

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION													
R/V Thomas G. Thompson		TN193		ICE06		1TT06		SPW													
CONSC	CST #	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)	(kts)	*	*	*	(m)		
064	57	08	11	17	03	88	9	2	20	49	-6.3			16		34	6	25	074	SPW	
SBE 9+		N		TIMES		JD/TIME		REMARKS													
PRESS SN				DATA ON				PAR on Bridge (μEinsteins m-2s-1) = 330.0 μE/m²/s													
PRF TEMP SN				START DOWN																	
SEC TEMP SN				AT DEPTH																	
PRI COND SN				AT SURFACE																	
SEC COND SN				PAR S/N				FLUOR S/N				MAX. DEPTH = m									
SEQ.	DEPTH	ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.	Phyto. Species	ALK (MC)	DIC (MC)	COMMENTS									
1	70.5			28		29															
2	60.5																				
3	50.7			30		✓															
4	41.0			31		✓			✓			D29									
5	30.4			32		✓															
6	20.2			33		✓															
7	10.3			34		✓			✓												
8	2.9			35		✓															
9																					
10																					
11																					
12																					
bucket																					

[illegible]

[illegible]

REMARKS	Production Coats
MAX. DEPTH =	2nd of 2 coats

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
R/V Thomas G. Thompson		TN193		ICE06		11T06													
CONSC CAST #	22.18	LATITUDE	34.26	DATE	JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPO.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
46958	20.19 N	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	124	D4H2
SBE 9+ TIMES JD/TIME																			
PRESS SN	DATA ON																		
PRI TEMP SN	START DOWN																		
SEC TEMP SN	AT DEPTH																		
PRI COND SN	AT SURFACE																		
SEC COND SN	PAR S/N																		
FLUOR S/N																			
SAMPLE BOTTLE NUMBERS																			
FIRED	DEPTH	ROSETTE POSITION		SALT	NUTRIENTS	CHL. Bot. no.	Phyto. Species	ALK (MC)	DIC (MC)	COMMENTS									
SEQ.	DESIRED																		
1	bot	116.4		85	30					L15a SL16a									
2	160	168.9			31														
3	75	75.8			32														
4	60	66.4			33														
5	50	56.4			34														
6	40	46.5			85														
7	30	36.3			36														
8	26	26.3			37														
9	10	16.3			38														
10	0	2.8			39														
11																			
12																			
bucket																			

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION			
CONSC CAST #		23.98 LATITUDE		39.98 LONGITUDE		DATE JD=		0959 TIME (GMT)		0413 STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)
07	05	23	09	11	03	06	10	05	-4.7	.	20
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μEinstein m-2s-1) =		REMARKS			
PRESS SN		DATA ON									
PRI TEMP SN		START DOWN									
SEC TEMP SN		AT DEPTH									
PRI COND SN		AT SURFACE									
SEC COND SN		PAR S/N		FLUOR S/N				MAX. DEPTH = m			
FIRE	DEPTH	ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species	
SEQ.	DESIRED										
1	bot	114.7				40					
2	160	101.2				41					
3	75	75.9				42					
4	66	66.6				43					
5	50	50.4				44					
6	40	39.9				45					
7	30	28.5				46					
8	20	19.7				47					
9	10	14.1				48					
10	0	3.1				49					
11											
12											
bucket											

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
R/V Thomas G. Thompson		TNI 93		ICE06		1TT06														
CONSC CAST #	16.51 LATITUDE	56.01 LONGITUDE	DATE JD=		1216 TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
071	5816.98	N	17356	05	W	30	A	P	R	0	6	1222	4.8				125	0444		
SBE 9+ _____ TIMES _____ JD/TIME _____																				
PRESS SN _____		DATA ON _____		PAR on Bridge (µEinsteins m-2s-1) = _____																
PRI TEMP SN _____		START DOWN _____																		
SEC TEMP SN _____		AT DEPTH _____																		
PRI COND SN _____		AT SURFACE _____																		
SEC COND SN _____		PAR S/N _____		FLUOR S/N _____		MAX. DEPTH = _____ m														
SEQ.	DEPTH	ROSETTE POSITION		SAMPLE BOTTLE NUMBERS														COMMENTS		
1	bat	119.7	86	50																
2	100	141.0	51	52																
3	75	75.9	53	54																
4	60	60.2	55	56																
5	50	50.5	57	58																
6	40	40.5	59																	
7	30	30.7																		
8	20	20.7																		
9	10	10.1																		
10	0	3.2																		
11																				
12																				
bucket																				

[illegible]

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION D4H2																																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID																	
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		°C		°C		(mb)		*		*		(deg)		(kts)		*		*		(m)													
35		27		17		34		84		W		30		A		P		R		0		6		1		8		25		-6		.2						16		043		28				123		D4H2	
SBE 9+				TIMES		JD/TIME																																											
PRESS SN				DATA ON																																													
PRI TEMP SN				START DOWN																																													
SEC TEMP SN				AT DEPTH																																													
PRI COND SN				AT SURFACE																																													
SEC COND SN				PAR S/N																																													
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyco. Species		ALK (MC)		DIC (MC)																																	
SEQ.		DESIRED																																															
1																																																	
2																																																	
3																																																	
4																																																	
5																																																	
6																																																	
7																																																	
8																																																	
9																																																	
10																																																	
11																																																	
12																																																	
bucket																																																	

10 samples for #1 of 2
Prepared for

Production CTB pair
1st of 2

VESSEL R/V Thomas G. Thompson		CRUISE ID TNI 93		PROJECT & LEG ICE06				DSDB I.D. 1TT06		STATION DESIGNATION D4H2																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
074		5827.92N		17335.16W		30 APR 06		1840-6.3												41		27								123		D4H2	
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N																															
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																	
SEQ.		DESIRED																															
1		116.8				88		✓																									
2		101.1						2✓																									
3		75.7						3✓																									
4		60.1						4✓																									
5		50.1						5✓																									
6		40.5						6✓																									
7		30.3						7✓																									
8		20.6						8✓																									
9		10.0						9✓																									
10		2.9						10✓																									
11																																	
12																																	
bucket																																	

REMARKS
Production CTD pair
2nd of 2
Within 9, 10 top 500m down
MAX. DEPTH = m not fully closed

VESSEL		CRUISE ID		PROJECT & LEG		OSDB I.D.		STATION DESIGNATION																
R/V Thomas G. Thompson		TN193		ICE06		1TT06		21H1																
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
075519	32	45	17	40	33	W	01	17	27	-7.3			36	13				146	21H1					
SBE 9+		DEG		MIN	DEG		MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
PRESS SN					TIMES		JD/TIME		PAR on Bridge (μEinsteins m-2s-1) = 040												REMARKS			
PRI TEMP SN					DATA ON																			
SEC TEMP SN					START DOWN																			
PRI COND SN					AT DEPTH																			
SEC COND SN					AT SURFACE																MAX. DEPTH = m			
PAR S/N					FLUOR S/N																			
SEQ.	DESIRED	ROSETTE POSITION			SALT	NUTRIENTS	CHL. Bot. no.	Phyto. Species	ALK (MC)	IDC (MC)	LOGS				COMMENTS									
1	138.4					11																		
2	126.2					12																		
3	100.8					13																		
4	75.7					14																		
5	60.7					15																		
6	50.6					16																		
7	40.5					17																		
8	30.2					18																		
9	20.1					19																		
10	10.0					20																		
11	2.7					21																		
12																								
bucket																								

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06				DSDB I.D. 1TT06		STATION DESIGNATION E1H2																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD = 01-May-2006		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN. <i>Av</i>		WIND SPD. <i>Av</i>		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
07659		37.62 N		17638.53 W		01 MAY 06		21 43 - 6.7		. . .		16		34		15		141		E1H2													
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N																															
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																	
SEQ.		DESIRED																															
1																																	
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	
bucket																																	

PAR on Bridge (μ einsteins m-2s-1) = 325

MAX. DEPTH = m

FLUOR S/N

SAMPLE BOTTLE NUMBERS

COMMENTS

No Samples

Double CTD - production

1 of 2

REMARKS
Double CTA - Absorbance 2nd of 2 products

[illegible]

[illegible]

55
7
30

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION					
CONSC CAST #		32.85		23.52		1345		TIME (GMT)		156		STA. NAME/ID	
LATITUDE		DEG		MIN		DEG		MIN		DATE		JD=	
32.85		159		32		18		1N		177		23	
LONGITUDE		DEG		MIN		DAY		MO		YR		HR	
23.52		23		41		W		02		2006		1352	
TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.	
1345						15						431	
WIND SPD.		WIND CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID		E2H4	
431													
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ einsteins m-2s-1) =		REMARKS					
PRESS SN		DATA ON											
PRI TEMP SN		START DOWN											
SEC TEMP SN		AT DEPTH											
PRI COND SN		AT SURFACE											
SEC COND SN		PAR S/N		FLUOR S/N								MAX. DEPTH = m	
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species	
SEQ.		DESIRED										ALK (MC)	
1		6ft		147		9		22				DIC (MC)	
2		125		125.9				23					
3		100		101.2				24					
4		75		75.6				25					
5		60		60.9				26					
6		40		40.3				27					
7		30		30.6				28					
8		20		20.2				29					
9		10		10.1				30					
10		0		3.0				31					
11													
12													
bucket													

NO Bot 32 -
Skip 33 to start at 44
(next available sea.)

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION																																							
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID															
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		°C		°C		(mb)		*		*		*		(deg)		(kts)		*		*		*		(m)							
082		59		28		98		N		177		35		09		W		06		15		59		-5		.8						15		17		18		22		1		2		4		5	
SBE 9+																																															
PRESS SN																																															
PRI TEMP SN																																															
SEC TEMP SN																																															
PRI COND SN																																															
SEC COND SN																																															
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																															
SEQ.		DESIRED																																													
1		215.2				10		41																																							
2		202.1						45						33																																	
3		176.8						46																																							
4		151.1						47																																							
5		127.1						48						32																																	
6		100.9						49																																							
7		75.1						50						31																																	
8		59.9						51																																							
9		50.6						52						30																																	
10		40.3						53																																							
11		30.2						54																																							
12		19.9						55						22																																	
13		10.3						56						29																																	
14		3.2						57						28																																	

1 - 1.5
 50 32.4, 32.8
 25m 130

14
15

VESSEL R/V Thomas G. Thompson		CRUISE ID TNI 93		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
084		59.24		177.38		02 MAY 2006		21 01 -14.8		15		15		001		18		299		E2H6													
SBE 9+		DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		°C		°C		(mb)		*		*		*		(m)	
PRESS SN						TIMES		JD/TIME																									
PRI TEMP SN						DATA ON																											
SEC TEMP SN						START DOWN																											
PRI COND SN						AT DEPTH																											
SEC COND SN						AT SURFACE																											
FRIED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. BOC. NO.		Phyco. Species		ALK (MC)		DIC (MC)																	
SEQ.		DESIRED																															
1		292.0						58																									
2		252.5						59																									
3		202.3						60																									
4		176.2						61																									
5		151.6						62																									
6		100.6						63																									
7		75.9						64																									
8		60.4						65																									
9		50.6						66																									
10		40.7						67																									
11		30.3						68																									
12		20.3						69																									
13		10.1						70																									
14		2.8						71																									

REMARKS
2nd 92 CTN's

MAX. DEPTH = m

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION																									
CONSC CAST #		21.01 LATITUDE		52.51 LONGITUDE		DATE JD = 0921		TIME (GMT) 0921		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE *		VISIBILITY *		WIND DIRN. (deg)		WIND SPD. (kts)		CLOUD (amt) *		TYPE *		WEATHER		BOTTOM DEPTH (m)		STA. NAME/ID	
0855921.01 N		12752.51 W		03 MAY 06		0930		-2.2		.14		14		03416		510																	
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N		FLUOR S/N																													
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																	
SEQ.		DESIRED																															
1		bot		275.2		13		72																									
2		200		201.6				73						36																			
3		150		151.1				74																									
4		125		126.2				75						37																			
5		160		101.2				76																									
6		75		75.2				77						38																			
7		60		60.5				78																									
8		40		40.7				79						39																			
9		30		29.9				80																									
10		20		19.6				81						40																			
11		10		9.9				82																									
12		0		3.5				83						41																			
bucket																																	

PAR on Bridge (μ Einsteins m-2s-1) =
 problems with Sec a on depth sensor
 actual depth is 510m

MAX. DEPTH = m

VESSEL R/V Thomas G. Thompson		CRUISE ID TM193		PROJECT & LEG ICE06		DSDR I.D. 1TT06		STATION DESIGNATION			
CONSC CAST #		18.71 LATITUDE		46.02 LONGITUDE		DATE JD=		TIME (GMT)		1142	
DEG		MIN		DEG		MIN		DAY		MO	
08		59		18		71		N		17	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m ⁻² s ⁻¹) =		REMARKS			
PRESS SN		DATA ON						139 68601, dat			
PRI TEMP SN		START DOWN						larger with higher fluorescence between			
SEC TEMP SN		AT DEPTH						45±80, max fl at surface			
PRI COND SN		AT SURFACE						MAX. DEPTH = m			
SEC COND SN		PAR S/N		FLUOR S/N							
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.	
SEQ.		DESIRED								PHYTO. SPECIES	
1		6.5		320.9		1					
2		25.0		252.5		2					
3		26.0		201.8		3					
4		15.0		151.2		4					
5		12.5		125.6		5					
6		-10.0		100.7		6					
7		7.5		75.1		7					
8		6.0		60.5		8					
9		4.0		39.8		9					
10		3.0		30.2		10					
11		2.0		20.1		11					
12		1.0		9.8		12					
bucket		0		3.3		13					

[illegible]

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06				DSOB I.D. 1TT06				STATION DESIGNATION																					
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
488		39 13.97 N		177 16.34 W		178 06		1658-3.1		13		13		35		19		158															
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N																															
FIRED DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																			
SEQ.		DESIRED																															
1																																	
2																																	
3																																	
4																																	
5																																	
6																																	
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	
bucket																																	

REMARKS
15892 1st sample
2nd sample on KCS
MAX. DEPTH = m

15892 CTDs

15892 CTDs

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION E3H4																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
0895913.92N		17716.50W		03 MAY 06		1716-3.1		13		3419		158		E3H4																			
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) = 165		REMARKS		2nd 22 CTD's		(production/absorption)																					
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N		FLUOR S/N																													
FIRED DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																			
SEQ. DESIRED																																	
1 155.6						24						54																					
2 126.4						25																											
3 101.2						26																											
4 76.0						27						53																					
5 60.1						28																											
6 50.7						29						52																					
7 40.2						30																											
8 29.8						31																											
9 25.4						32						51																					
10 20.3						33																											
11 9.9						34						50																					
12 3.1						35						49																					
bucket																																	

0
10
20
25
30
40
50
60
75
100
125

VESSEL		CRUISE ID		PROJECT & LEG		STATION DESIGNATION	
R/V Thomas G. Thompson		TN193		ICE06		DSDB I.D. 1TT06	
CONSC CAST #		23.79 LATITUDE		33.82 LONGITUDE		DATE JD =	
0905923.82N		17733.90W		04MAR 2006		0538 TIME (GMT)	
SBE 9+		DEG		MIN		DAY	
PRESS SN		DEG		MIN		YR	
PRI TEMP SN		START DOWN		AT DEPTH		AT SURFACE	
SEC TEMP SN		AT DEPTH		AT SURFACE		PAR S/N	
PRI COND SN		AT SURFACE		FLUOR S/N		SAMPLE BOTTLE NUMBERS	
SEC COND SN		PAR S/N		FLUOR S/N		SAMPLE BOTTLE NUMBERS	
FIRED		DEPTH		ROSETTE POSITION		SALT	
DESIRED		ROSETTE POSITION		SALT		NUTRIENTS	
1		218.2		36		CHL. Bot. no.	
2		151.3		37		Phyto. Species	
3		140.9		38		ALK (MC)	
4		75.9		39		DIC (MC)	
5		60.6		40		COMMENTS	
6		50.5		41			
7		40.4		42			
8		25.3		43			
9		24.3		44			
10		9.7		45			
11		2.7		46			
12							
bucket							

VESSEL R/V Thomas G. Thompson		CRUISE ID TNI193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION							
CONSC CAST #		24.42 LATITUDE		45.66 LONGITUDE		DATE JD= 0816		TIME (GMT)		0816		0455 BOTTOM DEPTH		E442 STA. NAME/ID	
DEG		MIN		DEG		MIN		DAY		MO		YR		HR	
09		15		24		02		N		17		45		71	
W		44		MAY		06		08		26		16		11	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) =		REMARKS		LISA's ACS not blinking on recovery		MAX. DEPTH =		m	
PRESS SN		DATA ON		START DOWN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		SAMPLE BOTTLE NUMBERS	
PRI TEMP SN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		SAMPLE BOTTLE NUMBERS		COMMENTS			
SEC TEMP SN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		SAMPLE BOTTLE NUMBERS		COMMENTS			
PRI COND SN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		SAMPLE BOTTLE NUMBERS		COMMENTS			
SEC COND SN		AT DEPTH		AT SURFACE		PAR S/N		FLUOR S/N		SAMPLE BOTTLE NUMBERS		COMMENTS			
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)	
SEQ.		DESIRED		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)	
1		300		300		17		117							
2		250		252.5				48							
3		200		200				49							
4		150		150				50							
5		125		125				51							
6		100		100				52							
7		75		74.8				53							
8		50		50.3				54							
9		40		40.6				55							
10		30		30.3				56							
11		20		20.1				57							
12		10		10.1				58							
bucket		0		2.6				59							

VESSEL R/V Thomas G. Thompson		CRUISE ID TNI 193		PROJECT & LEG ICE06		DSOB I.D. 1TT06		STATION DESIGNATION																							
CONSC CAST #		21.14 LATITUDE		53.31 LONGITUDE		DATE JD= 1033 TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE *		VISIBILITY *		WIND DIRN. (deg)		WIND SPD. (kts)		CLOUD (amt) *		TYPE *		WEATHER *		BOTTOM DEPTH (m)		STA. NAME/ID	
0925921.12 N		17753.38 W		04 MAY 06		1042-6.5		5		.		03		*		438		15		*		*		*		E4H3		E4H3			
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μEinstein m-2s-1) =		REMARKS																							
PRESS SN		DATA ON																													
PRI TEMP SN		START DOWN																													
SEC TEMP SN		AT DEPTH																													
PRI COND SN		AT SURFACE																													
SEC COND SN		PAR S/N				FLUOR S/N																									
FRIED DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyco. Species		ALK (MC)		DIC (MC)		COMMENTS															
SEQ.		DESIRED																													
1		2366		300		18		60																							
2		250		250				61																							
3		260		200				62																							
4		150		150				63																							
5		125		125				64																							
6		100		100				65																							
7		75		75				66																							
8		50		51.6				67																							
9		46		44.8				68																							
10		36		36.4				69																							
11		20		20.4				70																							
12		10		14.1				71																							
bucket		0		3.3				72																							

164

VESSEL		CRUISE ID		PROJECT & LEG		OSDB I.D.		STATION DESIGNATION															
R/V Thomas G. Thompson		TN193		ICE06		1TT06																	
CONSC CAST #	DEG	MIN	SEC	LATITUDE	DEG	MIN	SEC	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	
18.44	17	59	18.41	N	17	59	18.41	W	17	59	18.41	W	17	59	18.41	W	17	59	18.41	W	17	59	18.41
SBE 9+	TIMES																						
PRESS SN	DATA ON																						
PRI TEMP SN	START DOWN																						
SEC TEMP SN	AT DEPTH																						
PRI COND SN	AT SURFACE																						
SEC COND SN	PAR S/N																						
FIRE	DEPTH	ROSETTE POSITION		SALT	NUTRIENTS	CHL. Bot. no.	Phyto. Species	ALK (MC)	DIC (MC)	COMMENTS													
1	~366	300		1	1	1	1	1	1	1													
2	250	252.9		2	2	2	2	2	2	2													
3	200	202.4		3	3	3	3	3	3	3													
4	150	151.6		4	4	4	4	4	4	4													
5	100	100.7		5	5	5	5	5	5	5													
6	75	76.4		6	6	6	6	6	6	6													
7	50	50.2		7	7	7	7	7	7	7													
8	40	40.0		8	8	8	8	8	8	8													
9	30	30.2		9	9	9	9	9	9	9													
10	20	20.2		10	10	10	10	10	10	10													
11	10	9.8		11	11	11	11	11	11	11													
12	0	2.7		12	12	12	12	12	12	12													
bucklet																							

[illegible]

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION																									
CONSC CAST #		LATITUDE 38.47		LONGITUDE 63.45		DATE JD= 45 MAY 06		TIME (GMT) 0723		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE *		VISIBILITY *		WIND DIRN. (deg)		WIND SPD. (kts)		CLOUD (amt) *		TYPE *		WEATHER *		BOTTOM DEPTH (m)		STA. NAME/ID	
6955938.47 N		178347.47 W		45 MAY 06		0723		-5.4						96				01224														E501RD	
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N																															
		FLUOR S/N																															
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto-Species		ALK (MC)		DIC (MC)																	
SEQ.		DESIRED																															
1		6.0		160		195		24																									
2		125		125				25																									
3		160		160				26																									
4		75		75.5				27.4																									
5		60		60.6				28.4																									
6		40		40.4				29.4																									
7		30		30.3				30.4																									
8		20		20.1				31.4																									
9		10		10.4				32.4																									
10		0		2.8				33.4																									
11																																	
12																																	
bucket																																	

REMARKS not on same line as others on E5

 PAR on Bridge (μEinstiens m-2s-1) =
 not online with rest of E5's
 bird station
 steps in p at 8 + 18m

 observed gull eating fish
 possibly eulachon

[illegible]

[illegible]

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06				DSDB I.D. 1TT06		STATION DESIGNATION at m4			
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		(°C)		(°C)		(mb)	
098 57 49.01 N		168 49.44 W		07 MAY 06		17 49		-4.9		.9		.98	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) = 181		REMARKS		Cast 192 - Production		No samples	
PRESS SN		DATA ON											
PRI TEMP SN		START DOWN											
SEC TEMP SN		AT DEPTH											
PRI COND SN		AT SURFACE											
SEC COND SN		PAR S/N		FLUOR S/N									
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species	
SEQ.		DESIRED								ALK (MC)		DIC (MC)	
1		1											
2		2											
3		3											
4		4											
5		5											
6		6											
7		7											
8		8											
9		9											
10		10											
11		11											
12		12											
bucket													

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION B4H1 at m4																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
099		5749.00 N		16849.44 W		07 MAY 06		1803-4.8			78		* *		* *		278		13		* *		* *		073		B4H1			
DEG MIN		DEG MIN		DAY MO YR		HR MIN		('C)		('C)		(mb)		* *		(deg)		(kts)		* *		* *		(m)									
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N		FLUOR S/N																													
FIRED DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)																			
SEQ. DESIRED																																	
1		67.8				199		12																									
2		50.2						13																									
3		40.1						14																									
4		30.2						15																									
5		20.3						16																									
6		10.3						17																									
7		3.2						18																									
8																																	
9																																	
10																																	
11																																	
12																																	
bucket																																	

PAR on Bridge (μ Einsteins m-2s-1) = 159

REMARKS

Cast 2 of 2

Reduction

MAX. DEPTH = m

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION B4H2	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD-		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		DRY BULB	
1005804.88 N		16842.25 W		07 MAY 06		2144		4.3	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m ⁻² s ⁻¹) = 856		REMARKS	
PRESS SN		DATA ON						1st of 2 CTD	
PRI TEMP SN		START DOWN						production casts	
SEC TEMP SN		AT DEPTH						No samples - icy depths	
PRI COND SN		AT SURFACE						MAX. DEPTH = m	
SEC COND SN		PAR S/N		FLUOR S/N					
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS	
SEQ.		DESIRED				CHL. Bot. no.		Phyto. Species	
1						ALK (MC)		DIC (MC)	
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
bucket									

No Samples

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION B4H3																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		Ave WIND DIRN.		Ave WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
1025754		66 N		16853.12 W		08 MAR 2006		0058-3.5		98		26909		073		B4H3																	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) = 862		REMARKS																									
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N																															
FIRED DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		ALK (MC)		DIC (MC)		Lugols																	
SEQ. DESIRED																																	
1 65.9						27																											
2 60.5						28																											
3 50.6						29																											
4 40.0						30																											
5 30.3						31																											
6 20.0						32																											
7 9.9						33																											
8 3.0						34																											
9																																	
10																																	
11																																	
12																																	
bucket																																	

D45, P414
D44, P413

Underway from ice

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
R/V Thomas G. Thompson		TN193		ICE06		1TT06													
CONSC CAST #	28 43.42 28 43.61	20 43.68 20 44.94	DATE JD=		4723	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)	(kts)	*	*	(m)	
10557	28.72	N	169	20	75	W	48	M	A	Y	0	6	47	27	3	2		248	45
SBE 9+		TIMES		JD/TIME		REMARKS													
PRESS SN		DATA ON		PAR on Bridge (μEinstein m-2s-1) = 3.4															
PRI TEMP SN		START DOWN		ice near station															
SEC TEMP SN		AT DEPTH		short (> 1/4 mile long)															
PRI COND SN		AT SURFACE		MAX. DEPTH = m															
SEC COND SN		PAR S/N		FLUOR S/N															
FIRE	DEPTH	ROSETTE POSITION		SALT		NUTRIENTS	CHL. Bot. no.	Phyto. Species	Phyto. Slides	ALK (MC)	DIC (MC)	SAMPLE BOTTLE NUMBERS							
SEQ.	DESIRED											COMMENTS							
1	bat	67.3				9						Lisa samples							
2	50	50.4				10	✓			87		Big rounders w/ duet							
3	40	40.3				11	✓			86									
4	30	30.3				12	✓			85									
5	20	20.3				13	✓			84		✓							
6	10	9.8				14	✓			83									
7	0	2.5				15	✓			82		✓							
8																			
9																			
10																			
11																			
12																			
bucket																			

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06				DSD8 I.D. 11T06		STATION DESIGNATION					
CONSC CAST #		14.29		34.41		DATE JD=		0954				63		04H7	
LATITUDE		LONGITUDE		DATE		JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE	
DEG MIN		DEG MIN		DAY		MO		YR		HR		MIN		°C	
14 29 N		34 41 W		08		MAY		06		09		54		-2.7	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μEinsteins m ⁻² s ⁻¹) =		REMARKS		SEA STATE		VISIBILITY		WIND DIRN.	
PRESS SN		DATA ON								WIND SPD.		CLOUD (amt)		TYPE	
PRI TEMP SN		START DOWN								WIND		WEATHER		BOTTOM	
SEC TEMP SN		AT DEPTH								SPD.				DEPTH	
PRI COND SN		AT SURFACE								MAX. DEPTH =				m	
SEC COND SN		PAR S/N		FLUOR S/N											
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		Phyto. Slides	
SEQ.		DESIRED												ALK (MC)	
1		6±		57.3		243		16						DIC (MC)	
2		50		58.7				17							
3		40		39.9				18							
4		30		36.6				19							
5		20		19.8				20							
6		10		10.6				21							
7		0		2.4				22							
8															
9															
10															
11															
12															
bucket															

WATER COMMENTS

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION B5H1	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		DRY BULB	
107 57 29.99 N		168 00.00 W		08 MAY 06		1603 -2.5		WET BULB	
SBE 9+		TIMES		JD/TIME		PRESSURE		SEA STATE	
PRESS SN		DATA ON				(mb)		* *	
PRI TEMP SN		START DOWN				(deg)		WIND DIRN.	
SEC TEMP SN		AT DEPTH				(kts)		WIND SPD.	
PRI COND SN		AT SURFACE				75		8	
SEC COND SN		PAR S/N		FLUOR S/N		PAR on Bridge (μEinstein m-2s-1) = 28		REMARKS	
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS	
SEQ.		DESIRED		SALT		NUTRIENTS		CHL. Bot. no.	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
bucket									

No Samples

1st 2 CTDs
production
No Samples
MAX DEPTH = m

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION B5H1														
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	Ave WIND DIRN.	Ave WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
108	57	29.99	N	167	59.99	W	08	M	A	Y	0	6	16	14	-2.6			01	72	8	73	B5H1
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μEinstiens m-2s-1) = 29.0																
PRESS SN		DATA ON		REMARKS 2nd of 2 CTDs production																		
PRI TEMP SN		START DOWN																				
SEC TEMP SN		AT DEPTH																				
PRI COND SN		AT SURFACE																				
SEC COND SN		PAR S/N		FLUOR S/N																		
FIRE		DEPTH		SAMPLE BOTTLE NUMBERS																		
SEQ.	DESIRED	ROSETTE POSITION		SALT	NUTRIENTS	CHL. Bot. no.	Phyco-Species	Phyco-Slides	ALK (MC)	DIC (MC)	COMMENTS											
1	67.2				23																	
2	60.5				24																	
3	50.7				25				93													
4	39.9				26				92													
5	30.2				27				91			PL14, D47										
6	19.5				28				90													
7	10.4				29				89			PL13, D46										
8	3.5			204	30				88													
9																						
10																						
11																						
12																						
bucket																						

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION B5H2	
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	
DEG		MIN		DEG		MIN		DAY	
MO		YR		MO		YR		HR	
MIN		SEC		MIN		SEC		MIN	
11		05		74		0.58		19	
43		90		N		W		18	
								-2.4	
								.02	
								043	
								04	
								070	
								B5H2	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) = 363		REMARKS 2nd 12CTD - production	
PRESS SN		DATA ON							
PRI TEMP SN		START DOWN							
SEC TEMP SN		AT DEPTH							
PRI COND SN		AT SURFACE							
SEC COND SN		PAR S/N		FLUOR S/N				MAX. DEPTH = m	
FIRED		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS	
SEQ.		DESIRED						CHL. Bot. no.	
1		65.8				205		31	
2		60.6						32	
3		50.3						33	
4		40.2						34	
5		30.0						35	
6		24.9						36	
7		20.1						37	
8		15.0						38	
9		10.1						39	
10		2.8						40	
11									
12									
bucket									

010
10
20
25
30
40
50
60

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSDB I.D. 1TT06		STATION DESIGNATION B5H3																									
CONSC CAST #		LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)		DRY BULB		WET BULB		PRESSURE		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
111		5827.13 N		16706.37 W		09 MAY 06		0057-1.7		.04		072		04		049		85H3															
SBE 9+		TIMES		JD/TIME																													
PRESS SN		DATA ON																															
PRI TEMP SN		START DOWN																															
SEC TEMP SN		AT DEPTH																															
PRI COND SN		AT SURFACE																															
SEC COND SN		PAR S/N		FLUOR S/N																													
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS		CHL. Bot. no.		Phyto. Species		Phyto. Slides		ALK (MC)		DIC (MC)															
SEQ.		DESIRED																															
1		45.6						41																									
2		40.4						42		✓																							
3		30.3						43		✓																							
4		20.2						44		✓																							
5		10.1						45		✓																							
6		3.7						46		✓																							
7																																	
8																																	
9																																	
10																																	
11																																	
12																																	
bucket																																	

PAR on Bridge (μEinsteins m⁻²s⁻¹) = 756

REMARKS
Nun graded ice. Beautiful
evening of November

MAX. DEPTH = m

VESSEL		CRUISE ID		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION									
R/V Thomas G. Thompson		TN193		ICE06		1TT06											
CONSC	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
1125800.05 N	48.04	21.41	16721.01 W	49 M A Y 0 6	4341	45-1.6		65	*	*	330	49	*	*	*	68	B5H4
REMARKS																	
PAR on Bridge (μEinsteins m-2s-1) = 673																	
MAX. DEPTH = m																	
FLUOR S/N																	
PAR S/N																	
SAMPLE BOTTLE NUMBERS																	
SEQ.	DEPTH	ROSETTE POSITION	SALT	NUTRIENTS	CHL. Bot. no.	Phyto. Species	Phyto. Slides	ALK (MC)	DIC (MC)	COMMENTS							
1	6.5	64.7		47													
2	5.0	54.4		46				107									
3	4.0	40.3		49													
4	3.0	30.3		50				106									
5	2.5	25.2		51				105									
6	2.0	20.1		52				104									
7	1.0	98		53				103									
8	0	32		54				102									
9																	
10																	
11																	
12																	
bucket																	

VESSEL		CRUISE ID		PROJECT & LEG		DSD8 I.D.		STATION DESIGNATION											
R/V Thomas G. Thompson		TN193		ICE06		1TT06													
CONSC CAST #	52.14	3.83		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)	(kts)	*	*	(m)	
11	35	7	52	6	9	N	1	6	7	3	1	9	3	4	2	1	4	5	85H5
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) = 299		REMARKS											
PRESS SN		DATA ON																	
PRI TEMP SN		START DOWN																	
SEC TEMP SN		AT DEPTH																	
PRI COND SN		AT SURFACE																	
SEC COND SN		PAR S/N																	
FIRED		DEPTH		SAMPLE BOTTLE NUMBERS		FLUOR S/N													
SEQ.	DESIRED	ROSETTE POSITION		SALT	NUTRIENTS	CHL. Bot. no.	Phyto. Species	Phyto. Slides	ALK (MC)	DIC (MC)	COMMENTS								
1	bet	64.4			55						L15a								
2	56	54.4			56						blue								
3	30	30.6			57														
4	20	20.3			58														
5	15	15.6			59						✓								
6	10	10.1			60						✓								
7	0	2.6			61														
8																			
9																			
10																			
11																			
12																			
bucket																			

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION	
CONSC CAST #		36.34 LATITUDE		54.49 LONGITUDE		DATE JD=		TIME (GMT)	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		DRY BULB	
11 55 43		6 30 N		16 75 20 16 W		09 MAY 06		08 29 -2.14	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) =		REMARKS	
PRESS SN		DATA ON							
PRI TEMP SN		START DOWN							
SEC TEMP SN		AT DEPTH							
PRI COND SN		AT SURFACE							
SEC COND SN		PAR S/N		FLUOR S/N					
FIRE		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS	
SEQ.		DESIRED						CHL. Bot. no.	
1		bot		65		69			
2		50		50.2		70			
3		40		40.2		71			
4		30		30.1		72			
5		20		20.4		73			
6		10		10.4		74			
7		0		2.7		75			
8									
9									
10									
11									
12									
bucket									

MAX. DEPTH = m

L500
white
plastic

L500's ACS running in fresh battery - B

72
BOTTOM
DEPTHB5H7
STA. NAME/ID

VESSEL		CRUISE ID		PROJECT & LEG		STATION DESIGNATION	
R/V Thomas G. Thompson		TN193		ICE06		DSDB I.D. 1TT06	
CONSC CAST #		27.00		LATITUDE		27.00	
DEG		MIN		DEG		MIN	
11		57		1		58	
27		44		3		58	
44		N		W		44	
TIME		DATE		JD		TIME (GMT)	
SBE 9+		16		09		10	
PRESS SN		DATA ON		MO		YR	
PRI TEMP SN		START DOWN		06		10	
SEC TEMP SN		AT DEPTH		18		10	
PRI COND SN		AT SURFACE		2		10	
SEC COND SN		PAR S/N		4		10	
FIRE		DEPTH		FLUOR S/N		PAR on Bridge (μEinsteins m-2s-1) =	
SEQ.		DESIRED		SAMPLE BOTTLE NUMBERS		REMARKS	
1		6.7		209		76	
2		5.2		77		78	
3		4.4		79		80	
4		3.1		81		82	
5		2.0		83		84	
6		1.6		85		86	
7		0		87		88	
8				89		90	
9				91		92	
10				93		94	
11				95		96	
12				97		98	
bucket				99		100	

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		PROJECT & LEG ICE06		DSD8 I.D. 1TT06		STATION DESIGNATION	
CONSC CAST #		LATITUDE 19.02		LONGITUDE 59.97		DATE JD= 1155		TIME (GMT) 1155	
DEG 11		MIN 57		DEG 16		MIN 09		DAY 09	
1		19		09		11		55	
2		42		N		W		06	
SBE 9+		TIMES		JD/TIME		PAR on Bridge (μ Einsteins m-2s-1) =		REMARKS	
PRESS SN		DATA ON							
PRI TEMP SN		START DOWN							
SEC TEMP SN		AT DEPTH							
PRI COND SN		AT SURFACE							
SEC COND SN		PAR S/N		FLUOR S/N					
FIRID		DEPTH		ROSETTE POSITION		SALT		NUTRIENTS	
SEQ.		DESIRED							
1		6.2.7						83	
2		5.4.4						84	
3		4.4.8						85	
4		3.4.6						86	
5		2.4.7						87	
6		1.0						88	
7		0						89	
8									
9									
10									
11									
12									
bucket									

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION																					
R/V Thomas G. Thompson		TN193		ICE06		1TT06																							
CONSC CAST #		06.00 LATITUDE		20.93 LONGITUDE		1432 TIME (GMT)		DRY BULB (°C)		WET BULB (°C)		PRESSURE (mb)		SEA STATE * * *		WIND DIRN. (deg)		WIND SPD. (kts)		CLOUD (amt) * * *		WEATHER * * *		BOTTOM DEPTH (m)		STA. NAME/ID			
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W		16820.93 W	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN		1185706.13 N																											

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION											
R/V Thomas G. Thompson		TN193		ICE06		1TT06		B5H11											
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
119	56	49	.84 N	16	83	0.88 W	09 MAY 06	1647-11.3			09			323	21			100	B5H11
SBE 9+		TIMES		JD/TIME		REMARKS													
PRESS SN		DATA ON		PAR on Bridge (μEinsteins m-2s-1) = 164															
PRI TEMP SN		START DOWN																	
SEC TEMP SN		AT DEPTH																	
PRI COND SN		AT SURFACE																	
SEC COND SN		PAR S/N		FLUOR S/N															
SAMPLE BOTTLE NUMBERS																			
SEQ.	DEPTH	ROSETTE POSITION		SALT	NUTRIENTS	CHL. Bot. no.	Phyto.Species	Phyto.Slides	ALK (MC)	DIC (MC)	COMMENTS								
1	93.5			211	8	✓													
2	75.9				9	✓													
3	60.9				10	-													
4	50.5				11	✓													
5	40.4				12	✓													
6	29.8				13	✓													
7	20.2				14	✓													
8	10.3				15	✓													
9	3.9				16	✓													
10																			
11																			
12																			
bucket																			

VESSEL		CRUISE ID		PROJECT & LEG		DSDB I.D.		STATION DESIGNATION												
R/V Thomas G. Thompson		TN193		ICE06		1TT06		B5H12												
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	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	
120	56	37	24 N	168	41	91 W	09 M	18	52	-1	2		10		321	20			112	B5H12
SBE 9+		TIMES		JD/TIME		REMARKS														
PRESS SN		DATA ON		PAR on Bridge (μEinsteins m-2s-1) = 135.0																
PRI TEMP SN		START DOWN																		
SEC TEMP SN		AT DEPTH																		
PRI COND SN		AT SURFACE																		
SEC COND SN		PAR S/N		FLUOR S/N		MAX. DEPTH = m														
SEQ.	DEPTH	ROSETTE POSITION		SALT	NUTRIENTS	CHL. Bot. no.	Phyto.Species	Phyto.Slides	ALK (MC)	DIC (MC)	COMMENTS									
1	106.8			213	17															
2	75.5				18															
3	60.3				19															
4	50.0				20															
5	40.2				21															
6	30.0				22															
7	25.3				23															
8	20.1				24															
9	9.9				25															
10	3.1				26															
11																				
12																				
bucket																				

[illegible]

[illegible]