

VESSEL		PROJECT & LEG		DSDBI.D.		STATION DESIGNATION																
NOAA Ship RON BROWN		18-01-03, leg 2				FF4																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB (°C)	REL-HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO														YR	HR	MIN
050	59	31.49	N	148	29.63	W	18	M	A	Y	01	22	27	10.1	6.8	1338	265	10	30	31	98	FA04
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		223																		
PRI COND SN 2489		AT SURFACE						<input type="checkbox"/> Cleaned air bleed valve MAX. DEPTH = 85 m														
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHLAM S/N		TRANS. S/N														
POS. TRIP DEPTH		CITD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.												
1	81	Bot						28														
2	81	Bot						69														
3	81	Bot						70														
4	75							71														
5	75							72														
6	60							73														
7	50							74														
8	40	Missed						75														
9	30							76														
10	20							77														
11	10							78														
12	0							79														

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 TEMP (°C)		REL-HUM (%)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (gnt)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID					
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	%	(mb)																				
05	15	93	1.42	N	148	30.23	W	18	MAY	01	23	02	10.2	6.8	13	38	2	55	0	9	3	0	3	1	97	FF04							
CTD SBE 9Plus 93450-209										JDTIME		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 93450-209										TRANS. S/N D/G											
MAX. DEPTH = 85 m																																	
SAMPLE BOTTLE DATA										SAMPLE BOTTLE DATA										SAMPLE BOTTLE NUMBER													
POS. TRIP DEPTH										CTD CONVERTED MONITOR VALUES																							
PRESSURE										PRI. TEMP.										SEC. TEMP.										SALINITY			
1 Bot										MISSED																							
2 85 Bot																																	
3 85 Bot																																	
4 75																																	
5 77																																	
6 50																																	
7 50																																	
8 40																																	
9 30																																	
10 20																																	
11 10																																	
12 0																																	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION FFS										
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)	WEATHER	BOTTOM DEPTH (m)	SIA NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO												
0525	19	45.93	N	148	24.09	W	19	00	12	10.4	8.0	1338	26	0	0531	11	143	FF05
CTD SBE 9Plus 93450-209																		
TIMES																		
DATA ON																		
START DOWN																		
AT DEPTH																		
AT SURFACE																		
PAR S/N 4603																		
FLUOR S/N 93450-209																		
CHAM S/N D/A																		
Tape/Diskette ID																		
File Name/Header																		
Cleared air bleed valve																		
MAX. DEPTH = m																		
TRANS. S/N D/A																		
SAMPLE BOTTLE NUMBER																		
CTD CONVERTED MONITOR VALUES																		
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAL.	NUTR.	CHL.	WHIT'S NUTR							
1		bot							79									
2		bot							80									
3		bot							81									
4	100								82									
5	76								83									
6	50								84									
7	40								85									
8	30								86									
9	30	misture																
10	20								87									
11	10								88									
12	0								89									

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION FF 6																					
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											
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN										
05359	17	57	N	148	15	76	W	19	MAY	01	01	59	9	3	6	7	13	38	2	50	1	3	4	3	1	1	12	4	FF06
CTD SBE 9Plus 93450-209																													
TIMES																													
DATA ON																													
START DOWN																													
AT DEPTH 02:04																													
AT SURFACE																													
PAR S/N 4603																													
FLUOR S/N 93450-209																													
CHIAM S/N D/A																													
TRANS. S/N D/A																													
MAX. DEPTH = 112 m																													
Cleansed air bleed valve																													
REMARKS																													
DATA LOCATION																													
Tape/Diskette ID																													
File Name/Header																													
SAMPLE BOTTLE DATA																													
SALINITY																													
SAL.																													
NUTR.																													
CHL.																													
WHIT'S NUTR.																													
SALINITY																													
SALINITY																													
SEC. TEMP.																													
PRI. TEMP.																													
PRESSURE																													
PRESSURE																													
TRIP DEPTH																													
1																													
2																													
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03. leg 2				DSDB I.D.		STATION DESIGNATION FF7												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB TEMP (°C)	REL. HUM. (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO													YR	HR
05459	09	26	N	148	07	42	W	19	MAY	01	04	20	8.5	6.0	1338	260	15	33	141	FF7
CTD SBE 9Plus 93450-209																				
TIMES																				
DATA ON																				
START DOWN																				
AT DEPTH																				
AT SURFACE																				
PAR S/N 4603																				
FLUOR S/N 93450-209																				
CHIAM S/N D/A																				
IRANS. S/N D/A																				
SAMPLE BOTTLE DATA																				
SAL. NUTR. CHL. WHIT'S NUTR.																				
SALINITY																				
SEC. TEMP.																				
PRI. TEMP.																				
PRESSURE																				
CTD CONVERTED MONITOR VALUES																				
POS.	TRIP	DEPTH																		
1	bot																			
2	bot																			
3	bot																			
4	100																			
5	75																			
6	50																			
7	48																			
8	30																			
9	30																			
10	20																			
11	10																			
12	0																			

Cleaned air bleed valve

MAX. DEPTH = 128 m

[illegible]

VESSEL		PROJECT & LEG				DSDBL.D.				STATION DESIGNATION												
NOAA Ship RON BROWN		RB-01-03, leg 2								FF9												
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 139		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	DAY	MO	YR	HR												MIN	(°C)	(%)
05658	52.59	N	147.51	W	19	MAY	01	08	04	7.5	5.8	1438	250	18	13	11	167	FF09				
CTD SBE 9plus 93450-209																						
PRESS SN	53586																					
PRI TEMP SN	2786																					
SEC TEMP SN	696																					
PRI COND SN	2489																					
SEC COND SN	2490																					
POS.	TRIP DEPTH	CID CONVERTED MONITOR VALUES																				
1	609 ✓	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
2	1000 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
3	750 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
4	500 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
5	250 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
6	175 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
7	100 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
8	50 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
9	30 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
10	20 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
11	10 ✓						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	
12	0						SAMPLE BOTTLE DATA												TRANS. S/N		D/A	

13.76
12.87

pg. of

[illegible]

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATA1																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 139		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	HR	MIN	°C	%	(mb)																						
58	59	00	49	N	14	8	09	95	W	19	M	A	Y	01	14	27	8.0	5.9	16	48	25	0	1	2	4	2	1	153	ATA1	ATA1			
CTD SBE 9Plus 93450-209		TIMES		JD/TIME		DATA LOCATION		Tape/Diskette ID		File Name/Header		REMARKS (149)																					
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 6/a		TRANS. S/N 6/a		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.															
CTD CONVERTED MONITOR VALUES		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.															
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		PROJECT & LEG				DSDB I.D.				STATION DESIGNATION															
NOAA Ship RON BROWN		RB-01-03, leg 2								ATA2															
CONSC CAST #	LATITUDE		LONGITUDE		DATE		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						
	DEG	MIN	DEG	MIN	DAY	MO														YR	HR	MIN			
595855	37	N	148	12.48	19	MAY	01	0600	8.4	7.2	1048	240	10	10	17	1		275	ATA2						
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																									
POS.	TRIP DEPTH	PAR S/N 4603		FLUOR S/N 93450-202		CHAM S/N D/A		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		WHIT'S													
1	260							PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		NUTR.	
2	225																	36		57		58		59	
3	200																			help		59		60	
4	175																					60		61	
5	150																					61		62	
6	100																					62		63	
7	75																					63		64	
8	50																					64		65	
9	30																					65		66	
10	20																					66		67	
11	10																					67		68	
12	0																					68		69	

280 185 210 325 136 257 PG 05 OF 257 05 282

VESSEL 302		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION 7TA3	
NOAA Ship RON BROWN							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 139	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR	
605850.39N		14815.02W		19MAY01		1751	
TIME (GMT)		DRY BULB (°C)		REL-HUM (%)		PRESSURE (mb)	
8.9		7.5		17.4		8.240	
WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (gm)		WEATHER	
09		1311		278			
WIND TYPE		WIND NAME/HEADER		DATA LOCATION		REMARKS	
Small boat occupying actual position this is close.							
Tape/Diskette ID		File Name/Header		DATA LOCATION			
Cleared air bleed valve							
MAX. DEPTH = 263 m							
TRANS. S/N		D/a		S/N		D/a	
4603		4603		4603		4603	
FLUOR S/N		3450-202		S/N		D/a	
4603		4603		4603		4603	
CTD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY	
PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY	
1 250		250		250		250	
2 225		225		225		225	
3 200		200		200		200	
4 175		175		175		175	
5 150		150		150		150	
6 100		100		100		100	
7 75		75		75		75	
8 50		50		50		50	
9 30		30		30		30	
10 20		20		20		20	
11 10		10		10		10	
12 0		0		0		0	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATA4																											
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=139		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	
615845.17N		14817.44W		19 MAY 01		194110.2		194110.2		8.2		1948235		13		31		270		AT44													
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		C/TD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER																											
1 250		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SAL		NUTR.		CHL.		NUTR.																	
2 225																																	
3 200																																	
4 175																																	
5 150																																	
6 100																																	
7 75																																	
8 50		misty																															
9 30																																	
10 20																																	
11 10																																	
12 0																																	

Cleaned air bleed valve

MAX. DEPTH = 258 m

VESSEL NOAA Ship RON BROWN				PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION ATAS																							
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)		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID							
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	%	(mb)																						
062	5838	148	19	89	W	19	MAY	01	21	16	9.8	7.8	800	4	8	23	0	14	13	1	280	ATAS													
CTD SBE 9Plus 93450-209																DATA LOCATION												REMARKS							
PRESS SN 53586																Tape/Diskette ID												275							
PRI TEMP SN 2786																File Name/Header																			
SEC TEMP SN 696																																			
PRI COND SN 2489																												Cleaned air bleed valve							
SEC COND SN 2490																												MAX. DEPTH = m							
PAR S/N 4603																Chiam S/N D/A												TRANS. S/N D/A							
FLUOR S/N 93450-209																SAMPLE BOTTLE DATA												SAMPLE BOTTLE NUMBER							
CTD CONVERTED MONITOR VALUES																SALINITY												SAL.		NUTR.		CHL.		WHIT'S NUTR.	
PRESSURE																SEC. TEMP												SALINITY		84					
PRI. TEMP.																														83					
1 266 Bot																														85					
2 242																														86					
3 225																														87					
4 200																														88					
5 175																														89					
6 150																																			
7 100																																			
8 75																																			
9 50																																			
10 30																																			
11 20																																			
12 10																																			

Flow 1/2/3/4/5/6/7/8/9/10/11/12

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																		
NOAA Ship RON BROWN		RB-01-03, leg 2				A7A-C																		
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB REL-HUM	PRESSURE (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (gmt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										MIN	(°C)	(%)	(m/s)	(m)		
063	58	34.80	N	148	22.39	W	19	MAY	01	08	24	3	10	2	8	3	2	1	3	1	5	2	3	A7A6
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 2258																						
PRI COND SN 2489		AT SURFACE 23:14																	Cleaned air bleed valve					
SEC COND SN 2490		PAR S/N 4603		FLUOR S/N 93450-202		CHAM S/N		D/G		TRANS. S/N										D/G				
POS. TRIP DEPTH		SAMPLE BOTTLE DATA																	SAMPLE BOTTLE NUMBER					
1		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.						
2 448		458																						
3 400		406																						
4 348		356																						
5 299		300																						
6 197		200																						
7 150		150																						
8 99		100																						
9 50		50																						
10 30		30																						
11 20		20																						
12 10		10																						

Flow Time

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)	REL-HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (cm)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO													YR
0645829.47	N	148	24	.45	W	20	M	A	Y	01									ATA-7
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		0048													
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	
TRIP DEPTH				CTD CONVERTED MONITOR VALUES															
POS.		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA												
1	791	601					SAMPLE BOTTLE NUMBER												
2	506	506	Misfire				5												
3	406	406					6												
4	299	300					7												
5	199	200					8												
6	156	150					9												
7	125	125	Misfire				10												
8	100	100					11												
9	50	50					12												
10	298	300	Misfire				13												
11	205	20					14												
12	10	10					15												

Flow 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 (°C)	REL-HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA NAME/II					
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN															
0655838	05	N	148	48.64	W	20	MAY	01	03	36	10.3	8	12138	170	10	4	81	124	ATB7					
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		0353																			
SEC COND SN	2490		PAR S/N		4603		FLUOR S/N		93450-209		CHAM S/N		D/A		TRANS. S/N		D/A		MAX. DEPTH = 115 m					
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES																						
		PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SAMPLE BOTTLE DATA														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)		REL-HUM (%)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt)		TYPE WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
066	5843	36N	14845	60W	20	MAY	01	05	03	9.1	6.8	21	3	81	40	05	4	8	1	24	0	AT	B	6					
CTD SBE 9Plus 93450-209																REMARKS 235													
PRESS SN 53586																DATA LOCATION													
PRI TEMP SN 2786																Tape/Diskette ID File Name/Header													
SEC TEMP SN 696																													
PRI COND SN 2489																													
SEC COND SN 2490																Cleaned air bleed valve													
MAX. DEPTH = 226 m																													
CTD CONVERTED MONITOR VALUES																													
TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		TRANS. S/N		D/a		SAMPLE BOTTLE NUMBER		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 Turn
Sample

3A

VESSEL				PROJECT & LEG				DSDB I.D.				STATION DESIGNATION															
NOAA Ship RON BROWN				R8-01-03, leg 2								ATRS-															
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)		.		.		(m)			
0675848		.46 N		14842.9 W		20 MAY 01		0653		8.2		6.4		138		120		105		31		267		ATRS			
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				0709								Cleaned air bleed valve											
SEC COND SN 2490				PAR S/N 4603				FLUOR S/N 93450-209				CHIAM S/N				TRANS. S/N											
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER				WHIT'S NUTR.											
				PRESSURE				PRI. TEMP.				SEC. TEMP				SALINITY											
1 251				1307												38											
2 225				225												39											
3 200				200												40											
4 175				175												41											
5 150				150												42											
6 130				125												43											
7 100				100												44											
8 50				50												45											
9 30				30				MISFIRE																			
10 30				30				MISFIRE																			
11 20				20												46											
12 9				10												47											

Flow from 40m depth

drifter 13132 0936 5854.52 148 38.94 PG OF

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATB4																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 140		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	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	•	•	(deg)	(m/s)	•	(m)					
06858	53	94	148	39	20	MAY	01	08	39	7.1	5.52	138	120	1	45	31	272	ATB4					
CTD SBE 9Plus 93450-209																							
PRESS SN		53586		DATA ON				Tape/Diskette ID		File Name/Header		REMARKS											
PRI TEMP SN		2786		START DOWN								Cleaned air bleed valve											
SEC TEMP SN		696		AT DEPTH								MAX. DEPTH = 257 m											
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		CTD CONVERTED MONITOR VALUES																			
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1	3															38		49					
2	225																	50					
3	200																	51					
4	175																	52					
5	150																	53					
6	125																	54					
7	100																	55					
8	50																	56		✓			
9	30																	57		✓			
10	30																	58		✓			
11	20																	59		✓			
12	10																	60		✓			

Flow 01 0.

VESSEL		PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION													
NOAA Ship RON BROWN		RB-01-03, leg 2								A733													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		(deg)		(m/s)		.		.		(m)			
695859.25N		14836.91W		20 MAY 01		1020		7.5		5.8		2038		085		16		7.2		244		A733	
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																					
POS.		TRIP DEPTH		PAR S/N		4603		FLUOR S/N		23450-202		CHIAM S/N		D/L		TRANS. S/N		D/L		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.	
1		B																					
2		200																					
3		175																					
4		150																					
5		125																					
6		100																					
7		75																					
8		50																					
9		30																					
10		30																					
11		20																					
12		10																					

28 ✓

0

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION															
NOAA Ship RON BROWN		RB-01-03, leg 2						A132															
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 140		TIME (GMT)	DRY BULB (°C)	REL-HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO													YR	HR	MIN		
705904	47	N	14833	39	6	W	20	11	54	7.5	5.3	19.4	7090	18	762	225	A132						
CTD SBE 9Plus 93450-209																							
PRESS SN		53586																					
PRI TEMP SN		2786																					
SEC TEMP SN		696																					
PRI COND SN		2489																					
SEC COND SN		2490																					
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES																			
				PAR S/N		4603		FLUOR S/N		93450-209		CHIAM S/N		d/a		SAMPLE BOTTLE DATA		TRANS. S/N		d/a			
				PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY						SAL.		NUTR.		CHL.	
1		b=210																					
2		175																					
3		150																					
4		125																					
5		100																					
6		75																					
7		50																					
8		30																					
9		30																					
10		20																					
11		10																					
12		0																					

REMARKS

DATA LOCATION

JD/TIME

TIMES

Tape/Diskette ID File Name/Header

Cleansed air bleed valve

MAX. DEPTH = 210 m

TRANS. S/N d/a

SAMPLE BOTTLE NUMBER

WHIT'S
NUTR.

CHL.

NUTR.

SALINITY

SALINITY

SEC. TEMP.

PRI. TEMP.

PRESSURE

b=210

175

150

125

100

75

50

30

30

20

10

0

b=210

175

150

125

100

75

50

30

30

20

10

0

b=210

175

150

125

100

75

50

30

30

20

10

0

b=210

175

150

125

100

75

50

30

30

20

10

0

b=210

175

150

125

100

75

50

30

30

20

10

0

b=210

175

150

125

100

75

50

30

30

20

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b=210

175

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125

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b=210

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b=210

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b=210

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b=210

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b=210

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125

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30

20

VESSEL						PROJECT & LEG							DSD8 I.D.				STATION DESIGNATION												
NOAA Ship RON BROWN						RB-01-03, leg 2											ATB 1												
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 140		TIME (GMT)		DRY BULB		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)	*	*	*	(m)								
71	5909	.74	N	148	31	.15	W	20	M	A	Y	01	13	23	6.8	5.1	18	47	09	5	22	7	22	15	6	ATB 1			
CTD SBE 9Plus 93450-209																													
TIMES																													
DATA ON																													
START DOWN																													
AT DEPTH																													
AT SURFACE																													
PAR S/N 4603																													
FLUOR S/N 93450-202																													
CHIAM S/N n/a																													
TRANS. S/N n/a																													
SAMPLE BOTTLE NUMBER																													
SAL. NUTR. CHL. WHIT'S NUTR.																													
39 77																													
78																													
79																													
80																													
81 ✓																													
82 ✓																													
83 ✓																													
✓																													
✓																													
84 ✓																													
✓																													
(0)																													

VESSEL				PROJECT & LEG				DSD8 I.D.				STATION DESIGNATION																			
NOAA Ship RON BROWN				RB-01-03, leg 2								ATC1																			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=140		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (gm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		%		(mb)		*		*		(deg)		(m/s)		*		* (m)					
725905.33 N		14908.88 W		20		MAY 01		111619		7.2		5.2		16.4		7080		1		5		5782		148		ATC1					
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 93450-209				CHIAM S/N D/A				TRANS. S/N D/A															
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER																			
1 B=134				PRESSURE				PRI. TEMP.				SEC. TEMP.				SALINITY															
2 125																															
3 100																															
4 75																															
5 50																															
6 40																															
7 30																															
8 20																															
9 10																															
10 10																															
11 0																															
12 0																															

[illegible]

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.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	DIRN.	SPD.	(m/s)	(m)	(m)	
745856.05N	14912.06W	14912.06W	20	MAY	01	1936	7.5	6.31247060	25	882	221	ATC3	
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		ChlAM S/N		D/a		TRANS. S/N D/a			
POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE DATA		SAL.		NUTR.		CHL.	
1	206	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY		SAL.		NUTR.		CHL.	
2	175									99			
3	150									100			
4	125									1			
5	100									2			
6	75									3			
7	50									4			
8	40									5			
9	30												
10	20												
11	10												
12	0											6	

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSD8 I.D.		STATION DESIGNATION ATC 4																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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)	(mb)	(deg)	(m/s)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	
0755	852.9	2	13	149	13	20	MAY	01	21	02	7.5	5.6	1047	055	25	7	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
CTD SBE 9Plus 93450-209		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRESS SN 53586		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRI TEMP SN 2786		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
SEC TEMP SN 696		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
PRI COND SN 2489		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
SEC COND SN 2490		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
TRIP DEPTH		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1	195	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
2	175	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
3	150	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
4	125	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
5	100	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
6	75	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
7	50	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
8	30	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
9	30	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
10	20	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
11	10	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
12	0	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		REL HUM		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	

REMARKS

DATA LOCATION

Tape/Diskette ID

File Name/Header

JD/TIME

TIMES

DATA ON

START DOWN

AT DEPTH

AT SURFACE

Cleaned air bleed valve

MAX. DEPTH = 195 m

TRANS. S/N n/a

SAMPLE BOTTLE NUMBER

SAMPLE BOTTLE DATA

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

FLUOR S/N 23450-202

PAR S/N 4603

CTD CONVERTED MONITOR VALUES

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

NUTR.

CHL.

WHIT'S

NUTR.

SALINITY

SEC. TEMP

PRI. TEMP.

PRESSURE

SAL.

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		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		°C		(mb)		.		.		.		(deg)		(m/s)		.		.		(m)			
0765846.81N		14915.10W		20 MAY 01		2273		16.8		5.4		0757060		35		882		6		6		192		ATCS									
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 93450-202		CHIAM S/N n/a		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		CITD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.													
1		4.7																															
2		6.7		4.15																													
3		15.0																															
4		12.5																															
5		10.0																															
6		7.5																															
7		5.0																															
8		3.0																															
9		3.0																															
10		2.0																															
11		1.0																															
12		0.0		2.0		1.0																											

Flow View

2.0 M/S - broken bottle

2.1

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATC6															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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)	.	.	(m)		
077	58	40	N	149	17	17	W	21	MA	Y	01	00	09	6.5	5	005	5	605	5	133	ATC6
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		23450-209		CHIAM S/N		D/L		TRANS. S/N		D/L			
POS.		TRIP DEPTH		CTD CONVERTED MONITOR VALUES																	
1	607			PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY									
2	607																				
3	100																				
4	75																				
5	60																				
6	50																				
7	40																				
8	30																				
9	20																				
10	10																				
11	0																				
12	0																				

☐ Cleaned air bleed valve

MAX. DEPTH = 122 m

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATD5-														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 14		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
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												
0785838	26	N	149	38	85	W	21	MAY	01	14	28	6.6	6.6	6.6	045	20	87	2	134	ATD5
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/L		SAMPLE BOTTLE DATA		TRANS. S/N		D/L		SAMPLE BOTTLE NUMBER		WHIT'S NUTR.	
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY														
1	b																			
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

VESSEL						PROJECT & LEG							DSDB I.D.				STATION DESIGNATION														
NOAA Ship RON BROWN						RB-01-03, leg 2											ATD4														
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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)	*	*	*	(m/s)	(deg)	(m/s)	* * *											
79	58	46	.54	N	149	35	.95	W	21	MAY	01	16	25	6	.8	6	.00	1	56	0	70	1	7	8	6	2	20	4			
CTD SBE 9Plus 93450-209																															
TIMES **JD/TIME DATA LOCATION REMARKS																															
DATA ON File Name/Header																															
START DOWN _____																															
AT DEPTH _____																															
AT SURFACE _____																															
PAR S/N 4603 FLUOR S/N 93450-202 CHL/AM S/N n/a TRANS. S/N n/a																															
SEC COND SN 2490 CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE DATA SAMPLE BOTTLE NUMBER																															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY																										
1	10																														
2	175																														
3	150																														
4	125																														
5	100																														
6	75																														
7	50																														
8	30																														
9	30																														
10	20																														
11	10																														
12	0																														

22

VESSEL NOAA Ship RON BROWN				PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION 47D2																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 141		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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	•	(deg)	(m/s)	•	•	•	•	•	•	•	•	(m)				
81	59	02	55	N	149	29	55	W	21	M	A	Y	01	19	59	6.7	51.8	03	57	105	15	8	72	5	238	47D2			
CTD SBE 9Plus 93450-209										DATA LOCATION										REMARKS									
PRESS SN 53586										Tape/Diskette ID										File Name/Header									
PRI TEMP SN 2786																													
SEC TEMP SN 696																													
PRI COND SN 2489																				Cleaned air bleed valve									
SEC COND SN 2490										MAX. DEPTH = 213 m																			
POS. TRIP DEPTH										CTD CONVERTED MONITOR VALUES										SAMPLE BOTTLE DATA									
										PAR S/N 4603										CHAM S/N D/A									
										FLUOR S/N 93450-209										TRANS. S/N D/A									
																				SAMPLE BOTTLE NUMBER									
1	212																												
2	200																												
3	175																												
4	150																												
5	125																												
6	100																												
7	75																												
8	50																												
9	30																												
10	20																												
11	10																												
12	0																												

WHIT'S
NUTR.

CHL.

NUTR.

SAL.

SALINITY

SALINITY

SEC. TEMP.

PRI. TEMP.

PRESSURE

TRIP DEPTH

POS.

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSD8 I.D.		STATION DESIGNATION ATD1																											
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	
08125910.55N		14926.45W		21 MAY 01		2138		6.5		5.6		045		7		095		19		87		2		137		ATD1							
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 93450-202		CHIAM S/N 0/0		TRANS. S/N 0/0		SAMPLE BOTTLE DATA		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY																							
1 125		68																															
2 125		68																															
3 150																																	
4 100																																	
5 75																																	
6 50																																	
7 40																																	
8 30																																	
9 20																																	
10 20																																	
11 10																																	
12 0																																	

Cleared air bleed valve

MAX. DEPTH = 124 m

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION														
NOAA Ship RON BROWN		RB-01-03, leg 2						ATE 1														
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				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	(deg)	(m/s)	*	*	(m)					
08359	07	38	N	150	03	81	W	27	MA	Y	01	00	17	6.4	5.8	0557	090	17	872	62	150	ATE 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		6024																	
PRI COND SN	2489		AT SURFACE																			
SEC COND SN	2490																					
POS.	TRIP DEPTH	PAR S/N		4603	FLUOR S/N	93450-202	CHIAMS/N	D/A	TRANS. S/N	D/A	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.	CHL.	WHIT'S NUTR.			
1	140	Bot																				
2	140	Bot																				
3	125	125																				
4	100	100																				
5	101	100																				
6	75	75																				
7	49	50																				
8	40	40																				
9	30	30																				
10	20	20																				
11	10	10																				
12	20	0																				

VESSEL		PROJECT & LEG				DSDB I.D.		STATION DESIGNATION										
NOAA Ship RON BROWN		RB-01-03, leg 2						ATE2										
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)	WEATHER TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO												
68459	01	96N	150	05.29	W22	MAY	01	01	46	5.8	0656	110	18	872	205	ATE2		
CTD SBE 9Plus 93450-209																		
PRESS SN		53586		DATA ON		Tape/Diskette ID		File Name/Header		REMARKS								
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/A		MAX. DEPTH = 195 m		
POS. TRIP DEPTH		CTD CONVERTED MONITOR VALUES																
	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER				WHIT'S NUTR.				
1	130																	
2	130																	
3	175																	
4	150																	
5	125																	
6	95																	
7	50																	
8	40																	
9	30																	
10	30																	
11	20																	
12	10																	

100m

51

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		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR													MIN	
0455856	55	N	150	06	22	MAY	01	03	48	6.9	5.5	06	56	1	10	2	5	8	2	21	0	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		CHAM 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	6.0																					
2	175																					
3	150																					
4	125																					
5	100																					
6	75																					
7	50																					
8	40																					
9	30																					
10	20																					
11	10																					
12	10																					

0 #low-Thin

no water -

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	SEA STATE	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	(deg)	(m/s)	*	(m)		
046	59	51.12	N	150	08.27	W	22	M	A	Y	01	05	43	7.2	65	7	172	ATE4
CTD SBE 9Plus 93450-209																		
PRESS SN	53586		DATA ON		JD/TIME		Tape/Diskette ID		DATA LOCATION		File Name/Header		REMARKS					
PRI TEMP SN	2786		START DOWN															
SEC TEMP SN	696		AT DEPTH		0543													
PRI COND SN	2489		AT SURFACE															
SEC COND SN	2490																	
POS.	TRIP DEPTH	PAR S/N		4603	FLUOR S/N		93450-209	CHIAM S/N		D/A	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER					
		PRESSURE		PRI. TEMP.	SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.	CHL.	WHIT'S NUTR.			
1	460												66					
2	160												67					
3	150												68					
4	125												69					
5	100												70					
6	75												71					
7	50												72					
8	40												73					
9	30												74	No Sample				
10	30												75					
11	20												76					
12	10												77					

Flow thru

78

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION									
NOAA Ship RON BROWN		RB-01-03, leg 2				AT 2									
CONSC	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB	REL HUM	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
CAST #	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(%)	(mb)			(deg)	(m/s)			(m)	
8753	54.54 N	14932.85 W	22 MAY 01	0832	6.3	57.3	1075	7	1	00	1.3	8	2	252	
CTD SBE 9Plus 93450-209															
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		FLUOR S/N		23450-209		CHIAM S/N		D/a	
CTD CONVERTED MONITOR VALUES															
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL.	NUTR.	CHL.	WHIT'S NUTR.			
1	230								44	79					
2	200									80					
3	175									81					
4	150									82					
5	125						No bio			83					
6	100									84					
7	75									85					
8	50									86					
9	30									87					
10	30									88					
11	20									89					
12	10									89					

Flow - 0

89 v

VESSEL NOAA Ship RON BROWN		PROJECT & LEG RB-01-03, leg 2		DSDB I.D.		STATION DESIGNATION A 7 x 3																	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)	DRY BULB (°C)	REL HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO													YR	HR	MIN		
885256	12	N	149	11.86	W	22	M	A	Y	01	10	14	6.1	41	807	47	075	107	219				
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																							
POS.	TRIP DEPTH	PAR S/N 4603		FLUOR S/N 93450-209		CHIAM S/N		D/g		SAMPLE BOTTLE DATA		SALINITY		SALINITY		SAL.		NUTR.		CHL.		WHIT'S NUTR.	
1	205																						
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

☐ TRANS. S/N D/g

SAMPLE BOTTLE NUMBER

VESSEL NOAA Ship RON BROWN		PROJECT & LEG R8-01-03, leg 2		DSDB I.D.		STATION DESIGNATION ATx47													
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)		WIND DIRN.		WIND SPD.		WIND TYPE		WIND WEATHER		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		DAY MO YR		HR MIN		(deg)		(m/s)		CLOUD (amt)		(m)			
89 58 53.96 N		14 23 39.86 W		22 MAY 01		11 22 25		6.0		4.6		0.6		4.7		0.6		0.8	
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		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER							
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		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					

Bottle 1 may have stayed open & trapped as the CTD left the water.

13

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION								
NOAA Ship RON BROWN		RB-01-03, leg 2				47x5								
CONSC CAST #	LATITUDE	LONGITUDE	DATE JD= 142	TIME (GMT)	DRY BULB	REL HUM	WIND DIRN.	WIND SPD.	WIND DIRN.	WIND SPD.	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
DEG MIN	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(%)	(deg)	(m/s)	(deg)	(m/s)		(m)		
905850.23 N	14814.90 W	22 MAY 01	1422	6.6	5.2	64	7050	08	782	275				
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							MAX. DEPTH = 263 m						
POS.	TRIP DEPTH	PAR S/N	4603	FLUOR S/N	93450-209	CHIAM S/N	n/a	SAMPLE BOTTLE DATA		TRANS. S/N		n/a	SAMPLE BOTTLE NUMBER	
		CITD CONVERTED MONITOR VALUES		SALINITY		SALINITY		SALINITY		SAL.		NUTR.	CHL.	WHIT'S NUTR.
1	263									45		14		
2	200											15		
3	175											16		
4	150											17		
5	125											18		
6	100											19		
7	75											20		
8	50											21		
9	40											22		
10	30											23		
11	20											24		
12	10											25		
0														

VESSEL		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																													
NOAA Ship RON BROWN		RB-01-03, leg 2				GAK 9																													
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 142		TIME (GMT)		REL HUM (%)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt)	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID																	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN																
915840	73	N	14820	098	W	22	M	A	Y	01	16	05	7	7	5	8	0	5	4	7	0	3	0	1	0	7	3	1	2	7	9	5	A	K	9
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/G		TRANS. S/N										D/G		SAMPLE BOTTLE NUMBER													
POS. TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY		SALINITY			
1	6																																		
2	200																																		
3	175																																		
4	150																																		
5	125																																		
6	100																																		
7	75																																		
8	50																																		
9	40																																		
10	30																																		
11	20																																		
12	10																																		

VESSEL				PROJECT & LEG				DSDB I.D.				STATION DESIGNATION																	
NOAA Ship RON BROWN				RB-01-03, leg 2								GAK8																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		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	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(m/s)	(deg)	(m/s)	*	*	*	*	(m)						
9258	47	47	N	148	29	41	W	22	M	A	Y	01	18	19	6.8	5.0	05	47	035	107	1	293	EAK8						
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 93450-209				CHAM S/N D/A				TRANS. S/N D/A													
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER				WHIT'S NUTR.													
1	h			PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY							SAL.	NUTR.	CHL.	WHIT'S NUTR.												
2	250														39														
3	200														40														
4	175														41														
5	150														42														
6	100														43														
7	75														44														
8	50														45														
9	40														46														
10	30														47														
11	20														48														
12	10														49														
																50													

VESSEL NOAA Ship RON BROWN			PROJECT & LEG RB-01-03, leg 2			DSDB I.D.			STATION DESIGNATION GAK 71											
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD= 142			TIME (GMT)		DRY BULB (°C)	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											
93	58	52.93N	14	833.67W	22	MAY	01	12	00	8.3	6.2	647	0	25	0.8	68				
CTD SBE 9Plus 93450-209																				
TIMES																				
DATA ON																				
START DOWN																				
AT DEPTH																				
AT SURFACE																				
PAR S/N 4603																				
FLUOR S/N 93450-202																				
CHAM S/N D/A																				
CTD CONVERTED MONITOR VALUES																				
POS.	TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.	CHL.	WHIT'S NUTR.			
1	296	1000							6000				51							
2	250	250											52							
3	200	100											53							
4	150	150											54							
5	125	125											55							
6	100	100											56							
7	75	75											57							
8	50	50																		
9	30	30																		
10	30	30																		
11	15	15																		
12	15	15																		

buoy 13129

PG ____ OF ____

VESSEL NOAA Ship RON BROWN				PROJECT & LEG RB-01-03, leg 2				DSDB I.D.		STATION DESIGNATION GAK 7i																	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM (%)		PRESSURE (mb)		SEA STATE VISIBILITY		WIND DIRN. (deg)		WIND SPD. (m/s)		CLOUD (amt) TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN																	
94	58	52.98	N	148	33.77	W	22	MAY	01	20	35	4.8	27.4	7	0	3	0	0	8	6	4	1	3	0	4	GAK 7i	
CTD SBE 9Plus 93450-209																											
PRESS SN 53586																											
PRI TEMP SN 2786																											
SEC TEMP SN 696																											
PRI COND SN 2489																											
SEC COND SN 2490																											
<div> <div> <input type="checkbox"/> PAR S/N 4603 <input type="checkbox"/> FLUOR S/N 93450-209 <input type="checkbox"/> CHAM S/N 0/a </div> <div> TIDE CONVERTED MONITOR VALUES </div> </div>																											
POS.	TRIP DEPTH	SAMPLE BOTTLE DATA																									
1	30	PRESSURE	PRI. TEMP.	SEC. TEMP.	SALINITY	SALINITY																		SAL.	NUTR.	CHL.	WHIT'S NUTR.
2	30																										
3	30																							58		✓	
4	30																									✓	
5	15																									✓	
6	15																									✓	
7	15																							59		✓	
8	15																									✓	
9	0																										
10	0																										
11	0																									60	
12	0																										

REMARKS

MLD ~ 65m

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N 0/a

SAMPLE BOTTLE NUMBER

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		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)		• • •		(m)		• • •			
0955858.32 N		14837.77 W		22 MAY 01		21 27		9.2		6.8		0748		020		07		631		246		GAK 7									
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		SAMPLE BOTTLE NUMBER											
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES																											
1 236		PRESSURE		PRI. TEMP.		SEC. TEMP.		SALINITY		SALINITY		SAL.		NUTR.		/CHL.		WHIT'S NUTR.													
2 220																															
3 200																															
4 175																															
5 150																															
6 125																															
7 100																															
8 75																															
9 60																															
10 50																															
11 20																															
12 10																															

VESSEL NOAA Ship RON BROWN				PROJECT & LEG RB-01-03, leg 2				DSDB I.D.				STATION DESIGNATION GAK 6i															
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	
0965903		70N		14841		22 MAY 01		2315		70.1		74.0		74.8		000		000		05		681		184		GAK 6i	
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 93450-209				CHAM S/N n/a				TRANS S/N n/a											
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA				SAMPLE BOTTLE NUMBER															
1 169				PRESSURE				PRI TEMP.				SEC. TEMP				SALINITY											
2 169				169																							
3 150				DIP NOT CLOSE				CAUGHT ON FRAME																			
4 125																											
5 100																											
6 75																											
7 50																											
8 30																											
9 30																											
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 #		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			
DEG	MIN	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	°C	%	(mb)																				
09	75	9	07	01	N	14	8	46	18	W	23	M	A	Y	01	00	24	10	1	7	0	0	8	3	8	0	0	0	0	0	0	0	0
CTD SBE 9Plus 93450-209																																	
PRESS SN 53586																																	
PRI TEMP SN 2786																																	
SEC TEMP SN 696																																	
PRI COND SN 2489																																	
SEC COND SN 2490																																	
<div> <div> <input type="checkbox"/> PAR S/N 4603 <input type="checkbox"/> FLUOR S/N 93450-209 <input type="checkbox"/> CHAM S/N D/A </div> <div> <input type="checkbox"/> TRAN. S/N D/A </div> </div>																																	
CTD CONVERTED MONITOR VALUES																																	
POS.		TRIP DEPTH		PRESSURE		PRI. TEMP.		SEC. TEMP		SALINITY		SALINITY		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER		SAL.		NUTR.		CHL.		WHIT'S NUTR.									
1	145	bot																															
2	145	bot																															
3	125																																
4	100																																
5	75																																
6	50																																
7	40																																
8	30																																
9	30																																
10	20																																
11	10																																
12	0																																

REMARKS
ML 505
W 100

☐ Cleaned air bleed valve
MAX. DEPTH = 145 m

Larger

VESSEL						PROJECT & LEG								STATION DESIGNATION															
NOAA Ship RON BROWN						RB-01-03, leg 2								GAKS															
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		REL HUM		PRESSURE		SEA STATE		WIND DIRN.		WIND SPD.		CLOUD (gm)		WEATHER		BOTTOM DEPTH		STA. NAME/ID			
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		(%)		(mb)		*		(deg)		(m/s)		*		*		(m)					
098		59 15.77 N		14 854.4 W		23 MAY 01		02 24		9.5		6.8		0938		355		05		6		82		171		GAKS			
CTD SBE 9Plus 93450-209						TIMES						DATA LOCATION						REMARKS											
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												<input type="checkbox"/> Cleaned air bleed valve											
SEC COND SN						PAR S/N						FLUOR S/N						CHAM S/N						TRANS. S/N					
2490						4603						93450-209						D/G						D/G					
POS. TRIP DEPTH						CTD CONVERTED MONITOR VALUES						SAMPLE BOTTLE DATA						SAMPLE BOTTLE NUMBER											
						PRESSURE						PRI. TEMP.						SEC. TEMP.						SALINITY					
1						hot																		1					
2						hot																		2					
3																								3					
4						125'																		4					
5						100																		5					
6						75'																		6					
7						50																		7					
8						40																		8					
9						30																		9					
10						20																		10					
11						10																		11					
12						0																		12					