bucket	12	=	10	9	œ	7	თ	S	4	ω	2	_	SEQ.	FIRED	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	0	CONSC CAST #	VESSEL R/V Tho
							5	10	20	30	40	50	DESIRED	DEPTH	ND SN	NS CP	MP SN 	₱ SN	\ <u>\{</u>	1 0	DEG	# ñ	VESSEL R/V Thomas G. Thompson
												:	ROSETTE POSITION			AT :	AT I	STA	DAT	TIMES	- 0 0 z		
-											_		ION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	ES	DEG 9 9	LONGITUDE	CRUISE ID TN 193
								i				27	SALT				Ι.		1	/ar	. O W		23
							43	42	17	40	39	38	NUTRIENTS			22:29	72 24	12:20		JD/TIME	DAY 5 A	DATE JD-	PROJEC INJ 8 3
							7	_	282	287	289	283	Ιē	SAMPLE BO	FLUOR S/N			!	1	_	P MO PR		T C
1													ALK (LE)	SAMPLE BOTTLE NUMBERS		MA	No hu			PAR	22 MIN	TIME (GMT)	EOE/
4	1												ALK (MC)			to astimo	NO 074		h 3	176	(°C)	DRY BULB	DSDB I.D.
		į										į	DIC (MC)			16	Hade		14 E/m = /	3		WET BULB	
							Y	×	×		×		phythe s			Sport Tos	Z			5	(mb) * *	SEA STATE	
						-				_			2		1	Su all	>			of ACO		WIND W	2 8
				10			X	R	X		'×	,	COMMENTS	10 JUL 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		MAX. DEPTH =		<u> </u>		REMARKS		CLOUD (amt	J 등
												-	Asir)	1 [70	-	 					5 t	воттом рертн	TION
	:		!				X	X	X		X		からいろくか	5		3					M	STA. NAME/ID	

	bucket	 ;	=	10	9	8	7	6	5	1	w	2	7_		SEQ.		. K	PR	SE	B	38	₩ O		्र स्टिट
	, s					1.6	6	2,0	30	╀	+	+-	+	⊣ ⊢	Q. DESIRED	רואפט טפייו	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	0 0 2 56 1 SBE 9+	CAST #	VESSEL R/V Thomas G. Thompson
							6	200	30.6	40.	507	503	50.5	. 11	ROSETTE POSTION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	10.01N1635		CRUISE ID
						570								SALI				<u>P</u>	ĵ. Ĵ.	2 ∂,		2. b	LONGITUDE	3
	 					کیا	50	49	φ ⊗	47	94	24	44	NOTRIENTS					2	7 7		DAY DAY DAY	DATE JD-	# 공
,				-		1	1	(1	2	1			CHL. Bot. no. ALK (LE)		SAMPLE BC	FLUOR S/N					P R O 6		PROJECT & LEG
					_											SAMPLE BOTTLE NUMBERS				7	000	17 HR MIN	TIME (GMT)	EOG
							-							ALK (MC)		S				0	720	-3.	DRY BULB	DSDB I.D
														DIC (MC)						MF/m	1	. (°C)	WET BULB	i.b
														COMMENTS			MAX			2/2	REM	(deg) (m/s) ·	PRESSURE SEA STATE VISIBILITY DE WIND LOUD (amt)	STATIONE
														ITS			MAX. DEPTH = 70 m				REMARKS	* T	YPE EATHER BOTTOM	STATION DESIGNATION SM2

bucket	12		10	ø	&	7		5	4 /00	3 20,1	2 50,5			SEQ. DESIRED ROSETTE POSITION	FIRED DEPTH	ND SN	PRI COND SN AT SURFACE	SEC TEMP SN AT DEPTH	PRI TEMP SN START DOWN	PRESS SN DATA ON	SBE 9+ TIMES	0035749.99N163	DEG MIN DEG	CONSC LATITUDE	R/V Thomas G. Thompson	
									7 95 15	25 V	24	53		SALT NUTRIENTS CHL. Bot. no. ALK (I F)	SAMPLE BOTTLE NUMBERS	N	N.	Q	1 × × × × × × × × × × × × × × × × × × ×		JD/TIME	S 6 . 07 w 6 A P R 0 6 1	DAY NO YO	LONGITUDE DATE D.	TCEOP	
													CENTRAL MICHAEL	ALK (MC)	NUMBERS		SWS IN S	Chilles ICe Swa	10 X. X.	TO UI WE/MYS	19111111911	(°C) (mb) *	SE SE SE	RESSURE	ITTO6	
													COMMENTS			MAX. DEPTH = m		W pieces		REMARKS	1448/14	deg) (m/s) * * * (m)	DIRN. SPO. d ≥	BOTTOM	STATION DESIGNATION COLOR	>

bucket	12	=	-	10	9	8	7	6	5	1	ω	2	-	SEQ.	1	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	0	<u> </u>	CONSC CAST #	₽	VESSEL
								\$ -	0.01	1	37.0	41.6	7.7	DESIRED		ND SN	NS GN	MP SN	NS G	NS I	ı	145h	DEG	# SS	R/V Thomas G. Thompson	۳
														ROSETTE POSITION								19.04 N	MIN	LATITUDE	npson	deres e Pal-
			-								3	e .		OSITION	.	PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1641	DEG	5	TN193	791 100 10
													52	SALT			2	اد	ا در ا	No.	'n	S	MZ.	LONGITUDE	NIGS	3
								63	\$2	9	60	55	VT 00	NUTRIENTS			2:00	3		アンスの	JD/TIME	Tw I b A	DAY		# 3	
								2	1	1	1	1	ç	CHL. Bot. no.	SAMPLE BO	FLUOR S/N	į	۱ ۱	ļ		- Н	₽ 0	Mo Ya		PROJECT & LEG	
		,						,						ALK (LE)	SAMPLE BOTTLE NUMBERS			C	7-2	NA NA	, ,	2 2 0 0	HIND CHILL		06	
														ALK (MC)	S			6	14		<u></u>	-1/-	Ş		DSD8 I.D.	
									ŀ					DIC (MC)						Town	Γ		WEI BULB		91.D.	
								2	<	7	-4	7		Shing)			*COTA	Sma		m75	1111	1 0 t	PR	ESSURE A STATE	-	
			•	933					-		(CW >10 11 COM				Small			11100111	(deg) (m/s)	1		STATIO	
							,		1		7		- 11	COMMENTS ! (SIM		MAX DEPIH = 45, 2	1			REMARKS	00		TY	ATHER	STATION DESIGNATION	
							-	-	()		(2				3					Aa H	-	STA. NAME/ID		HRA	

	bucket	12	=	ō	9	8	7	6		- T	4	ω	~	Ţ-	, , ,	 8	FIRED	SECC	PRI C	SEC 1	PRI T	PRES	SBE 9+	0	T	88	₽	VESSEL
		!						× (2	4,6	22.6	30,0	40.9	46	1		D DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	9+	055	+-	CAST #	R/V Thomas G. Thompson	SEL
							<u> </u> -			7	6	0	مَ	-		,		-			<u> </u>	<u> </u>		11/11/11		IΣ	Thompso	
		>			i										KOSE									. 0	Ž	ATTTUDE	03	
															RUSETTE POSITION				A	AT	ST	Š.	<u> </u>	N			-	0
	211											! 			NON		PAK S/N		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	11/9	DEG	<u> </u>	TN193	RUISE ID
								20	1						SALT						2			5.0	MZ	LONGITUDE	23	
			_					100	-	-		5	9		Š	-				ر ار	2		JD/TIME) 4 w				
								29	68	5	7 8	66	2	64	NUTRIENTS				ŀ		41,	i	'''	A 9		DATE JD-	171	
								<		\<			,	7	CHL. Bot	SAM	FLVO				İ			P R	ð	ĭ	TN193	PROJECT & LEG
-		-	\dashv					_	├		+	\dashv	\dashv	_	CHL. Bot. no. ALK (LE)	SAMPLE BOTTLE NUMBERS	FLUOR S/N	-	T	T	T			"	∌		ce	EG
															Œ	E NUMBER		20				7	A .	-791	HR MIN	TIME (GMT)	6	
															ALK (MC)	S		100	4					1	(**)			
}	1	\dashv	+	+		-				\perp		+	\dashv	-	Dic								9	5	+		1TT06	0.00
		_													(MC)								-		WEI BOTTO			
									<				7		5								(7		RESSURE		
						_				-	-	+	-	_		-							-	,	· VI	SIBILITY		
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							(1			(W W	COMMENTS			MAX		<u> </u>	-		0	1	Q.	SUD (amt)	TATION D	
							(5			<		2211194	. І			MAX. DEPTH =				REMARKS	-	*	WE	ATHER	STATION DESIGNATION	
						_	_	+	_		-	-			i i		0	J							DEPTH	MOLLOM	AN	
							(4	\		1		{	DIOI C			<i>\</i> \) A	2	╀╌		2	
L																							火		STA. NAME/ID			

bucket	12	=	ō	9	∞ ,	7	6	5	_	ω	2	T	ν. V.	7	FIRED DEPT	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	0	П	CAST #	R/V	VESSEL
							7	10.0	20.5	327		2.64	DESIRED		DEPTH SN	NS GN	NP SN	WP SN	I NS	ı.	459	DEG	T #SC	R/V Thomas G. Thompson	P
													ROSETTE POSITION						ar bassar ar Ta	the decrea	5 1. O 1 N	AN.	LATITUDE		
<u> </u>													SITION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1641	930	9	TN193	CE IISE ID
										_			SALT			0	Ċ.	0		Ę,	4.99	MIN		1193	
							7 5	74	73	72	71	70	NUTRIENTS			2:09	2:04	2:02		JD/TIME	w 1 7 A	DATE JD-			2
								\	\	\	\	\	CHL Bot. no. ALK (LE)	SAMPLE B	FLUOR S/N		1				P R R	5		TN193 (
													ALK (LE)	SAMPLE BOTTLE NUMBERS	2	SWOWING				0.40	0 <u>X</u>	-1::		15-OK	
													ALK (MC)	RS	L.	2)	¹	~ C	DR.		DSD8 1.1	
													DIC (MC)			とここと			The other			W		DSD8 i.D. 17706	
							7	(,	1		25.27		. \				MIM	-	17 t	PRE SEA	SSURE		
												C	, D						1/5	1	ン (deg)	VISI DIRN	BILITY		
			1										COMMENTS		MAX. D		<u> </u> _		REMARKS	<i>></i> ∅		CLO TYPI	UD (amt)	STATION DESIGNATION	
															MAX. DEPTH = 7	7,			RKS				THER	SIGNATION	
															m C'1	1				+ +	+	—			
																				の下の		STA. NAME/ID			

11 12	11 10	70		9	œ	7 3 5	6 10.(5 22 A	4 27.1	3 41.0	8,64 3	1 59.	SEQ. DESIRED	FIRED DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	46257	DEG	CONSC CAST #	VESSEL R/V Thomas G. Thompson	
							Þ	ٔرد	8	0	8	8	ROSETTE POSITION					:			21.03 N	MZ	LATITUDE	hompson	
													OSITION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	11911	DEG	LONG	TN193	
													SALT					1	o j	/dr	4.95	<u>S</u>	LONGITUDE		
						82	81	80	79	78	77	76	NUTRIENTS						15.73	JD/TIME	w) Z A		DATE JD=	ICE06	
			19				~	(7	V ,	<		CHL Bot. no.	SAMPLE BO	FLUOR S/N						P R 0 6	MO YR		ICE06	
							,						CHL. Bot. no. Phyto.Species ALK (MC)	OTTLE NUMBER	FLUOR S/N	2014	70	449	PAR on Bridge (µEinsteins m-2s-		9458	HR MIN	TIME (GMT)		
														S		5005	che		(μEinsteins m-		0.0	(°C)	DRY BULB	17706	
													DIC (MC)				bo Han		2s-1) =			(°C)	WET BULB	, F	'
													Lisa				>		25		74	(mb) * *	PRESSURE SEA STATE VISIBILITY		
																					222	(deg) (WIND DIRN.		
													COMMENTS			MAX, DEPTH =	<u> </u>			REMARKS	22	(m/s) * * *	CLOUD (amt) TYPE WEATHER	า⊣ฮ	
	:			:											1	TH- /					65	(m)	ВОТТОМ DEPTH	DZOY	
										:						√\ 3					ADH 4		STA. NAME/ID		

	12	=	10	9	œ	7	6	σ	4	ω	2	-	SEQ.	FIRED DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	<u>B</u>		CONSC CAST #	R/V Thor	VESSEI
-							e C	0 1	20 /	300	HO 1	57	Desired	DEPTH	D SN	NS (PSN	- NS	_		1	DEG	F	R/V Thomas G. Thompson	
			-										ROSETTE POSITION				-				1. 15 N	MIN	ATITUDE	son	
													POSITION		PAR S/N _	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1491	DEG	LON	TN193	CRI II'SE ID
												H R	SALT				I	l i	l	JC	4.97	MIN	LONGITUDE		
							6	N	4	~	2	1	NUTRIENTS				1			JD/TIME	W T 7 A	DAY	DATE JD=	ICE ICE	PR
													CHL. Bot. no.	SAMPLE BO	FLUOR S/N						R C	MO YR	•	ICE06	PROJECT & LEG
									5.				CHL. Bot. no. Phyto.Species ALK (MC)	OTTLE NUMBER	FLUOR S/N				PAR on Bridge (μEinsteins m-2s-1			HR MIN	TIME (GMT)		
														S					(μEinsteins m-		-0.5	(°C)	DRY BULB	17706	DSD8 LD.
													DIC (MC)		;				2s-1) =			(°C)	WET BULB		P
																					753	(mb) * *	PRESSURE SEA STATE VISIBILITY		
																					4	(deg) (m/s)	WIND WI		SI
1		i											COMMENTS		97	MAX. DEPTH =			1930861, det	REMARKS		/s) * * * (m)	SPD. CLOUD (amt) TYPE WEATHER DEPTH DEPTH	42	STATION DESIGNATION
					>											m			act		A a H 5		STA. NAME/ID	45	- -

VESSEL R/V Thom CONSC CAST #	mas G. Thor	an (°)	CRUISE ID TN193 12,85 LONGITUDE	OI .	PROJECT & LEG	G 1 1 TIME (GMT)	DSDB I.D. 11TTO6	D, WET BULB	PRESSURE SEA STATE VISIBILITY	WIND DIRN.	STATION DESIGNATION CLOUD (amt) TYPE WEATHER DEFI
Q	0 5 7 6 0 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	9 5 N	DEG MIN	Ø 9 ₹	₽	R HR MIN	(c)			1 9 F	드
SBE 9+		TIMES	ES	JD/TIME							
PRESS SN	SN	DAT	DATA ON			PAR on Bridge	PAR on Bridge (µEinsteins m-2s-	2s-1)	H	Ħ	8
PRI TEMP SN	MP SN	STA	START DOWN								
SEC T	SEC TEMP SN	AT	AT DEPTH								
PRI CC	PRI COND SN	AT	AT SURFACE								
SEC C	SEC COND SN		PAR S/N		FLUOR S/N	S/NN/S	•				
FIREL	FIRED DEPTH		Τ		SAMPLE	SAMPLE BOTTLE NUMBERS	S	1	0		8
SEQ.	DESIRED	ROSETTE POSITION	ION SALT	_		CHL. Bot. no. Phyto.Species ALK (MC)		BC	: (MC)	: (MC)	(MC) COMMENTS
1	63 /		55	٠ ۲							
2	50 /			00							
ω	HO 1			و							
4	20			c1							
5	8		sq.	1.1							
6	ō			12	379						
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9											
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12											
bucket											

	bucket	12	=	10	9	8	7	6	5	4	ω	2	-	SEQ.	FIRED	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	- Q		O/O consc cast #	R/V Th	VESSEL
							٥	70 5	8	36	40	50	000	DESIRED	DEPTH	ND SN	D SX	AP SN	P SN	ž 	1	26	DEG		R/V Thomas G. Thompson	
					=			1					:	ROSETTE POSITION								56.62 N	MIN	SG, 6(ön	
									ă				50	POSITION		PAR S/N _	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	16349.	DEG	١	TN193	CRUISE ID
							74				:		56	SALT]	1		79	MN	H9,87		
							20	19	18	4	6	15	Ήι	NUTRIENTS							JD/TIME	v 2 1 m		DATE JD=	T T T	PR
														CHL. Bot. no.	SAMPLE BO	FLUOR S/N	= 1					P R O 6	MO		ICE06	PROJECT & LEG
														Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS					PAR on Bridge (µEinsteins m-2s-1		1424	HR MIN	TIME (GMT)		
														ALK (MC)	S					(μEinsteins m-		. 00	(°C)	DRY BULB	11706	DSDB I.D.
			197								34			DIC (MC)						2s-1) =		•	(°C)	WET BULB		Þ
																						78	*	PRESSURE SEA STATE VISIBILITY		
						81	10								9							4	(deg)	WIND DIRN.	in	S
1								300		91			729	COMMENTS			MAX. DEPTH =				REMARKS		* *	SPD. CLOUD (ami	65 WOW	ATION DESIGNATION
-														- 1 ² 1 ² 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			3					m2E		MZE STA. NAME/ID		

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PRESS SN SEC TEMP SN SBE 9+ VESSEL bucket SEC COND SN PRI COND SN PRI TEMP SN R/V Thomas G. Thompson FIRED DEPTH SEQ. CAST # 12 = |= ဖ 8 σ DESIRED 51,0 30 362 6 4 103 19.8 LATITUDE ROSETTE POSITION 04N1 68 bothe 2 CRUISE ID TN193 AT SURFACE AT DEPTH START DOWN DATA ON PAR S/N LONGITUDE 051 SALT In above JD/TIME 7 W / 8 A P R 0 6 NUTRIENTS 4 DATE JD= 2 8 0 Q 7 PROJECT & LEG CE06 CHL. Bot. no. Phyto.Species ALK (MC) pressure SAMPLE BOTTLE NUMBERS ⋨ PAR on Bridge (μEinsteins m-2s-1) 1911101 TIME (GMT) <u>K</u> DRY BULB Sevisor 3 DSDB I.D. 11106 DIC (MC) WET BULB PRESSURE 9 SEA STATE VISIBILITY 7517+ 口らな DIRN. STATION DESIGNATION WIND SPD. (50% light lead COMMENTS CLOUD (amt) MAX. DEPTH = REMARKS TYPE light Laux WEATHER BOTTOM DEPTH E X E STA. NAME/ID MHE N

PROJECT & LEG PROJECT & LE	VESSEL CONSC CONSC CAST # DEG MIN DEG DEG PRESS SN PRI TEMP SN SEC TEMP SN SEC COND SN FIRED DEPTH SEQ. DESIRED ROSETTE POSITION 8 3 30 33 6 19 6 19 6 7 10 1
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												bucket
		;										12
		· ·			,							11
								,				10
									1			9
						,						8
200						(3)				(X)	7
							W				1000	6
						7	20		22			5
						7	28				36,2	4
		-				5	47				40.7	ω
						\	246	059			502	2
							SS	2-02			605	
	COMMENTS		DIC (MC)		CHL. Bot. no. Phyto.Species ALK (MC)	CHL. Bot. no.	NUTRIENTS	SALT	ОЗПІОМ	ROSETTE POSITION	DESIRED	SEQ.
			7	S	SAMPLE BOTTLE NUMBERS	SAMPLE BO					DEPTH	FIRED
						FLUOR S/N			PAR S/N		NS ON	SEC COND SN
3	MAX. DEPTH = 60						≈ '.'		AT SURFACE		D SN	PRI COND SN
							0143	l	AT DEPTH		AP SN	SEC TEMP SN
							2470	- -	START DOWN		P SN	PRI TEMP SN
		60	n = 2	PAR on Bridge (µEinsteins m-2s-	PAR on Bridge		3 5		DATA ON		ž 	PRESS SN
	REMARKS			1			JD/TIME	ģ	TIMES			SBE 9+
M4 W	(deg) (m/s) * * * (m) 5 0 2 * * * 6 7	1 T (. (°)	(°) - 7 . 7	C 14/	P R O 6	8 W 1 9 A	~ 2	199	5 × 6 × z	<u>2</u> + <u>S</u>	0
STA. NAME/ID	WEATHER DEPTH	VISIBILITY	WET BULB	DRY BULB	⊣ ≘	-	DATE JD=	LONGITUDE		LATITUDE		CONSC CAST #
٤	DESIGNATION // 4		D.	DSDB I.D.		PROJECT & LEG			CRUISE ID	son	VESSEL R/V Thomas G. Thompson	VESSEL R/V Tho
								-]
유	. PG											

VESSEL R/V Thomas G. Thompson	CRUISE ID TN193		PROJECT & LEG ICE06		DSDB l.D. 17706		Ε	STATIO)ES
CONSC 4	49,01	18,94	JD#	C423	DRY BULB 1	WET BULB	PRESSURE SEA STATE VISIBILITY	WIND WIND SPD.	CLOUD (amt) TYPE WEATHER DEBOTO
DEG	DEG		MO YR	H MIN	-	_	* ((m/s)	* 1
0145749	. 0 N 6 8	9 9 w	A P R C	2 1	7		w	∇	7
SBE 9+	TIMES	JD/TIME							REMARKS
PRESS SN	DATA ON	O	6422	PAR on Bridge ("Einsteins m-2s-	Einsteins m-2s-	1) =			
PRI TEMP SN	START DOWN	10.04 12	0/						
SEC TEMP SN	AT DEPTH	871	4/8.92					e +	
PRI COND SN	AT SURFACE			,				-	MAX. DEPTH =
SEC COND SN	PAR S/N		FLUOR S/N	FLUOR S/N					
FIRED DEPTH			SAMPLE BO	OTTLE NUMBERS				121	
SEQ. DESIRED	ROSETTE POSITION	SALT NUTRIENTS		CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)		co	COMMENTS
1 65 1		60 32							
2 60 5		33	d ₁ /						
3 30		34	•			,			
4 WG L		(A)	~			,			
2007		36	×						
6 20 6		22	× ::					82	
7 10 1		()	Y						
8 0 5		Ç	×						
6									
10				,					
11									
12									
_									

VESSEL R/V Thomas G. Thompson	CRUISE ID		PROJE	PROJECT & LEG		DSDB I.D.	Ď.		STATION	STATION DESIGNATION	NHN
consc	.78	43.65			C819	31		ESSURE A STATE SIBILITY	WIND	BOTTON	V
CAST #	LATITUDE	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA VISII	DIRN. SPD. 2	WEA DEPTH	STA. NAME/ID
р 1558ф	9 N 1 S S	WIN 0 2	W 1 9 A	P NO YR	# MIN	00 C	(c)	*	(m/s)	*	7 M
SBE 9+	TIMES	ъ.	JD/TIME							REMARKS	
PRESS SN	DATA ON]			PAR on Bridge ("Einsteins m-2s-1	(µEinsteins m-	2s-1) =			250	
PRI TEMP SN	START DOWN	Ň		į							
SEC TEMP SN	AT DEPTH										
PRI COND SN	AT SURFACE								~	MAX, DEPTH =	3
SEC COND SN	PAR S/N			FLUOR S/N							
FIRED DEPTH				SAMPLE BO	SAMPLE BOTTLE NUMBERS	0,	17.5		65		
SEQ. DESIRED	ROSETTE POSITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL, Bot, no. Phyto.Species ALK (MC)		DIC (MC)		СОМ	COMMENTS	
1 63/	Į.	61	46								
2 50,			પા		\						
3 40 1			Ч2	7	\			i i			
4 30 7			43	(
5 W -			出	7	V					_	
6 10			¥5	1)II	
7 0 1			46	7							
æ				***			_				
9											
10											
11								4.			
12											
bucket			2								

PG ____ OF ___

VESSEL	CRUISE ID		PROJECT & LEG		DSDB I.D.			STATION	STATION DESIGNATION	
R/V Thomas G. Thompson			ICE06		11706					
CONSC		***************************************					STATE BILITY		E THER	•
CAST # LATIT	LATITUDE	DATE	JD#	TIME (GMT)	DRY BULB	WET BULB	SEA S	DIRN. SPO. CLOU	TYPE WEAT BOTTOM	STA. NAME/ID
DEG	DEG		MO YR		\dashv		*	(m/s)	* (m)	
5185910	.35 N1684	1 7w/19	A P R 0 6 ((311	1.3	,	0,	\sim	04	73 - 1
SBE 9+	TIMES	JD/TIME			AN TO		-	REI	REMARKS	
PRESS SN	DATA ON		70	PAR on Bridge (µEinsteins m-2s-	Einsteins m-2s	1) = 29	ע	,		
PRI TEMP SN	START DOWN	16 30								
SEC TEMP SN	AT DEPTH	•				i	- 1			
PRI COND SN	AT SURFACE					-		MA	MAX. DEPTH =	3
SEC COND SN	PAR S/N		FLUOR S/N							
FIRED DEPTH			SAMPLE BOT	SAMPLE BOTTLE NUMBERS			,	-		
SEQ. DESIRED	ROSETTE POSITION	SALT NUTRIENTS	CHL. Bot. no. P	CHL. Bot. no. Phyto.Species ALK (MC)	K (MC) DIC	C (MC)		COMMENTS	ENTS	
, 60,2		~				3				
2 50 5		2	7							
3 40,6		S)	<							
4 30.4		4	7	4				1		
5 202		5,	<				:			
6 10.0		063 6	7							
7 7.0		47	7			,				
8		,						٠		
9			-							
10										
=	}	*								
12					-	_				
_		7.								

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VESSEL	CRUISE ID	PRO	PROJECT & LEG		DSDB I.D.	,		STATION DESIGNATION
R/V Thomas G. Thompson	TN193	ICE06	6		11106			
CONSC							ESSURE A STATE GIBILITY	BOTTOM
	LONGIT	DATE JD=		┦;;;	DRY BULB	WET BULB	SE	CL TY W
t. 12882110	2 N 1 6 8 4 6 . 5	0 W S	P R O F	2 × × × × × × × × × × × × × × × × × × ×			(mb) (deg)	(m)
SBE 9+	TIMES	JD/TIME)(U		jų.	REMARKS
PRESS SN	DATA ON			PAR on Bridge (µEinsteins m-2s-	μEinsteins m-2	1) =	33	
PRI TEMP SN	START DOWN	1821						
SEC TEMP SN	AT DEPTH	1879						
PRI COND SN	AT SURFACE			200 cs	of spr	DINES MIC	die oxo	MAX. DEPTH =
SEC COND SN	PAR S/N		FLUOR S/N		a		. 0	
FIRED DEPTH			SAMPLE BOT	TTLE NUMBERS		ş		
SEQ. DESIRED RO	ROSETTE POSITION SALT	NUTRIENTS	CHL. Bot. no. Phyto.Species ALK (MC)	hyto.Species A		DIC (MC)		COMMENTS
1,88,7		8					Lisa	
2 50.5	064	1 9						
3 40.2		0)	- 7				L156	
4 80:2		11	V					9
5 77.7	ं	. [2]	Y		.		Lisa	
6 10.0		~	1				L:50	
7 3 1		十	1	-			risa	
8								
9								
10								
=								
12								
			_					

	npson 73,68	CRUISE ID TN193 LON	BC'15	PROJEICE06	PROJECT & LEG	434Ф тик (GMT)	DSDB I.D.	D. WET BULB	PRESSURE SEA STATE VISIBILITY		WIND DIRN.	WIND DIRN.	STATIC WIND DIRN. SPD.
0 / 0 DEG 2	N MN N N N N N N N N N N N N N N N N N	- DEG	MIN (00)	ν () γ	P NO YR	O F MIN	(C)	(c)		*	* * (deg)	* * (deg) (m/s) *	* * (deg) (m/s) *
SBE 9+		TIMES	JD/TIME	IME	57								
PRESS SN		DATA ON				PAR on Bridge (µEinsteins m-2s-1	(µEinsteins m-	2s-1)		N	M		
PRI TEMP SN		START DOWN								i			
SEC TEMP SN		AT DEPTH	i l										
PRI COND SN	!	AT SURFACE			2.							MA	MAX. DEPTH =
SEC COND SN		PAR S/N _			FLUOR S/N					2.5	40		es
FIRED DEPTH					SAMPLE BO	SAMPLE BOTTLE NUMBERS		S,			200		
SEQ. DESIRED	ROSETTE POSITION	POSITION	SALT	NUTRIENTS	CHL Bot, no.	CHL Bot. no. Phyto.Species ALK (MC)		DIC (1	(MC)	VC)	VC)		VC) COMMENTS
1		Ð								Cast	Cast	Cast	Cast
2													
ω													
4													
S													
6					72								
7													
8													
9													
10		0											
11													
12													
bucket													

				2							
VESSEL	CRUISE ID		PROJ	PROJECT & LEG		DSDB I.D.	D		STATI	STATION DESIGNATION	
R/V Thomas G. Thompson	TN193		ICE06			17706					
23.12	T.	42.24		-	0358			TATE		D (amt) HER	1.1729
CAST # LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRES SEA VISIB	DIRN. SPO.		STA. NAME/ID
DEG MIN	DEG	M.	DAY MO	O YR	HR MIN	(°C)	Ш	*	(deg)	* *	(8)
0195828.16	N 1 65 4 3	0	3 W 2 O A P	R 0 6	5040	9	•	8			102 H
SBE 9+	TIMES	JD/TIME	Ϋ́E							R	
PRESS SN	DATA ON				PAR on Bridge (µEinsteins m-2s-	μEinsteins m-2	2s-1) =	8		19361961,000	22
PRI TEMP SN	START DOWN				Far Sacsud	عمع حجر	4t 100	dod to	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Ĭ	
SEC TEMP SN	AT DEPTH			1	ح اسم ک	to ever	ρ_				
PRI COND SN	AT SURFACE				We work	אַר (י	6	5)km 2	lia.	MAX. DEPTH =	3
SEC COND SN	PAR S/N			FLUOR S/N		Sur	A VA	ny ice			
FIRED DEPTH				SAMPLE BO	SAMPLE BOTTLE NUMBERS			•			
SEQ. DESIRED ROSETTI	ROSETTE POSITION	SALT NU	NUTRIENTS C	HL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	dage W	00	COMMENTS	
1 62 618		65	<u> </u>	۶	×	1		×			
2 50 506			20								
			2	À	X			<			
4 8 30.5	3		2	×							
5 % Zo,4			23	<i>></i>	\times			×			
6 10 10,3			24	×	Χ.			×			
7 6 3.1				×	X			X			
8										24	
9								ē			
10							Х				
11		:-					Ж				
12											
		Si .									

VESSEL R/V Thomas G. Thompson	CRUISE ID		PROJECT & LEG		DSDB I.D.		: ·	STATION DESIGNATION	
15,68	Ų.	(A)		0628		SSURE		JD (ami	B2412
CAST # LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB W	WET BULB	VISII DRN.	WEA DEPTH	STA. NAME/ID
DEG	DEG		DAY MO YR	HR ME	\dashv	ᆰ	* (deg)	* * * (m)	
\$ 2 05815.69	N 16853	. 3 & w	A P R O	50631	4		4		
SBE 9+	TIMES	JD/TIME						REMARKS	
PRESS SN	DATA ON			PAR on Bridge ()	PAR on Bridge (μEinsteins m-2s-1	1) <u> </u>			
PRI TEMP SN	START DOWN		,						
SEC TEMP SN	AT DEPTH								
PRI COND SN	AT SURFACE							MAX. DEPTH =	3
SEC COND SN	PAR S/N		FLUOR S/N	/NN					
FIRED DEPTH	<u> </u>		SAMPLE	SAMPLE BOTTLE NUMBERS					
SEQ. DESIRED ROSETTI	ROSETTE POSITION	SALT NUTRIENTS		CHL. Bot. no. Phyto.Species ALK (MC)	DIC	(MC)		COMMENTS	
1 65 65.9		X 2	6			The section of the se			
2 60 60.4		\ \	77						
3 50 50.7		N	78 X		:	-			
40,2		29				,			
5 30 30,3	Ø.	75	<u>ک</u> ×						
6 20 20,1		ادن	× .						
7 10 16,2		医医	X						
8 6 2,7		(Ý				_			
9									
10									
						-			
12									
his ket	•								

VESSEI		CBI RCE ID		DD/	53 I % LJ3I U66		Dens i D	י		3	CTATION DESIGNATION	
R/V Thomas G. Thompson	-	TN193		ICE06	06		17706	!		20		B243
	S9.59	O ==	91.80			£h80			STATE		ID (amt)	
CAST #	LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRES SEA S VISIB	DIRN. SF	WEAT BOTTOM	STA. NAME/ID
<u>4</u> 1 5 8 € 1 4 € 0 € 6	0 9 Min	DEG 0 6	_	W 20AY	P R O 6	HR MIN 4852	(c)	(°C)	(mb)	7 (T	(w) * *	11/2/8
SBE 9+		TIMES	'n,								REMARKS	
PRESS SN		DATA ON	l			PAR on Bridge (µEinsteins m-2s-	(μEinsteins m-:	2s-1) =	,			,
PRI TEMP SN		START DOWN	, 									
SEC TEMP SN		AT DEPTH										
PRI COND SN		AT SURFACE									MAX. DEPTH =	3
SEC COND SN		PAR S/N			FLUOR S/N							
FIRED DEPTH	- L				SAMPLE BO	SAMPLE BOTTLE NUMBERS	Ü		ľ			
SEQ. DESIRED	ROSETTE POSITION	SITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	lugolo		COMMENTS	
1 63	63,2		66	ትድ					¢			
2 50	9,6મ			35	۲							
3 FO	મ <u>.</u> ઝ			3,6	X				X			
30	31.0			48	×			¥				
2	18,9	ř		38	*				X		ુ	
6 (0	10,6			39	*				×			-
7 C	3			40	۲				×			
о Со									9			
9			-		,	Zy.						
10						0	,					
=======================================				0								
12												
bucket					,			90				

	bucket	12	=	10	9	8	7	6	s	4	ω	2	_	SEQ.	FIRED	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	9		CONSC	R/V Th	VESSEL
							٥	Īo	26	30	No.	50	CO	DESIRED	FIRED DEPTH	ND SN	ND SN	MP SN	PSN -	S I	1	2580	DEG		R/V Thomas G. Thompson	
							4.2.)0,2	21.3	31.0	ц2.]	54.0	59,7	ROSETTE POSITION								03.13 _N	Z Z	C3.}(npson	
														POSITION		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	16922	DEG	LON	TN193	CRUISE ID
Z ^e													67	SALT				I	1	l	J D	2.39	Ĭ	22,38		
							475	476	54	74F	437	425	418	NUTRIENTS							JD/TIME	w 20 A	DAY	DATE JO=	IQ	PR
3					×		<i>→</i>	X	入	X.	X	X		CHL, Bot, no.	SAMPLE B	FLUOR S/N						P R 0 6	MO YR		ICE06	PROJECT & LEG
													18	CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS					PAR on Bridge		1115	罗图	TIME (GMT)		
														ALK (MC)	Š					PAR on Bridge (µEinsteins m-2s-1		5 9-	(°C)	DRY BULB	17706	DSDB I.D.
								E)			70			DIC (MC)						•			(°C)	WET BULB		ξ
								9th			th			L156-						NIGHT		98	(mb) * *	PRESSURE SEA STATE VISIBILITY		
		:				J.	ii.						ı		-4							יס		WIND DIRN.		S
								14						COMMENTS			MAX. DEPTH =				REMARKS	37 72	* *	CLOUD (amt) TYPE WEATHER DEPTH	- - - -	STATION DESIGNATION
																	3	_				1 10 2# 4		STA. NAME/ID	6244	

												bucket
												12
								,	!			=
		-										10
												9
									•			,
		,							·		3,4	æ
						7	ナ				75	7
		<			<u></u>	7	5				7,2	6
	-						س		es.		20,1	S
					\	(1	06X			7,15	4
		/				7	v				40.2	ω
						7	2				50.3	2
											603	
	COMMENTS	M 2 .	DIC (MC)	ALK (MC)	CHL. Bot. no. Phyto.Species ALK (MC)	CHL. Bot. no.	NUTRIENTS	SALT	ROSETTE POSITION		DESIRED	SEQ.
				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	SAMPLE BOTTLE NUMBERS	SAMPLE BO		,			DEPTH	FIRED
			1		٥	FLUOR S/N			PAR S/N_		SEC COND SN	SEC CO
3	MAX. DEPTH =	1 Junse	odae_	ice,	半				AT SURFACE		ND SN	PRI COND SN
									AT DEPTH		MP SN	SEC TEMP SN
									START DOWN		WP SN	PRI TEMP SN
		829	ı-2s-1) =	(μEinsteins m	PAR on Bridge (µEinsteins m-2s-	-			DATA ON		SS	PRESS SN
	REMARKS						JD/TIME	JD,	TIMES		<i>T</i>	SBE 9+
BBHOIS	S229 (11)	20 20 20	. 6	16.2	P 10 P	P R O 6	6 W 2 A	7.06	z 6 9 3	846.96	פודטו	023
STA. NAME/ID	DIRN. SPD. CLOUD TYPE WEATHE	SEA STA	WET BULB	DRY BULB	⊣ <u>;;;</u>		DATE JD=	LONGITUDE		LATITUDE		CAST #
	(amt)	NTE.						,	/			
	STATION DESIGNATION		Б .	1TT06		PROJECT & LEG	<u>ت</u>		CRUISE ID	mpson	VESSEL R/V Thomas G. Thompson	R/V The
C TI .	0											

P6 OF ____

VESSEL R/V Thomas G. Thompson		CRUISE ID TN193		ICE06	PROJECT & LEG ICE06		DSDB I.D. 17706	Ď.		ST/	STATION DESIGNATION	
	55,73	لن	39,9\$	_		1058	,		STATE BILITY	,	JD (amt) THER	R2#5
CAST #	LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA	DIRN. SPD.	CLO	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(°)	(°C)	*	1	* *	=
41	58.93 N	16939	. 93	w 2 A	æ	, ·	ナート	•		12		82
SBE 9+		TIMES	JD/	JD/TIME							REMARKS	
PRESS SN		DATA ON	l			PAR on Bridge (µEinsteins m-2s-	(μEinsteins m-	2s-1) =			19392401,	F
PRI TEMP SN		START DOWN				- (
SEC TEMP SN		AT DEPTH										
PRI COND SN		AT SURFACE				1					MAX. DEPTH =	3
SEC COND SN		PAR S/N			FLUOR S/N							=
FIRED DEPTH					SAMPLE BO	SAMPLE BOTTLE NUMBERS		17				
SEQ. DESIRED	ROSETTE POSITION	SITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	5(125	1:5	COMMENTS	
- 607	63.6			ં જ								
2 50	51.1			9 F				·				
3 40	39,8			10 5					-52			
4 30	36.2	,		11 F	-							
5	19.61	*		12 4							S ₂	
6 /6	41.6			آبر ا					-5			
7	42			147								
8								ľ				
9							17					
10										Œ		
=												
12							(8)					
												-

7 O 3,4 2] X	0 3.4 21	0 3.4 21	0 3,4 21	0 3,4 21	0 3,4 21,	0 3,4 21	6 10 11,2 20. X	5 20 19,7 19 X	4 30 29.9	3 40 44.5 ×	2 50 56.] 16 x	1 GH G4,3 70 15	SEQ. DESIRED ROSETTE POSITION SALT NUTRIENTS CHI		SEC COND SN PAR S/N		SEC TEMP SN AT DEPTH	PRI TEMP SN START DOWN	PRESS SN DATA ON	SBE 9+ TIMES JD/TIME	52. @ d N 16956. \$3 w 21 A	DEG MIN DEG MIN DAY	CONSC 51,98 56,42.	R/V Thomas G. Thompson TN193 ICE06	
													CHL. Bot. no. Phyto.Species ALK (MC) DIC (MC)	SAMPLE BOTTLE NUMBERS	FLUOR S/N				PAR on Bridge (µEinsteins m-2s-1) =		R 0 6 1 4 1 5 -5. 6 . 6 P	YR HR MIN (*C) (*C) (mb) * *	TIME (GMT) DRY BULB WET BULB PRESSURE SEA STATE VISIBILITY DIRN.	PROJECT & LEG DSDB l.D.	
-													COMMENTS			MAX. DEPTH = m				REMARKS	424	(m/s) * * * (m)	SPO. CLOUD (amt) TYPE WEATHER DEPTH STA. NAME/ID	STATION DESIGNATION 8244	

SEC COND SN
FIRED DEPTH PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN SBE 9+ R/V Thomas G. Thompson VESSEL SEQ. CAST # = 2 70 9 8 თ S 7 DESIRED 52 8 00 6 3 LATITUDE 40.6 69.4 4.03 64.0 (N) 20,2 | S | N | ROSETTE POSITION TIMES TN193 CRUISE ID AT SURFACE AT DEPTH START DOWN DATA ON 6.82 PAR S/N LONGITUDE lien SALT 0 5 w 2 JD/TIME NUTRIENTS Sottle لى DATE DAY PROJECT & LEG ICE06 APR06 Š CHL. Bot. no. Phyto.Species ALK (MC) SAMPLE BOTTLE NUMBERS FLUOR S/N_ ⋨ PAR on Bridge (µEinsteins m-2s-1) = couldn the TIME (GMT) 茮 5 -6. X Z DRY BULB G DSDB I.D. 11106 the sequence DIC (MC) WET BULB Sand Jose đ PRESSURE SEA STATE VISIBILITY DIRN. 8527 SPD. STATION DESIGNATION COMMENTS REMARKS MAX. DEPTH = CLOUD (amt) WEATHER BOTTOM DEPTH NN 3 W STA. NAME/ID 3 サ キ 3 1

DESIRED ROSETTE POSITION SALT NUTRIENTS CHIL Bot. no. Phyto. Species ALK (MC) DIC (MC)	LATITUL LATITUL	CRUISE ID TIN193 TIMES DATA ON START DO) AT SURFAC DPAR S	SALT NUTT IME D	DATE JO-PRO		TIME (GMT) DRY BULB WET HR MIN (°C) 2 3 7 4 . 5 PAR on Bridge ("Einsteins m-2s-1) Phyto.Species ALK (MC) DIC (N		PRESSURE * SEA STATE * VISIBILITY	COMMENTS COMMEN	TION BOTTOM DEPTH STA. NAME/ID (m) T T T T T T T T T T T T T
	(2)			4						
66.2			_	22						
60,4	5 0			2						
60.4 50.7 32	_			35)		-	Y V	,	-
60,4 50,4 32 40.6 35			. 1	36						
66.2 60.4 50.7 40.6 32 33 35 36.1	-			+5						
56.2 66.2 50.4 40.6 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1	7 10,0			39)	. 22			33.		
66.2 60.4 73 40.6 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1 30.1	<u>س</u>		72 (38)						
66.2 60.4 40.6 32 40.6 35 72 39 72 39 72 39 72 39										
66.2 60.4 40.6 30.1 10.0 72 39 72 39 72 39 72 39 72 39 72 39						^				
66.2 32 60.4 32 40.6 32 40.6 32 72 72 73 73 74 75 76 77 78 78 78			Mord				,		`	
66.2 32 60.4 32 40.6 35 20.1 35 72 39 72 39						_				
66,2 32 60,4 32 40.6 32 10.0 35 72 38 72 38 March			المسأء للاسم				_			

VESSEL R/V Thomas G. Thompson	CRUISE ID TN193		PROJECT & LEG	11 DS	DSDB I.D. 1TT06		STATION DESIGNATION
CONSC	3			284		RESSURE EA STATE ISIBILITY	WIND WIND LOUD (amt)
	UDE T	DATE		E (GMT) DR	¥	SE VI:	SPD.
0 2 8 5 8 -	7.36 N 1 6829	39 w 22	A P R O 6 O	127-6.	. (D 100	4 4 2 7
+6 38S	TIMES						REMARKS
PRESS SN	DATA ON		PAR	PAR on Bridge (µEinsteins m-2s-	1) =	345	
PRI TEMP SN	START DOWN						
SEC TEMP SN	AT DEPTH						
PRI COND SN	AT SURFACE						MAX. DEPTH =
SEC COND SN	PAR S/N		FLUOR S/N				
FIRED DEPTH	1		SAMPLE BOTTLE NUMBERS	E NUMBERS	84		
SEQ. DESIRED	ROSETTE POSITION	SALT NUTRIENTS	CHL. Bot. no. Phys	CHL Bot. no. Phyto.Species ALK (MC)	DIC (MC)		COMMENTS
9,09	-	40				2.	
2 50,6		11/2					
404		ピル					
4 30.7		143					
5 20:4		11/1					
6 /D.1		54	24	-			
7 2.6		9/1	*				,
8							
φ							
10				:			
11			-		,		
12							

VESSEL	CRUISE ID		PROJECT & LEG		DSDB I.D.	:	S	STATION DESIGNATION
K/V Inomas G. Inompson	. IN193		ICE06	1	11106	_		
CONSC CAST # CATTING	<u>.</u>		7	TIME (GMT)	DDV B B B W	RESSURE	EA STATE ISIBILITY REAL STATE	WIND (amt) YPE /EATHER DESTINATION TO NAME TO
DEG	DEG		DAY MO YR	-		╗┼	* (dea)	* (m)
0295836	.75 _N)	- - - - - - - - - -	A P R C	1 5	\sim		844	8 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SBE 9+	TIMES	JD/TIME					•	REMARKS
PRESS SN	DATA ON			PAR on Bridge (µEinsteins m-2s-	Einsteins m-2s-1)	_ (
PRI TEMP SN	START DOWN					76		
SEC TEMP SN	AT DEPTH			,				
PRI COND SN	AT SURFACE	1						MAX. DEPTH =
SEC COND SN	PAR S/N		FLUOR S/N	N				
FIRED DEPTH			SAMPLE	SAMPLE BOTTLE NUMBERS				
SEQ. DESIRED	ROSETTE POSITION	SALT NUTRIENTS		CHL. Bot. no. Phyto.Species ALK (MC)	Dic	(MC)	des	COMMENTS
- 6 . 6		193 F						
2 50 %		\mathcal{L}_{j}	7					
3 6 -		W	٧.	,A		7	89H	
4.08		4	V					
2 1 2		5	V					
6		6	-					
7 /D.1		7		- J.		×*	17	
ه ک ک	-	S	/		-			
9								
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1								
12								
bucket			٨					
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DEG MIN DEG DEG MIN DEG DEG MIN DEG TIMES SS SN DATA ON TEMP SN START DO TEMP SN AT DEPTH COND SN AT SURFAC COND SN AT SURFAC COND SN ROSETTE POSITION 70 70.8 40 40.6 41 A 41	VGITUDE DA MIN D JD/TIME SALT NUTRIE	JD= MO YR A P R O 6 SAMPLE BOT. no.	TIME (GMT) HR MIN AR on Bridge (Phyto.Species A	Dic ()	PRESSURE * SEA STATE * VISIBILITY DIRN. DO RN.	WIND OU THE BOTTOM SPD. CI TYPE BOTTOM DEPTH STA. NAME/ID PETH STA
7/		_	Alyw.apacies Ali	- -		COMMENTO
02	[0]					
93	· .					
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s 30 30.4	194 13	3				
6 20 20,4	71		V			
7 10 10.4	<u>ئ</u>	\	1) ii
8 0 3.0	16	\	_			
9				1.	·	
10						
12						
bucket						

VESSEL R/V Thomas G. Thompson	G. Thompson	CRUISE ID	- P	PROJECT & LEG		DSDB I.D. 17706			STATION DESIGNATION
				100		111.00	-		
CONSC			, 24		0312		SSURE	STATE	OUD (amt) E ATHER
CAST #	LATITUDE	LONGITUDE	JDE DATE JD=	**	TIME (GMT)	DRY BULB W	WET BULB 8	SEA	TYP
DEG	⊢	DEG	DAY	MO YR		\blacksquare	<u> </u>	*	* * (m)
03115	823.95 _N	117523	33 w 23 A	P R 0 6	03157	7.2		3	20
SBE 9+		TIMES	JD/TIME						REMARKS
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							MAX. DEPTH =
SEC COND SN		PAR S/N		FLUOR S/N					
FIRED DEPTH	H			SAMPLE BO	SAMPLE BOTTLE NUMBERS		100 1 1	- For Lisa	
SEQ. DESIRED	ROSETTE POSITION		SALT NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)	K (MC)			COMMENTS
<u>-</u>	4.0 4	او	195 17						
2 6	60 60,2		F						
ω 57	So. 50.6		اما	X					
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6	26.5		22	7			3		
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8	0 3,1		りた	×		ونم	~		
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10							_		
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12					-				
hinket									

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VESSEL	CRUISE ID		PROJECT & LEG	CI	DSDB I.D.		STA	STATION DESIGNATION	
R/V Thomas G. Thompson	TN193		ICE06		11706		-		
16.66	5	74:09		2430		· • • · · · · · · · · · · · · · · · · ·		UD (amt) E THER	CHHZ
CAST # LATITUDE	LONGITUDE	DATE	JD=	TIME (GMT)	DRY BULB W	WET BULB	SEA	CLO TYPI WEA DEPTH	STA. NAME/ID
1	DEG	DAY	MO YR	Н		5	* * (deg)	* * * (m)	
0325816.62	2 N 17 @ 24	. 69 w 23	A P R 0 6	0652	7 3		338		H h
SBE 9+	TIMES	JD/TIME						REMARKS	
PRESS SN	DATA ON			PAR on Bridge (µEinsteins m-2s-	insteins m-2s-1	-			
PRI TEMP SN	START DOWN				:				
SEC TEMP SN	AT DEPTH								
PRI COND SN	AT SURFACE							MAX. DEPTH =	3
	PAR S/N		FLUOR S/N						
FIRED DEPTH			SAMPLE BO	SAMPLE BOTTLE NUMBERS	3	30			
SEQ. DESIRED ROSET	ROSETTE POSITION	SALT NUTRIENTS		CHL. Bot. no. Phyto.Species ALK (MC)	DIC	(MC)	Oil Ser M College	COMMENTS	
1 70 71¢	1	52 961					_		
2 60 GAH		26							
3 50 50,3		27					:		
4 40 44.7		20					d		
5 30 36.5		29							
6 20 20,0		30	e e					22.	
7 10 14.2		3)				R			
8 0 2,6		32							
9		Х.	ō						
10									
11						- 3	**		
12									
bucket							ï		

VESSEL R/V Thomas	VESSEL R/V Thomas G. Thompson		CRUISE ID		PROJE	PROJECT & LEG		DSDB I.D.	Đ.		STA	STATION DESIGNATION	
į	_	90		24.64			218\$			TATE			£#32
CAST #	٤	LATITUDE	LON	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESS SEA S VISIBI	DIRN. SPD.	CLOU TYPE WEAT DEPTH	STA, NAME/ID
03	S 89 7	ト ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	DEG 2	9		MO YR		(°)		*	7	(m) * *	9H O
+6 38S			TIMES	5								REMARKS	Ī
PRESS SN			DATA ON				PAR on Bridge (µEinsteins m-2s-1	(μEinsteins m-2	2s-1) =				
PRI TEMP SN	_		START DOWN										
SEC TEMP SN	ž 		AT DEPTH										
PRI COND SN	z		AT SURFACE									MAX. DEPTH =	3
SEC COND SN	SX		PAR S/N			FLUOR S/N							
FIRED DEPTH	HIG					SAMPLE BO	SAMPLE BOTTLE NUMBERS				300		
SEQ. DE	DESIRED	ROSETTE POSITION	OSITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	21.45	3 ISSA COMMENTS	COMMENTS	
	4.0	4,2	55	26)	33								
2	50	50,6			46	X							
ω	40	40.7			200	×				`	78		
4	S	30.5			36	X							
S	20	20.2	(4))			×						į	
6	ō	1.41			38 8	*			45		40		
7	c	2, 5				×							
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9	39								5				
1 0			:										
=									3				
12		;											
bucket	· · · · ·				5				į			:	

VESSEL	l		CRUISE ID		PRO	PROJECT & LEG		DSDB I.D.	D.		-51	STATION DESIGNATION	NOI	
R/V The	R/V Thomas G. Thompson		TN193		ICE06	06		17706			-	-		
										\TE		(amt)		THU
CONS		08,10	17	23.90	_		4004			STA BILIT		UD (4112
CAST #		LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA	DIRN. S	TYP: WEA	DEPTH ST	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	Ĉ	(°C)	*		* *		
<u>0</u>	4	00 - - - N	1 Z Φ 23.		98 w 23 A	۰, ۱		7.7	•	[5]	77	4)	41	h H h >
SBE 9+			Samil	JD/	JD/TIME							REMARKS		
PRESS SN	ž		DATA ON				PAR on Bridge (µEinsteins m-2s-	(μEinsteins m-	2s-1) =	:	r			
PRI TEMP SN	P SN		START DOWN	·]			~~77+S	مع الم	ared is	×-6				
SEC TEMP SN	NP SN		AT DEPTH				ctd 2	2	form of					
PRI COND SN	ID SN		AT SURFACE					(1		MAX. DEPTH =	11	3
SEC COND SN	ND SN		PAR S/N			FLUOR S/N								
FIRED	FIRED DEPTH					SAMPLE BO	SAMPLE BOTTLE NUMBERS	0,	34					
SEQ.	DESIRED	ROSETTE POSITION	DSITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	Slikes	Ū	COMMENTS		
	bottom	から	,	198	W.H	·				ę	Ŀ			
2	02	64.9			<u>با</u>			٠			,			
ω	ş	50,4			42	×								
4	ų O	₩, ï			HJ.	Y				1				
5	8	361	-		44	×								
6	3	28.1	-		Ч5	*								
7	ō	H(Q)H			46	*				1				
æ	0	3.2			44	×								
9							,					4		
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)	 10	9	8 0 2.9	7 (0 14.4	6 % 24.4	5 36 36.4	10 HD.7	3 50 56,6	2 60 Gd.4	1 bottom 69,6	SEQ. DESIRED ROSET	FRED DEPIH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	¢35 5803.φΦ	DEG MIN	CAST # LATITUDE	43.43	R/V Thomas G. Thompson	VESSEL	
										~	ROSETTE POSITION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	z	DEG	LON		TN193	CRUISE ID	ē.
									i.	199	SALT			ñ				JD/7	& 2	MIN	LONGITUDE	23,83			
			55	54	53	52	15	56	(ዓ)	3h	NUTRIENTS						U	JD/TIME	>		DATE JD=		ICE06	PRO	
					-						CHL Bot, no.	SAMPLE BO	FLUOR S/N			l			R)	MO YR)6	PROJECT & LEG	13
											CHL Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS			85		PAR on Bridge (µEinsteins m-2s-1		44	표 MIN	TIME (GMT)	11 39			×
							==					"					(μEinsteins m-ί	ege.	1 7 00	(°C)	DRY BULB		1П06	DSDB I.D.	II HZ
			_								DIC (MC)	35					≥s-1) =				WET BULB			D.	
1		1,100					:												(s)	*	SEA :	SURE STATE ILITY			
		- THE STATE OF THE						50		W.	COMMENTS			MAX. DEPTH =				REMARKS	$\overline{}$	* *	TYPE	ID (amt)		STATION DESIGNATION	46
														m					C 4 # 5		STA. NAME/ID	C4H5			

VESSEL	×	CRUISE ID		PR	PROJECT & LEG		DSDB I.D.	LD.		STA:	STATION DESIGNATION	
					0	5.5				-	t)	
	58.00	٠,	23.65			1319			SSURE STATE		OUD (amt) PE ATHER	CHH6
CAST #	LATITUDE	LON	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SE/	DIRN. SPD.	CLC TYF	STA. NAME/ID
0EG 575	5 M N	DEG 2 3	4	9 W 2 3 A	P MO XR	HR MIN	1 CO	. G	(me)	(deg) (m/s)	(m)	<u>ب</u>
+6 38S		TIMES	/ar	JD/TIME							REMARKS	
PRESS SN		DATA ON				PAR on Bridge (µEinsteins m-2s-1	(µEinsteins m	2s-1) =				
PRI TEMP SN		START DOWN										
SEC TEMP SN		AT DEPTH										
PRI COND SN		AT SURFACE									MAX. DEPTH =	3
SEC COND SN		PAR S/N			FLUOR S/N	٧						
FIRED DEPTH					SAMPLE B	SAMPLE BOTTLE NUMBERS	S	84		175		
SEQ. DESIRED	ROSETTE POSITION	SITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL Bot. no. Phyto.Species ALK (MC)	ALK (MC)	DIC (MC)	Slight	(COMMENTS	
1 batter	7¢.4		200	5%		E Properties						
2	6.42			45			#					
3 %	5¢.5			58	X			S				
4	1.8h			59	X				N/N/N	1	<i>1</i> 77	
<i>م</i>	34.4	i		0	×						:	
6 20	24.1			61	À							
7 10	١٨,3			62	A				4 1918			
0	2.5			63	X				61101	5		
9						G						
10				8						;		
						OX.						
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12								F				

VESSEL R/V Thomas G. Thompson	CRUSE ID		PROJECT & LEG		DSDB I.D. 1TT06	E) ES	
CONSC LATITUDE		LONGITUDE DATE	E JD.	TIME (GMT) DRY	DRY BULB WET BULB	PRESSURE SEA STATE VISIBILITY DIRW.	SPO. CLOUD (amt) TYPE WEATHER DEPTH	STA. NAME/ID
DEG.	DEG		Y MO YR		H	* * (deg)	* * * (m)	
0375809	49 N 1702	0.80w2	3 A P R 0 6	1640-8	1.4	330		443
SBE 9+	TIMES	JD/TIME			•		REMARKS	
PRESS SN	DATA ON		-	PAR on Bridge (µEinsteins m-2s-	teins m-2s-1) =	7		
PRI TEMP SN	START DOWN			trad list	of 2 prints	the Hoad wa		
SEC TEMP SN	AT DEPTH			3	ISSION DIOCH	2		
PRI COND SN	AT SURFACE			55 miles	ار الایکاری	od to	MAX. DEPTH =	3
SEC COND SN	PAR S/N		FLUOR S/N			9		[
FIRED DEPTH			SAMPLE BO	SAMPLE BOTTLE NUMBERS				
SEQ. DESIRED	ROSETTE POSITION	SALT NUTRIENTS		CHL Bot. no. Phyto.Species ALK (MC)	MC) DIC (MC)		COMMENTS	
1						1) Sangles	A+(A Atalodule	
2						2CTDs	Some alimenta	
ω						15th 2 Reduct	the CITY Same S	to
4								
5	*:			37				
6			49					
7								
ω						4		
9								
10								
11								
12							- Andrews	
bucket								

VESSEL			PRC	PROJECT & LEG		DSDB I.D.	,		STATI	STATION DESIGNATION	
R/V Thomas G. Thompson	TN193		ICE06	06		11106		_	9		
CONSC			·		funtile 1630			RESSURE EA STATE ISIBILITY	WIND	OUD (amt) (PE EATHER BOTTOM	
DEG	DEG	MIN DIVE	DAY JU=	Mo i	HR MIN	ORT BUILD	WE! BOLD	* SI	_	* CI * T' * W	O A. NAME/ID
χ 7	. S O N /	0	>	~ C	0	<u>,</u> ठ			<u>V</u>		7
	TIMES	JO	JD/TIME		200					REMARKS	
PRESS SN	DATA ON	[PAR on Bridge (µEinsteins m-2s-1	(μEinsteins m-⁄		0			
PRI TEMP SN	START DOWN			İ	Second	C	4	7	0		
SEC TEMP SN	AT DEPTH	<u> </u>			100 01	5 4. 110.	1	7.7	Smoll		
PRI COND SN	AT SURFACE			//S	2000	100	24725	70.00	5	MAX. DEPTH =	3
SEC COND SN	PAR S/N			FLUOR S/N	4						
FIRED DEPTH				SAMPLE BO	SAMPLE BOTTLE NUMBERS		99				
SEQ. DESIRED	ROSETTE POSITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)		cc	COMMENTS	
1 69.2			64								
2 60,6			59	`							
3 50.3			99	\			54				
4 40-4			67							8	
s 30.2			68	_			-				
6 20,5		020	69	<u></u>							
7 10.5	,	T C	70	\					3		
8			7)	/					•		
9				•							
10						_					
=							Ξ	į			
12											
bucket		•									

VESSEL R/V Thomas G. Thompson	CRUISE ID TN193	PROJECT & LEG	Γ & LEG	DSDB I.D.	STA	STATION DESIGNATION CHAPTS
IV 4 HOHRS G. HOHRSON	22	ICEVO	_	1106		
CONSC LATITUDE	DE LONGITUDE	DATE ID	TIME (GMT)	DRY BUILB WET BUILB	PRESSURE SEA STATE //SIBILITY DIRW SPO	CLOUD (amt) YPE VEATHER DEPTH STA NAME (1)
DEG	DEG		TR HR MIN	-	(mb) * * (dea)	* * * (m)
0398811.	76 N1 7019.5		6 /	-8	8 8 8	
SBE 9+	TIMES	JD/TIME		5-98 075		REMARKS
PRESS SN	DATA ON		PAR on Bridge	PAR on Bridge (µEinsteins m-2s-1) =		
PRI TEMP SN	START DOWN	1911				
SEC TEMP SN	AT DEPTH	1813	í			
PRI COND SN	AT SURFACE					MAX. DEPTH =
SEC COND SN	PAR S/N	- -	FLUOR S/N			
FIRED DEPTH		S	SAMPLE BOTTLE NUMBERS			
SEQ. DESIRED	ROSETTE POSITION SALT	NUTRIENTS CHL	CHL. Bot. no. Phyto.Species ALK (MC)	ALK (MC) DIC (MC)		COMMENTS
- 69:		2 >> 2				
2 00.14	020	2 73				
F.05		/ h£				
40,4		75 .				
5 30.4		76				
6 2014		77/	,			
7 10.1		181				
& S S		79 /				
9						
10					**	
12						

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VESSEL CONSE CHARGE CH																					-						
COUSE D ROBERT & LES TITTOS LATTILOS LATTILOS LONGIDE LONGID	bucket	12	11	10	╁		-		-	-		_	-	₩	FIRED	SEC COND	PRI COND S	SEC TEMP :	PRI TEMP S	PRESS SN	SBE 9+	\sim		CONSC CAST #	R/V Thoma	VESSEL	
CRUSE D RECOG					3,	2,0	-0	0.2	1014	0	9016	8.0	00	SIRED	HIGS	SN	ž	¥ 	ž				-	_	as G. Thomp		
DODELOS INTO DESCRIPTION AND PROJECT & LEG PAR OF BRIDGE MATCH A P R O O O O O O O O O O O O O O O O O O														ROSE		!				ļ		<u>+</u>	X	ATITUDE	son		
DODRILO ICCOG INTO DESCRIPTION ICCOG INTO DEVI ALLS INTO DATA	9									į				TTE POSITION			AT S	ATO	STAF	DAT	TIME		0		TNI	CRU	
MATRIBUTS ONLEGGE INVE (GHT) DAY BLE THE (GHT) DAY BLE WET BLE RESSTATED SAFE SOTTOM NATION DESIGNATION SET TO CO (CO) (ο _Ν	1	AR S/N	URFACE	EPTH	RT DOWN	A ON	S		L	LONG	93	SE ID	
INVECTOR LEG DSDB LD. INVECTOR LEG DSDB LD. INVECTOR DAY DAY DAY DAY DAY DAY DAY DAY DAY DAY					,		:			,			204	SALT				ı	1	1	<u>_</u>	3	<u>S</u>	ATUDE.			
DSDB LD. TIME (GMT) DRY BULB WET BULB SESSIBLE WIND WIND DESIGNATION DESIGNATION A P R O G O DESIGNATION C'C) (C) (C) (MB) * SISSIBLE WIND WIND DESIGNATION DESIGNATION DESIGNATION DESIGNATION WIND DESIGNATION DESIGNATION DESIGNATION DESIGNATION WIND DESIGNATION WIND DESIGNATION DE					80	201	200	35	00	() ()	20	2	68	NUTRIENT							D/TIME	7	DAY	DATE			
DSDB LD. TIME (GMT) DRY BULB WET BULB PRESS STATE Y HR	-				6	*		•		-		, , , , , , , , , , , , , , , , , , ,		<u> </u>	Ş							ΑP			ICE06	PROJECT	
SDB LD. STATION DESIGNATION LESS WATER WET BULLS PRES STATE (°C) (mb) • V V V V V V V V V V V V V V V V V V	_													Bot. no. Ph	MPLE BOT	UOR S/N_		,		<u> </u>	•	0 6	H	·		& LEG	
STATION DESIGNATION LES WET BULB PRESSURATION SED. COMMENTS STATION DESIGNATION LES COMMENTS STATION LES COMMENTS STATION DESIGNATION LES COMMENTS STATION DESIGNATION LES COMMENTS STATION DESIGNATION LES COMMENTS STATION														yto.Species	TLE NUMBER			here	45217	\R on Bridge		02	HR MIN	IME (GMT)			
WET BULLS WET BULLS RESSURE SURE (°C) (mb) * (deg) (m/s) * (deg) (m/s) REMARKS REMARKS COMMENTS COMMENTS TATION DESIGNATION (m) (m) REMARKS COMMENTS		,						,						ALK (MC)	Š			7	d vo c	(µEinsteins		· &	(°C)	DRY BUL	111	DSI	
STATION DESIGNATION (mb) * SEA STATE VISIBILITY DIRN. SPD. CLIMENTS (deg) (m/s) * WEATHER DEPTH * WEATHER COMMENTS COMMENTS COMMENTS													1	DIC (MC	53	: 	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	0000		1		_	(در		.06	B I.D.	
STATION DESIGNATION * SEA STATE * VISIBILITY DIRN. SPD. CLOUD (amt) * TYPE MAX. DEPTH * WEATHER DEPTH * WEATHER (m) COMMENTS COMMENTS				_	-													30	216								
STATION DESIGNATION STATION DESIGNATION WIND DIRN. SPD. CLOUD (amt) TYPE WEATHER DEPTH * WEATHER (m) (m) (m) (m) (m) (m) (m) (m																		4	-2-)v		7	*	SEA STATE			
STATION DESIGNATION WIND DUD (amt) SPD. CLOUD (amt) TYPE WEATHER DEPTH * WEATHER (m) (m) (m)																		P P	ž		1	W					
ATION DESIGNATION S REMARKS ATION DESIGNATION * CLOUD (amt) * TYPE * WEATHER DEPTH (m) (m)																		Q				<u></u> 21				Ŋ	
														COMM			₹				RE	9				NOITAT	
														ENTS			X. DEP1				MARKS		*	TYPE		DESIGN,	
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NAME/ID			7										=				7					Ū				1	
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VESSEL R/V Thomas G. Thompson	×	CRUISE ID TN193		PROJE	PROJECT & LEG ICE06		DSD8 I.D.	p.		S	STATION DESIGNATION
	21,66	2	21.83			4178			SURE STATE	j	JD (amt)
CAST #	LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA S	DIRN.	TYPE
DEG	MIN	DEG	MIN		MO YR	HR MIN	(°C)	(°C)	*	(deg)	* (
32	1 . 6 6 N 1			>	77	0	4-	i	1	(7)	47
SBE 9+		TIMES	JD/	JD/TIME							REMARKS
PRESS SN		DATA ON	t [PAR on Bridge	PAR on Bridge (µEinsteins m-2s-1	2s-1) = 2-5	G.		193042
PRI TEMP SN	S	START DOWN			-	PUNNO	Pump slows	Starting	P1-2-49	brund by back in the	' l
SEC TEMP SN	A	AT DEPTH				-	- 1	<u>a</u>			
PRI COND SN	A	AT SURFACE									MAX. DEPTH =
SEC COND SN		PAR S/N			FLUOR S/N	Z	1				=
FIRED DEPTH		T			SAMPLE B	SAMPLE BOTTLE NUMBERS	S	19		ore .	
SEQ. DESIRED	ROSETTE POSITION	SITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)	ALK (MC)	DIC (MC)			COMMENTS
1 bot	91.0	33	206	88/0/							2
2 88	80,8			90/00							
*	3.05			91 62				Ε.			
1	8.65			92 104							
5 50	4.00			93 /05	,						
6 40	9,6			89 /01	21						
1	34.4			9/5 107							
8 20	24.1			6/2 10%							
9	10.1			101 56	**						
10	2,7			1/8/118							
11				5							
12											

VESSEL	1		CRUISE ID		PR	PROJECT & LEG		DSDB I.D.	,		STA	STATION DESIGNATION	X
NA LINII	KV V FIIOIIIAS G. I IIOIIIPSON		INIBS		ICEU6	06		11106		-	8		1/1
5	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	なれた		76,64			4846			SURE STATE ILITY		ID (amt) THER	
CAST #		LATITUDE	LON	GITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA	DIRN. SPD.	CLOL TYPE WEAT BOTTOM	STA, NAME/ID
0 4 2 5 B	_	7 7 N	7 DEG	2 9 F 5	DAY	MO YR	6- H 73 M - M 0- M	(2)		*		* * * (m)	4 75
SBE 9+			TIMES		JD/TIME		-			-	ŀ	REMARKS	
PRESS SN	1		DATA ON				PAR on Bridge (µEinsteins m-2s-	μEinsteins m-2	·s-1) =				
PRI TEMP SN	SN 		START DOWN							i			
SEC TEMP SN	NS.		AT DEPTH					i					
PRI COND SN	SN		AT SURFACE									MAX. DEPTH =	3
SEC COND SN	NS (PAR S/N			FLUOR S/N							
FIRED DEPTH	DEPTH					SAMPLE BO	SAMPLE BOTTLE NUMBERS			:		,	
SEQ. D	DESIRED	ROSETTE POSITION	NOITIN	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)	e C	DIC (MC)			COMMENTS S (L	
	toot	86,6	80	267	¥					Value,	200		
2	s ቲ	75,7			N. T.					املاسع	3		
ω	60	60.8			Z	`			ie	Ualux) ac.		
4	50	54.6			案		3.56			Jelus	cpa-	,	
v	ЦO	to, 5			2							30	
6	36	34,6			116	Ξ.							
7	20	4.45			17						3		
8	õ	Φ,Φ1			Ź					John	3350	3	
9	0	2,7			(10)								
10													
=									==				
12		W.					_						
bucket													

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VESSEL	-	CRUISE ID		PRO	PROJECT & LEG		DSDB I.D.	D.		ST	STATION DESIGNATION	7 7
R/V Thomas G. Thompson	mpson	TN193		ICE06	96		11106					- G //
	19,94	S)	00 00 00 00 00 00 00 00 00 00 00 00 00			0958			TATE		D (amt) HER	
CAST #	LATITUDE	LONG	TUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRES SEA S VISIB	WIND W	WEAT DEPTH OF	STA. NAME/ID
DEG	MIN	DEG	X.X		MO YR	HE NEW	Ĉ	- 1	*		* (m)	
04 458	1 3.94 N		4	w 2 4 A	R C	Λ _γ	7-7-1	一	6	<u>দা</u>		1 2 J
SBE 9+		TIMES	/gr	JD/TIME	- 1						REMARKS	
PRESS SN		DATA ON				PAR on Bridge (µEinsteins m-2s-	μEinsteins m-:	2s-1) =		-	-	
PRI TEMP SN		START DOWN			ļ							
SEC TEMP SN		AT DEPTH			,							
PRI COND SN		AT SURFACE									MAX. DEPTH =	3
SEC COND SN		PAR S/N			FLUOR S/N							
FIRED DEPTH					SAMPLE BO	SAMPLE BOTTLE NUMBERS	•					
SEQ. DESIRED	ROSETTE POSITION	DSITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)			COMMENTS	-
1 8 3+	4.88		208	87		í						
2 - 2	 			, ده								
3 60				W						:		
4 40		,		: 								
5 30	30,2			5								
6 20	24,7			<u>6</u>					i i			
7 10	14.3			7		-				a		
® 0	2.6			8					,			
9			,		-							
10			į									
=												
12												
hiirket												

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VESSEL		CRUISE ID		PR	PROJECT & LEG		DSDB I.D.	D		N.	STATION DESIGNATION	
R/V Thomas G. Thompson	ompson	TN193		ICE06	06		17706	•		-		CCH5
	10.05	£	40.13			S.₩			TATE) (amt) HER	
CAST #	LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESS SEA S VISIBI	DIRN.	WEAT DEPTH	STA. NAME/ID
0 4 5 8	MIN O	ر ا ا	7		MO YR	HR MIN	(3)	(5,)	(mb) *		*	n / _
		TIMES	<u>,</u>	_ F		-				-	REMARKS	
PRESS SN		DATA ON				PAR on Bridge (µEinsteins m-2s-1	(μEinsteins m-	2s-1) =			13964591	e H
PRI TEMP SN		START DOWN										- 1
SEC TEMP SN		AT DEPTH										
PRI COND SN		AT SURFACE									MAX. DEPTH =	3
SEC COND SN		PAR S/N			FLUOR S/N							
FIRED DEPTH					SAMPLE BO	SAMPLE BOTTLE NUMBERS	S	84		1 11		
SEQ. DESIRED	ROSETTE POSITION	OSITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)			COMMENTS	
- 00+	94.3	5	209	9		:	:				Д =	
2 75				10								
3 60				7								
4 58	<u> </u>			12								
5 40	<u> </u>			رد)								
6 50				71								
7 20	o 24.1			. 51						224	:	
8 0	10.2			<u>.</u>							Ā	
9	2.9			デ								
10										:		
=												
12											40	
												-

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VESSEL	CRUISE ID	P	PROJECT & LEG		DSDB I.D.		STAI	STATION DESIGNATION	, H,
R/V Thomas G. Thompson	TN193	ic.	ICE06		1П06				COTIC
06.13	 F	W. 40)hh 21				JD (amt) THER	
CAST # LATITUDE	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB 1	WET BULB	SEA S	CLOU TYPE WEAT BOTTOM	STA. NAME/ID
DEG MIN	DEG	<u>'</u>	MO YR	HR MIN	(2)	(dm) (C)	* * (deg)	* * * (m)	
11. 288C940	N 1 7 1 4 5	92 w 24 A	P R 0 6	1348-	4.6	•	3 25210	102	C646
SBE 9+	TIMES	JD/TIME						REMARKS	
PRESS SN	DATA ON		T-0	PAR on Bridge (µEinsteins m-2s-1	Einsteins m-2s-	1) =			
PRI TEMP SN	START DOWN	Ì							
SEC TEMP SN	AT DEPTH								
PRI COND SN	AT SURFACE							MAX. DEPTH =	3
SEC COND SN	PAR S/N		FLUOR S/N						
FIRED DEPTH			SAMPLE BOT	SAMPLE BOTTLE NUMBERS					
SEQ. DESIRED ROSETTI	ROSETTE POSITION S.	SALT NUTRIENTS	CHL Bot. no. P	CHL. Bot. no. Phyto.Species ALK (MC)	K (MC) DIC	(MC)	C	COMMENTS	
1 bot 92.4	2	2(0	<u>%</u>						
2 75 75.6			19						
3 Cp Cd.7			26						
4 50 Ed.3			7(
5 40 4p,2	,		22						
6 36 34.4			23						
7 20 24.1			24					7.00	
h'¢1 01 8			25					îs.	
9 0 2,3			26				e de la companya de l		
10									
12									
bucket									

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bucket	12		10	9	æ	7	6	S	4	ω	2	 SEQ. DESIRED RC	FIRED DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	0475817.	DEG MIN	CONSC LATITUDE	R/V Thomas G. Thompson	VESSEL	
												ROSETTE POSITION SALT		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	11271.16	DEG	LONGITUDE	TN193	CRUISE ID	
							- 1					NUTRIENTS CHL. Bot. no.	SAMPLE BO	FLUOR S/N					JD/TIME	APRO		DATE JD=	ICE06	PROJECT & LEG	
												CHL. Bot. no. Phyto.Species ALK (MC) DIC	SAMPLE BOTTLE NUMBERS	4 0	Manu Telly C		No ice in sight	PAR on Bridge (µEinsteins m-2s-1		01-4	(°C)	TIME (GMT) DRY BULB W	1П06	DSDB I.D.	
												(MC)			*	thy Lika		1) = 10		1 223	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DIRN.	=.		
												COMMENTS			MAX. DEPTH =				REMARKS	<u>u</u> <u>a</u>	* * * (m)	SPD. CLOUD (amt) TYPE WEATHER DEPTH S		STATION DESIGNATION	12
		.1			,										3				-	1 H + D		STA. NAME/ID	C/4/		

RAV Thomas G. Thompson	on TN193	ICE06	ICEO6		11106 031111		STATE	
CONSC LA	LATITUDE LONGITUDE	DATE JD.	-	TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATI VISIBILITY	WIND WIND SPD.
DEG	DEG	DAY	MO XR		ි		* (_
- 1858hO	127	58 w 24 A	R 0 6	-	4.4			-
SBE 9+	TIMES	JD/TIME						
PRESS SN	DATA ON		9	PAR on Bridge (µEinsteins m-2s-	_u Einsteins m-2:	s-1) <u> </u>	-	^
PRI TEMP SN	START DOWN			Coic	16	Sichel	2 Mal	5.0
SEC TEMP SN	AT DEPTH		 	4		0.		*
PRI COND SN	AT SURFACE	ı		ci e				
11 -	PAR S/N		FLUOR S/N_					
FIRED DEPTH			SAMPLE BOT	SAMPLE BOTTLE NUMBERS				100
SEQ. DESIRED	ROSETTE POSITION SALT	NUTRIENTS	CHL. Bot. no. Phyto.Species ALK (MC)	hyto.Species A		DIC (MC)		COMMENTS
168 1	02	7					Solt somp	ple collected
2 75,8		2					hand !	ISY ASI
3 60,5		3					,	
4 50 16		4					•	
5 40%	223	5 43	<u></u>	1				
6 30.3		6	(٠				
7,19,7		7	\	. 1/				,
8 0 14		&	7	<u> </u>				
9 3.7		S		7		ī		
10		•						
=						,		
12					,			
hinket		-						

	bucket	12	=	10	9.7.5	8 /0.0	7 20:2	6 30, (5 40,3	4 501	3 60 7	2 70,7	1 78.	SEQ. DESIRED	FIRED DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	35 Ph 0	CONSC CAST #	VESSEL R/V Thomas G. Thompson
							2		3		1		2	ROSETTE POSITION								2	LATITUDE	Thompson
									. 22					POSITION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	-	LON	CRUISE ID TN193
													213	SALT				1	1		JD/	0.83	LONGITUDE	
New	,				18	17	6	15	14	, i) }	2)	10	NUTRIENTS							JD/TIME	₩ 22 A	DATE JD-	ICE PR
ed						Z	<	7	V	5				CHL. Bot. no.	SAMPLE B	FLUOR S/						P R 0 6	5	PROJECT & LEG
. ;					7	ζ.	<		~					CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS	2		100	100	PAR on Bridge		1182	⊣;;	
								19						ALK (MC)	RS			eda v	C / Km	PAR on Bridge (µEinsteins m-2s-		7	DR.Y	DSD8 I.D.
3										-				DIC (MC)			1 1	1 2007 ju	100	; 		- 6	WET BULB	6 LD.
																	[]	n or the	o Lac	26%	•		PRESSURE SEA STATE VISIBILITY	
	Ē					.	-										,	,				208	WIND DIRN.	
					355									COMMENTS		,	MAX. DEPTH =	<u>-</u>			REMARKS		CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
										-					3.4		3			-		15 K 74	OM STA. NAME/ID	C7+2

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b.	<u> </u>			Т	Т	\top	Т	Τ-	Т	Т	Γ	Ţ	r _s	77	SE SE	PR	32			SE	0	Г	0.5	₹	<u></u>	
bucket	12	=	10	9	∞	7	6	5 /	4	3	2		SEQ.	FRED	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	050		CAST #	V Thon	VESSEL	
				W	10:2	20 2	30:7	h' 97	50.5	5 49	71.1	81.3	DESIRED	DEPTH	NS (SS	SN	SN			35%	DEG		R/V Thomas G. Thompson		
-	<u> </u> 	L	<u> </u> _	<u> </u>		2		<u> </u>		73											22	X Z	<u> </u>	hompso		
													RO								2	z	LATITUDE	3		
		U.											ROSETTE POSITION								N N		-			
												===	озпю			AT SU	AT DEPTH	START	DATA ON	TIMES	1	DEG		TN193	CRUISE ID	
								iii					2		PAR S/N	AT SURFACE	HTH	START DOWN	8		1/10	ြ	5	ω	₽	
												2	SALT					_			2	MIN	LONGITUDE			
												41	7				l	<u> </u>	1	ъ	8	~	m			
					28	2	2	1.8	N	N			NUTRIENTS						W	JD/TIME	w 2		8			
					0	7	45	23	22	_	00	-2	ENTS							-	4 A	DAY	DATE JD=	⊡	<u> </u>	
				k	<	~	<		k				어.	\$]					P R	8	•	ICE06	PROJECT & LEG	
						\	\		1				ot. no.	MPLE B	FLUOR S/N						0 6	¥			\$ LEG	
					<			7					CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS					PAR o		72	픘	TIME			
	28						•						Species	NUMBER					դ Bridge		S	X Z	TIME (GMT)			
													ALK (A	S	ľ				PAR on Bridge (µEinsteins m-2s-1)	1	2	(DRY			
													Ċ						teins m		-	C)	DRY BULB	17706	DSDB I.D.	
									V				DIC (MC)	1					-2s-1)				WET	"	ē	
													Ō						H		•	(°C)	WET BULB			
							-											1	25		08	(mb)	PRESSURE			
										V									ν·,			*	SEA STATE VISIBILITY	1	i	
						30															<u>~</u>	(deg)	WIND DIRN.			
														-							\Diamond			_	झ	
													COMMENTS			₹		_		 R	U	(s/m)	SPD. WIND CLOUD (amt)	-	STATION DESIGNATION A	
													ENTS			MAX. DEPTH =	E-		500	REMARKS		*	TYPE WEATHER	1	DESIGN	
							- 5									코	}		loves !	0,	000	(m)	BOTTOM		IATION	
																_ `	5	1055	lu c		128	-		10 O	7 2	
																3	o mar	1.6:25	-		68		S A. N.			•
																-	ر ا ا	141)				STA. NAME/ID			
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bucket	12	=	ō	9	8	7	6	رم د	4	ω	N	-	SEQ.	FIRED	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	5		CAST #		R/V The	VESSEL
				O	0	8	30	Fa	50	00	75	pot	DESIRED	FIRED DEPTH	NS GIV	D SN	NS de	P SN	ž 	I	1575	DEG			R/V Thomas G. Thompson	
				2.6	ر 4.3	2¢.Ф	29,8	\$ 00	30.0	4.19	365	4.20	ROSETTE POSITION	×							7.78 N	MIN	LATITUDE	85,78	pson	
							,						OSITION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	~	DEG	LON		TN193	CRUISE ID
								88				215	SALT				}	1		JD	9.83	MIN	LONGITUDE	59,82		
				م س	3	. 1 18	رد دو دی	31.	30	Za	28	イと	NUTRIENTS	,						JD/TIME	w 25 A	DAY	DATE JD=			-
							574						CHL. Bot. no.	SAMPLE BO	FLUOR S/N						P R C	MO YR			ICE06	PROJECT & LEG
													CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS				Sho	PAR on Bridge		1 [HR MIN	TIME (GMT)	1004	-	
							·						_	S			4	Showing	PAR on Bridge (μEinsteins m-2s-1)		-7.8	(°C)	DRY BULB		111706	DSDB 1.D.
	-									,			DIC (MC)				,	c 2"	2s-1) =			(°C)	WET BULB			Ď
						33 MJux					,						200	16					PRES SEA VISIB	STATE		
!					*4	bottle							_								7		DIRN. SPD.		v	/IS
		÷			٠	Roam salm							COMMENTS			MAX. DEPTH =			19305161	REMARKS	10	* *		ID (amt) THER		STATION DESIGNATION
											-		497-194-194-194-194-194-194-194-194-194-194			3			の一分外		H 9 5 9		H STA. NAME/ID	たまわら		

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VESSEL R/V Thomas G. Thompson	-	CRUISE ID TN193		PROJE	PROJECT & LEG		1TT06			SIA	STATION DESIGNATION
36	00,40	F	55.94			0659)			SURE STATE BILITY		JD (amt) : THER
CAST # LAT	LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEA	DIRN. SPO.	CLOL TYPE
DEG	MIN	DEG	MIN		MO YR	HR MIN	(°C)	ш	(mb) * *		*
Ø525836	. 48 N	9 41 21	. 61	w 27 A	P R 0 6	Q7 Q3	-8-7	•		ų,	
SBE 9+	Т	TIMES	/ar	JD/TIME							REMARKS
PRESS SN		DATA ON				PAR on Bridge (μEinsteins m-2s-1	(μEinsteins m-		<i>S</i> ♦		
PRI TEMP SN	S	START DOWN							-		
SEC TEMP SN	A	AT DEPTH			:			:			
PRI COND SN	A	AT SURFACE			,						MAX, DEPTH =
SEC COND SN		PAR S/N			FLUOR S/N						
FIRED DEPTH		1			SAMPLE BO	SAMPLE BOTTLE NUMBERS		8.			
SEQ. DESIRED	ROSETTE POSITION	SITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)			COMMENTS
-											
2		-	E								
ω					ž.	a a					
4											
5		3				,					
6					ã					,	
7										٠	
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9										į	
10											
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12											:

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11 12	10	10	9 0 3.		1/2	7 20 20,2	6 30.4	5 46 Ho.6	4 50 50.6	3 66 60.5	2 75 75,9	1 601	SEQ. DESIRED ROSETTE POSITION	FIRED DEPTH	SEC COND SN PAR S/N		SEC TEMP SN AT DEPTH	PRI TEMP SN START DOWN	PRESS SN DATA ON	SBE 9+	836.46 N 1 71	LATITUDE DEG		R/V Thomas G. Thomason TN193	VECCE!
					, :							216	SALT NUT							JD/TIME	W CP	LONGITUDE	59.97		
			×		₹)	×	×	N	2	ن ×	2	g de la constante de la consta	NUTRIENTS CHL. Bot. no	SAMPLE	FLUOR S/N			:		."	A P R O	DATE JD=		ICEO6	DBO IECT & LEG
													CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS	/N		۲ -	1.HL stw.	PAR on Bridge (µEinsteins m-2s-		14 14	TIME (GMT) DR			
							:) DIC (MC)	85				stucture + 4	ins m-2s-1) = 3		6	WET BULB		11106	NOR ID
			Serling Co	C 3	ر ارد		-				O	Sold for chee	Sliges					# X	.ф			* SE.	A STATE SIBILITY		
			YOU TON YOU FE	70+0	5		,				to Noor	K2 451 ha	COMMENTS			MAX. DEPTH =				REMARKS		* CL * TY * WE	ATHER	STATION DESIGNATION	STATION DESIGNATION
			1 8 Tiles								-	& male ins				3					1 1 10	STA. NAME/ID			

VESSEL R/V Thomas G. Thompson	CRUISE ID		PROJE	PROJECT & LEG		DSDB I.D. 11TO6		E	STA:	DESIGNATIO	
CONSC CAST # LAT	18,25 LATITUDE	LONGITUDE	DATE JD=		1442 TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATE VISIBILITY	WIND WIND SPD.	CLOUD (amt) TYPE WEATHER DEPTH DEPTH	STA. NAME/ID
DEG	N DEG	MIN	DAY A	₹ 1	동 독	ී		*		* (m)	
\$545828	24 N	157.82	2 w 2 7 A	R C	1 D & 6 -	. 6		5	W		D1412
SBE 9+	TIMES	ʻar	JD/TIME						- 1	REMARKS	
PRESS SN	DATA ON			T-0	PAR on Bridge (µEinsteins m-2s-	μEinsteins m-2	s-1) =		=		
PRI TEMP SN	START DOWN	NWO									
SEC TEMP SN	AT DEPTH	<u> </u>									
PRI COND SN	AT SURFACE	CE	1	J						MAX. DEPTH =	æ
SEC COND SN	PAR S/N	/N		FLUOR S/N .							
FIRED DEPTH				SAMPLE BOT	SAMPLE BOTTLE NUMBERS		35				
SEQ. DESIRED	ROSETTE POSITION	SALT	NUTRIENTS	CHL. Bot. no. P	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	Į.	C	COMMENTS	
-	92.1										
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bucket						-					

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VESSEL	CRUISE ID	PR	PROJECT & LEG		DSDB I.D.	•		STATION DESIGNATION	ž
R/V Thomas G. Thompson	TN193	ICE	ICE06		11106				
2818	74,83	4)		1016			SURE STATE LITY	D (amt) HER	10) Dett
CAST # LATITUDE	LONGITUDE	DATE JD=			DRY BULB	WET BULB	SEA	SE SE SE SE SE SE SE SE SE SE SE SE SE S	DEPTH STA. NAME/ID
DEG MIN	DEG MIN	DAY	MO YR	\dashv			*	(m/s) * * *	7
055828.2¢ N	12/58	23WZZA	~	~	<u>00</u>		(7)	1 4 5	6 41 6 1 4
SBE 9+	TIMES	JD/TIME						REMARKS	
PRESS SN	DATA ON		.70	PAR on Bridge (µEinsteins m-2s-	Einsteins m-2s	·1) = ¢		19305	500
PRI TEMP SN	START DOWN								
SEC TEMP SN	AT DEPTH								
PRI COND SN	AT SURFACE							MAX. DEPTH =	3
SEC COND SN	PAR S/N		FLUOR S/N						
FIRED DEPTH			SAMPLE BOT	SAMPLE BOTTLE NUMBERS					
SEQ. DESIRED ROSETTE POSITION	OSITION SALT	NUTRIENTS	CHL. Bot. no. Phyto.Species ALK (MC)	hyto.Species Al	K (MC) DIC	(MC)	DISAbs	COMMENTS	
1 bot 94.8		1						***	
		کر		_					
3 65 64,6		נט				-			
4 50 54.5		J.W.	X						,
5 40 HO.5		5	×			-	KD21		
6 30 3b.H	-	16	×				,		
7 % 24.0		4	Κ.		-		88		
8 0 0 0		8	×				x D 25		
9 0 3,4	-	19	× ×						
10									
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8 /0.2 9 7 7 11 11 12		 			L	- 20,4	6 37.2	5 40.3	50.3	4.09	2 75.6	8.78	SEQ. DESIRED RO	FIRED DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	0562841.9	CONSC CAST # LATITUDE	VESSEL R/V Thomas G. Thompson	
	4											73	ROSETTE POSITION SALT		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	3 N 1 71 41.	LONGIT	CRUISE ID	
			-	- 1	28 27	Z	25	24	23	22	211	Q\$	NUTRIENTS							JD/TIME	75 W 27 A	DATE JD=	PROJE:	
			7		1	7	\						CHL. Bot. no. Phy	SAMPLE BOTT	FLUOR S/N		 		PAF		P R 0 6) 6	-	PROJECT & LEG	
											7		CHL. Bot. no. Phyto.Species ALK (MC)	E NUMBERS		oks Like			PAR on Bridge (µEinsteins m-2s-		5 46-81	TIME (GMT) DRY BULB	- D	
						•) DIC (MC)			ot has	rt zn		ns m-2s-1) 💂 💪		(°C)	NET BULB	DSDB I.D.	
			3							Ĺ	2023		c			cke. 10	westerdown latter be				(mb) * * (deg) (m/s)	PRESSURE SEA STATE VISIBILITY DIR.V. SPO.	STA	
													COMMENTS			MAX, DEPTH *				REMARKS	(m)	CLOUD (amt) TYPE WEATHER DEPTH	STATION DESIGNATION	
																3				4	5/H3	STA. NAME/ID		

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12		-1	10	9	8 2.5	7 10:4	6 20:3	5 464	4 50.6	3 60.5	5 75,9	8.58	SEQ. DESIRED ROSETTE POSITION	FIRED DEPTH	SEC COND SN PAR S/N			PRI TEMP SN START DOWN	PRESS SN DATA ON	SBE 9+ TIMES	0575840.49 n 1713	LATITUDE	VESSEL CRUISE ID R/V Thomas G. Thompson TN193
					38	35	34	33	32	&ું	3.0	74 29	SALT NUTRIENTS					2		JD/TIME	2 31 w 2 7 A		PRC
()	27	Caua											CHL. Bot. no. Phyto.Species ALK (MC) DIC (MC)	SAMPLE BOTTLE NUMBERS	FLUOR S/N O	1000 PC	7. VIII.	المحا	PAR on Bridge (µEinsteins m-2s-1)		P R 0 6 4	TIME (GMT) DRY BULB WE	PROJECT & LEG DSDB I.D. 11T106
2 4 4 6	100 S C 100 d	all ice Vira on.			PH						D25		COMMENTS			9	Ž,	STIP COMANA	226	REMARKS	(mb) * * (deg) (m/s) * * * (m) 22 338/7 94	PRESSURE SEA STATE VISIBILITY DIRN. SPO. CLOUD (amt)	STATION DESIGNATION

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bucket	12	=	10	9 209	8 9,9	7 20.2	6 303	5 41.2	4 50:0	3 60.4	2 75.4	- 85	SEQ. DESIRED	FIRED DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	8585	DEG	CONSC CAST #	VESSEL R/V Thomas G. Thompson
						2					Ţ.	5	ROSETTE POSITION								S	MIN.	LATITUDE	hompson
						: 		5%					NOITISO		PAR S/N _	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	イナー	DEG	LON	CRUISE ID
				75	7								SALT				7.			JD/	2	NIN .	LONGITUDE	
				145	144	43			40	39	88	رن 14	NUTRIENTS							JD/TIME	8 W 28 A		DATE JD=	PROJE ICE06
				7	7.	7		1	/		-		CHL. Bot. no.	SAMPLE B	FLUOR S/N			85			~	MO YR		PROJECT & LEG
	;				1			\ <_				1,550	CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS	, ,	4 Jelly-	15ml	2. H	PAR on Bridge	,	<u> </u>	HR MIN	TIME (GMT)	
										# E			ALK (MC)	S		Extended	bags	ce ida	PAR on Bridge (µEinsteins m-2s-		-7.12	(2.)	DRY BULB	DSDB I.D. 1TT06
~										,			DIC (MC)			em CTD	ed 2	. S	·2s-1) = //			(20)	WET BULB	j* .5
																	Seal	a)	24		<u>ا</u>	*	PRESSURE SEA STATE VISIBILITY	
		?				10								19		,		s 19 C			S	(dea)	WIND DIRN.	SI
							,						COMMENTS			MAX. DEPTH =				REMARKS		* * *	CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
																m					94 1	_	BOTTOM STA.	, ž
											,					122				•	2#1		STA. NAME/ID	

VESSEL R/V Thomas G. Thompson	-	CRUISE ID		ICE PR	PROJECT & LEG		DSDB 1.D. 17706	Þ		ST	STATION DESIGNATION	D2 H,
CONSC	34		31,05			ф518	! :		RESSURE A STATE SIBILITY		OUD (amt) PE EATHER	
CAST #	LATITUDE	Į.	LONGITUDE	DATE JD=	- -	TIME (GMT)	DRY BULB	WET BULB	SEA	DIRN. SF	TYP	STA. NAME/ID
059283H.	2 2 2 2 0 0 0	DEG 3 1	O	# DAY CO A	P MO NO	0 FR MIN	- <u> 5 .</u> 6	(°C)	*	(deg) (m/s)	(w) (m)	0
+6 ags		TIMES	/ūr	JD/TIME							REMARKS	
PRESS SN		DATA ON				PAR on Bridge (µEinsteins m-2s-1)	(µEinsteins m-	. o	4			
PRI TEMP SN		START DOWN									-	
SEC TEMP SN		AT DEPTH										
PRI COND SN		AT SURFACE					:				MAX. DEPTH =	3
SEC COND SN		PAR S/N			FLUOR S/N	۷						
FIRED DEPTH					SAMPLE B	SAMPLE BOTTLE NUMBERS	S					
SEQ. DESIRED	ROSETTE POSITION	SITION	SALT	NUTRIENTS	CHL. Bot. no.	CHL. Bot. no. Phyto.Species ALK (MC)		DIC (MC)	Slides		COMMENTS	
- 54	89.3	en l Sto	76	97					224			
2 75				1 17								
3 60				81				-				
4 50				ИФ								
5 to		i.		E								
6 36	 			62					しって	Pot 60 1	Wissi,	
7 20	24.2			53						1 ton1	botton cottat	
8	10,2	,		(55)					SH		92	
φ 0	2,8			(54)								
10												
=												
12												
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bucket	12	11	10	9	ω	7	o	ഗ	4	ω	2	-	SEQ.	FIRED	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+	0		CAST #		R/V The	VESSEL
				0	10	20	36	40	50	8	52	किट्	DESIRED	FIRED DEPTH	ND SN	NS G	VP SN	P SN	¥: 	1	\$66581 7.	<u> </u>			R/V Thomas G. Thompson	
			:	3,7	19.4	24	30,6	₩,5	50.5	60,2	75.8	92.3	ROSETTE POSITION								7.99 N	K.	LATITUDE	27,99	pson	
													POSITION		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	121	DEG	LON		TN193	CRUISE ID
													SALT				l	I	1	o.	00	MIN.	LONGITUDE	年,83		
				69	63	6)	69	59	58	57	56	55	NUTRIENTS							JD/TIME	3 w 28 A	nay	DATE JD=			2 8
													CHL. Bot. no.	SAMPLE BI	FLUOR S/N						R 0	MO YR	•		ICE06	PROJECT & LEG
													CHL. Bot. no. Phyto.Species ALK (MC)	SAMPLE BOTTLE NUMBERS					PAR on Bridge		-6-	HR MIN	TIME (GMT)	hz20		
													ALK (MC)	S					PAR on Bridge (µEinsteins m-2s-1		1	(35)	DRY BULB	٠	11706	DSD8 I.D.
					,								DIÇ (MC)								•	00	WET BULB	* .		Đ.
									0.000	,				:					20		32	*	PRESS SEA S VISIBI DIRN.	TATE	-	
													COMMENTS			MAX. DEPTH = m				REMARKS	526	(kts) * * * (m)	SPD.	D (amt) THER 0 72 H2		STATION DESIGNATION

VESSEL R/V Thom CONSC CAST # SBE 9+ PRESS SN	Thornas G. Thornas G.		TIMES TAST TOWN	<u>.</u> →	DATE JD- DAY MC DAY MC DAY DAY MC DAY MC DAY MC	CT & LEG	TIME (GMT) HR MIN PAR on Bridge		DSDB I. 11T06 11T06 11T06 N (°C) N (°C) N (°C) N (°C) N (°C) N (°C)	DSDB I.D. 11706 DRY BULB WET BULB (*C) DSDB I.D. 11706 17706 CC (*C) (*C) (*C) (*D) PRESSURE * SEA STATE * VISIBILITY	DSDB I.D. 11706 DRY BULB WET BULB PRESSURE * SEA STATE * SEA STATE	
Z # 2	PRESS SN PRI TEMP SN SEC TEMP SN		DATA ON START DOWN AT DEPTH				PAR on Bridge	🖹	Einsteins m-	=	=	=
RI CO	PRI COND SN		AT SURFACE					1 1				
SEC CO	SEC COND SN		PAR S/N_			FLUOR S/N		'II'				**************************************
FIRED SEQ.	FIRED DEPTH SEQ. DESIRED	ROSETTE POSITION	OSITION	SALT	NUTRIENTS	SAMPLE BOT. NO.	CHL. Bot. no. Phyto.Species ALK (MC)	ո ≽ ւ տ		LK (MC) DIC (MC)	DIC DIC	DIC DIC
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bucket					*							