATION 6ab9																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=137		TIME (GMD)		DRY BULB		REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gmt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
345840.80N		14821.03W		17MA Y 01		1720		8.2		6.8		0547		0701		2		283		6AK9		882		283		6AK9		283		6AK9	
CTD SBE 9Plus 93450-209		TIMES		* JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		659		wo 259															
PRESS SN 53586		DATA ON																													
PRI TEMP SN 2786		START DOWN																													
SEC TEMP SN 696		AT DEPTH																													
PRI COND SN 2489		AT SURFACE																													
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N D/G		TRANS. S/N D/G		SAMPLE BOTTLE NUMBER																					
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.													
1 270		Route wouldn't trip // Cast below																													
2 200																															
3 150																															
4 100																															
5 75																															
6 50																															
7 40																															
8 30																															
9 20																															
10 10																															
11 0																															
12																															

possibly 2 bottles at bottom - green USW stayed on box first time, number abandoned 2 at 2nd attempt

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION GAK9										
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=137		TIME (GMT)		DRY BULB	REL-HUM	PRESSURE	SEA STATE	WIND DIRN.	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)	
3558	40.80	N	148	21.03	W	17	M	A	Y	01	17	20	18.8	054	70	70	283	GAK9
CTD SBE 9Plus 93450-209																		
TIMES JD/TIME DATA LOCATION																		
PRESS SN 53586 DATA ON File Name/Header																		
PRI TEMP SN 2786 START DOWN Tape/Diskette ID																		
SEC TEMP SN 696 AT DEPTH _____																		
PRI COND SN 2489 AT SURFACE _____																		
SEC COND SN 2490 _____																		
<input checked="" type="checkbox"/> PAR S/N 4603 <input checked="" type="checkbox"/> FLUOR S/N 93450-209 <input type="checkbox"/> CHAM S/N D/A CTD CONVERTED MONITOR VALUES																		
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL.	WHIT'S NUTR.							
19	270 ✓																	
23	280 ✓																	
24	150 ✓																	
45	100 ✓																	
86	75																	
47	50																	
78	40																	
89	30																	
91	20																	
10	10																	
11	0 ✓																	
12																		

Cleaned air bleed valve
MAX. DEPTH = 268 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION GAK8			
CONSC CAST #		LONGITUDE		DATE JD= 137		TIME (GMT)		WIND DIRN.		WIND SPD.	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		DRY BULB (°C)		(m/s)	
036 58 47.51 N		14 22 9.39 W		17 MAY 01		18 51		7.9		15 7.6	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS		wo 272	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header		Cleared air bleed valve		MAX. DEPTH = 281 m	
PRI TEMP SN 2786		START DOWN									
SEC TEMP SN 696		AT DEPTH									
PRI COND SN 2489		AT SURFACE									
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N		TRANS. S/N		D/G	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL. NUTR. CHL. NUTR.	
1 6		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		47	
2 200										48	
3 150		mushie								49	
4 150										50	
5 100										51	
6 75										52 ✓	
7 50										53 ✓	
8 40										54 ✓	
9 30										55 ✓	
10 20										56 ✓	
11 10										57 ✓	
12 0											

Drifter

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION	
CONSC CAST #		LATITUDE		DATE JD=		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
0375852.93 N		14833.56 W		17 MAY 01		2023	
CTD SBE 9Plus 93450-209		LONGITUDE		TIME		DRY BULB	
PRESS SN 53586		DATA ON		DATA ON		REL-HUM	
PRI TEMP SN 2786		START DOWN		START DOWN		PRESSURE	
SEC TEMP SN 696		AT DEPTH		AT DEPTH		SEA STATE	
PRI COND SN 2489		AT SURFACE		AT SURFACE		VISIBILITY	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		WIND DIRN.	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		CHIAM S/N		WIND SPD.	
1 bot		PRESSURE		PRI. TEMP.		WIND DIRN.	
2 250		valve had not been tightened down - leaked		SEC. TEMP.		WIND SPD.	
3 200		leaked when nozzle was pushed in		SALINITY		WIND DIRN.	
4 150		leaked some when nozzle pushed in		SALINITY		WIND DIRN.	
5 100				SALINITY		WIND DIRN.	
6 75				SALINITY		WIND DIRN.	
7 50				SALINITY		WIND DIRN.	
8 30				SALINITY		WIND DIRN.	
9 15				SALINITY		WIND DIRN.	
10 15				SALINITY		WIND DIRN.	
11 15				SALINITY		WIND DIRN.	
12 0				SALINITY		WIND DIRN.	

Drifter deployed at 21:50 13156

WEATHER	TYPE	CLOUD (m)	WIND SPD. (m/s)	WIND DIRN. (deg)	SEA STATE	PRESSURE (mb)	REL-HUM (%)	DRY BULB (°C)	TIME (GMT)	FILE NAME/HEADER
2	2	30	13	085	47	074	65	8.6	2023	File Name/Header

DATA LOCATION	DATA LOCATION	DATA LOCATION
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

FILE NAME/HEADER	FILE NAME/HEADER	FILE NAME/HEADER
3	3	3

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
038		58 58.33 N		148 37.74 W		17 MAY 01		22 38		8.8		6.5		0747		15		632		82		245		9AK7									
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN		53586		DATA ON																													
PRI TEMP SN		2786		START DOWN																													
SEC TEMP SN		696		AT DEPTH																													
PRI COND SN		2489		AT SURFACE																													
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/G		TRANS. S/N		D/G		SAMPLE BOTTLE NUMBER													
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.													
1		208		200		125 x		100		75 x		50		40 x		30		20 x		10		0											
2		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
3		200		150		125 x		100		75 x		50		40 x		30		20 x		10		0											
4		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
5		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
6		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
7		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
8		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
9		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
10		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
11		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											
12		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS		MISS											

plate 3 4 11 13 15 17

Cleaned air bleed valve

MAX. DEPTH = m

CTD CONVERTED MONITOR VALUES

TRANS. S/N D/G

SAMPLE BOTTLE DATA

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

TRIP DEPTH

WHIT'S NUTR.

same as above about depth

100 - 210 FURL

Downed

Bot

200

150

125 x

100

75 x

50

40 x

30

20 x

10

0

68

69

150

68

69

150

VESSEL		PROJECT & LEG		STATION DESIGNATION	
NOAA Ship RON BROWN		RB-01-03, leg 2		GAK62	
CONSC CAST #		DATE JD=		WIND DIRN.	
0395903.70N		18 MAY 01		110	
LATITUDE		TIME (GMD)		WIND SPD.	
14841.97W		0020		15	
DEG MIN		DRY BULB		WEATHER	
03 59 03 .70 N		9.8		65	
LONGITUDE		REL-HUM		CLOUD (amt)	
14841.97 W		7.20837		732	
DEG MIN		PRESSURE		TYPE	
48 41 .97 W		7.20837 (mb)		65	
TIMES		FILE NAME/HEADER		REMARKS	
CTD SBE 9Plus 93450-209		93450-209		Problems fixing bottles	
PRESS SN 53586		Tape/Diskette ID		Cleaned air bleed valve	
PRI TEMP SN 2786		FLUOR S/N 93450-202		MAX. DEPTH = 178 m	
SEC TEMP SN 696		PAR S/N 4603		IRANS. S/N D/G	
PRI COND SN 2489		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE NUMBER	
SEC COND SN 2490		PAR S/N 4603		5701	
TRIP DEPTH		PRI. TEMP.		SAL.	
170		17.0		71	
150		15.0		CHL.	
125		12.5		NUTR.	
100		10.0		WHIT'S NUTR.	
75		7.5			
50		5.0			
40		4.0			
30		3.0			
15		1.5			
15		1.5			
0		0			

VESSEL NOAA Ship IRON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNINATION 6AK62			
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN.		WIND SPD.	
0465903.65N		14841.99W		18MAY01		0204		100		13	
LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN.		WIND SPD.	
0465903.65N		14841.99W		18MAY01		0204		100		13	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		SEA STATE		PRESSURE	
59 03		41 99		18 MAY 01		02 04		37		083.7	
REL-H2O		REL-H2O		REL-H2O		REL-H2O		REL-H2O		REL-H2O	
6.2		6.2		6.2		6.2		6.2		6.2	
DRY BULB		DRY BULB		DRY BULB		DRY BULB		DRY BULB		DRY BULB	
9.8		9.8		9.8		9.8		9.8		9.8	
CLOUD (amt)		CLOUD (amt)		CLOUD (amt)		CLOUD (amt)		CLOUD (amt)		CLOUD (amt)	
7		7		7		7		7		7	
WEATHER		WEATHER		WEATHER		WEATHER		WEATHER		WEATHER	
8		8		8		8		8		8	
TYPE		TYPE		TYPE		TYPE		TYPE		TYPE	
8		8		8		8		8		8	
STA. NAME/ID		STA. NAME/ID		STA. NAME/ID		STA. NAME/ID		STA. NAME/ID		STA. NAME/ID	
6AK62		6AK62		6AK62		6AK62		6AK62		6AK62	
BOTTOM DEPTH		BOTTOM DEPTH		BOTTOM DEPTH		BOTTOM DEPTH		BOTTOM DEPTH		BOTTOM DEPTH	
183		183		183		183		183		183	
MAX. DEPTH =		MAX. DEPTH =		MAX. DEPTH =		MAX. DEPTH =		MAX. DEPTH =		MAX. DEPTH =	
173 m		173 m		173 m		173 m		173 m		173 m	
CLEANED AIR BLEED VALVE		CLEANED AIR BLEED VALVE		CLEANED AIR BLEED VALVE		CLEANED AIR BLEED VALVE		CLEANED AIR BLEED VALVE		CLEANED AIR BLEED VALVE	
<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
REMARKS		REMARKS		REMARKS		REMARKS		REMARKS		REMARKS	
Repeat after working on CTD		Repeat after working on CTD		Repeat after working on CTD		Repeat after working on CTD		Repeat after working on CTD		Repeat after working on CTD	
DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION		DATA LOCATION	
File Name/Header		File Name/Header		File Name/Header		File Name/Header		File Name/Header		File Name/Header	
Tape/Diskette ID		Tape/Diskette ID		Tape/Diskette ID		Tape/Diskette ID		Tape/Diskette ID		Tape/Diskette ID	
CHIAM S/N		CHIAM S/N		CHIAM S/N		CHIAM S/N		CHIAM S/N		CHIAM S/N	
93450-209		93450-209		93450-209		93450-209		93450-209		93450-209	
FLUOR S/N		FLUOR S/N		FLUOR S/N		FLUOR S/N		FLUOR S/N		FLUOR S/N	
4603		4603		4603		4603		4603		4603	
PAR S/N		PAR S/N		PAR S/N		PAR S/N		PAR S/N		PAR S/N	
2490		2490		2490		2490		2490		2490	
CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES		CTD CONVERTED MONITOR VALUES	
PRESSURE		PRESSURE		PRESSURE		PRESSURE		PRESSURE		PRESSURE	
607		607		607		607		607		607	
150		150		150		150		150		150	
125		125		125		125		125		125	
100		100		100		100		100		100	
75		75		75		75		75		75	
50		50		50		50		50		50	
40		40		40		40		40		40	
30		30		30		30		30		30	
15		15		15		15		15		15	
15		15		15		15		15		15	
0		0		0		0		0		0	
PRI. TEMP.		PRI. TEMP.		PRI. TEMP.		PRI. TEMP.		PRI. TEMP.		PRI. TEMP.	
SEC. TEMP.		SEC. TEMP.		SEC. TEMP.		SEC. TEMP.		SEC. TEMP.		SEC. TEMP.	
SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
SAL. NUTR.		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.		SAL. NUTR.	
CHL. NUTR.		CHL. NUTR.		CHL. NUTR.		CHL. NUTR.		CHL. NUTR.		CHL. NUTR.	
SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA	
SAMP. BOTTLE NUMBER		SAMP. BOTTLE NUMBER		SAMP. BOTTLE NUMBER		SAMP. BOTTLE NUMBER		SAMP. BOTTLE NUMBER		SAMP. BOTTLE NUMBER	
WHIT'S NUTR.		WHIT'S NUTR.		WHIT'S NUTR.		WHIT'S NUTR.		WHIT'S NUTR.		WHIT'S NUTR.	
TRIP DEPTH		TRIP DEPTH		TRIP DEPTH		TRIP DEPTH		TRIP DEPTH		TRIP DEPTH	
1		1		1		1		1		1	
2		2		2		2		2		2	
3		3		3		3		3		3	
4		4		4		4		4		4	
5		5		5		5		5		5	
6		6		6		6		6		6	
7		7		7		7		7		7	
8		8		8		8		8		8	
9		9		9		9		9		9	
10		10		10		10		10		10	
11		11		11		11		11		11	
12		12		12		12		12		12	

Draft 13127

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSD8 I.D.				STATION DESIGNATION GAKS																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		WET BULB REL-HUM (%)		PRESSURE (mb)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
042		59 15.76 N		148 54.47 W		18 MAY 01		05 13		8.6		6.6		0937		0601		2		7		2		172		GAKS					
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																			
PRESS SN		53586		DATA ON																											
PRI TEMP SN		2786		START DOWN																											
SEC TEMP SN		696		AT DEPTH		0512																									
PRI COND SN		2489		AT SURFACE																											
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		NO		CHIAM S/N		NO		D/G		D/G		D/G		D/G		D/G		D/G			
POS. TRIP DEPTH				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1		159		130T																											
2		150																													
3		125																													
4		100																													
5				75																											
6				50																											
7				40																											
8				30																											
9				20																											
10				10																											
11				0																											
12																															

Cleaned air bleed valve

MAX. DEPTH = 159 m

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

WHIT'S

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

CHL.

NUTR.

59 24.92 149 01.55 20 PG OF
 Date 13139 0817

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)	REL-HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	WIND TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN												
043	59	24.52	N	149	02.87	W	18	MAY	01	07	14			8.7	6.4	093	7	00	1	38	GA K 4
CTD SBE 9Plus 93450-209																					
TIMES		JD/TIME		DATA LOCATION																	
PRESS SN		53586		DATA ON		File Name/Header															
PRI TEMP SN		2786		START DOWN																	
SEC TEMP SN		696		AT DEPTH																	
PRI COND SN		2489		AT SURFACE																	
SEC COND SN		2490		PAR S/N		4603		No		FLUOR S/N		23450-202		No		CHIAM S/N		n/a			
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES																	
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1		190												31		93					
2		175														94					
3		150														95					
4		125														96					
5		100														97					
6		75														98					
7		50														99					
8		30														100					
9		15														1		7		Wky	
10		15														2x					
11		15														3x					
12		0														4x					

Deer Ave 13140

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION Gak 3	
CONSC CAST #		DATE JD=138		WIND DIRN. (deg)		WIND SPD. (m/s)	
LATITUDE		TIME (GMT)		SEA STATE		WEATHER	
DEG MIN		HR MIN		PRESSURE (mb)		CLOUD (amt)	
149 33.24 N		0930		5.51037		217	
LONGITUDE		DRY BULB (°C)		REL-HUM (%)		STA. NAME/ID	
DEG MIN		7.7		5.51037		217	
149 11.24 W		18 MAY 01		0930		9 AK3	
TIMES		DATA LOCATION		REMARKS			
CTD SBE 9Plus 93450-209		Tape/Diskette ID		Mooring site -			
PRESS SN 53586		File Name/Header		do replicate			
PRI TEMP SN 2786							
SEC TEMP SN 696							
PRI COND SN 2489							
SEC COND SN 2490							
PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N n/a		TRANS. S/N n/a	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 b		PRESSURE		SALINITY		SAL.	
2 150		PRI. TEMP.		SALINITY		NUTR.	
3 125		SEC. TEMP.		SALINITY		CHL.	
4 100							
5 75							
6 50							
7 40							
8 30							
9 15							
10 15							
11 15							
12 0							

NO trip

Cleaned air bleed valve

NO trip

VESSEL NOAA Ship IRON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION Gaka	
CONSC CAST #		LONGITUDE		DATE JD= 138		TIME (GMD)	
455941.53 N		14919.60 W		18 MAY 01		1140	
LATITUDE		LONGITUDE		DATE		TIME	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
14919.60		14919.60		18 MAY 01		1140	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2786		START DOWN					
SEC TEMP SN 696		AT DEPTH					
PRI COND SN 2489		AT SURFACE					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N n/a	
TRIP DEPTH		PRESSURE		SALINITY		SALINITY	
1 815							
2 150							
3 125							
4 100							
5 75							
6 50							
7 40							
8 30							
9 15							
10 15							
11 15							
12 0							
WIND DIRN.		WIND SPD.		WEATHER		STA. NAME/ID	
020		06		8		GAKA	
WIND DIRN. (deg)		WIND SPD. (m/s)		WEATHER		STA. NAME/ID	
020		06		8		GAKA	
SEA STATE		PRESSURE (mb)		WIND DIRN. (deg)		WIND SPD. (m/s)	
0		5.81		020		06	
REL HUM (%)		DRY BULB (°C)		WIND DIRN. (deg)		WIND SPD. (m/s)	
5.81		7.1		020		06	
CLOUD (amt)		WIND DIRN. (deg)		WIND SPD. (m/s)		WEATHER	
7		020		06		8	
REMARKS		CLEANED AIR BLEED VALVE		MAX. DEPTH = 215 m		TRANS. S/N D/G	
Noisy Site - do respirators		Cleaned air bleed valve		MAX. DEPTH = 215 m		TRANS. S/N D/G	
SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL. NUTR. CHL. NUTR.	
32						32 15 16 17 18 19 20 21 22 23 24	

In current

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION FF1	
CONSC CAST #		LONGITUDE		DATE JD= 138		TIME (GMT)	
475948.13N		148°46.42W		18 MAY 01		1735	
LATITUDE		LONGITUDE		DATE		TIME	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
13 48 13		46 42		18 MAY 01		17 35	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2786		START DOWN					
SEC TEMP SN 696		AT DEPTH					
PRI COND SN 2489		AT SURFACE					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHIAM S/N N/A	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 6		PRESSURE		SALINITY		SAL. 33	
2 150		PRI. TEMP.		SALINITY		NUTR. 37	
3 125		SEC. TEMP.		SALINITY		NUTR. 38	
4 1100				SALINITY		NUTR. 39	
5 75				SALINITY		NUTR. 40	
6 50				SALINITY		NUTR. 41	
7 40				SALINITY		NUTR. 42 ✓	
8 30				SALINITY		NUTR. 43 ✓	
9 20				SALINITY		NUTR. 44 ✓	
10 10				SALINITY		NUTR. 45 ✓	
11 0				SALINITY		NUTR. 46 ✓	
12 0				SALINITY		NUTR. 46	

Cleaned air bleed valve

MAX. DEPTH = 170 m

REMARKS 20 163

NO trip

No trip

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION F2	
CONSC CAST #		LONGITUDE		DATE JD= 138		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
48 59 42.60 N		14 8 40.64 W		18 MAY 01		19 22	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2786		START DOWN					
SEC TEMP SN 696		AT DEPTH					
PRI COND SN 2489		AT SURFACE					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHIAM S/N 0/0	
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.	
1 6						SALINITY	
2 150						SALINITY	
3 125						SALINITY	
4 100						SALINITY	
5 75						SALINITY	
6 50						SALINITY	
7 40						SALINITY	
8 30						SALINITY	
9 20						SALINITY	
10 20						SALINITY	
11 10						SALINITY	
12 0						SALINITY	

SEA STATE	WIND DIRN.	WIND SPD.	WIND DIRN.	WIND SPD.
38	280	06	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REL-HUM	DRY BULB	SEA STATE	WIND DIRN.	WIND SPD.
6.8	9.0	38	280	06

REMARKS
 Cleaned air bleed valve
 MAX. DEPTH = 182 m

TRANS. S/N 0/0
 SAMPLE BOTTLE NUMBER

SAL.	NUTR.	CHL.	WHI'S NUTR.
	47		
	48		
	49		
	50		
	51		
	52	✓	
	53	✓	
	54	✓	
	55	✓	
	56	✓	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION FF3																																			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gmt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID															
0495937.01 N		14 8 35.07 W		18 MAY 01		2057		9.2		6.4		1238		270		08		331		95		FF03		F																					
CTD SBE 9Plus 93450-209		TIMES		'JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																																	
PRESS SN 53586		START DOWN		AT DEPTH		AT SURFACE		PAR S/N 4603		FLUOR S/N 93450-209		CIAM S/N D/G		TRANS. S/N D/G		SAMPLE BOTTLE NUMBER																													
PRI TEMP SN 2786		SEC TEMP SN 696		PRI COND SN 2489		SEC COND SN 2490		CID CONVERTED MONITOR VALUES		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUIR.		CHL.		WHIT'S NUIR.																			
1 Bot		2 Bot		3 75		4 60		5 MISFIRE		6 40		7 30		8 20		9 10		10 10		11 0		12 0		57		58 dup		59		60		61		62		63		64		65 dup		66		67 dup	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION FF4																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		REL-HUM (%)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (cm)		TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
050		59 31.49 N		148 29.63 W		18 MAY 01		22 27 10.1		10.1		6.8		13.3		38		265		10		3		1		98		FF04					
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN		53586		DATA ON																													
PRI TEMP SN		2786		START DOWN																													
SEC TEMP SN		696		AT DEPTH		223																											
PRI COND SN		2489		AT SURFACE																													
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/G		TRANS. S/N		D/G		MAX. DEPTH =		85		m									
POS. TRIP DEPTH				CITD CONVERTED MONITOR VALUES																													
1		81		Bot																													
2		81		Bot																													
3		81		Bot																													
4		75		75																													
5		75		75																													
6		60		60																													
7		50		50																													
8		40		40		MISSFIELD																											
9		30		30																													
10		20		20																													
11		10		10																													
12		0		0																													

Handwritten notes:
 Bot
 Bot
 Bot
 75
 75
 60
 50
 40
 30
 20
 10
 0

Large handwritten note:
 No H₂O not closed

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION FF4	
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)	
0515931.42 N		14830.23 W		18 MAY 01		230210.2	
LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
0515931.42 N		14830.23 W		18 MAY 01		230210.2	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2786		START DOWN					
SEC TEMP SN 696		AT DEPTH					
PRI COND SN 2489		AT SURFACE					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N d/a	
TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1		PRESSURE		PRI. TEMP.		SALINITY	
2		185 Bot		MISERED		SEC. TEMP.	
3		85 Bot				SALINITY	
4		75				SEC. TEMP.	
5		77				SALINITY	
6		50				SEC. TEMP.	
7		50				SALINITY	
8		40				SEC. TEMP.	
9		30				SALINITY	
10		20				SEC. TEMP.	
11		10				SALINITY	
12		0				SEC. TEMP.	
WIND DIRN. (deg)		WIND SPD. (m/s)		SEA STATE		VISIBILITY	
255		09		38		255	
WIND DIRN. (deg)		WIND SPD. (m/s)		SEA STATE		VISIBILITY	
255		09		38		255	
PRESSURE (mb)		REL-HUM (%)		WIND DIRN. (deg)		WIND SPD. (m/s)	
1013.3		68.8		255		09	
CLOUD (gm)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
30		1		97		FF04	
REMARKS		Cleaned air bleed valve		MAX. DEPTH = 85 m			
Repeat							

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION FF8											
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMD)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (gm)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
055		14759.25 N		19 MAY 01		05 47		8.2		260		231		164		FF08			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME				DATA LOCATION				REMARKS							
PRESS SN 53586		DATA ON						Tape/Diskette ID		File Name/Header									
PRI TEMP SN 2786		START DOWN																	
SEC TEMP SN 696		AT DEPTH 65.52																	
PRI COND SN 2489		AT SURFACE																	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N D/G		TRANS. S/N D/G		SAMPLE BOTTLE DATA		SAL. NUJR. CHL. NUJR.		WHIT'S NUJR.					
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL. NUJR. CHL. NUJR.		WHIT'S NUJR.					
1 154		602										13							
2 154		602										14							
3 125												15							
4 125												16							
5 100												17							
6 75												18							
7 50												19							
8 40?												20							
9 40												21							
10 40												22							
11 40												23							
12 6												24							

1535
1347
1417
1000
1417
1490
1350
610
1488
1490
250
212
50
860
1538
1100

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01 03. leg 2		STATION DESIGNATION FF9	
CONSC CAST #		DATE JD= 139		WIND DIRN. (deg)	
LATITUDE		TIME (GMT)		WIND SPD. (m/s)	
DEG MIN		HR MIN		CLD (gm)	
52.59 N		0804		13	
LONGITUDE		DRY BULB (°C)		WEATHER	
DEG MIN		7.5		11/167	
74751.02 W		REL-HUM (%)		STA. NAME/ID	
19 MAY 01		5.8		FF09	
TIMES		PRESSURE (mb)		REMARKS	
DATA ON		1438		Cleaned air biased vaive	
START DOWN		SEA STATE		MAX. DEPTH = 147 m	
AT DEPTH		1538		TRANS. S/N	
AT SURFACE		1538		D/A	
PAR S/N 4603		FLUOR S/N 93450-209		SAMPLE BOTTLE NUMBER	
SEC COND SN 2490		CHIAM S/N		D/A	
TRIP DEPTH		CID CONVERTED MONITOR VALUES		SAL.	
1		PRESSURE		NUTR.	
2		607 ✓		25	
3		1000 ✓		26	
4		750 ✓		27	
5		500 ✓		28	
6		250 ✓		29	
7		175 ✓		30	
8		100 ✓		31	
9		50 ✓		32 ✓	
10		30 ✓		33 ✓	
11		20 ✓		34 ✓	
12		10 ✓		35 ✓	
0		0		36 ✓	

13130 58 43.76 177 44.27 PG OF

1218Z

VESSEL NOAA Ship IRON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION FF10	
CONSC CAST #		DATE JD= 139		TIME (GMT)		WIND DIR. (deg)	
LATITUDE		DATE		TIME		WIND SPD. (m/s)	
DEG MIN		DAY MO YR		HR MIN		WIND DIR. (deg)	
1 47 42.77 N		19 MAY 01		1050		18	
LONGITUDE		REL-HUM (%)		PRESSURE (mb)		SEA STATE	
DEG MIN		REL-HUM (%)		PRESSURE (mb)		VISIBILITY	
44.26 N		6.01548250		7.5		48250	
CITD SBE 9Plus 93450-209		JDATE		DATA LOCATION		REMARKS	
PRESS SN 53586		TAPES/DISKETTE ID		FILE NAME/HEADER		CLEANED AIR BLEED VALVE	
PRI TEMP SN 2786		TAPES/DISKETTE ID		FILE NAME/HEADER		MAX. DEPTH = 1501 m	
SEC TEMP SN 696		TAPES/DISKETTE ID		FILE NAME/HEADER		MAX. DEPTH = 1501 m	
PRI COND SN 2489		TAPES/DISKETTE ID		FILE NAME/HEADER		MAX. DEPTH = 1501 m	
SEC COND SN 2490		TAPES/DISKETTE ID		FILE NAME/HEADER		MAX. DEPTH = 1501 m	
TRIP DEPTH		FLUOR S/N 93450-202		CHAM S/N 0/0		TRANS. S/N 0/0	
1 1500		CID CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
2 1000		PRESSURE		SALINITY		SAL. NUTR. CHL. WHIT'S NUJIR	
3 750		NO TRIP		SALINITY		35 37 38 37	
4 500		NO TRIP		SALINITY		35 38 37 37	
5 250		NO TRIP		SALINITY		35 38 37 37	
6 100		NO TRIP		SALINITY		35 38 37 37	
7 50		NO TRIP		SALINITY		35 38 37 37	
8 40		NO TRIP		SALINITY		35 38 37 37	
9 30		NO TRIP		SALINITY		35 38 37 37	
10 20		NO TRIP		SALINITY		35 38 37 37	
11 10		NO TRIP		SALINITY		35 38 37 37	
12 0		NO TRIP		SALINITY		35 38 37 37	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATA1	
CONSC CAST #		DATE JD= 139		REL-HUM (1.2617)		WIND DIRN. (m/s)	
LATITUDE		TIME (GMT)		PRESSURE (mb)		WIND SPD. (m/s)	
DEG MIN		HR MIN		DRY BULB (°C)		WEATHER	
14809.95		1427		8.0		21	
LONGITUDE		JD/TIME		SEA STATE		BOTTOM DEPTH (m)	
DEG MIN		DAY MO YR		VISIBILITY		153	
14809.95		19 MAY 01		48		ATA1	
TIMES		DATA ON		FILE NAME/HEADER		REMARKS (149)	
CTD SBE 9Plus 93450-209		START DOWN		Tape/Diskette ID		Cleaned air bl: sec vct/e	
PRESS SN 53586		AT DEPTH		AT SURFACE		MAX. DEPTH = 139 m	
PRI TEMP SN 2786		AT SURFACE		PAR S/N 4603		TRANS. S/N D/G	
SEC TEMP SN 696		PAR S/N 4603		FLUOR S/N 93450-209		SAMPLE BOTTLE NUMBER	
PRI COND SN 2489		CTD CONVERTED MONITOR VALUES		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
SEC COND SN 2490		PRESSURE		SEC. TEMP		47 48 49 50 51 52 53 54 55	
TRIP DEPTH		PRI. TEMP.		SALINITY		No trip 55	
1 140							
2 125							
3 100							
4 75							
5 50							
6 40							
7 30							
8 20							
9 10							
10 10							
11 0							
12 1							

55 Not used

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATA2	
CONSC CAST #		LONGITUDE		DATE JD= 139		TIME (GMD)	
595855.37N		14812.48W		19 MAY 01		1600	
CTD SBE 9Plus 93450-209		TIDES		JD/TIME		DATA LOCATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2786		START DOWN					
SEC TEMP SN 696		AT DEPTH					
PRI COND SN 2489		AT SURFACE					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N D/A	
POS. TRIP DEPTH		CIT CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 260		PRESSURE		SALINITY		SAL. NUJR. CHL. NUJIR.	
2 225		PRI. TEMP.		SEC. TEMP.		36 57 57	
3 200		SEC. TEMP.		SALINITY		help 58	
4 175		SALINITY		SALINITY		59 59	
5 150		SALINITY		SALINITY		60 60	
6 100		SALINITY		SALINITY		61 62	
7 75		SALINITY		SALINITY		62 62	
8 50		SALINITY		SALINITY		63 63	
9 30		SALINITY		SALINITY		64 64	
10 20		SALINITY		SALINITY		65 65	
11 10		SALINITY		SALINITY		66 66	
12 0		SALINITY		SALINITY		66 66	

Cleaned air bleed valve

MAX. DEPTH = 260 m

TRANS. S/N D/A

PAR S/N 4603

FLUOR S/N 93450-209

CHIAM S/N D/A

No Help

280 185 210 160 325 335 136 136 257 257 282 282 257 PG OF

VESSEL		PROJECT & LEG		STATION DESIGNATION											
NOAA Ship RON BROWN		RB-01-03, leg 2		ATA3											
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD = 139	TIME (GMT)	DRY BULB	REL-HUM	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (gm)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
605850	39 N	148 15.02 W	19 MAY 01	1751	8.9	7.5	17.4	2	4	0	9	1311	278	278	
CTD SBE 9Plus 93450-209		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		DATA LOCATION		Tape/Diskette ID		File Name/Header	
PRESS SN	53586	DATA ON													
PRI TEMP SN	2786	START DOWN													
SEC TEMP SN	696	AT DEPTH													
PRI COND SN	2489	AT SURFACE													
SEC COND SN	2490	PAR S/N	4603	FLUOR S/N	93450-202	CHIAM S/N	D/A	TRANS. S/N	D/A	MAX. DEPTH = 263 m					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1	250	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY									
2	225														
3	200														
4	175														
5	150														
6	100														
7	75														
8	50														
9	30														
10	20														
11	10														
12	0														

REMARKS: Small boat occupying actual position. This is close.

Cleaned air bleed valve

No trip

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		STATION DESIGNATION ATA4	
DATE JD=139		DSDB I.D.		STA. NAME/ID	
LONGITUDE		TIME (GMT)		WIND DIRN. SPD. (m/s)	
DEG MIN	DEG MIN	HR MIN	DRY BULB (°C)	WIND DIRN. (deg)	WIND SPD. (m/s)
148	17.4	19	10.2	235	13
LATITUDE		DATE		WIND TYPE WEATHER	
DEG MIN	DEG MIN	DAY MO YR	REL. HUM. (%)	CLOUD (g/m ³)	BOTTOM DEPTH (m)
45.1	17.4	19 MAY 01	8.2	31	270
CTD SBE 9Plus 93450-209		JD/TIME		REMARKS	
PRESS SN	53586	Tape/Diskette ID		Cleaned air bleed valve	
PRI TEMP SN	2786	File Name/Header		MAX. DEPTH = 258 m	
SEC TEMP SN	696	Data Location		CHIAM S/N	
PRI COND SN	2489	PAR S/N 4603		FLUOR S/N 93450-209	
SEC COND SN	2490	CTD CONVERTED MONITOR VALUES		TRANS. S/N	
TRIP DEPTH		PRI. TEMP.	SEC. TEMP.	PRESSURE	SALINITY
1	250				37.75
2	225				76
3	200				77
4	175				78
5	150				79
6	100				80
7	75				81
8	50				82
9	30				
10	20				
11	10				
12	0				

mistfire

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION ATMS																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
062		5837.98 N		148 19.89 W		19 MAY 01		12 16		9.8		7.8		48.2		4		8		230		14		131		280		ATMS			
CTD SBE 9Plus 93450-209		TIMES		* JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		275		Cleaned air bleed valve		MAX. DEPTH =		m											
PRESS SN		53586		DATA ON																											
PRI TEMP SN		2786		START DOWN																											
SEC TEMP SN		696		AT DEPTH																											
PRI COND SN		2489		AT SURFACE																											
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/G		TRANS. S/N		D/G													
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES																											
1		266		BOT																											
2		242																													
3		225																													
4		200																													
5		175																													
6		150																													
7		100																													
8		75																													
9		50																													
10		30																													
11		20																													
12		10																													

Flow Transducer

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION														
NOAA Ship RON BROWN		RB-01-03, leg 2				ATA-6														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB	REL. HUM.	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (gmt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)			(deg)	(m/s)		(m)		
063	58	34.80	N	148	22.37	W	19	MAY	01	22	43	10.2	8.3	213	82	10	10	231	523	ATA76
CTD SBE 9Plus 93450-209																				
PRESS SN		53586																		
PRI TEMP SN		2786																		
SEC TEMP SN		696																		
PRI COND SN		2489																		
SEC COND SN		2490																		
TRIP DEPTH		PAR S/N		4603		FLUOR S/N		93450-202		CHIAM S/N		D/G		TRANS. S/N		D/G		SAMPLE BOTTLE NUMBER		
CTD CONVERTED MONITOR VALUES																				
POS.	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL.	WHIT'S NUTR.									
1								37	92											
2	448								93											
3	400								94											
4	348								95											
5	299								96											
6	197								97											
7	150								98											
8	99								99											
9	50								100											
10	30								1											
11	20								2											
12	10								3											

Flow Time 4

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION											
NOAA Ship RON BROWN		RB-01-03, leg 2						ATA-7											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	REL-HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (gm)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO													YR
06-15829	47	N	148	24	15	W	20	08	62	13	8	190	10	3	1	78	8	ATA7	
CTD SBE 9Plus 93450-209																			
PRESS SN		53586		DATA ON															
PRI TEMP SN		2786		START DOWN															
SEC TEMP SN		696		AT DEPTH		0048													
PRI COND SN		2489		AT SURFACE															
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/A		TRANS. S/N		D/A	
CTD CONVERTED MONITOR VALUES																			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	WHIT'S										
1	791	bot						5											
2	506	---	Misfil					6											
3	406							7											
4	299							8											
5	199							9											
6	156							10											
7	125	---	Misfil					11	✓										
8	100							12	✓										
9	50							13	✓										
10	298	---	Misfil					14	✓										
11	20.5																		
12	10																		

Cleaned air bleed valve

MAX. DEPTH = 791 m

REMARKS 801

DATA LOCATION

Tape/Diskette ID File Name/Header

Fluor Tube Sample

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDBI.D.		STATION DESIGNATION ATB7																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL-HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA NAME/II	
065838		38.05N		148.48W		20 MAY 01		0336		10.3		8.1		12.1		3		8		170		10		4		8		124		ATB7			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN 53586		DATA ON																															
PRI TEMP SN 2786		START DOWN																															
SEC TEMP SN 696		AT DEPTH																															
PRI COND SN 2489		AT SURFACE		0353																													
SEC COND SN 2490		PAR S/N 4603								FLUOR S/N 93450-209		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WI		NU											
1 115																																	
2 160																																	
3 90																																	
4 39																																	
5 60																																	
6 50																																	
7 40																																	
8 30																																	
9 30																																	
10 20																																	
11 10																																	
12 0																																	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDBI D.		STATION DESIGNATION A1B6																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		Wet REL-HUM (%)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (mf)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0665843		38.36N		148.45W		20 MAY 01		0503		9.1		6.8		21.3		8		1		240		240		A1B6		A1B6					
CTD SBE 9Plus 93450-209		TIMES		* JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		235																	
PRESS SN		53586		DATA ON																											
PRI TEMP SN		2786		START DOWN																											
SEC TEMP SN		696		AT DEPTH																											
PRI COND SN		2489		AT SURFACE																											
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-202		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.			
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.									
1		BOT		225																											
2		200		✓																											
3		175		✓																											
4		150		✓																											
5		125		✓																											
6		100		✓																											
7		75		✓																											
8		50		✓																											
9		30		✓																											
10		30		✓																											
11		20		✓																											
12		10		✓																											

Flow-Thru
Sample

3A

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDDB I.D.		STATION DESIGNATION ATBS	
CONSC CAST #		DATE JD= 140		TIME (GMT)		WIND DIRN. (deg)	
LATITUDE		DATE		TIME		WIND SPD. (m/s)	
DEG MIN		DAY	MO	HR	MIN	WIND DIRN. (deg)	
14 48.46 N		20	MAY	06	53	WIND SPD. (m/s)	
LONGITUDE		TIME		TIME		WIND DIRN. (deg)	
DEG MIN		* JD/TIME		TIME		WIND SPD. (m/s)	
14 42.96 W		20 MAY 01		06 53		WIND DIRN. (deg)	
CTD SBE 9Plus 93450-209		TIMES		TIME		WIND SPD. (m/s)	
PRESS SN 53586		DATA ON		TIME		WIND DIRN. (deg)	
PRI TEMP SN 2786		START DOWN		TIME		WIND SPD. (m/s)	
SEC TEMP SN 696		AT DEPTH		TIME		WIND DIRN. (deg)	
PRI COND SN 2489		AT SURFACE		TIME		WIND SPD. (m/s)	
SEC COND SN 2490		AT SURFACE		TIME		WIND DIRN. (deg)	
POS. TRIP DEPTH		PAR S/N 4603		FLUOR S/N 93450-209		WIND SPD. (m/s)	
1 251 130		CTD CONVERTED MONITOR VALUES		CHIAM S/N		WIND DIRN. (deg)	
2 225 125		PRESSURE		FLUOR S/N		WIND SPD. (m/s)	
3 200 120		PRI. TEMP.		CHIAM S/N		WIND DIRN. (deg)	
4 175 115		SEC. TEMP.		FLUOR S/N		WIND SPD. (m/s)	
5 150 110		PRESSURE		CHIAM S/N		WIND DIRN. (deg)	
6 130 105		PRI. TEMP.		FLUOR S/N		WIND SPD. (m/s)	
7 100 100		SEC. TEMP.		CHIAM S/N		WIND DIRN. (deg)	
8 50 50		PRESSURE		FLUOR S/N		WIND SPD. (m/s)	
9 30 30		PRI. TEMP.		CHIAM S/N		WIND DIRN. (deg)	
10 30 30		SEC. TEMP.		FLUOR S/N		WIND SPD. (m/s)	
11 20 20		PRESSURE		CHIAM S/N		WIND DIRN. (deg)	
12 9 10		PRI. TEMP.		FLUOR S/N		WIND SPD. (m/s)	

DATA LOCATION
File Name/Header
Tape/Diskette ID

REMARKS
Cleaned air bleed valve
MAX. DEPTH = 251 m

TRANS. S/N
SAMPLE BOTTLE NUMBER

SAMPLE BOTTLE DATA
SALINITY

WHIT'S NUTR.
NUTR. CHL. NUTR.

MISPIRED
MISPIRED

Flow Transducer

Drifter 13132 0936 5854.5 @ 148 38.94 PG OF

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATB4	
CONSC CAST #		DATE JD= 140		WIND DIRN. (deg)		WIND SPD. (m/s)	
LATITUDE		TIME (GMT)		SEA STATE		WEATHER	
DEG MIN		HR MIN		PRESSURE (mb)		CLOUD (amt)	
148 39.86		08 39		7.1		531	
LONGITUDE		DRY BULB REE-HUM (%)		WIND DIRN. (deg)		WIND SPD. (m/s)	
DEG MIN		7.1		138		145	
148 39.86		5.52		120		145	
CTD SBE 9Plus 93450-209		JD/TIME		DATA LOCATION		REMARKS	
TIMES		Tape/Diskette ID		File Name/Header			
DATA ON							
START DOWN							
AT DEPTH							
AT SURFACE						Cleaned air bleed valve	
PRI COND SN 2489		PAR S/N 4603		CHIAM S/N		MAX. DEPTH = 257 m	
SEC COND SN 2490		FLUOR S/N 93450-209		CHIAM S/N		TRANS. S/N	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 3		PRESSURE		SALINITY		SAL.	
2 225		PRI. TEMP.		SALINITY		38	
3 200		SEC. TEMP.		SALINITY		49	
4 175		SEC. TEMP.		SALINITY		50	
5 150		SEC. TEMP.		SALINITY		51	
6 125		SEC. TEMP.		SALINITY		52	
7 100		SEC. TEMP.		SALINITY		53	
8 50		SEC. TEMP.		SALINITY		54	
9 30		SEC. TEMP.		SALINITY		55	
10 30		SEC. TEMP.		SALINITY		56	
11 20		SEC. TEMP.		SALINITY		57	
12 10		SEC. TEMP.		SALINITY		58	
		SEC. TEMP.		SALINITY		59	
		SEC. TEMP.		SALINITY		60	

Flow 0

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDBI.D.				STATION DESIGNATION A733			
CONSC CAST #		LONGITUDE		DATE JD= 140		TIME (GMT)		DRY BULB (°C)		WIND DIRN.		WIND SPD.	
695859.25N		14836.91W		20 MAY 01		1020		7.5		085		16	
LATITUDE		DEG MIN		DAY MO YR		HR MIN		PRESSURE		SEA STATE		WEATHER	
14836.91		20		MAY 01		1020		5.82038		085		244	
IDEG MIN		MIN		YR		MIN		REL HUM		TYPE		NAME/ID	
25		91		01		1020		11		7.2		A733	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS					
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header							
PRI TEMP SN 2786		START DOWN											
SEC TEMP SN 696		AT DEPTH											
PRI COND SN 2489		AT SURFACE										Cleaned air bleed valve	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHIAM S/N D/G		TRANS. S/N D/G		MAX. DEPTH = 228 m			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL. NUTR.		CHL. NUTR.	
1 B										61			
2 200										62			
3 175								No temp		63			
4 150										64			
5 125										65			
6 100										66			
7 75										67		✓	
8 50										68		✓	
9 30										69		✓	
10 30										70		✓	
11 20										71		✓	
12 10										72		✓	

68 0

69 87

VESSEL		PROJECT & LEG				STATION DESIGNATION													
NOAA Ship RON BROWN		RB-01-03, leg 2				A132													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 140		TIME (GMT)		DRY BULB	REL-HUM	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(m/s)	(amt)		(m)		
705904	47	N	14833	09	6	20	11	54	7.5	5.3	194	7090	18	762	225	A132			
CTD SBE 9Plus 93450-209																			
TIMES																			
DATA ON _____																			
START DOWN _____																			
AT DEPTH _____																			
AT SURFACE _____																			
DATA LOCATION: _____ File Name/Header: _____ Tape/Diskette ID: _____ <input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = 210 m																			
SECCOND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		d/a		TRANS. S/N		d/a	
CTD CONVERTED MONITOR VALUES																			
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL.	WHIT'S NUTR.								
1	210								69										
2	175								70										
3	150								71										
4	125								72										
5	100								73										
6	75								74										
7	50								75		✓								
8	30										✓								
9	30										✓								
10	20										✓								
11	10										✓								
12	0								76		✓								

VESSEL NOAA Ship RON BROWN			PROJECT & LEG RB-01-03, leg 2			DSDBI.D.			STATION DESIGNATION ATB1																
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=140			TIME (GMT)		DRY BULB		WIND DIRN.		WIND SPD.		CLOUD (gm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
715909		.74N		14831.15W		20 MAY 01		1323		6.8		5.1		1847095		22		762		156		ATB1			
CTD SBE 9Plus 93450-209																									
PRESS SN		53586		DATA ON				Tape/Diskette ID		File Name/Header															
PRI TEMP SN		2786		START DOWN																					
SEC TEMP SN		696		AT DEPTH																					
PRI COND SN		2489		AT SURFACE																					
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		n/a		TRANS. S/N		n/a							
POS. TRIP DEPTH				PRESSURE				PRI. TEMP.				SEC. TEMP.				SALINITY				SAL.		77		NUTR.	
1 13=144																				39		77		CHL.	
2 125																						78		NUTR.	
3 100																						79		CHL.	
4 75																						80		NUTR.	
5 50																						81		CHL.	
6 40																						82		NUTR.	
7 30																						83		CHL.	
8 20																						84		NUTR.	
9 10																								CHL.	
10 10																								NUTR.	
11 0																								CHL.	
12 (0)																								NUTR.	

CID CONVERTED MONITOR VALUES

DATA LOCATION

JD/TIME

Tape/Diskette ID

File Name/Header

DATA ON

START DOWN

AT DEPTH

AT SURFACE

Cleaned air bleed valve

MAX. DEPTH = 144 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATC2	
CONSC CAST #		DATE JD= 140		TIME (GMT)		WIND DIRN. (deg)	
LATITUDE		DATE		TIME		WIND SPD. (m/s)	
DEG MIN		DAY	MO	HR	MIN	DIRN.	SPD.
73	59.14 N	14	05	18	09	70	2.8
LONGITUDE		REL HUM (%)		SEA STATE		WEATHER	
DEG MIN		DRY BULB (°C)		PRESSURE (mb)		TYPE	
111	10 W	7.6	5.2	14	4	8	2
CTD SBE 9Plus 93450-209		DATA LOCATION		CLOUD (cm)		BOTTOM DEPTH (m)	
TIMES		Tape/Diskette ID		FILE NAME/HEADER		STA. NAME/ID	
DATA ON		File Name/Header				ATC2	
START DOWN							
AT DEPTH							
AT SURFACE							
PRESS SN 53586		FLUOR S/N 93450-209		CHIAM S/N		TRANS. S/N	
PRI TEMP SN 2786		PAR S/N 4603		D/A		D/A	
SEC TEMP SN 696		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
PRI COND SN 2489		PRI. TEMP.		SEC. TEMP.		SAL. NUTR. CHL. WHIT'S NUTR.	
SEC COND SN 2490		PRESSURE		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
TRIP DEPTH		SEC. TEMP.		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
1	6-213	No temp		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
2	175			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
3	150			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
4	125			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
5	100			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
6	75			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
7	50			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
8	30			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
9	20			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
10	20			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
11	10			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
12	0			SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	

Cleaned air bleed valve

MAX. DEPTH = 213 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION ATc3													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 140		TIME (GMT)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
745856.05N		14912.06W		20 MAY 01		1936		7.5		6.31247060		25		882		221		ATc3			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS									
PRESS SN 53586		DATA ON																			
PRI TEMP SN 2786		START DOWN																			
SEC TEMP SN 696		AT DEPTH																			
PRI COND SN 2489		AT SURFACE																			
SEC COND SN 2490		PAR S/N 4603		NO		FLUOR S/N 93450-209		NO		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.			
1 206														99							
2 175														100							
3 150														1							
4 125														2							
5 100														3							
6 75														4							
7 50														5							
8 40																					
9 30																					
10 20																					
11 10																					
12 0																				6	

Cleaned air bleed valve

MAX. DEPTH = 206 m

CTD CONVERTED MONITOR VALUES

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION ATC 4											
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0755852.92N		14913.05W		20 MAY 01		21 02		7.5		5.6		47055		2		207		ATC 4	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS							
PRESS SN 53586		DATA ON																	
PRI TEMP SN 2786		START DOWN																	
SEC TEMP SN 696		AT DEPTH																	
PRI COND SN 2489		AT SURFACE																	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 23450-202		CHIAM S/N n/a		MAX. DEPTH = 195 m		CLEANED AIR BLEED VALVE									
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		TRANS. S/N		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.	
1 195		Bot												41		7			
2 175																8			
3 150																9			
4 125																10			
5 100																11			
6 75																12			
7 50																13			
8 30																			
9 30																			
10 20																			
11 10																			
12 0																14			

VESSEL		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																					
NOAA Ship RON BROWN		RB-01-03, leg 2																													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	WET BULB (%)	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID															
	DEG	MIN	DEG	MIN	DAY	MO											YR	HR	MIN	(mb)	(deg)	(m/s)	*	*	*						
076	58	46.8	1	149	15	10	W	20	1	2	27	3	16.8	5.4	07	5	7	0	6	0	3	5	8	8	2	1	9	2	ATCS		
<p>CTD SBE 9Plus 93450-209</p> <p>TIMES JD/TIME (2036)</p> <p>DATA LOCATION File Name/Header</p> <p>Tape/Diskette ID</p> <p>MAX. DEPTH = 174 m</p> <p><input type="checkbox"/> Cleaned air bleed valve</p> <p>REMARKS: <i>Wobline 0115</i></p>																															
PRESS SN	53586		DATA ON																												
PRI TEMP SN	2786		START DOWN																												
SEC TEMP SN	696		AT DEPTH																												
PRI COND SN	2489		AT SURFACE																												
SEC COND SN	2490		PAR S/N		4603		FLUOR S/N		93450-202		CHIAM S/N		n/a		TRANS. S/N		n/a		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.				
POS.	TRIP DEPTH	PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY	
1		407																													
2		607		415																											
3		150																													
4		125																													
5		100																													
6		75																													
7		50																													
8		20																													
9		20																													
10		20																													
11		10																													
12		0		MS - broken bottle																											

Flow down

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION ATC6			
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN		WIND SPD.	
0775840.62N		14917.07W		21 MAY 01		0009		055		30873	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS		STATION NAME/ID	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header		Cleaned air bleed valve		STA. NAME/ID	
PRI TEMP SN 2786		START DOWN						MAX. DEPTH = 122 m		ATC6	
SEC TEMP SN 696		AT DEPTH									
PRI COND SN 2489		AT SURFACE									
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 23450-209		CHIAM S/N D/G		TRANS. S/N D/G		SAMPLE BOTTLE NUMBER	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SAL.		NUTR. CHL. WHIT'S NUTR.	
1 607		PRESSURE		PRI. TEMP.		SEC. TEMP.		22			
2 607											
3 100								23			
4 75								24			
5 60								25			
6 50								26			
7 40								27			
8 30											
9 20								28			
10 10								29			
12 0								30			

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATD5																
CONSC CAST #		LONGITUDE		DATE JD= 141		TIME (GMT)		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	(°C)	DRY BULB	REL HUM	SEA STATE	VISIBILITY	(deg)	(m/s)	(amt)		(m)				
078	58	38	26	N	14	9	38	14	28	6.6	6.6	6	0	0	0	5	6	0	4	5		
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS										
PRESS SN	53586		DATA ON																			
PRI TEMP SN	2786		START DOWN																			
SEC TEMP SN	696		AT DEPTH																			
PRI COND SN	2489		AT SURFACE																			
SEC COND SN	2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/G		TRANS. S/N		D/G		SAMPLE BOTTLE NUMBER			
POS.	TRIP DEPTH		CTD CONVERTED MONITOR VALUES																			
1	b		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		NO trip		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
2	b																					
3	100																					
4	75																					
5	60																					
6	50																					
7	40																					
8	30																					
9	30																					
10	20																					
11	10																					
12	0																					

Cleaned air bleed valve

MAX. DEPTH = 119 m

NO trip

NO trip

NO trip

NO trip

NO trip

NO trip

NO trip

NO trip

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION ATD3			
CONSC CAST #		LONGITUDE		DATE JD= 141		TIME (GMT)		REL HUM		WIND DIRN.		WIND SPD.	
805854.65N		14932.72W		21 MAY 01		1816		6.8		090		15	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(%)		(deg)		(m/s)	
14932.72		14932.72		21 MAY 01		1816		6.8		090		15	
LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM (%)		WIND DIRN. (deg)		WIND SPD. (m/s)	
805854.65		14932.72		21 MAY 01		1816		6.8		090		15	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(%)		(deg)		(m/s)	
14932.72		14932.72		21 MAY 01		1816		6.8		090		15	
PRESS SN		DATA ON		Tape/Diskette ID		File Name/Header		SEA STATE		PRESSURE		CLOUD (amt)	
53586		START DOWN											
2786		AT DEPTH											
696		AT SURFACE											
2489													
2490													
TRIP DEPTH		PAR S/N		FLUOR S/N		CHIAM S/N		SAMPLE BOTTLE DATA		SAL.		NUTR.	
287		4603		93450-202		d/g				15		15	
200										16		16	
175										17		17	
150										18		18	
125										19		19	
100										20		20	
75										21		21	
50		NO trip								NO		X	
30													
30													
20													
10													
10													

REMARKS
 Cleaned air bleed valve

DATA LOCATION
File Name/Header

TIME
DATE JD= 141

TRIP DEPTH
287

22 ✓

Flow 10

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03. leg 2				DSDB I.D.		STATION DESIGNATION ATD2			
CONSC CAST #		LONGITUDE		DATE JD= 141		TIME (GMT)		WIND DIRN.		WIND SPD.	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)	
149 02.52 N		149 29.55 W		21 MAY 01		19 59		105		15	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS		STATION DESIGNATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header		Cleaned air bleed valve		ATD2	
PRI TEMP SN 2786		START DOWN						MAX. DEPTH = 213 m		ATD2	
SEC TEMP SN 696		AT DEPTH								ATD2	
PRI COND SN 2489		AT SURFACE								ATD2	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N D/A		TRANS. S/N D/A		ATD2	
POS. TRIP DEPTH		CITD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.	
1 212		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		CHL.	
2 200		PRI. TEMP.		SEC. TEMP.		SALINITY		43		23	
3 175		SEC. TEMP.		SALINITY		SALINITY		24		24	
4 150		SALINITY		SALINITY		SALINITY		25		25	
5 125		SALINITY		SALINITY		SALINITY		26		26	
6 100		SALINITY		SALINITY		SALINITY		27		27	
7 75		SALINITY		SALINITY		SALINITY		28		28	
8 50		SALINITY		SALINITY		SALINITY		29		29	
9 30		SALINITY		SALINITY		SALINITY		30		30	
10 20		SALINITY		SALINITY		SALINITY					
11 10		SALINITY		SALINITY		SALINITY					
12 0		SALINITY		SALINITY		SALINITY					

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2			DSD8 I.D.		STATION DESIGNATION ATD1																
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		WIND DIRN.		WIND SPD.		CLOUD (cm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
081259		14926.4		5W21MAY01		2138		6.5		5.6		095		19		872		137		ATD1			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header													
PRESS SN		53586		DATA ON																			
PRI TEMP SN		2786		START DOWN																			
SEC TEMP SN		696		AT DEPTH																			
PRI COND SN		2489		AT SURFACE																			
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-202		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER			
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES																			
1 125		68		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.			
2 125		68																					
3 150																							
4 100																							
5 75																							
6 50																							
7 40																							
8 30																							
9 20																							
10 10																							
11 0																							
12 0																							

Cleaned air bleed valve

MAX. DEPTH = 124 m

748

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION ATE1															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (gm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
08359		07.38 N		15093.8		W 27 MAY 01		0017		6.4		5.8		0557		090		17		872		6/50		ATE1	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN		53586		DATA ON																					
PRI TEMP SN		2786		START DOWN																					
SEC TEMP SN		696		AT DEPTH		6024																			
PRI COND SN		2489		AT SURFACE																					
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-202		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER					
POS. TRIP DEPTH				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.					
1 140		Bot																							
2 190		Bot																							
3 125																									
4 100																									
5 101																									
6 75		75																							
7 49		50																							
8 40		40																							
9 30		30																							
10 20		20																							
11 10		10																							
12 20		0																							

20

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION ATEZ			
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		WIND DIRN.		WIND SPD.	
0845901.96N		15005.29W		22 MAY 01		0146		110		18	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		SEA STATE		WEATHER	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header		PRESSURE		CLOUD (amt)	
PRI TEMP SN 2786		START DOWN						REL HUM		TYPE	
SEC TEMP SN 696		AT DEPTH						DRY BULB		* * *	
PRI COND SN 2489		AT SURFACE						REL HUM (%)		* * *	
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHIAM S/N		REL HUM (%)		* * *	
POS. TRIP DEPTH		CITD CONVERTED MONITOR VALUES		CITD CONVERTED MONITOR VALUES		CITD CONVERTED MONITOR VALUES		REL HUM (%)		* * *	
1		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY	
2		130								47	
3		130								48	
4		175								49	
5		150								50	
6		125								51	
7		95								52	
8		50								53	
9		40									
10		30									
11		20									
12		10									
REMARKS		Cleaned air bleed valve		MAX. DEPTH = 195 m		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER	

14 Temp 0

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSD8 I.D.				STATION DESIGNATION ATE3																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB (°C)		REL HUM (%)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0455856.55N		15006.88W		22 MAY 01		0348		5.506		6.9		5.506		56		110		25		87		2		210		ATE3							
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN		53586		DATA ON																													
PRI TEMP SN		2786		START DOWN																													
SEC TEMP SN		696		AT DEPTH																													
PRI COND SN		2489		AT SURFACE																													
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/G		TRANS. S/N		D/G															
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.											
1		600																															
2		175																															
3		150																															
4		125																															
5		100																															
6		75																															
7		50																															
8		40																															
9		30																															
10		20																															
11		10																															
12		10																															

no water -

0 flow thru

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION ATE4																			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM (%)		PRESSURE (mb)		SEA STATE		VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (gm) TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
060		57 51.12 N		150 08.27 W		22 MAY 01		0543		7.2		6.57		120		14		832		172		ATE4							
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																	
PRESS SN		53586		DATA ON																									
PRI TEMP SN		2786		START DOWN																									
SEC TEMP SN		696		AT DEPTH		0543																							
PRI COND SN		2489		AT SURFACE																									
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/A		TRANS. S/N		D/A		SAMPLE BOTTLE NUMBER									
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.									
1		460																											
2		160																											
3		150																											
4		125																											
5		100																											
6		75																											
7		50																											
8		40																											
9		30																											
10		30																											
11		20																											
12		10																											

Flower thru

78

No Sample

*4678
deeper by one
just below*

Cleaned air bleed valve

MAX. DEPTH = 160 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION ATX2									
CONSC CAST #		LONGITUDE		DATE JD= 142		TIME (GMD)		WIND DIRN.		WIND SPD.		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)		TYPE		(m)			
875854.54 N		14932.85 W		22 MAY 01		0832		6.3		5.3		6.2		252			
CTD SBE 9Plus 93450-209				JD/TIME				DATA LOCATION				REMARKS					
PRESS SN 53586				DATA ON				Tape/Diskette ID				File Name/Header					
PRI TEMP SN 2786				START DOWN													
SEC TEMP SN 696				AT DEPTH								Cleaned air bleed valve					
PRI COND SN 2489				AT SURFACE								MAX. DEPTH = 231 m					
SEC COND SN 2490				PAR S/N 4603				FLUOR S/N 93450-209				TRANS. S/N D/A					
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER					
1 230				PRESSURE				SALINITY				SAL. NUTR. CHL. NUTR.					
2 200				PRI. TEMP.				SEC. TEMP.				44 79					
3 175				SEC. TEMP.				SALINITY				80					
4 150				PRI. TEMP.				SALINITY				81					
5 125				SEC. TEMP.				SALINITY				82					
6 100				PRI. TEMP.				SALINITY				83					
7 75				SEC. TEMP.				SALINITY				84					
8 50				PRI. TEMP.				SALINITY				85					
9 30				SEC. TEMP.				SALINITY				86					
10 30				PRI. TEMP.				SALINITY				87					
11 20				SEC. TEMP.				SALINITY				88					
12 10				PRI. TEMP.				SALINITY				89					

Flow - 0

89 v

No bio

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION A T x 3																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
885256.12N		14911.86W		22MAY01		1014		6.1		4.8		074		7		2		107		075		107		2		219							
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS																					
PRESS SN		53586		DATA ON																													
PRI TEMP SN		2786		START DOWN																													
SEC TEMP SN		696		AT DEPTH																													
PRI COND SN		2489		AT SURFACE																													
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/g		TRANS. S/N		D/g		SAMPLE BOTTLE NUMBER													
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES																													
1		205		PRESSURE				PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.											
2		175																															
3		150																															
4		125																															
5		100																															
6		75																															
7		50																															
8		30																															
9		30																															
10		20																															
11		10																															
12		0																															

Cleaned air bleed valve

MAX. DEPTH = 205 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION ATX4			
CONSC CAST #		LONGITUDE		DATE		TIME (GMT)		WIND DIRN.		WIND SPD.	
895853.96		N 14239.86 W 22		MAY 01 1985		18 25		060		08	
LATITUDE		LONGITUDE		DATE		TIME		WIND DIRN.		WIND SPD.	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)	
89 58 53 . 96		N 142 39 . 86 W 22		MAY 01 1985		18 25		060		08	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header	
PRESS SN		DATA ON									
53586											
PRI TEMP SN		START DOWN									
2786											
SEC TEMP SN		AT DEPTH									
696											
PRI COND SN		AT SURFACE									
2489											
SEC COND SN		PAR S/N		FLUOR S/N		CHIAM S/N		TRANS. S/N		SAMPLE BOTTLE NUMBER	
2490		4603		93450-209							
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
1 260										1	
2 200										2	
3 175										3	
4 150										4	
5 125										5	
6 100										6	
7 75										7	
8 50										8	
9 40										9	
10 30										10	
11 20										11	
12 10										12	
REMARKS		Cleaned air bleed valve		MAX. DEPTH = 257 m							

Handy 0 - Bottle I may have to try to open & trapped as the CTD left the water. 13

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION A-7 X5	
CONSC CAST #		DATE JD= 142		TIME (GMT)		WIND DIRN. (m/s)	
LATITUDE		LONGITUDE		DRY BULB (°C)		WIND SPD. (m/s)	
DEG MIN		DEG MIN		REL HUM (%)		WIND DIRN. (deg)	
9 05 850 . 23 N		14 8 14 . 90 W		5 . 20 6		47 05 0	
CTD SBE 9Plus 93450-209		TIME JD/TIME		PRESSURE (mb)		WEATHER	
PRESS SN 53586		DATE MO YR 22 MAY 01		14 22		8 2	
PRI TEMP SN 2786		DATA ON		SEA STATE		CLOUD (gm)	
SEC TEMP SN 696		START DOWN		VISIBILITY		7 2	
PRI COND SN 2489		AT DEPTH		FILE NAME/HEADER		REMARKS	
SEC COND SN 2490		AT SURFACE		Tape/Diskette ID		Cleaned air bleed valve	
TRIP DEPTH		PAR S/N 4603		FLUOR S/N 93450-209		MAX. DEPTH = 263 m	
1 263		CID CONVERTED MONITOR VALUES		CHIAM S/N n/a		TRANS. S/N n/a	
2 200		PRESSURE		SALINITY		SAMPLE BOTTLE DATA	
3 175		PRI. TEMP.		SEC. TEMP.		SAL. NUTR. CHL. WHIT'S NUTR.	
4 150		SEC. TEMP.		SALINITY		45 14	
5 125		PRI. TEMP.		SEC. TEMP.		15	
6 100		SEC. TEMP.		SALINITY		16	
7 75		PRI. TEMP.		SEC. TEMP.		17	
8 50		SEC. TEMP.		SALINITY		18	
9 40		PRI. TEMP.		SEC. TEMP.		19	
10 30		SEC. TEMP.		SALINITY		20	
11 20		PRI. TEMP.		SEC. TEMP.		21	
12 10		SEC. TEMP.		SALINITY		22	
0		PRI. TEMP.		SEC. TEMP.		23	
		SEC. TEMP.		SALINITY		24	
		PRI. TEMP.		SEC. TEMP.		25	
		SEC. TEMP.		SALINITY		26	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2			DSDB I.D.		STATION DESIGNATION GAK9																								
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gft)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		%		(mb)		* * *		* * *		(deg)		(m/s)		* * *		(m)					
915840.73N		14820.98W		20MAY01		1605		7.7		5.8		0547		030		10		3		1		279		5AK9							
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header																					
PRESS SN		53586		DATA ON																											
PRI TEMP SN		2786		START DOWN																											
SEC TEMP SN		696		AT DEPTH																											
PRI COND SN		2489		AT SURFACE																											
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		DLG		TRANS. S/N		DLG		SAMPLE BOTTLE NUMBER											
POS. TRIP DEPTH				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.											
1 b																															
2 200																															
3 175																															
4 150																															
5 125																															
6 100																															
7 75																															
8 50																															
9 40																															
10 30																															
11 20																															
12 10																															

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION GAK8							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
925847.47 N		47.41 W		14829.41 W		22 MAY 01		1819		035		10		293		GAK8	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)		(m)			
CLOUD (amt)		SEA STATE		PRESSURE		REL HUM		DRY BULB		WIND TYPE		WEATHER					
7		4		5.005		6.8		5.005		7		1					
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS					
PRESS SN 53586		DATA ON															
PRI TEMP SN 2786		START DOWN															
SEC TEMP SN 696		AT DEPTH															
PRI COND SN 2489		AT SURFACE															
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N		D/a		TRANS. S/N		D/a		MAX. DEPTH = 278 m			
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.	
1 b														39			
2 250														40			
3 200														41			
4 175														42			
5 150				No trip										43			
6 100														44			
7 75														45			
8 50														46		✓	
9 40														47		✓	
10 30														48		✓	
11 20														49		✓	
12 10														50		✓	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION GAK 7L																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
935852.93N		14833.67W		22.67		22 MAY 01		12000		8.3		6.2		47025		0.8		681		.		304		GAK 7L	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS		MLD ~90m											
PRESS SN		53586		DATA ON		START DOWN		AT DEPTH		AT SURFACE		Cleaned air bleed valve		MAX. DEPTH = 289 m											
PRI TEMP SN		2786																							
SEC TEMP SN		696																							
PRI COND SN		2489																							
SEC COND SN		2490		PAR S/N		4603		FLUOR S/N		93450-202		CHIAMS/N		D/G		TRANS. S/N		D/G		SAMPLE BOTTLE NUMBER					
POS. TRIP DEPTH				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.					
1 296		1000		1000		1000		1000		1000		1000		1000		1000		1000		1000		51			
2 250		250		250		250		250		250		250		250		250		250		250		52			
3 200		200		200		200		200		200		200		200		200		200		200		53			
4 150		150		150		150		150		150		150		150		150		150		150		54			
5 125		125		125		125		125		125		125		125		125		125		125		55			
6 100		100		100		100		100		100		100		100		100		100		100		56			
7 75		75		75		75		75		75		75		75		75		75		75		57			
8 50		50		50		50		50		50		50		50		50		50		50					
9 30		30		30		30		30		30		30		30		30		30		30					
10 30		30		30		30		30		30		30		30		30		30		30					
11 15		15		15		15		15		15		15		15		15		15		15					
12 15		15		15		15		15		15		15		15		15		15		15					

buoy 13129

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION GAK 7i	
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
945852.98N		14833.77W		22 MAY 01		20 35	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN		DATA ON		Tape/Diskette ID		File Name/Header	
2786		START DOWN					
SEC TEMP SN		AT DEPTH					
696		AT SURFACE					
PRI COND SN		AT SURFACE					
2489							
SEC COND SN		PAR S/N		FLUOR S/N		CHIAM S/N	
2490		4603		93450-209		d/a	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 30		PRESSURE		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
2 30		PRI. TEMP.		SEC. TEMP.			
3 30						58	
4 30						✓	
5 15						✓	
6 15						✓	
7 15						59 ✓	
8 15						✓	
9 0						✓	
10 0						✓	
11 0						60	
12 0							
						Cleaned air bleed valve	
						MAX. DEPTH = m	
						TRANS. S/N d/a	
						REMARKS	
						MLD ~ 65m	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.			STATION DESIGNATION GAK 7											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	REL HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (mf)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO													YR	HR
095	58	32 N	148	37.77 W	22	MAY	01	21	27	6.8	074	8	020	07	63	1	246	GAK 7		
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS												
PRESS SN	53586		DATA ON		Tape/Diskette ID		File Name/Header													
PRI TEMP SN	2786		START DOWN																	
SEC TEMP SN	696		AT DEPTH																	
PRI COND SN	2489		AT SURFACE																	
SEC COND SN	2490		PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		D/a		TRANS. S/N		D/a			
POS.	TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL.		NUTR. /CHL.		WHIT'S NUTR.	
1	236														61		/			
2	220														62		/			
3	200														63		/			
4	175														64		/			
5	150														65		/			
6	125														66		/			
7	100														67		/			
8	75														68		/			
9	60														69		/			
10	50														70		/			
11	20														71		/			
12	10														72		/			

727

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSD8 I.D.				STATION DESIGNATION GAK 6c															
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM (%)		PRESSURE (mb)		SEA STATE		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0965903.70N		14841.92W		22 MAY 01		231540.1		7.4		0748		48		000		05		681		184		GAK 6c			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS													
PRESS SN 53586		DATA ON																							
PRI TEMP SN 2786		START DOWN																							
SEC TEMP SN 696		AT DEPTH																							
PRI COND SN 2489		AT SURFACE																							
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		ChAM S/N d/a		TRANS. S/N d/a		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.							
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.							
1 169		169																							
2 169		169																							
3 150		DIP NOT CLOSE		CAUGHT ON		FRAME																			
4 125																									
5 100																									
6 75																									
7 50																									
8 30																									
9 20																									
10 15																									
11 15																									
12 15																									

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION GAK 4	
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN	
09 75 907.01 N		148 46.18 W		23 MAY 01		00 24 10.1	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION	
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header	
PRI TEMP SN 2786		START DOWN					
SEC TEMP SN 696		AT DEPTH					
PRI COND SN 2489		AT SURFACE					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-209		CHAM S/N D/A	
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	
1 145		PRESSURE		SALINITY		SAL. NUTR. CHL. WHIT'S NUTR.	
2 145		bM				84	
3 125		bot				85	
4 100						86	
5 75						87	
6 50						88	
7 40				Larker		89	
8 30						90	
9 30						91	
10 20						92	
11 10						93	
12 0						94	
						95	

REMARKS
MLC 205

Cleaned air bleed valve
MAX. DEPTH = 145 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION GAKS											
CONSC CAST #		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM (%)		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
098		14854.47N		23 MAY 01		0224		9.5		38355		05		6		82		171		GAKS	
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		REMARKS													
PRESS SN 53586		DATA ON		Tape/Diskette ID		File Name/Header															
PRI TEMP SN 2786		START DOWN																			
SEC TEMP SN 696		AT DEPTH																			
PRI COND SN 2489		AT SURFACE																			
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHLOR S/N		D/L		TRANS. S/N		D/L		SAMPLE BOTTLE NUMBER							
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.			
1 160		hot																			
2 160		hot																			
3 150																					
4 125																					
5 100																					
6 75																					
7 50																					
8 40																					
9 30																					
10 20																					
11 10																					
12 0																					

Cleaned air bleed valve

MISFIRE

MISFIRE