Winds are knots 3-1

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1	10	WOCE (P1 of 2)

CONS C CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE Sheet *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	15	60	1.99 N	17	20.50 W		27	Sep	07	02	14	7.3	.	14	5		199	18	8	7	2	2854	WOCE

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	Bottom	2824					✓	A01		3	3.0	
2	2750							A02		32	3.0	
3	2500							A03		120	3.0	
4	2250							A04		118	3.0	
5	2000							A05		97	3.0	
6	1750							A06		37	3.0	
7	1500							A07		117	3.1	
8	1250							A08		202	3.2	
9	1000							A09		144	3.3	
10	750							A10		190	3.6	
11	500							A11		39	3.9	
12	400							A12		159	4.0	

2nd page Cast 1

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		WOCE P2 & P2 3-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1		. N		. W	Sep	0	7			.	.										WOCE

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N .	☐ Oxygen		☐ TRANS. S/N _____

	POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
13	1	300							A13		89	4.0	
14	2	250							A14		50	3.9	
15	3	200							A15		213	3.8	
16	4	150							A16		88	3.5	
17	5	100							A17		93	3.6	bubble?
18	6	75							A18		59	3.8	
19	7	50							A19	✓	212	4.1	
20	8	40							A20	✓	60	7.2	
21	9	30							A21	✓	92	7.5	
22	10	20							A22	✓	193	7.6	
23	11	10							A23	✓	222	7.7	Kd(z,λ) leads
24	12	0							A24	✓	220	7.7	

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		PN14-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	25	61 7.10 N	171	02.94 W	27	Sep	07	06	13	7.2	.	995			154	25	8	7	5	138	PN11

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 130 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other
1	Bottom	130						B1		(143)	4.0	
2	100 ✓							B2		(150)	4.1	
3	75 ✓							B3				
4	50 ✓							B4	✓			
5	40							B5	✓			
6	30							B6	✓			
7	20							B7	✓			
8	10							B8	✓	(146)	7.7	146
9	0							B9	✓	(143)	7.8	143
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		S-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
003	56 30.60 N	170 48.58 W	27 Sep 07	0907	6.9	.	05			129	26	8			124	PN2

SBE 9+	TIMES JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON	Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 118 m
SEC COND SN	☑ PAR S/N _ ☑ FLUOR S/N _ ☐ Oxygen		☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	117					*232		B10				
2	100							B11				
3	75							B12				
4	50							B13				
5	40						X	B14	283			
6	30							B15	288			
7	20							B16	[illegible]			
8	10							B17	284			
9	0							B18	287			
10												
11												
12												

B10 - B(19)?

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		6-1

CONS C CAST #	LATITUDE		LONGITUDE		DATE JD=			TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~	*	*	*	(m)	
004	56	43.81	N 170	32.38	W	27	Sep	07	11	42	6.1		.01			121	32	8			112	PN3

SBE 9+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N .	☑ Oxygen	☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	105							B19				
2	75							B20				
3	50							B21	✓			
4	40							B22	✓			
5	30							B23	✓			
6	20							D24	✓			
7	10							C1	✓			
8	0							C2	✓			
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		7-1

CONS C CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	DEG MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
005	56 58.23 N	170 16.86 W	27 Sep 07	1457	6.5	.	992			121	39				746	PN4

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	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	70					*208		C3				
2	50							C4	✓			
3	40							C5	✓			
4	30							C6	✓			
5	20							C7	✓			
6	10							C8	✓			
7	0							C9	✓			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		8-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
006	57	19.33 N	169	55.10 W	27	Sep	07	18	19	7.1	.	89			169	24				59	PWS

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	☐ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	54							C10	✓			
2	40							C11	✓			
3	30							C12	✓			
4	20							C13	✓			
5	10							C14	✓			
6	0							C15	✓			
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		9-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
007	57	28.67 N	169	44.37 W	27	Sep	07	2039		6.9		984			224	19	8	7	2	71	PN6

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other (O2)
1	65							C16				
2	50							C17	✓	149	2.2	147
3	40							C18	✓			
4	30							C19	✓			
5	20							C20	✓			
6	10							C21	—			
7	0							C22	✓	24	6.3	1.42
8												
9												
10												
11												
12												

pale Green

PG ___ OF ___

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		10-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
8	57	37.91 N	169	33.58 W	28	Sep	07	03	12	6.6	.	80	4		220	22	8	7	2	74	PW7

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 68 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen		☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	68						✓	C23				
2	50							C24	✓	172	13.1	179
3	40							D1	✓			
4	30							D2	✓			
5	20							D3	✓			
6	10							D4	✓			
7	0							D5	✓			
8												
9												
10												
11												
12												

pale seam

PG ___ OF ___

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11	6	11-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	57,7260	169,377														
	57 47.19 N	169 02.62 W	28 Sep 07	05 14	6.1	.	804			211	15	8	2		68	PWS

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 62 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 Other
1	62							D6				
2	50							D7	✓			
3	40							D8	✓			
4	30							D9	✓			
5	20							D10	✓			
6	10							D11	✓			
7	0							D12	✓	175	5.6	200
8												
9												
10												
11												
12												

Nuts not run

green glacial flour color

PG ___ OF ___

Can see moon / hazy not cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		12-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~m/s~~ kts	*	*	*	(m)	
10	57	56.49 N	169	11.71 W	28	Sep	07	07	05	5.9	.	79	4		193	11	7	7	4	69	19N9

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	~~Other~~ O2
1	63							A1				
2	50						✓	A2	✓	1.19	1.3	181
3	40							A3	✓			
4	30							A4	✓			
5	20							A5	✓			
6	10							A6	✓			
7	0							A7	✓			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		13-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
011	58	05.77 N	169	00.92 W	28	Sep	07	09	10	5.6	.	79			215	08				72	PN10

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	✓ PAR S/N _	✓ FLUOR S/N .	✓ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

✓ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Q-2 Other
1	65						211	B1				
2	50							B2				
3	40							B3				
4	30							B4				
5	20							B5				
6	10							B6				
7	0							B7		136	5.7	236
8												
9												
10												
11												
12												

136
236

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		14-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
01	25	81 5.05 N	165	0.05 W	28	Sep	07	1104		5.9	.	79	3		263	10	*	*	5	69	PN11

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	✓ PAR S/N _	✓ FLUOR S/N	✓ Oxygen		✓ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O_2-2 Other
1	63							C1				
2	50							C2		1.61	1.4	207
3	40							C3				
4	30							C4				
5	20							C5				
6	10							C6				
7	0							C7				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		15-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
013	58	24.36 N	168	39.17 W	28	Sep	07	13	12	6.1	.	804	*	2	94	12	*	*	5	65	PN12

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen ☑ TRANS. S/N _____

REMARKS

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	61							D1				
2	50							D2	✓			
3	40							D3	✓			
4	30							D4	✓			
5	20							D5	✓			
6	10							D6	✓			
7	0						*236	D7	✓	176	64	195
8												
9												
10												
11												
12												

176
195

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		16-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
014	58 33.66 N	168 28.18 W	2 Sep 07	1445	5.9	.	80			320	13				597	PW13

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	Other	Oth-2
1	54							E1	✓			
2	40							E2	✓	234	1.8	243
3	30							E3	✓			
4	20							E4	✓			
5	10							E5	✓			
6	0							E6	✓			
7												
8												
9												
10												
11												
12												

234
243

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		17-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
015	58	42.83	N	168	17.16	W	28	Sep	07	1649		6.8	.	82			345	27				50	PN1

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen ☑ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	45							F1				
2	40							F2				
3	30		MISFIRE									
4	20							F4				
5	10							F5				
6	0						*235	F6		211	6.5	233
7												
8												
9												
10												
11												
12												

211
233

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		18-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
016	58	52.23 N	168	06.41 W	28	Sep	07	18	35	6.9	.	84			339	29				45	TN 15

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	41							G1				
2	30							G2		091	7.1	197
3	20							G3				
4	10							G4				
5	0							G5				
6												
7												
8												
9												
10												
11												
12												

091
197

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		19-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
01	59	01.39 N	167	55.68 W	28	Sep	07	20	45	7.0	.	875			326	36	7	6	1	4375	1N16

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	35						228	A11	?			
2	30		NO	Mip (hung up)			~~228~~	~~A12~~	~~✓~~	~~—~~		
3	20							A13	✓			
4	10							A14	✓		no O2 on this cast	
5	0							A15	✓	~~235~~	~~7.6~~	~~235~~
6												
7												
8												
9												
10												
11												
12												

235

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		20-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
018	59	53.97 N	168	00.07W	29	Sep	07	13	59	6.5	.	98			300	11				130	NW22

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _ ☒ FLUOR S/N _ ☒ Oxygen		☒ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	26						*233	A1				
2	20		MISFIRE					A2				
3	10							A3				
4	0							A4				
5												
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		21-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
019	59	54.03 N	168	32.18W	29	Sep	07	16	29	6.0	.	98			249	12				4000	N21

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	36							B1	✓	235	7.3	
2	30		MISFIRE					B2	✓			
3	20							B3	✓			
4	10							B4	✓			
5	0							B5	✓			
6												
7												
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		22-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
026	59	54.00 N	169	04.32 W	29	Sep	07	1910		5.2	.	963	3		240	18	8	6	2	45	m2N20

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 40 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	40						*226	C1				
2	30							C2				
3	20							C3				
4	10							C4				
5	0							C5		214		
6												
7												
8												
9												
10												
11												
12												

214 - TOP

chalky green

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		23-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	02	59 53.98 N	169 36.63 W	29	Sep	07		21	33	5.2	.	933		7	189	18	8	6	2	51	MW19

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 45 m

☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	45							D1	✓			
2	40						✓	D2	✓	171	-1.7	174
3	30							D3	✓			
4	20							D4	✓			
5	10							D5	✓			
6	0							D6	✓			
7												
8												
9												
10												
11												
12												

171/174

Chalky screen

PG ___ OF ___

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		24-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	02	25.954 N	170	08.84 W	30	Sep	07	00	15	4.4	.	89	3		161	20	8	7	2	60	MVL8

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	☐ PAR S/N _ ☐ FLUOR S/N _ ☐ Oxygen		

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	52							E1	✓			
2	40							E2	✓			
3	30							E3	✓			
4	20							E4	✓			
5	10							E5	✓			
6	0							E6	✓	151	5.6	91
7												
8												
9												
10												
11												
12												

Top

Chalky green, maybe less

down 3 U

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1	4 casts	25-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	23 59.54.01 N	170 41.05 W	30 Sep 07	0223	4.9	.	854	6	1	39	23	8	7	5	68 m	N 17

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	☐ PAR S/N _ ☐ FLUOR S/N _ ☐ Oxygen		

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	60						✓	F1				
2	50							F2	✓	003	-1.0	032
3	40							F3	✓			
4	30							F4	✓			
5	20							F5	✓			
6	10							F6	✓			
7	0							F7	✓			
8												
9												
10												
11												
12												

bottom

PG ___ OF ___

partly cloud

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		26-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	24 59.53 N	171 14.98 W	30 Sep 07	0503	6.4	.	834	5		260	23	7	7	1	74	MN16

SBE 9+	TIMES JD/TIME	DATA LOCATION ?	REMARKS also 6d 7 MSE
PRESS SN	DATA ON	Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _ ☒ FLUOR S/N _ ☒ Oxygen		☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	67							61				
2	50						✓	62	✓			
3	40							63	✓			
4	30							64	✓			
5	20							65	✓			
6	10							66	✓			
7	0							67	✓	151	5.0	091
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		27-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	25 59 42.05 N	171 29.96 W	30 Sep 07	07 50	6.7	.	853			246	18	6		2	716 m	5-S

SBE 9+	TIMES	JD/TIME	DATA LOCATION 4/
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	/ PAR S/N _	/ FLUOR S/N _	/ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

/ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	72							A11				
2	60						✓	A12		118✓	-0.8	120
3	50							A13	✓			
4	40							A14	✓			
5	30							A15	✓			
6	20							A16	✓			
7	10							A17	✓			
8	0							A18	✓			
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		28-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
026	59	54.39 N	171	42.36 W	30	Sep	07	10	18	6.4	.	84			231	16				71	MW15 MS

SBE 9+	**TIMES**	JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☑ FLUOR S/N .	☐ Oxygen	☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O_2-2 Other
1	66						*222	A1				
2	50							A2				
3	40							A3				
4	30							A4				
5	20							A5				
6	10							A6				
7	0							A7		037		039
8												
9												
10												
11												
12												

037/039 -Top

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		29-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
027	60	04.44 N	172	00.11 W	30	Sep	07	13	44	06.1	.1	82			190	10				64	MS-N

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	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 60 m

☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	60							B1				
2	50							B2		50	-0.2	59
3	40							B3				
4	30							B4				
5	20							B5				
6	10							B6				
7	0							B7				
8												
9												
10												
11												
12												

N2 001

002 ~~047~~

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		30-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
028	59	54.04 N	172	10.92 W	30	Sep	07	16	49	6.4	.	818			211	12	8	6	2	75	MS-W

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	✓ PAR S/N _	✓ FLUOR S/N _	✓ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 70 m

✓ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 Other	N_2
1	70							C1					00
2	50							C2					
3	40							C3					
4	30							C4					
5	20							C5					
6	10							C6					
7	0							C7		88	5.1	89	004
8													
9													
10													
11													
12													

Top

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		31-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
029	59	54.0	N	172	49.9	W	30	Sep	07	19	54	6.1	.	813	4	4	204	07	8	7	2	76	MN13

SBE 9+	TIMES	JD/TIME	DATA LOCATION	REMARKS
PRESS SN	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = 70 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen	☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	70							D1				
2	50						227	D2	NO	092	-0.6	093
3	40							D3	✓			
4	30							D4	✓			
5	20							D5	✓			
6	10							D6	✓			
7	0							D7	✓			
8												
9												
10												
11												
12												

N_2 005

006

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		32-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	30 59.53 N	173 22.17 W	30 Sep 07	2235	5.8	.	824	3	3	315	09	8	7	6	86m	M12

SBE 9+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 80 m
SEC COND SN	☐ PAR S/N _ ☐ FLUOR S/N _ ☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	80							E1				
2	60							E2				
3	50							E3	✓			
4	40							E4	✓			
5	30							E5	✓			
6	20							E6	✓			
7	10							E7	✓			
8	0							E8	✓	60	6.2	
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		33-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
3	59	53.99 N	173	54.39 W	01	Oct	07	00	49	5.9	.	833	3	+	281	05	8	7	5	102	MN11

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	95							F1		97	1.1	
2	75						√221	F2				
3	50							F3	✓			
4	40							F4	✓			
5	30							F5	✓			
6	20							F6	✓			
7	10							F7	✓			
8	0							F8	✓			
9												
10												
11												
12												

N2 9

10

PG ___ OF ___

sun - sta
Cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		34-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	32	59 53.99 N	174 26.68 W		01	Oct	07	03	16	5.6	.	85	3		352	10	8	6		111	MN10

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 105 m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other
1	105							G1				
2	75							G2				
3	50							G3	✓			
4	40							G4	✓			
5	30							G5	✓			
6	20							G6	✓			
7	10							G7	✓			
8	0							G8	✓	11.7	7.1	
9												
10												
11												
12												

N2
11
12

Cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		35-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	33	59.54 N	174	59.90 W	01	Oct	07	05	27	5.9	.	914			002	30	8	7	2	126	MN09

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 113 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	113		broken	- valve	not closed		broken			~~19~~		
2	100						230	A2		119	1,7	
3	75							A3				
4	50							A4	✓			
5	40							A5	✓			
6	30							A6	✓			
7	20							A7	✓			
8	10							A8	✓			
9	0							A9	✓			
10												
11												
12												

N

~~13~~ 13

14

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		36-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
034	59	54.00 N	175	31.09 W	01	Oct	07	08	23	6.3	.	96			320	21				1126	NN08

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N .	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	120						×224	B1				
2	100							B2				
3	75							B3				
4	50							B4	✓			
5	40							B5	✓			
6	30							B6	✓			
7	20							B7	✓			
8	10							B8	✓			
9	0							B9	✓	136		142
10												
11												
12												

15

16

17

O_2 - TOP 136, 142

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		37-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
035	59	53.97 N	176	03.29 W	01	Oct	07	1056		5.3	.	99			279	19				137	MN07

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	✓ PAR S/N _	✓ FLUOR S/N _	✓ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

✓ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other
1	130							C1				
2	100							C2		143	2.2	144
3	75							C3				
4	50							C4				
5	40							C5				
6	30							C6				
7	20							C7				
8	10							C8				
9	0							C9				
10												
11												
12												

N2 18 19 20

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		38-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
036	59	54.00 N	176	35.53 W	01	Oct	07	1358		5.4	.	00			281	15				142	mN06

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other	N/2
1	135						*223	D1					21
2	100							D2					
3	75							D3					22
4	50							D4					
5	40							D5					
6	30							D6					
7	20							D7					
8	10							D8					
9	0							D9		1.45	7.2	146	23
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		39-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
037	59	54.00 N	177	07.74 W	01	Oct	07	16	29	5.4	.	01			288	29				138	MW 05

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	PAR S/N _	FLUOR S/N .	Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	132							E1				
2	100							E2				
3	75							E3				
4	50							E4				
5	40							E5				
6	30							E6				
7	20							E7				
8	10							E8				
9	0							E9		147	6.9	149
10												
11												
12												

N_2
24
25
26

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		40-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
038	59	54.00 N	177	39.97W	010	Oct	07	19	35	5.4	.	03	4		315	20	4	6	1	140	M04

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 135 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other	
1	135							F1					27
2	125							F2		1.50	1.8	151	
3	100							F3		1.[illegible]		[illegible]	08
4	75							F4					
5	50							F5					
6	40							F6					
7	30							F7					
8	20							F8					
9	10							F9					
10	0						*216	F10					29
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		41-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
039	59	54.00 N	178	12.15 W	1	Oct	07	22	04	5.5	.	055	4		285	11	3	6	1	146	MW03

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	
1	140							G1					32
2	125					220	220	G2					
3	100						( )	G3					
4	75							G4					
5	50							G5					
6	40							G6					31
7	30							G7					
8	20							G8					
9	10							G9					
10	0							G10		153		159	30
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		42-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	40	59 53.98 N	178 44.34 W		20	Oct	07	0049		5.3	.	073	3		310	10	6	6	1	148	m NO2

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 140 m

☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	N2
1	140							A11					33
2	125							A12		3	2.2	32	
3	100							A13					
4	75							A14					
5	50							A15					
6	40							A16					34
7	30							A17					
8	20							A18					
9	10							A19					
10	0							A20					35
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		43-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	54.01		16.55		0317																
	41	59 54.02 N	179	16.55 W	20	Oct	07	0331		5.7	.	083			302	19	6	6	1	2057	MN01

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 750 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	750							B1		91		
2	500							B2		89	3.5	
3	400							B3		88	3.6	
4	300							B4		60	3.6	
5	200							B5		59	2.4	
6	100						(204)	B6		50	2.6	
7	75							B7		39	2.6	
8	50							B8	✓			
9	40							B9	✓			
10	30							B10	✓			
11	20							B11	✓			
12	10							B12	✓			
13	0							B13	✓	37	7.7	

We

37

36

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		44-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
042	62	12.05 N	175	58.46 W	020	oct	07	19	06	4.6	.	14			301	24				93	SL1

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	✓ PAR S/N _	✓ FLUOR S/N _	✓ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 87 m

✓ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other	N_2
1	87							C1					39
2	75							C2					
3	50							C3					40
4	40							C4					
5	30							C5					
6	20							C6					
7	10							C7					
8	0							C8		003	7.1	032	41
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		45-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
043	62	12.05 N	175	33.88W	02	Oct	07	21	15	5.2	.	154			272	25	3	6	1	87	SL2

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other	
1	80						213	D1					42
2	60							D2		037	0.0	~~038~~	
3	50							D3					43
4	40							D4					
5	30							D5					
6	20							D6					
7	10							D7					
8	0							D8					44
9													
10													
11													
12													

✓ Check 43 at 50m?

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		46-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID	
	44	62.12.00N	175	12.04W	20	Oct	07	2241		5.5	.	164			292	23	3	8	1	81	SL3	MPW

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 75 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other	N_2
1	75							E1					45
2	60							E2					
3	50							E3					
4	40							E4					47
5	30							E5		39	0.0	50	
6	20							E6					
7	10							E7					46
8	0							E8					
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		47-1

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	45	6225.30 N	17442.00 W		30	Oct	07	02	15	5.3	.	1014			307	21	3	6	1	74	M8N

Mooring 2 North

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 67 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other
1	67						(218)	F1				
2	50							F2	✓			
3	40							F3	✓			
4	30							F4	✓	(60)	-0.1	59
5	20							F5	✓			
6	10							F6	✓			
7	0							F7	✓			
8												
9												
10												
11												
12												

N2 49 5C 48

L 48 50

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		48-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)		
	46	62 11.99 N	174	44.88 W	30	Oct	07	05	28	4.9	.	184			294	25	4		1	76	SL4	MP

SBE 9+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _ ☒ FLUOR S/N _ ☒ Oxygen		☒ TRANS. S/N 70

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA Salinity	SAMPLE BOTTLE NUMBER Sal	Nutr	Chl	O2	O2-T	Other
											-0.7	
1	70							A1		88	-0.7	
2	50							A2	✓			
3	40							A3	✓			
4	30							A4	✓	89	~~-0.5~~	
5	20							A5	✓			
6	10							A6	✓			
7	0							A7	✓			
8												
9												
10												
11												
12												

N2 51 52 53

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 211		49-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
47	61	58.51 N	174	37.01 W	03	Oct	07	09	03	4.8	.	21			303	19				77	MBS 0

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	[X] PAR S/N _	[X] FLUOR S/N _	[X] Oxygen

REMARKS

[ ] Cleaned air bleed valve

MAX. DEPTH = 73 m

[X] TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other	N_2
1	73							B1		091	-0.8		54
2	50							B2					
3	40							B3					55
4	30							B4			-0.7	092	
5	20							B5					
6	10							B6					
7	0							B7					56
8													
9													
10													
11													
12													

O_2 = 091, 092

N_2 = 54 55 56

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		50-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
48	62	12.00 N	174	18.03 W	03	0	07	1	33	4.4	.	21			305	16				70	SL5-MKE

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N .	☑ Oxygen ☑ TRANS. S/N

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other	N_2
1	65							C1					57
2	50							C2					
3	40							C3					
4	30							C4			*0.3	97	58
5	20							C5					
6	10							C6					
7	0							C7		93	7.0		59
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		51-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	49	62.11.99N	173	55.87W	03	Oct	07	1326		4.5	.21				301	15				65	SL6

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 60 m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen ☑ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other	N2
1	60						217	D1		117	-0.7		60
2	50							D2					
3	40							D3					
4	30							D4			-0.1	118	61
5	20							D5					
6	10							D6					
7	0							D7					62
8													
9													
10													
11													
12													

O_2 - 117 118

N_2 - 60, 61, 62

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		S2-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
050	62	11.98N	173	31.48W	030	10	7	1502		4.7	.	21			311	10				62	SL7

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	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 57 m

☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	N2 Other
1	57											63
2	50											
3	40											
4	30									119	-0.2	64
5	20											
6	10											
7	0									120	7.1	65
8												
9												
10												
11												
12												

119
120

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		53-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
051	62	11.96 N	173	07.09 W	03	Oct	07	17	02	4.2	.	20			352	5				60	SL8

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN ___	DATA ON	___	Tape/Diskette ID	File Name/Header	
PRI TEMP SN ___	START DOWN	___	___	___	
SEC TEMP SN ___	AT DEPTH	___	___	___	☐ Cleaned air bleed valve
PRI COND SN ___	AT SURFACE				MAX. DEPTH = 55 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other	N_2
1	55							G1		136	-0.5		66
2	50							G2					
3	40							G3					
4	30							G4		142	-0.6		67
5	20							G5					
6	10							G6					
7	0						*206	G7					68
8													
9													
10													
11													
12													

O_2 = 136, 142

N_2 = 66, 67, 68

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		54-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
052	62	12.02 N	172	42.51 W	30	Oct	07	1840		4.0	.	20			025	7				57	SL9

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	53							A11				
2	40							A12				
3	30							A13		143	-19	
4	20							A14				
5	10							A15				
6	0							A16		144	6.8	
7												
8												
9												
10												
11												
12												

N/2
69
70
71

E Side SL

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		55-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
053	62	12.01 N	172	18.03 W	03	Oct	07	20	57	4.8	.	202			350	03	2	6	1	56	SL10

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	
1	50					215	(215)	B11	✓	145	-0.3	146	N2 172
2	40							B12	✓				
3	30							B13	✓				
4	20							B14	✓				
5	10							B15	✓				
6	0							B16	✓				73
7													
8													
9													
10													
11													
12													

1st station 70m line

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		56-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
54	61	56.53 N	174	21.80 W	4	Oct	07	0307		4.6	.	123			082	19	7	6	1	75	70M3

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 70 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen ☒ TRANS. S/N _____

REMARKS

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	70					205	205	C 11		147	-0.6	
2	50							12	✓			
3	40		water for NH4 freezing test			→		13	✓			
4	30							14	✓	149	-0.5	
5	20							15	✓			
6	10							16	✓			
7	0							17	✓			
8												
9												
10												
11												
12												

N2: 74, 75, 76

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		Rcvr Dec 22 5 7-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	55	61 51.74 N	174	06.85 W	4	Oct	07	04	36	4.0	.	10	4		099	22	8	6	1	74	70M4

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	/ PAR S/N _	/ FLUOR S/N _	/ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 68 m

/ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	68							A1				
2	50							A2	✓			
3	40							A3	✓			
4	30							A4	✓			
5	20							A5	✓			
6	10							A6	✓			
7	0							A7	✓	(151)	7.0	(150)
8												
9												
10												
11												
12												

N_2
77
78
79

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 211		58-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
5	68	43.63 N	173	51.35 W	4	Oct	07	06	11	4.6	.	074			100	25			1	7470	m5

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	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen

REMARKS dark

☐ Cleaned air bleed valve

MAX. DEPTH = 68 m

☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 Other
1	68						201	B1				
2	50							B2	✓			
3	40	2 n] on downcast,						B3	✓	(153)	-0.1	(157)
4	30							B4	✓			
5	20							B5	✓			
6	10							B6	✓			
7	0							B7	✓			
8												
9												
10												
11												
12												

No N2 samples

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		59-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
057	61	33.65 N	173	42.74 W	040	oct	07	08	40	4.7	.	02			077	35				757	0m6

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH ≅ m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O_2 ~~Other~~
1	70						*203	C1				
2	50							C2				
3	40							C3				
4	30							C4		159	-0.4	161
5	20							C5				
6	10							C6				
7	0							C7				
8												
9												
10												
11												
12												

N2
80
81
82

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		60-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
5	58	60 44.34 N	173	38.83 W	05	Oct	07	22	53	3.2	.	063			313	18	7	6	1	7370	M11

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 68 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen ☒ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	68							D1		171	0.6	172
2	50							D2	✓			
3	40							D3	✓			
4	30							D4	✓			
5	20							D5	✓			
6	10							D6	✓			
7	0						202	D7	✓			
8												
9												
10												
11												
12												

N_2 83

84

O_2 171 172

PG ___ OF ___

Cirrus cumulus

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		61-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	59	60 34.37 N	173	38.23 W	6	Oct	07	01	10	3.8	.	074			290	21	3		1	69	70m12

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	65						1209	E1		175	1.3	174
2	50							E2	✓			
3	40							E3	✓			
4	30							E4	✓			
5	20							E5	✓			
6	10							E6	✓			
7	0							E7	✓			
8												
9												
10												
11												
12												

2 2

TO N2

OT THER. IS READING 1.4 (FLAKE)

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		62-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
60	60	25.49 N	173	35.59 W	60	Oct	07	02	36	3.7	.	08	4		292	17	6		1	66	70 m 13

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	60						207	F1				
2	50							F2	✓			
3	40							F3	✓			
4	35							F4	NO			
5	30							F5	✓			
6	20							F6	✓			
7	10							F7	✓			
8	0							F8	✓			
9												
10												
11												
12												

NO

N2 8.5

86

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		63-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
61	60	15.11 N	173	31.28 W	6	Oct	07	04	33	3.9	.	09	3		285	13	3	6	1	71	70M1

4

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☒ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	~~Sal~~	Nutr	Chl	O2	O2-T	~~Other~~ O_2
1	65						210	G1		176		179
2	50							G2				
3	40							G3	✓			
4	30							G4	✓			
5	20							G5	✓			
6	10							G6	✓			
7	0							G7	✓			
8												
9												
10												
11												
12												

CO
N
2

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		64-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
62	60	06.03 N	173	19.00 W	60	Oct	07	06	06	3.5	.	09	3	2	165	09	4	6	1	73	70m1 5

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	NO Sal	Nutr	Chl	O2	O2-T	O_2 Other	N_2
1	65							A8		181		190	87
2	50							A9	✓				
3	40							A10	✓				
4	30							A11	✓				
5	20							A12	✓				
6	10							A13	✓				
7	0							A14	✓				88
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		65-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~	*	*	*	(m)	
6	36002.22 N		173	00.38 W	06	Oct	07	07	57	3.9	.	10			295	5				69	70m1 6

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	✓ PAR S/N _	✓ FLUOR S/N _	✓ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

✓ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 Other
1	65							A1		193	0.8	195
2	50							A2	✓			
3	40							A3	✓			
4	30							A4	✓			
5	20							A5	✓			
6	10							A6	✓			
7	0						*214	A7	✓			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		66-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	64	59 58.68 N	172	44.79 W	06	Oct	07	09	13	3.7	.	10			254	7				70	70M17

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	65							B1		197	0.0	200
2	50							B2				
3	40							B3				
4	30							B4				
5	20							B5				
6	10							B6				
7	0							B7				
8												
9												
10												
11												
12												

N2 89

90

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		67-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	65	54.66 N	172	26.10W	060	Oct	07	1057		3.6	.	10			253	8				75	70M18

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	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	~~Other~~ O_2
1	70						*263	C1		202	0.0	207
2	50							C2				
3	40							C3				
4	30							C4				
5	20							C5				
6	10							C6				
7	0							C7				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		68-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	66	59 50.74N	172	05.63W	06	Oct	07	12	31	4.2	.	09			260	13				77	70m19

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	☐ PAR S/N	☐ FLUOR S/N	☐ Oxygen ☐ TRANS. S/N

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 ~~Other~~	N2
1	70							D1		211	0.7	212	91
2	50							D2					
3	40							D3					
4	30							D4					
5	20							D5					
6	10							D6					
7	0							D7					92
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		69-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	67	59.40 N	171	50.18 W	06	Sep	07	14	06	4.1	.	09			279	10				7570	m20

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☑ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	70							E1		213	0.0	214
2	50							E2				
3	40							E3				
4	30							E4				
5	20							E5				
6	10							E6				
7	0						*65	E7				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		70-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
068	59	46.63 N	171	26.89 W	06	Oct	07	15	45	3.9	.	01			176	5				74	70M21

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 ~~Other~~	N2
1	70							F1		216	-0.1	219	93
2	50							F2					
3	40							F3					
4	30							F4					
5	20							F5					
6	10							F6					
7	0							F7					94
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		71-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	69 59 42.91 N	171 08.39 W	060	1748	4.6	.	07			171	8				73	70m 22

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	66							G1		220	0.1	222
2	50							G2				
3	40							G3				
4	30							G4				
5	20							G5				
6	10							G6				
7	0						*231	G7				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		72-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	70	59 35.71 N	170	55.69 W	06	Oct	07	19	14	4.5	.	07			141	8				7270	M23

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N .	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	65							B11		233	0.1	234
2	50							B12				
3	40							B13				
4	30							B14				
5	20							B15				
6	10							B16				
7	0							B17				
8												
9												
10												
11												
12												

N2 95

96

milky green?

Cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		73-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	71	59 26.13 N	170 54.34 W	06	Oct	07		2105		3.1	.	064	4		120	20	8	7	2	72	70M24

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 68 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen ☐ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	68							C11				
2	50							C12	✓			
3	40							C13	✓			
4	30							C14	✓			
5	20							C15	✓			
6	10					→	2601	C16	✓			
7	0							C17	✓			
8												
9												
10												
11												
12												

NOTE

Milky green water

cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		74-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
72	59	20.12 N	170	39.35 W	60	Oct	07	22	33	3.3	.	06	4		090	18	8	7	2	1716	70m25

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	65							E11		235		~~236~~
2	50							E12				
3	40							E13				
4	30							E14				
5	20							E15				
6	10							E16				
7	0						(248)	E17		~~235~~		~~236~~
8												
9												
10												
11												
12												

bubble

~~97~~ 98

milky green water

cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		75-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
	73	59 14.90 N	170	24.78 W	7	Oct	07	0020		3.2		.054			93	22	8	7	2	69	70M26

SBE 9+	TIMES	JD/TIME	DATA LOCATION / REMARKS
PRESS SN	DATA ON		Tape/Diskette ID / File Name/Header
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen ☐ TRANS. S/N _

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	255 Sal	Nutr	Chl	O2	O2-T	Other
1	62	←	ammonia	test	→	→	>	D11		243		236
2	50							D12				
3	40							D13				
4	30							D14				
5	20							D15				
6	10							D16				
7	0						255	D17		24		
8												
9												
10												
11												
12												

No No

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		76-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	74	59 06.45 N	170 14.85 W		70	Oct	07	01	50	3.3	.	054			076	22	5	6	2	69	70M27

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	N2
1	60						270	F11		003		032	99
2	50							F12					
3	40							F13					
4	30							F14					
5	20							F15					
6	10							F16					
7	0							F17					100
8													
9													
10													
11													
12													

Cam 1

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		77-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~ kts	*	*	*	(m)	
75	58	56.87 N	170	19.60 W	7	Oct	07	03	42	3.9	.	064			063	19	3	6	1	72	70m28

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = 65 m

☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 Other
1	65						(246)	A1		37		39
2	50							A2	✓			
3	40							A3	✓			
4	30							A4	✓			
5	20							A5	✓			
6	10							A6	✓			
7	0							A7	✓			
8												
9												
10												
11												
12												

Zoo 2

p cloud

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION	
RV TG Thompson		T N 2 11		78-1	

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	76	58 46.43 N	170 17.58 W		7	Oct	07	05	12	4.3	.	08			007	20	7	7	1	72 70m	29

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen		☒ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	N2
1	65							131		50	'	~~39~~	101
2	50							132	✓				
3	40							133	✓				
4	30							134	✓				
5	20							135	✓				
6	10						247	136	✓				
7	0							137	✓				102
8													
9													
10													
11													
12													

Milky green water

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		79-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	77	58 37.00 N	170	16.52 W	7	Oct	07	07	02	4.4	.	103			002	17				73	70M30

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 67 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen ☒ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other
1	67							C1		59		60
2	50						254	C2				
3	40							C3				
4	30							C4				
5	20							C5				
6	10							C6				
7	0	→						C7				
8	0	→						↙				
9												
10												
11												
12												

Z G Z 9

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		P0-1

CONS C 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	DAY	MO	YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
78	58	26.74 N	170	11.20 W	07	Oct	07	0839	4.4	.	01			00019					7470	M81

SBE 9+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _ ☐ FLUOR S/N _	☐ Oxygen	☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O_2 ~~Other~~	N_2 103
1	69							A1		88	1.6	89	
2	50							A2					
3	40							A3					
4	30							A4					
5	20							A5					
6	10							A6					
7	0							A7					104
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		81-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~	*	*	*	(m)	
79	58	17.00N	170	05.72W	07	Oct	07	10	37	4.5	.	14			340	17				7370	M32

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN ____	DATA ON	____	Tape/Diskette ID	File Name/Header	
PRI TEMP SN ____	START DOWN	____			
SEC TEMP SN ____	AT DEPTH	____			☐ Cleaned air bleed valve
PRI COND SN ____	AT SURFACE				MAX. DEPTH = m
SEC COND SN ____	☑ PAR S/N _	☑ FLUOR S/N .	☑ Oxygen		☑ TRANS. S/N ____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O2 ~~Other~~
1	68							B1		091	1.7	092
2	50							B2				
3	40							B3				
4	30							B4				
5	20							B5				
6	10							B6				
7	0						259	B7				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		82-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~	*	*	*	(m)	
080	58	08.83 N	169	55.08 W	07	Oct	07	12	07	4.7	.	14			336	16				72	70 W 3 3

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	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER							
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O_2 ~~Other~~	N_2
1	67							C1		093	1.8	097	105
2	50							C2					
3	40							C3					
4	30							C4					
5	20							C5					
6	10							~~C6~~					
7	0							C7					106
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		83-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
81	58	02.53 N	169	40.30 W	07	Oct	07	14	07	4.4	.	15			341	18				7170	m34

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O22 Other
1	65						265	D1		117	2.2	118
2	50							D2				
3	40							D3				
4	30							D4				
5	20							D5				
6	10							D6				
7	0							D7				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		84-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. ~~(m/s)~~	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
82	57	55.61 N	169	19.33 W	07	Oct	07	15	55	4.0	.	17			336	16				6770	m35/M4-W

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 63 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	~~Other~~ O_2 / N_2
1	63							E1		119		120 / 107
2	50							E2				
3	40							E3				
4	30							E4				
5	20							E5				
6	10							E6				
7	0							E7				108
8												
9												
10												
11												
12												

Green water

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		85-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
83	57	51.47 N	168	52.68 W	07	Oct	07	18	18	3.8	.	18			352	15				72	M4

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 67 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen ☒ TRANS. S/N _____

REMARKS

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	67							F1		136	142	104
2	50							F2				
3	40							F3				
4	30							F4				
5	20							F5				
6	10							F6				
7	0						*269	F7				110
8												
9												
10												
11												
12												

PG ___ OF ___

~ greeny water.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		86-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
084	58	04.01 N	168	43.87 W	7	Oct	07	22	00	4.3	.	203			315	15	2	8	1	71	M4N

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen ☐ TRANS. S/N _____

REMARKS
Cumulus

☐ **Cleaned air bleed valve**

MAX. DEPTH = 65 m

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	65							G1		143	144	
2	50						253	G2	✓			
3	40							G3	✓			
4	30							G4	✓			
5	20							G5	✓			
6	10							G6	✓			
7	0							G7	✓			
8												
9												
10												
11												
12												

No Ng

Greeny

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		P7-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
855	746.03 N		16827.90 W		8	Oct	07	0030		4.3	.	203	3		333	16	3	6	1	72	M4E

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O_2 Other
1	65							A11		145		146
2	50					241	(241)	A12	✓			
3	40							A13	✓			
4	30							A14	✓			
5	20							A15	✓			
6	10							A16	✓			
7	0							A17	✓			
8												
9												
10												
11												
12												

Milky Green

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		88-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	86	57.39.19 N	169	01.16 W	8	Oct	07	02	53	4.4	.	213			306	08	1	8	1	70	m45

SBE 9+	TIMES JD/TIME Oct	DATA LOCATION	REMARKS
PRESS SN	DATA ON	Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 63 m
SEC COND SN	☒ PAR S/N _ ☒ FLUOR S/N _ ☒ Oxygen		☒ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	O2 Other
1	63							B11		149		147
2	50							B12	✓			
3	40							B13	✓			
4	30							B14	✓			
5	20							B15	✓			
6	10						(240)	B16	✓			
7	0							B17	✓			
8												
9												
10												
11												
12												

Milky Green

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		89-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	87	57.54.28 N	169	03.75 W	Oct	07		04	45	4.0	.	213			281	07	3	8	1	7070m	36

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 63 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other
1	63							C11		150		~~USF~~
2	50					Red	258	C12	✓			
3	40							C13	✓			
4	30							C14	✓			
5	20							C15	✓			
6	10							C16	✓			
7	0							C17	✓			
8												
9												
10												
11												
12												

2020

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		90-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	88	57 50.94 N	168	56.00 W	8	Oct	07	05	40	4.0	.	22	3		250	09	2	P	1	72	70M37

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	65							D11		153		151
2	50							D12	✓			
3	40							D13	✓			
4	30							D14	✓			
5	20							D15	✓			
6	10						(264)	D16	✓			
7	0							D17	✓			
8												
9												
10												
11												
12												

N2
111
112

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 211		91-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
89	57	47.34 N	168	51.05 W	80	Oct	07	0652		4.3	.	223			263	07				7270	M38

SBE 9+	TIMES	JD/TIME	DATA LOCATION[2]		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	65							A1		157		159
2	50							A2	✓			
3	40							A3	✓			
4	30							A4	✓			
5	20						(268)	A5	✓			
6	10							A6	✓			
7	0							A7	✓			
8												
9												
10												
11												
12												

1 ml $MnCl_2$

1.25 of ml $MnCl_2$

O_2

Noted that $MnCl_2$ was set to 1.25 ml

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		92-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
9	05	37.72 N	168	49.56 W	8	Oct	07	08	18	4.3	.	22			267	11				7170	M39

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	~~Other~~	N_2
1	65							B1		161	171		113
2	50							B2	✓				
3	40							B3	✓				
4	30							B4	✓				
5	20							B5	✓				
6	10							B6	✓				
7	0							B7	✓				114
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		931

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. ~~(m/s)~~	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
091	57	31.44 N	168	36.84 W	08	Oct	07	10	10	4.8	.	22			272	7				72	70A40

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 67 m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen ☑ TRANS. S/N _____

REMARKS

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	67							C1		172	174	
2	50							C2	✓			
3	40							C3	✓			
4	30							C4	✓			
5	20							C5	✓			
6	10							C6	✓			
7	0						*239	C7	✓			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		94-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~	*	*	*	(m)	
092	57	30.16 N	168	18.25 W	8	Oct	07	11	39	4.9	.	22			252	12				72	70m 41

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 67 m
SEC COND SN	✓ PAR S/N _	✓ FLUOR S/N _	✓ Oxygen		✓ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	N_2 ~~Other~~
1	67							D1		175	176	115
2	50							D2	✓			
3	40							D3	✓			
4	30							D4	✓			
5	20							D5	✓			
6	10							D6	✓			
7	0							D7	✓			116
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		95-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
	93	57 30.07 N	167 39.88 W		80	Oct	07	1409		4.3	.	21			262	7				7270	M43

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	N2 ~~Other~~
1	67							E1		179	181	117
2	50							E2				
3	40							E3				
4	30							E4				
5	20							E5				
6	10							E6				
7	0						*245	E7				118
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		96-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb) *	*		(deg)	(m/s)	*	*	*	(m)	
	94 5731.28 N	167 02.20 W	8 Oct 07	1627	4.2	.	21			230	6				71 70 M45	

SBE 9+ /	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ **Cleaned air bleed valve**
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _ ☑ FLUOR S/N . ☑ Oxygen		☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	65							F1		190	193	119
2	50							F2				
3	40							F3				
4	30							F4				
5	20							F5				
6	10							F6				
7	0							F7				120
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		97-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
095	57 26.19 N	166 30.65 W	08 Oct 07	1858	3.9	.	21			224	6				7070 m	47

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 64 m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	64						252	G1		195	197	121
2	50							G2	✓			
3	40							G3	✓			
4	30							G4	✓			
5	20							G5	✓			
6	10							G6	✓			
7	0							G7	✓			122
8												
9												
10												
11												
12												

PG ___ OF ___

"Normal" color

pc
ex skeletonema

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		98-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
096	57	19.25 N	166	00.70 W	080	ct	07	20	90	3.8	.	20	2		237	05	3	6	1	69	70M49

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 62 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2 ml	N2 Other
1	62						(257)	A11		200	202	123
2	50							A12	✓			
3	40							A13	✓			
4	30							A14	✓			
5	20							A15	✓			
6	10							A16	✓			
7	0							A17	✓			124
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		99-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
97	57	06.44 N	165	36.81 W	8	Oct	07	23	10	3.7	.	193	3		234	07	7	7	1	71	70m51

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal (250 ml pumps)	Nutr	Chl	O2	O2-T	Other
1	65						250	B11		207		211
2	50							B12	✓			
3	40							B13	✓			
4	30							B14	✓			
5	20							B15	✓			
6	10							B16	✓			
7	0							B17	✓			
8												
9												
10												
11												
12												

N_2 125

126

"Normal" color

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		100-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
98	56	51.55 N	165	07.28 W	8	Oct	07	01	41	3.4	.	172			167	08	7	6	1	75	70m53

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 67 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	N_2
1	~~67~~						266	E11		212		213	127
2	50							E12	✓				
3	40							E13	✓				
4	30							E14	✓				
5	20							E15	✓				
6	10							E16	✓				
7	0							E17	✓				128
8													
9													
10													
11													
12													

"Nuemal" color

PG ___ OF ___

sum + altocum? Cirro?

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		101 - 1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb) *	*		(deg)	(m/s)	*	*	*	(m)	
99	56 54.54 N	164 49.54 W	9 Oct 07	0321	3.4	.	1013			156	5	3	3	1	73	70MS4

SBE 9+	TIMES	JD/TIME	DATA LOCATION	REMARKS?
PRESS SN	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen	☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	67							A1		214		216
2	50							A2	✓			
3	40							A3	✓			
4	30							A4	✓			
5	20							A5	✓			
6	10							A6	✓			
7	0						(2381)	A7	✓			
8												
9												
10												
11												
12												

No Nuts

cirrus
~~alt~~ hor cumulus, f

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		102-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
10	56	51.20	N	164	34.36	W	9	Oct	07	0435		3.5	.	143			112	09	6		1	74	70M55

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	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen

REMARKS
pcloud

☐ **Cleaned air bleed valve**
MAX. DEPTH = 68 m
☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal (244)	Nutr	Chl	O2	O2-T	O2 Other	N_2
1	68						244	131		219		220	129
2	50							132	✓				
3	40							133	✓				
4	30							134	✓				
5	20							135	✓				
6	10							136	✓				
7	0							137	✓				130
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		103-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
101	56	46.01 N	164	19.98 W	90	Oct	07	06	15	3.6	.	134			099	13				75	M2W

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		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 67 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen ☒ TRANS. S/N ___

REMARKS also 70m56

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	O2 Other	N_2
1	67							C1		222		233	131
2	50							C2	✓				
3	40							C3	✓				
4	30						256	C4	✓				
5	20							C5	✓				
6	10							C6	✓				
7	0							C7	✓				132
8													
9													
10													
11													
12													

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		104-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
1	02	57 00.75 N	164	12.78 W	9	Oct	07	08	42	3.6	.	11			101	17				70	M2N

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	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen

REMARKS

☐ Cleaned air bleed valve

MAX. DEPTH = m

☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	64							D1		234	235	
2	50							D2	✓			
3	40							D3	✓			
4	30							D4	✓			
5	20							D5	✓			
6	10							D6	✓			
7	0						*262	D7	✓			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		105-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
103	56	51.50 N	164	02.10 W	09	Oct	07	1033		4.0	.	09			090	19				73	M2

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 67 m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	67							E1		236	243	153
2	50							E2				
3	40							E3				
4	30							E4				
5	20							E5				
6	10							E6				
7	0							E7				154
8												
9												
10												
11												
12												

Q

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		106-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
104	56	47.27 N	163	57.60W	09	Oct	07	12	28	4.5	.	07			082	23				7470	MS8

SBE 9+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 67 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N . ☐ Oxygen	☐ TRANS. S/N

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	67						237	F1		003	032	135
2	50							F2				
3	40							F3				
4	30							F4				
5	20							F5				
6	10							F6				
7	0							F7				136
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		107-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
105	56	40.102 N	163	52.06 W	09	Oct	07	1407		5.3	.	05			098	21				77	m2-S

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	Primary sensors look like they sucked up A jellyfish. Use secondary
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N .	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	70							G1		037	039	
2	50							G2	✓			
3	40							G3	✓			
4	30							G4	✓			
5	20							G5	✓			
6	10							G6	✓			
7	0							G7	✓			
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		108-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
106	56	56.54 N	163	49.96 W	09	Oct	07	16	21	4.8	.	05			082	22				71	M2-E

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 65 m
SEC COND SN	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	65							A11		52	59	
2	50							A12				
3	40							A13				
4	30							A14				
5	20							A15				
6	10							A16				
7	0							A17				
8												
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		109 -1

CONS C CAST #	LATITUDE		LONGITUDE		DATE JD=			TIME (GMT)		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	kts WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	~~(m/s)~~	*	*	*	(m)	
107	57	38.23 N	163	16.57 W	9	Oct	07	21	17	4.9	.	074			093	18	3		1	47	SE B1 5

SBE 9+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = 40 m
SEC COND SN	☒ PAR S/N _ ☒ FLUOR S/N _ ☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other	
1	40						243	B11		060	088		N2 137
2	30							B12					
3	20							B13					
4	10							B14					
5	0							B15					
6													
7													
8													
9													
10													
11													
12													

Camulus

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		110-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
10	57	22.99 N	163	31.68 W	9	Oct	07	23	12	4.8	.	06	4		087	19	3	8	1	53	SEB14

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	67
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen		☒ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	45							C11	?			
2	40							C12	✓			
3	30							C13	✓			
4	20							C14	✓			
5	10							C15	✓			
6	0						249	C16	✓			
7												
8												
9												
10												
11												
12												

No 132

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		111 - 1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1	09	57.84 N	163	47.87 W	10	Oct	07	01	04	4.5	.	064			078	13	7	6	1	67	SG813

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N .	☐ Oxygen		☐ TRANS. S/N

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	60							011				
2	50							012	✓			
3	40							013	✓			
4	30							014	✓			
5	20							015	✓			
6	10						2511	016	✓			
7	0							017	✓	91		92
8												
9												
10												
11												
12												

N_2 139

different samplers mandy parker

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		112-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
1	10 56 33.82 N	164 54.26 W	10 Oct 07	0559	4.5	.	073			062	13				795	EBL 0

SBE 9+	**TIMES** JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON	Tape/Diskette ID File Name/Header	
PRI TEMP SN	START DOWN		
SEC TEMP SN	AT DEPTH		☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE		MAX. DEPTH = m
SEC COND SN	☐ PAR S/N _ ☐ FLUOR S/N _ ☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER						
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	O_2 Other	N_2
1	75						261	A1		93		97	140
2	50		NO TRIP					A2	✓				
3	40							A3	✓				
4	30	NO						A4	✓				
5	20							A5	✓				
6	10							A6	✓				
7	0							A7	✓				141
8													
9													
10													
11													
12													

Ray did O_2

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		113-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
111	56	25.30N	165	18.17W	100	Oct	07	08	01	4.4	.	07			090	11				85	SE-B09

SBE 9+	**TIMES**	JD/TIME	**DATA LOCATION**	**REMARKS**
PRESS SN	DATA ON		Tape/Diskette ID / File Name/Header	
PRI TEMP SN	START DOWN			
SEC TEMP SN	AT DEPTH			☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE			MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N .	☒ Oxygen	☒ TRANS. S/N

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	80						267	B1				
2	50							B2	✓			
3	40							B3	✓			
4	30							B4	✓			
5	20							B5	✓			
6	10							B6	✓			
7	0							B7	✓			
8												
9												
10												
11												
12												

N_2 142

43

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		114-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
112	56	16.69 N	165	42.03 W	100	Oct	07	1007		4.6	.06				100	10				93	SEBO8

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 86 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	N_2 Other
1	86							C1				144
2	70							C2				
3	50							C3	/			
4	40							C4	/			
5	30							C5	/			
6	20							C6	/			
7	10							C7	/			
8	0							C8	/			145
9												
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		115-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1	13	56.08.22 N	166	06.20 W	100	Oct	07	1146		5.0	.	05			109	11				110	SEB07

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN ___	DATA ON	___	Tape/Diskette ID	File Name/Header	
PRI TEMP SN ___	START DOWN	___	___	___	
SEC TEMP SN ___	AT DEPTH	___	___	___	☐ Cleaned air bleed valve
PRI COND SN ___	AT SURFACE				MAX. DEPTH = m
SEC COND SN ___	☑ PAR S/N _	☑ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N ___

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Nr Other
1	105							D1				146
2	75							D2				
3	50							D3	✓			
4	40							D4	✓			
5	30							D5	✓			
6	20							D6	✓			
7	10							D7	✓			
8	0						*51	D8	✓			147
9												
10												
11												
12												

Only filtered top 2 m.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		116-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1	14	55.59 N	166	30.62 W	100	Oct	07	1407		5.9	.	03			130	13				128	SEB06

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☑ PAR S/N _	☐ FLUOR S/N _	☑ Oxygen		☑ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	124						* 38	E1				148
2	100							E2				
3	75							E3				
4	50							E4				
5	40							E5				
6	30							E6				
7	20							E7				
8	10							E8				
9	0							E9				149
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		117-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE MO	DATE YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1	55	51.02 N	166	54.43 W	10	Oct	07	1605		6.1	.	01			151	18				135	SE BOS

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	Vents open on All bottles.
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 130 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	130							F1				150
2	100							F2				
3	75							F3				
4	50							F4	✓			
5	40							F5	✓			
6	30							F6	✓			
7	20							F7	✓			
8	10							F8	✓			
9	0							F9	✓			151
10												
11												
12												

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		118-1

CONS C 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	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
116	55	41.99 N	167	18.26 W	100	Oct	07	18	28	6.0	.	918			161	20				137	SE304

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	130						*39	G1				152
2	100							G2				
3	75							G3				
4	50							G4	/			
5	40							G5	/			
6	30							G6	/			
7	20							G7	/			
8	10							G8	/			
9	0							G9	/			153
10												
11												
12												

cloudy 5 heaters 5-cum.

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 11		119-1

CONS C 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	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	*	*	(deg)	(m/s)	*	*	*	(m)	
1	17 55 33.36 N	167 42.06 W	100 Oct 07	2025	6.2	.	964			149	22	8	6	2	138	SEB03

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 130 m
SEC COND SN	☐ PAR S/N _	☐ FLUOR S/N _	☐ Oxygen		☐ TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER					
		PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	Salinity	Sal	Nutr	Chl	O2	O2-T	Other
1	130							A11				
2	100							A12				
3	75							A13				154
4	50							A14	✓			
5	40					Rerun	40	A15	✓			
6	30							A16	✓			
7	20							A17	✓			
8	10							A18	✓			
9	0							A19	✓			155
10												
11												
12												

N2 154 155

5 kt cut cloudy

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		120-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY	DATE JD= MO	DATE JD= YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1	18	55.25.96 N	168	3.65 W	10	Oct	07	22	43	6.0	.	934			151	23	8	7	2	203	SE802

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	[X] PAR S/N _	[X] FLUOR S/N _	[X] Oxygen

REMARKS

[ ] Cleaned air bleed valve

MAX. DEPTH = 195 m

[X] TRANS. S/N _____

POS	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	SAMPLE BOTTLE NUMBER: Sal	Nutr	Chl	O2	O2-T	Other
1	195							B11				
2	175						41	B12				
3	150							B13				
4	125							B14				
5	100							B15				
6	75							B16				
7	50	J						B17	✓			
8	40							B18	✓			
9	30							B19	✓			
10	20							B20	✓			
11	10							B21	✓			
12	0	J						B22	✓			

N_2

156

157

sheat dri336

VESSEL		PROJECT & LEG	DSDB I.D.	STATION DESIGNATION
RV TG Thompson		T N 2 1 1		121-1

CONS C CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE JD= DAY (10)	DATE MO	DATE YR	TIME (GMT) HR (2345)	TIME MIN	DRY BULB (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
1	19	55 22.33 N	168	10.63 W	10	Oct	07	2355		6.4	.	91	4		148	18	8	7	5	514	SEB01

SBE 9+	TIMES	JD/TIME	DATA LOCATION		REMARKS
PRESS SN	DATA ON		Tape/Diskette ID	File Name/Header	
PRI TEMP SN	START DOWN				
SEC TEMP SN	AT DEPTH				☐ Cleaned air bleed valve
PRI COND SN	AT SURFACE				MAX. DEPTH = 500 m
SEC COND SN	☒ PAR S/N _	☒ FLUOR S/N _	☒ Oxygen		☒ TRANS. S/N _____

POS.	TRIP DEPTH	CTD CONVERTED MONITOR VALUES: PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SAMPLE BOTTLE DATA: Salinity	Sal	SAMPLE BOTTLE NUMBER: Nutr	Chl	O2	O2-T	Other
1	500							E11				
2	400							E12				
3	300							E13				
4	200							E14				
5	150	No Sal or nutrients						E15				
6	100							E16				
7	75							E17				
8	50						(42)	E18	✓			
9	40							E19	✓			
10	30							E20	✓			
11	20							E21	✓			
12	10							E22	✓			
13	0							E23	✓			

N_2

158
(58)

159