wondspeed is knots

ie 880101 = 127 station (CT)

VESSEL	NO.	TE: they o	T.2 000	Tan a					,						
R/V THOMAS THOMPSON	.	<u>~</u>	PROJECT & LEG TH99-01	i	DSDB	NUMBER		10		STATIC					
		lex cept dod		1/1/10	Geon	0.	<u> </u>		1. 1	•	38	001	101		
		• ' /'		at de		-11,3 56.72	PRESSURE	SEA STATE VISIBILITY	310 WIND	WIND SPD.	JD (amt)		BOTTOM		
CAST # LATITU	JDE LO	ONGITUDE DATE	JD=039	TIME (GMT)	DRY BULB	WET BULB		ISIEA ISIE	DIRN.	SPD	اعاق	ğl,	DEPTH	1	NAME/ID
DEG MIN	DEG	MIN DAY		HR MIN	(°C)	(°C)	(mb)	<u>حر رہ</u>	(deg)	(m/s)		*	. (m)	V17.	10 000
0015646	041164	21.60 W08	 		-9.8		18	* *	310	20			3	0	***
стр 46	TIMES	JD/TIME		04.26	-9.5	DATA LOCAT	rion ¹⁵	3/3	10 (260	2)	REMA	RKS 5/8	76	2	
TYPE & SN 9P8254-	0366 DATA ON			Tape/Diskett	te ID	File		e/Head				4 - 4 - 7			
PRESS SN 57657	START DO	wn				0			7		7 - 0				
PRI COND SN 855	AT DEPTH													8	
PRI TEMP SN 1316	AT SURFAC	DE									MAX. [EPTH	= 7	<u>a_m</u>	
SEC COND SN 1698														6	
SEC TEMP SN 1605	PAR	4242 FLUOR S	/N 84S ChIAM	1109	TRANSMISSO	METER S/N 1	56D		Cleaned a	Ir bleed	valve				_
	Vi.	CTD CONVE	RTED MONITOR V	'ALUES				SAI	MPLE BOT DATA	TLE		SAMPL	LE BOTT	LE NUME	BER
POS. TRIP DEPTH	PRESSURE	PRI. TEMP.	SEC.	TEMP	S	ALINITY			SALINITY		SAL.	. N	IUTR.	CHL.	WHIT's NUTR.
1 60						1						72			606
2 50								70						1	605
3 40														1	
4 35			ia .	×											604
5 30														/	
6 20															603
7 10	10				31.858	131.81	9	31	CFS.		1		-	1	60a
				*		7								1	601
8 0				+	1007	,0	06							Y:	L \(\sigma \)
9 0	14			<u> </u>	,007	,0	06							r.	- CO
				+	,007		06							n	60
9					501	Usel	00	7	10						

Wetbulb T From http://wwwselp.epcc.tedu/elp/Rh.html

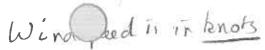
SS

VESSEL PROJECT & LEG DSDB NUMBER STATION DESIGNATION	
PROJECT & LEG DSDB NUMBER STATION DESIGNATION THOMAS THOMPSON THOSE STATION DESIGNATION STATION DESIGNATION SECONDARY	
CONSC CAST # LATITUDE LONGITUDE DATE JD= 0.39 TIME (GMT) DAY BULB WET BULB WIND DIRN. SPD. 00 00 00 00 00 00 00 00 00 00 00 00 00	STA. NAME/ID
SAMPLE BOTTLE SAMPLE BO DATA DATA DATA DATE: NAME COPE	TTLE NUMBER RECT RECT RECT RECT RECT RECT RECT R
POS. TRIP DEPTH PRESSURE PRI. TEMP. SEC. TEMP SALINITY SALINITY SAL. NUTR.	CHL. NUTR.
1 65	7
2 50 45,264 34.001 32.061 2	8
3 40 omt car	9 ::
4 30	10
5 20	15
5 <u>20</u> 6 <u>10</u>	13
5 20 6 VO 7 O	15
5 20 6 VO 7 O	13
5 20 6 VO 7 O	13
5 20 6 VO 7 0	13



VESSEL			JECT & LEG	DSD8 NUMBER	. 4	STATION DESIG	NATION		
R/V THOMAS THOMPSON		TH99	9-01	4-1	711	088	0302)	
TYPE & SN 9P8254-0366	LONGITUDE DEG MIN	DATE JD=	O YR HR MIN	(°C) (°C) (mb) -13.2 23 DATA LOCATION	, (deg)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	STA. N	NAME/ID
PRESS SN 57657	START DOWN				ne "	240	-50 m	AFC S	180
PRI COND SN 855	AT DEPTH		- 12			78.00	5710	ot!	(D)
PRI TEMP SN 1316	AT SURFACE	35					PTH= 7	_ b	ad
SEC COND SN 1698	507 Ed							12	0/4
SEC TEMP SN 1605	PAR 4242	FLUOR S/N 84S	ChIAM 109	TRANSMISSOMETER S/N 156D	Cleaned ai	r bleed valve	Treat	ly did	nee
10 10 10 10 10 10 10 10 10 10 10 10 10 1	-	CTD CONVERTED I			SAMPLE BOTT DATA	LE SA	AMPLE BOTT	LE NUMBE	R
POS. TRIP DEPTH PRESSUI	RE PF	RI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT's NUTR.
1 70		215.1		8					21
2 50	XII								20
3 40		- V		:: 					19
5 20		DWOCINE	<u> </u>	7					18
- -~`` 		-		4P0.EE P80.EE	33.103	43			FL
	-					200	ļ <u>.</u>		آل
7 0			<u> </u>				ja s		15
9				-		_	10		
10			1 26		10		-		1.5
	1			1.00		10			
11									

VESSEL	-		PROJECT & LEG	3	DSDB NUMBER		STATION DESIG	NATION	-	
R/V THOMAS T	HOMPSON		TH99-01	· · · · · · · · · · · · · · · · · · ·	5-1	G II		10401		
CONSC CAST # DEG	LATITUDE MIN A 3 . H I N	LONGITUDE DEG MIN 16523.48 TIMES 23.49D	DATE JD=039 DAY MO YR W 0 8 F E B 9 9	TIME (GMT) HR MIN 1956	(°C) (°C) (mb)	(deg)	CLOUD (amt) WEATHER	BOTTON DEPTH (m)	STA.	NAME/ID
TYPE & SN	9P8254-0366	DATA ON		Tape/Disket		me/Header				
PRESS SN	57657	START DOWN		' ' '		• %			791	
PRI COND SN	121	AT DEPTH	150	- CT		-				
PRI TEMP SN		AT SURFACE	6				MAX. DE	DTH	S m	
SEC COND SN	1698			<u>L</u>			JAVA. DEI	111-	- 111	
SEC TEMP SN	1605	PAR 4242	FLUOR S/N 84S CHIAN	1100	TRANSMISSOMETER S/N 156D	Cleaned ai	r bleed valve			
b a	B 51		D CONVERTED MONITOR V	-		SAMPLE BOTT DATA		AMPLE BOT	TLE NUME	BER
POS. TRIP DEP	PTH PRESSU	JRE PRI. T	EMP. SEC.	TEMP	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT's NUTR.
1 65					32.110/32.114	32.118	4			
2 50		.]		,	· ·	u	ll			2-1
3 40					1007 t.004	_				36 36
1 1 am	1 =		jii	50	1007 t.004				/	26
4 35	F		E 15	5.	,007 t.004					
5 30					,007 t.004					25
5 30							9			25 24
5 30 6 20										25 24 23
5 30 6 20 7 10										25 24
5 30 6 20 7 10 8 0										25 24 23
5 30 6 20 7 10 8 0										25 24 23





VES:	SEL THOMAS TH	JOMBSON .	ľ			PRO	NECT & LEC	G .	r)	DSDB	NUMBER		30	. 4	STATIC					
IVV	I TOWAS IF	TOMPSON	 			TH9:	9-01	1		<u> </u>	Ln=	-	1		ا ا	<u>87</u>	29	<u> </u>		
CAS		LATITUDE MIN	DEG	LONGITUDE MIN		DATE JD=	O YR		MIN 59	DRY BULB (°C) -\0 . 1	(℃)	(mb)	* SEA STATE * VISIBILITY	(deg)	WIND SPD. (m/s)	* CLOUD (amt)	• WEATHER	BOTTO DEPTH	I STA.	NAME/ID
	CTD	Same	ļ	Same	JD/TIM	E		354 317	6	-9.7	DÂTÂ LOCA RH 60 kg Fil	TION	4-1/1 12		FORCE,	REM	ARKS	6/8		
TYPE	& SN	9P8254-0366	DATA ON		~		- 122	Tape/D)iskett	e ID	Fil	le Nam	e/Head	er	Ŀ					
PRES	S SN	57657	START D	OWN			_			ıï				-			ù.,			
PRI C	OND SN	855	AT DEPTH	4			_				(i)	-							25	
PRI T	EMP SN	1316	AT SURFA	ACE	13					72					. =	MAX.	. DEP	ΓH = 5 2	TI m	
SEC C	COND SN	1698		8				-												
SEC T	EMP SN	1605	PA	R 4242	FLU	IOR S/N 84S	ChIAM	1109		Transmisso	METER S/N 1	156D		Cleaned a	ir bleed	valv	e			
-	1			· ·	•	-	MONITOR V	Œ			rs.	70	SAN	MPLE BOT DATA	TLE		SAN	APLE BOT	TLE NUME	BER
POS.	TRIP DEP	TH PRESSU	JRE	F	RI. TEMP	<u>, </u>	SEC.	<u>TEMP</u>		SA	ALINITY			SALINITY		SA	L.	NUTR.	CHL.	WHIT's NUTR.
1	86	_ 					513			32.111	32.114	4	*	377	5					33
2	60		3.					20	151	009	.0	06								32
3	50								5.0	11								T .	/	
<u>4</u> 5	<u>45</u> 40		N .					1.0												31
6		 					·.		- 2	0	141		<u> </u>						1	
7	30 20	 			d								 		_		\dashv	10.0	/	30
8	15			 									<u> </u>					45		1.0
9	10			 				···									-			59
10	0	· ·	117	 			<u>-</u> .		\dashv	177		-	<u> </u>				\dashv		V	20
11									$\neg \uparrow$						-		\dashv	1		28
12											·	$\neg \neg$.0		

* 3 sample lepto

VESSEL R/V THO					In.	O IFOT A LEG										
	OMAS THOM	PSON			TI-	ROJECT & LEG 199-01	i	DSDE	NUMBER -	7-2=	. 3	STATIC	ON DESI	GNATION	a. I	
i					- '''	100-01	<u> </u>		<u> </u>				707	200 C	01	
CONSC CAST #	# <u> </u>	ATITUDE MIN	L	ONGITUDE MIN	DATE JD	= 040 MO YR	TIME (GMT)	_		PRESSURE SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	BOTTO DEPTI		a. Name/ID
6		a.99 N	166	19.85	 		HR MIN	(°C) -6.8	(℃)	(mb)	(deg)	(m/s)		(m)	4	1 [
	-	ma	TIMES	19, 2600Л		1007	0310	26	DATA LOCAT	14 2.1/ 10	hd	* 1	REMAR		1-11	111
TYPE & S			DATA ON		INIT.	MY X	Tape/Diskett	ج, ن – e ID	66,05% 12/4 File	Name/Heade	097	82	KEMAH	K5		
PRESS S	SN 576	57 93 1963	START DO	WN =						200680		Ī			SQ . 20	
PRI CONI	ID SN 855	£2.	AT DEPTH			_	L								- 1	
PRI TEMP	PSN 1316	5	AT SURFA	CE					ŧ.	· · · · · · · · · · · · · · · · · · ·			MAX. DI	EPTH = 1	m F	
SEC CON	VD SN 1698	3														
SEC TEM	IP SN 1605	#£	PAF	14242 JF	LUOR S/N 8	4S CHIAM	109	TRANSMISSO	METER S/N 1	56D	Cleaned ai	r bleed	valve			
				CTD	CONVERTE	D MONITOR V	ALUES	3 WII		SAM	PLE BOTT DATA	ΪĒ	S	AMPLE BOT	TLE NUM	BER
	RIP DEPTH	PRESSU	RE	PRI. TE	MP.	SEC. 1	ГЕМР									WHIT's
	85							S	ALINITY		SALINITY		SAL.	NUTR.	CHL.	I NUTR.
								S	ALINITY		SALINITY		SAL.	NUTR.	CHL.	NUTR.
	60		. =					S S	ALINITY		SALINITY		SAL.	NUTR.	CHL.	39 38
3	50							y S	ALINITY		SALINITY		SAL.	NUTR.	CHL.	39 38
3 4	50 45		11 x				14	WI Case	ALINITY		SALINITY		SAL.	NUTR.		39
3 4 5	50 45 40		1 T				P	S S	ALINITY	\$	SALINITY		SAL.	NUTR.	/	39 38 37
3 4 5 6	50 45 40 30								ALINITY	\$	SALINITY		SAL.	NUTR.	ノ・ソン	39 38
3 4 5 6 7	50 45 40 30 20	32	3 S					S S	ALINITY		BALINITY		SAL.	NUTR.	/	39 38 37 36
3 4 5 6 7 8	50 45 40 30 20		2					S S	ALINITY	\$	BALINITY		SAL.	NUTR.	1 1 1 1 1	39 38 37
3 4 5 6 7	50 45 40 30 20 15		3						ALINITY		SALINITY		SAL.	NUTR.	1 1 1 1 1 1	39 38 37 36 35
3 4 5 6 7 8 9	50 45 40 30 20							S S	ALINITY		BALINITY		SAL.	NUTR.	1 1 1 1 1	39 38 37 36

VESSEL R/V THOM	MAS THOMPSON				PROJECT & LEG TH99-01	3		DSDBN	UMBER						NOITAV		
CONSC CAST #	LATITUDE DEG MIN	L	ONGITUDE		ID= OHO MO YR	TIME (GMT)	DRY BULB	-8.0)		WIND DIRN. (deg)	WIND SPD. (m/s)	Ð				. NAME/ID
7					F E B 9 9	1 1		-6.6		21	104		\dagger		10	9	
TYPE & SN		TIMES DATA ON	Samjo/TI				56		ATA LOCATIO			. ,	REM	IARKS			
PRESS SN	1,111	START DO		Å				721				•					$L^{2}(y)$
PRI COND		AT DEPTH			_				_ =	9:	Ŷ				=	84	
PRI TEMP		AT SURFA	CE	- 55	~		20						MAX	. DEP	TH= 99	m	
SEC COND		PAI	34040 DE	HOD CAL	84S CHIAN	1400		TRANSMISSOM	CTCD 031450								
			849		ED MONITOR V			T KANSMISSOM	ETER S/N 196		Cleaned a MPLE BOT DATA		valv		MPLE BOT	TLE NUMI	3ER
POS. TRII		-									1.5						
•	P DEPTH PRESSU	JRE	PRI. TEN	IP.	SEC.	TEMP		SAL	JNITY ==		SALINITY	- 1	SA	AL.	NUTR.	CHL.	WHIT'S
	001	JRE	PRI. TEN	MP.	SEC.	TEMP		SAL 32.110	32112	37	SALINITY 211.2			AL.	NUTR.	CHL.	WHIT'S
2	75	JRE	PRI. TEN	AP.	SEC.	TEMP				37					NUTR. 45		WHIT'S
3 5	75 50	JRE	PRI. TEN	MP.	SEC.	TEMP		32.110	32112	37					NUTR.	/	WHIT'S NUTR.
3 4	907 75 50	JRE	PRI. TEN	IP.	SEC.	TEMP		32.110	32112	37		## ## ##			NUTR. 45 44 43		WAIT'S NUTR.
2 3 4 5	75 50	JRE	PRI. TEN	AP.	SEC.	TEMP		32.110	32112	37					NUTR. 45	✓ ✓	WHIT'S NUTR.
2 3 4 5	75 75 50 40 30	JRE	PRI. TEM	AP.	SEC.	TEMP		32.110	32112	37		**			NUTR. 45 44 43	✓ ✓	WAIT'S NUTR.
2 3 4 5 6 7	20 75 50 40 30 20	JRE	PRI. TEN	IP.	SEC.	TEMP		32.110	32112	37		***			NUTR. 45 44 43	✓ ✓	WAIT'S NUTR.
2 3 4 5 6 7 8 9	75 75 40 30 20	JRE	PRI. TEN	AP.	SEC.	TEMP		32.110	32112	37					NUTR. 45 44 43	<i>y y y</i>	WAIT'S NUTR.
2 3 4 5 6 7 8 9	75 50 40 30 20	JRE	PRI. TEN	AP.	SEC.	TEMP		32.110	32112	37					NUTR. 45 44 43 42	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	WHIT'S
2 3 4 5 6 7 8 9	75 50 40 30 20	JRE	PRI. TEN	IP.	SEC.	TEMP		32.110	32112	37		33			NUTR. 45 44 43 42	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	WHIT'S NUTR.

8800801 STATION DESIGNATION 9 - 2 VESSEL PROJECT & LEG DSDB NUMBER 9-2 R/V THOMAS THOMPSON TH99-01 CONSC 40 WIND **BOTTOM** CAST# LATITUDE LONGITUDE DATE JD= 039 TIME (GMT) DRY BULB **WET BULB** DIRN. DEPTH STA, NAME/ID DEG MIN DEG MIN DAY MO YR HR MIN (°C) (°C) (mb) (deg) (m/s)(m) 008 E B 9 9 08 20 26 CTD TIMES JD/TIME **DATA LOCATION** REMARKS TYPE & SN 9P8254-0366 DATA ON Tape/Diskette ID File Name/Header PRESS SN START DOWN 57657 PRI COND SN 855 AT DEPTH PRI TEMP SN 1316 AT SURFACE MAX. DEPTH = m SEC COND SN 1698 PAR 4242 FLUOR S/N 84S CHIAM 109 SEC TEMP SN 1605 HTRANSMISSOMETER S/N 156D Cleaned air bleed valve SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA CTD CONVERTED MONITOR VALUES WHIT's POS. TRIP DEPTH **PRESSURE** PRI, TEMP. NUTR. SEC. TEMP SALINITY SALINITY SAL CHL NUTR. 115 5 50 50 3 40 / 30 5 48 6 20 00 6 5 7 32.035 32.040 32.042 10 8 .002 007 9 46 10 11 12

VESSEL	T	T			(1)	8800	901		
R/V THOMAS THOMPSON		PROJECT & LEG	G DSD	B NUMBER 10-1	STAT	ION DESIG	NATION	7-1	
CONSC CAST # LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= © 39	TIME (GMT) DRY BULE	-3,8 H	WIND WIND DIRN. SPD.	* CLOUD (amt) * TYPE * WEATHER	BOTTO DEPTI- (m)		A. NAME/ID
0095612.491	16630.07			1 1 1 1	107		Titus con	6	
СТО	TIMES JE	D/TIME		DATA LOCATION	1 1 8 90	REMARK			
TYPE & SN 9P8254-0366	DATA ON		Tape/Diskette ID	File Name/	Header				
PRESS SN 57657	START DOWN	U _m			05			_	
PRI COND SN 855	AT DEPTH		#3				3	i.s.	
PRI TEMP SN 1316	AT SURFACE	01				MAX. DEF	TH =	m	
SEC COND SN 1698		i (==)					_		
SEC TEMP SN 1605	PAR 4242	FLUOR S/N 84S CHIAM	TRANSMISS	SOMETER S/N 156D	Cleaned air blee				
	. ст	D CONVERTED MONITOR V	/ALUES		SAMPLE BOTTLE DATA	SA	MPLE BOT	TLE NUM	BER
POS. TRIP DEPTH PRESSU	IRE PRI. 1	FEMP. SEC.	TEMP	SALINITY	SALINITY	SAL.	NUTR.	_CHL.	WHIT's NUTR.
1 105								-	57
2 75 s	. 122							11.2	56
4 40 1					NIII			7	55
5 30 /		2	32.12	0/32.125	33.139	009		✓	54
6 20 V	M		- 009	,004	.54.14	21 (9)	~	1-1
7 15									53
8 10 1							N es	V	5
9 0	-					Tin w		V	52
11									<u> </u>
12									-

VESSEL	*	T		IDDO JEOT 4 LEG	·····	Inone	NUL IDEO		i.	TATION	DEOLO	NA TION		
R/V THOMAS	THOMPSON			PROJECT & LEG	3	DSDR	NUMBER	11-3		NOITATE		NATION 1001		
CONSC CAST #	LATITUDE	LONGITU DEG M		ATE JD= DAY MO YR		DRY BULB (°C)	-5,5 ⊌ET BULB (°C) ((* SEA STATE	(deg) (CLOUD (amt)				a. NAME/ID
CTD	∴⊪ .	TIMES	JD/TIME		XOX9FA	74	DATA LOCATIO	N :	1.9	RE	MARK	s :		
TYPE & SN	9P8254-0366	DATA ON			Tape/Diskett	e ID	File I	Name/Head	∍r					
PRESS SN	57657	START DOWN			38040		× 85	00100					14	
PRI COND SN	855	AT DEPTH	3					20100					81	
PRI TEMP SN	1316	AT SURFACE	ES 68		*	·				MA	X. DEP	TH= \	36 m	
SEC COND SN	1698		•		,0,22									
SEC TEMP SN	1605	PAR 4242	FLUC	OR S/N 84S CHIAM	109	TRANSMISSO	METER S/N 156	io 🗍	↓ Cleaned air	bleed va	lve			
	23 21 86 (86)			VERTED MONITOR V		J		SAN	IPLE BOTTI DATA	LE	SA	MPLE BOT	TLE NUM	BER
POS. TRIP DE	PTH PRESSU	JRE	PRI. TEMP.	SEC.	TEMP	S.	ALINITY		SALINITY	S	SAL.	NUTR.	CHL.	WHIT's NUTR.
1 115				3			27					W		63
2 75	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		*)	-	~		78-46					5	1 30	62
3 50					14 •		·		· · · · · · · · · · · · · · · · · · ·		·····		√	11 11
4 30 5 30												= 3:	√ ,	60
6 15	-				23			-					V	59
7 10	24	12				•			- 8				/	3.7
8 0					· · · · · · · · · · · · · · · · · · ·								/	58
9		" A." N			22	9		<u> </u>						7 E. O.
10								12.5						
11 * 40						111 - 140 - 140	8/32.0H	9 3	2.051	<u> </u>	9		<u> </u>	61*
12						100	0 0	⊕ €				177		

^{*} SECOND CAST TAKEN TO COLLECT WATER SAMPLE @ 40 m WHICH WAS ACCIDENTALLY SKIPPED DURING FIRST CAST ** MISTAKENLY SAMPLED NUTRIENTS @ 40 m INSTEAD OF 50 M

VESSEL		PROJECT & LEG	<u> </u>	DSDB NUMBER	STA	ATION DESIG	NATION	<u></u> .	
R/V THOMAS THOMPSON		TH99-01	·	13-1		0880	1101		
CONSC CAST # LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD= DAY MO YR OFEB99	HR MIN	74,59 SSH WET BULB H ©C) (°C) (mb	WIND WIND DIRN. SP (deg) (m/s	* CLOUD (amt) * TYPE * WEATHER	BOTTON DEPTH (m)	1	NAME/ID
CTD.	TIMES JD/TIM		CIOITIAL	DATA LOCATION		REMARK			
	DATA ON		Tape/Diskette ID		me/Header	DYNEMANK	3		3
	START DOWN		Taherniskette in	rile ind	me/neader	1	<u></u>		
	AT DEPTH	(F)			<u> </u>			24	
	AT SURFACE								
	AT SUNFACE		(6)			MAX. DEI	1H = \2	<i>f⇔</i> m	
SEC COND SN 1698 SEC TEMP SN 1605	FAR 4242	IOR S/N 84S CHIAM	109 TRAN	SMISSOMETER S/N 156D	Cleaned air bl	eed valve			
	CTD C	ONVERTED MONITOR V	ALUES	1/2	SAMPLE BOTTLE DATA	SA	MPLE BOTT	LE NUME	BER .
POS. TRIP DEPTH PRESSU	IRE PRI. TEM	SEC. 1	TEMP	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT's NUTR.
1 40	12	i	32	142 33.145	32.149	10			Ш
	LE COLLEGIE			007 004			-:		177
3									11 17
5	31 gT							+	<u> </u>
6			·						- 23
7									
8									
9	. 70		12				=		
10				22					
11					0	<u> </u>			
	ľ	i i	4		22	III.			



VESSEL				PROJECT & LE	9	Denn	NUMBER		- 1	CTATIO	NI DECK	NATION		
R/V THOMAS 1	THOMPSON			TH99-01	J	שטפטו	13= /	1 5	51 6			1201	ı	
CONSC CAST #	LATITUDE			DATE JD= O 14 1	TIME (GMT)	DRY BULB	79,2 WET BULB		WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE WEATHER			. Name/id
DEG		DEG	MIN	DAY MO YR	HR MIN	(°C)	(°C)	(mb)	(deg)	(m/s)	* * *	(m)	10	3
01259	51451. A 10 N	1670	19.94 W	1 O F E B 9 9	0918	0.9		15	144	ゴコ		13	<u>a</u>	
CTD	A	TIMES	JD/TIM	1E		J	DATA LOCATI	ION		.54	REMARK	S		
TYPE & SN	9P8254-0366	DATA ON			Tape/Diskett	e ID	File	Name/Heade	er					
PRESS SN	57657	START DOW	N				1802	-JW3		Ī	391			
PRI COND SN	855	AT DEPTH	31	7						Ì		_	0.00	_
PRI TEMP SN	1316	AT SURFACE	E								MAX. DE	PTH= \C	~ m	
SEC COND SN	1698		(0)		<u> </u>	=	····						XY	
SEC TEMP SN		PAR 4	1242 DELL	JOR S/N 84S CHIAN	1 109 U	TRANSMISSO	METER S/N 14	56D	Cleaned al	r blaad	value			
		Á.	•	ONVERTED MONITOR V					PLE BOTT DATA			AMPLE BOT	TLE NUM	BER
POS. TRIP DE	PTH PRESSU	JRE	PRI. TEMI	P. SEC.	TEMP	S/	ALINITY.		SALINITY		SAL.	NUTR.	CHL.	WHIT's NUTR.
1 1		-4f	tvs'			32.194	32.201	32	1.204	~				EL
2		E 8	, = ND			000	,003						ř	= 32
3		-	3 - 3 -	722		8			2					
5		_	e eres ni		=	-	·							110
6			<u> </u>				<u>-</u> -							5040
7							2							
8				- 		.	-							
9		\	AV X	Str. Carlo								3		 -
10			U.				 :		<u>-</u>	$-\parallel$				Ė
1 1							A			59				
12	(1)			15								 		

VESS R/V 1	SEL 'HOMAS TH	HOMPSON		<u></u>			PROJECT & L	.EG		DSDE	NUMBER		29	£ *				NOITAN	\	· •
CON	DEG	LATITUDE MIN	DEG	ONGITUDE		DATE J	1D= 0 4 \ M0 Y	R HR	(GMT)	DRY BULB	-0.6 73.2 WET BULE (°C)	(mb)	* SEA STATE * VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)			BOTT(DEP1 (m)	DM H ST	A. NAME/ID
0 1	<u>13 5 5</u> ств		NGT	30.0	<u>, </u>		FEB9	9014	03			115	51	137	a I			1 1 3	3	
TYPE			DATA ON	5).	JD/TIM	AE.			B' de u	10	DATA LOCA			30		RE	MARK	S		179
PRES								t ape/i	Diskette	e ID			ne/Head				1.1			
		15	START DO			—		ļ		34		085	013	100						
			AT DEPTH		3.1					-										
-	EMP SN		AT SURFA	CE						(6				· · ·		MA	X. DE	PTH = 1	31 1	1
	OND SN EMP SN	1698 1605	PAI	D 4040		IOD CAL	84S 2 Chi	*** 400		TRANSMISSO		1.500								
		1000		17272		2011 0/14	ONO II PAIDUM	TIVI I US		i uwianinoo		עסכוו	11 1	Cleaned a	ii Diect	ı vai	VE			
			- <u>,,</u>		CTD C		ED MONITO						SAN	MPLE BOT DATA	TLE		SA	MPLE BC	TTLE NU	MBER
POS.	TRIP DEP	TH PRESSU	JRE	Р	CTD C	ONVERT	ED MONITO			3	SALINITY				TLE	S	SA SAL.	MPLE BC	TTLE NU	WHIT'S NUTR.
1	TRIP DEP	TH PRESSU	JRE	Р		ONVERT	ED MONITO	R VALUES		3	SALINITY			DATA		S				WHiT's
1		TH PRESSU	JRE	P		ONVERT	ED MONITO	R VALUES		ş	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3		TH PRESSU	JRE .	Р		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3 4		TH PRESSU	JRE	Р		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3		TH PRESSU	URE .	P		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3 4 5		TH PRESSU	JRE	P		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3 4 5		TH PRESSU	JRE	P		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3 4 5 6 7 8		TH PRESSU	JRE	P		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3 4 5 6 7 8 9		TH PRESSU	URE	P		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's
1 2 3 4 5 6 7 8		TH PRESSU	JRE	P		ONVERT	ED MONITO	R VALUES		32.99 199.CE	SALINITY	195		DATA SALINITY		S				WHiT's

VESSEL BAY THOM	MAS THOMPSON			PROJECT & LEG			IUMBER	6	E G			NATION		<u>-</u>
CONSC CAST #	LATITUDE DEG MIN 5533.04	DEG N 1 6 7 H	MIN 5.96W	DATE JD= O \\ DAY MO YR \ O F E B 9 9	TIME (GMT) HR MIN	±11	WET BULB HESSONE	E SEA STATE VISIBILITY	(deg)	WIND SPD. (m/s)	* TYPE	BOTTO DEPTH (m)	STA	. NAME/ID
	TD .	TIMES	JD/TIM				ATA LOCATION				REMARI	is 14	Ð,	
TYPE & SI		DATA ON	G		Tape/Diskett	e ID	File Na	me/Heade	er					
PRESS SN		START DOWN	6		1		08	H108	101	.8			ăi	<u>.</u>
PRI COND		AT DEPTH			55								29	
PRI TEMP		AT SURFACE	27				lg.				MAX. DE	PTH= \	31 m	
SEC COND		PAR 42		OR S/N 84S CHIAM		k	METER S/N 156D		Cleaned a			E.		
OLO ILIVII	SN 1605	V 1 AR 42	42 71-0	OR 3/N 643 V CILAM	ווטש ווען		METER SAN 1900	l ir	Ciealieu a	ii meed	valve			
			CTD CC	NVERTÉD MONITOR V	/ALUES			SAM	PLE BOTT DATA	rle	S	AMPLE BOT	TLE NUM	BER
POS. TRI	P DEPTH PRES	SURE				SA	LINITY		DATA	ILE				WHIT's
	P DEPTH PRES	SURE	CTD CC		/ALUES	SA 1PP.G.E.	LINITY APP. S.C.				SAL.	NUTR.	TLE NUM	
1 \		SURE							DATA SALINITY		SAL.			WHIT's
1 \		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \ 2 3 4 5		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \ 2 \ 3 \ 4 \ 5 \ 6		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \ 2 3 4 5		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's
1 \ \ 2 \ 3 \ 4 \ 5 \ 6 \ 7 \ 8 \ 9		SURE				199.65	32.996		DATA SALINITY		SAL.			WHIT's



R/V THOMAS THOMPSON			PROJECT & LEG	1	DSDB NUMBER	STA	TION DESI	GNATION		
•			TH99-01		16	-\ SIA	0880	0150		
CONSC CAST # LATITUDE DEG MIN DISSESSIVE SP8254-0366 RESS SN 57657 RI COND SN 855 RI TEMP SN 1316		TUDE DATE MIN DAY . 3 6 W \ 0 JD/TIME	JD=OV\\ MO YR FEB99	HR MIN		(deg) (m/s	REMARI SHE	(S LE B	H STA	A. NAME
EC COND SN 1698	AT GOTT AGE						MAX. DE	PTH= 3	roc/ m	
EC TEMP SN 1605	PAR 4242	DK upp sa	N 84S CHIAM					95		
1603	V AR 4242	N FLOOR S/N	1 845 V ChiAM	109 NI	RANSMISSOMETER S/N 156D	Cleaned air ble		AMPLE BOT	CD C NUM	DED
		CTD CONVER	TED MONITOR VA	ALUES		DATA		AIVIT EL DO	ILL HOM	OEN
							11			
	SSURE	PRI. TEMP.	SEC. T	EMP	SALINITY	SALINITY	SAL.	NUTR.	CHL.	
1 bottom 7205	SSURE	PRI. TEMP.	SEC. T	ЕМР	SALINITY	SALINITY	SAL.	NUTR.	CHL.	NUT
1 bottom 205 2 145	SSURE	PRI. TEMP.	SEC. T		130.5E FZ0.EE	SALINITY 33.0563	-0.5	NUTR.	CHL.	7C 69
1 botton 205 2 145 3 100	SSURE	PRI. TEMP.	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	30	NUT 70 69 68
1 Dotton 7 205 2 145 3 100	SSURE	8	SEC. T		130.5E FZ0.EE	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 70 69 68
1 bottom 205 2 145 3 100 4 50	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 70 69 69 65
1 bottom 205 2 145 3 100 4 50 5 40	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 70 69 68
1 bottom 7 205 2 145 3 100 4 50 5 40 6 30	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 70 69 68 65
1 Oottom 7 205 2 145 3 100 4 50 6 40 6 30 7 20 1 15	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 7C 69 68 65
1 bottom 205 2 145 3 100 4 50 5 40 6 30 7 20 8 15	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 70 69 68 65 65 65
1 bottom 7 205 2 145 3 100 4 50 5 40 6 30 7 20 8 15	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
1 bottom 205 2 145 3 100 1 50 1 40 3 30 2 20 1 15	SSURE	8	SEC. T		1.205.7 33.0L1	27 = -	-0.5	NUTR.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	NUT 70 69 69 69 65 65 65

2 DEPTH

VESSEL				35-	PRO	NECT & LE	G	111111111111111111111111111111111111111	DSDB	NUMBER	- W- T		STATIC	ON DESIG	NATION		
R/V THOMAS TH	OMPSON				TH99	9-01				1-F1		30	1	1880	1601	-	
CONSC CAST #	LATITUDE		LONGITUDE		E JD=			(GMT)	DRY BULB	0.4 72,3 WET BULB	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE WEATHER	BOTTO DEPTI		. NAME/ID
DEG	MIN	DEG	MIN	DAY	Y M	O YF	HR	MIN	(°C)	(°C) (mb)	(deg)		• • •	(m)		=vm i s
1655	22.30 N	168	10.51	W 1 (O F	E B 9	909	69	2.3		13				51	8	1
СТО		TIMES	J	O/TIME			7 50.75		11	DATA LOCATIO	ON .) }	7	REMARK	S	493	3
TYPE & SN	9P8254-0366	DATA ON	*		181		Tape	/Diskette	e ID	File	Name/Head	er	- 1	NO	Copie		A-3)
PRESS SN	57657	START DO	OWN			_						i	Ì		LF 8		
PRI COND SN	855	AT DEPTH	31			_			W 2	\$			- 1			ORER	~
		AT SURFA	_	-		70				-2			1		vw	_	
<u> </u>		A1 0018 A	IOL .	1025	-	-		0						MAX. DE	PTH= 57	32 m	
	1698 1605	DEAF	R 4242	FLUORS	S/N 84S	Псніа	M 109	П	TRANSMISSO	METER S/N 156		Cleaned a	ir bleed	valve	a		
				D CONVE	ERTED N	MONITOR	VALUES				SAN	IPLE BOT DATA	TLE	SA	MPLE BOT	TLE NUM	BER
POS. TRIP DEPT		RE		ГЕМР.			. TEMP		s	ALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT's NUTR.
1 botto	47						470		33.818	33.822	33	824		016	138		79
2 300	<i>V</i>				l a				:006	,002		- 26					78
3 200	1			Y-	- 1										- 2		77
5 100	1			-	-		-	-									76
6 50	1	o-wa		-	+			- 1			_		\dashv			1	175
7 40 1		NA.					_	-		-			-		-	-	74
8 30 V	1	-	1		_		W.	-			_					-	73
9 20					-	į.		-+	5		_		- 0			1	12
	/		2010					1.							1	-	Line or an and
10 15 √			0.70%			2000											72
10 15 1				-0.4						7 009						>	72

VESSEL			PI	ROJECT & LEG	<u> </u>	DSDB	NUMBER		83	STATI	ON DESIG	NATION		
R/V THOMAS	S THOMPSON	/		H99-01				18-1	2		0	8201	701	
CONSC CAST#		LONGITUDE DEG MIN	DATE JD DAY	MO YR	TIME (GMT) HR MIN	DRY BULB (°C)	71,6 WET BULB (°C)	PRESSURE SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	* CLOUD (amt) * TYPE * WEATHER	BOTTO DEPTI-	STA	A. NAME/ID
CTD	4		JD/TIME	121			DATA LOCA	TION			REMARK	- 1	1.	4 3 0
TYPE & SN	9P8254-0366	DATA ON	N 8 02	V. 3	Tape/Diskett			le Name/Heade	∆F		The state of the		٠	8
PRESS SN	57657	START DOWN	1		1/2	7_	• •	·	,			VI.		12
PRI COND SN	32	AT DEPTH			3			<i>N</i> ₁		•				
PRI TEMP SN	_ =	AT SURFACE	24	_	MR					•	MAX DE	PTH = 10	2 m	8
SEC COND SI	N 1698										IN OL. DE	111270	<u> </u>	
SEC TEMP SN	88	PAR 4242	FLUOR S/N 84	4S ChIAM	109	TRANSMISSOI	METER SAN 1	1560	Cleaned a	ir hleec	l valve	23		
			CTD CONVERTE						PLE BOT			MPLE BOT	TLE NUM	BER
POS. TRIP D		RE PR	I. TEMP.	SEC. T	ЕМР	SA	LINITY	9	SALINITY		SAL.	NUTR.	CHL.	WHIT's NUTR.
1 60tt		!!				34.314	34.31	8 34	321		00		1 12	80
2 500		e :	1 12			007	,003							88
3 300			. g = , 1%			<u> </u>								87
4 20c			lite			· I						- 2	45	86
														85
6 00 7 So			54		iii									84
8 40														83
9 30		11 25 14		102							_			
		- 0		111		 						10	V	82
	5./				+								•	81
) ·			-					172				V	0.1

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VES	SEL				,	PROJECT & L	EG		IDSDB	NUMBER			(4)	STAT	ION DES	GNATION		170
RV 1	THOMAS TI	HOMPSON	<u> </u>			TH99-01				21-	-1	81	.=			01801		
CON	T# DEG	LATITUDE MIN 50.98 N	DEG	ONGITUDE MIN 38.77	DATE DAY	JD= 0 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	TIME (C	MIN	DRY BULB (°C)	O,D 62,1 WET BULB (°C)	FRESSURE 3	* SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	* CLOUD (amt)		M H STA	NAME/ID
1	CTD	74 (50)	TIMES	JD	/TIME	<u> </u>		30		DATA LOCA	TION			8.1	REMAR	100 200		
TYPE	& SN	9P8254-0366	DATA ON	S 12			Tape/Di	ekatta			le Name	/Hood	ar .			.0.	. (0
PRES			START DO	MAN			Trapa Di	JACTE		11		a i içadı	.		67.7	al to	000	6/1
ł		35:	AT DEPTH				27				¥., 2.		-	-	0-10	F-99	5G-1	<u> </u>
		(5)			-+			_						-			- 12	
-		1316	AT SURFA	CE		•			··-	W 18					MAX. D	PTH= \	42 m	
	- 88	1698 1605	PAR	4242	FLUOR S/I	N 84S Chi/	M 109	Ū-	FANSMISSO	METER S/N 1	ा 156D		Cleaned a	air blee	d valve			
	453	3		8 ×		TED MONITOR	VALUES	-(:=:					IPLE BOT DATA			AMPLE BOT	TLE NUM	BER
POS.	TRIP DEP	TH PRESSU	RE	PRI. T	EMP.	SEC	C. TEMP		SA	ALINITY	R =		SALINITY		SAL.	NUTR.	CHL.	WHIT's NUTR.
1	145			8. "	1.0			[119.66	32.9	18	(A)	119.6	1				
2				51.53	l d				1002	0.0	14	•						
3				6.0		3	8											
4			 	700	1000		-	\bot				•				ļ		
5		-																138
6	F 5			10 12		-	- B	\dashv										
7				(6 Ft				$-\!\!\!\!\!+$	- 111			9				ļ		<u> </u>
8	· · · · · · · · · · · · · · · · · · ·	- 		0)		1 22 3		\dashv								100		ļ
9	<u>.</u>					1770	-	+	UL .							Y-1		
11				 				+										
12	7	 		 		 		+					3		- .:	151		-
·- <u>-</u>		<u></u>		<u> </u>		_1					- 11			ŀ	1	127	ł	1

VESSEL				PROJECT & LEG	3	DSD8 NUI	MRER		STATION DESI	CALATION		
R/V THOMAS	THOMPSON	<u> </u>		TH99-01	.		3 <u>2 -</u> \	650 Til. (C)	08801			
CONSC CAST #		DEG 168	28.8\ w	DATE JD= O LA > DAY MO YR	TIME (GMT) HR MIN	DRY BULB W	0.5 AHROSSAHE (°C) (mb)	Constitution of the consti	CLOUD (amt)	BOTTO DEPTI (m)	- STA	A. NAME/ID
СТВ		TIMES .	JD/TIM	AE .	*1	DAT	TA LOCATION		REMARK	(S	(2)	100
TYPE & SN	9P8254-0366	DATA ON	100	a a	Tape/Diskett	e ID	File Nam	e/Header				
PRESS SN	57657	START DO	WN				de.	(%)			**	
PRI COND SN	855	AT DEPTH	17		8						81	5=
PRI TEMP SN	1316	AT SURFA	CE		3				MAX. DE	PTH=\E	六 ス m	
SEC COND SN	1698											
SEC TEMP SN	1605	PAR	1 4242 \ FLU	JOR S/N 84S CHIAM	109	TRANSMISSOMET	TER S/N 156D	Cleaned air	bleed valve			
	11											
ā			CTD CC	ONVERTED MONITOR V	ALUES			SAMPLE BOTT DATA	LE S	AMPLE BOT	TLE NUM	1BER
POS. TRIP DE	PTH 1553 PRESSU	BRE	CTD CC	-		SALIN	IITY		LE S	AMPLE BOT	TLE NUM	WHIT'S NUTR.
1 botto		RE				SALIN	IITY	DATA			===	WHIT's
1 bette 2 500		RE			TEMP		IITY 34.005	DATA	SAL.		===	WHIT's
1 betta 2 500 3 -300		RE			TEMP			SALINITY	SAL.		===	WHIT'S NUTR.
1 betta 2 500 3 300 4 300		RE			TEMP	33.999	34.005	DATA	SAL.		===	WHIT'S NUTR.
1 betta 2 500 3 300 4 300 5 150		RE			TEMP	33.999	34.005	SALINITY	SAL.		===	WHIT'S NUTR. 100 99 98 97
1 betta 2 500 3 300 4 300 5 150 6 100		RE			TEMP	33.999	34.005	SALINITY	SAL.		CHL.	WHIT'S NUTR. 100 99 98 97 96
1 betta 2 500 3 300 4 300 5 150 6 100 7 50		RE			TEMP	33.999	34.005	SALINITY	SAL.		CHL.	WHIT'S NUTR. 100 99 98 97
1 betto 2 500 3 300 4 300 5 150 6 100 7 50 8 40		PRE			TEMP	33.999	34.005	SALINITY	SAL.		CHL.	WHIT'S NUTR. 100 99 98 97 96 95
1 betta 2 500 3 300 4 300 5 150 6 100 7 50 8 40 9 30		RE			TEMP	33.999	34.005	SALINITY	SAL.		CHL.	WHIT'S NUTR. 100 99 98 97 96
1 betta 2 500 3 300 4 300 5 150 6 100 7 50 8 40 9 30		RE			TEMP	33.999	34.005	SALINITY	SAL.		CHL.	WHIT'S NUTR. 100 99 97 97 96 95 94
1 betta 2 500 3 300 4 200 5 150 6 100 7 50 8 40 9 30 10 20		RE			TEMP	33.999	34.005	SALINITY	SAL.		CHL.	WHIT'S NUTR. 100 99 98 97 96 95

VESSEL	102	·	PROJECT & LEG	DSDB NUMBER	I GTAT	ION DESIG	NATION		
R/V THOMAS THOMPSON	× 20		TH99-01	33-1			/フロロ/		
CONSC CAST # LATITUDE			DECHA TIME	SMT) DRY BULB WET BULB	SEA STATE VISIBILITY ONIN COUNTY ON SEA STATE ON SEA STATE ON SEA STATE	CLOUD (amt) TYPE WEATHER	BOTTO DEPTH		. NAME/ID
DEG MIN 0 2 0 5 4 5 8 . 0 0 N	DEG 4	MIN DAY	MO YR HR F E B 9 9 0 9	MIN (°C) (°C) (mb)		* * *	(m) 206	7	111
СТО	TIMES	JD/TIME		DATA LOCATION	12.191	REMARK	L-0.0		0 1
TYPE & SN 9P8254-0366	DATA ON	9 5 6	Tape/Di	skette ID File Na	me/Header	7	•		
PRESS SN 57657	START DOWN	N 3		<u> </u>		7	_	3.5	
PRI CONDISN 855	AT DEPTH	· 11	12					80	
PRI TEMP SN 1316	AT SURFACE					MAX. DE	PTH= 15	O O m	
SEC COND SN 1698									
SEC TEMP SN 1605	PAR 42	242 FLUOR S/N	84S ChIAM 109	TRANSMISSOMETER S/N 156D	Cleaned air blee		5.1		
		CTD CONVERT	ED MONITOR VALUES	a	SAMPLE BOTTLE DATA	SA	MPLE BOT	TLE NUME	BER
POS. TRIP DEPTH PRESS	URE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT's NUTR.
1 1500				34,495 34,499	34.504	020	(g =		
2 5FL	790	E #	H R	,009 ,005					-
3			00 =			<u>G</u>			
5			770						
6		<u></u>	. 22						7.
7									
8									
9			2001 07	- Swi			,,1		
9									

175.#

VESSEL FLOWBOOM		DJECT & LEG	DSDB NUMBER		N DESIGNATION	
RV THOMAS THOMPSON	ITH9	9-01	24-1		1016028	
CONSC LATITUDE DEG MIN	LONGITUDE DATE JD=			WIND WIND SPD. 3 (deg) (m/s)	MOTTOB THER THER THER THER THER THER THER THER	STA. NAME/ID
215440.01N		E B 9 9 13020			1730	
CTD	TIMES JD/TIME	4		300 18 R	REMARKS	
TYPE & SN 9P8254-0366	DATA ON	Tape/Diskette ≀D	File Name/Header		•	
PRESS SN 57657	START DOWN			=	e,	
PRI COND SN 855	AT DEPTH	74 85	3			Ħ
PRI TEMP SN 1316	AT SURFACE	137 0	£1,	N	MAX. DEPTH = 150	o m
SEC COND SN 1698						30
SEC TEMP SN 1605	PAR 4242 FLUOR S/N 84S	CHIAM 109 VTRAN	SMISSOMETER S/N 156D	ieaned air bleed v	valve	
# # #	CTD CONVERTED I	3 6 1		PLE BOTTLE DATA	SAMPLE BOTTLE	NUMBER
POS. TRIP DEPTH PRESSU	JRE PRI. TEMP.	SEC. TEMP	SALINITY S	ALINITY	SAL. NUTR.	WHIT's
1 1000		34.	336 34.343 34	1.346	021	
3			010 ,083			
4						
5	*					
6 =		N82	8			(3)
7		-2				
8			W W			
9		ř i	R ₂		- 0	
10				01	47	
11				8	1	
12						

VESSEL		Ipo:	OJECT & LEG		DSOB NUMBER	16.	TATION DEGLE	A14 71041		
RN THOMAS THOMPSON			99-01		25-1	8 8 5	TATION DESIG	O S S C	,	
CONSC CAST # LATITUDE DEG MIN CTD TYPE & SN 9P8254-0366	DEG M ON 16949	DE DATE JD=	42 TI MO YR H	ME (GMT) IR MIN 7 23 pe/Diskette	DRY BULB WET BULB & (°C) (°C) (m) DATA LOCATION	b) (deg) (m	(s) COOD (sml)	BOTTO DEPTI- (m)	M STA	STEE
PRESS SN 57657	START DOWN	19	-	•					90	
PRI COND SN 855	AT DEPTH	2	-						<u> </u>	
PRI TEMP SN 1316	AT SURFACE	90 20	52	,			MAX DEF	TH= 150	2/2 m	
SEC COND SN 1698			2000				INA OT. DEI	130		
SEC TEMP SN 1605	PAR 4242	FLUOR S/N 845	S CHIAM 109		RANSMISSOMETER S/N 156D	Cleaned air t	leed valve	4.7		
8	=	CTD CONVERTED				SAMPLE BOTTLE DATA		MPLE BOT	TLE NUM	BER
	RESSURE	PRI. TEMP.	SEC. TEM	IP	SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT's NUTR.
1 250				3	33.635 33.64	33,633	3 022			
2		S 2 1	-		,002005					
3		20 10				25				
5		6			11 11	<u> </u>	_			
6			-	= =						(0)2
7			187 83							
8			<u> </u>							ļ
9						-	_	19.		
10			·		· · · · · · · · · · · · · · · · · · ·		_	40		
11	=				*	0:		58		
12			<u> </u>			1	-			

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VESSEL R/V THO	MAS THO	MPSON				PROJECT & LEG	G	DSD8 N	UMBER	16-1	9E0	STATION DES	SIGNATION SO 23	01	
consc cast#	DEG STD	LATITUDE MIN DIVININATION P8254-0366	DEG	J		D= 42 MO YR	TIME (GMT HR MIN 2055	DRY BULB	O.9 BOTE BULB E	SEA STATE VISIBILITY	(deg) (WIND SPD. 10 FEMA	MEATHER (m)	OMI	A. NAME/ID
Į.			j .	-	A.		Tape/Disket	te ID	File	Name/Head	er	- 2			
PRESS SI		7657	START D	<u> </u>			10			(R)		<u> </u>			
PRI CONE	OSN 8	55	AT DEPTI	Η			100						N		
PRI TEMP	SN 13	316	AT SURF	ACE			20					MAX. C	EPTH = ~	1500m	all.
SEC CON	DSN 16	598		NO _			_	_			Œ.				
SEC TEM	PSN 16	605	PA	R 4242	FLUOR S/N	34S CHAM	1109	TRANSMISSOM	ETER S/N 156	6D	Cleaned air	bleed valve	50		
		m 3		e e	TD CONVERTE	D MONITOR V	/ALUES	*		SAM	PLE BOTTI DATA	.E	SAMPLE BO	TTLE NUM	/BER
POS. TRI	IP DEPTH	PRESS	JRE	PRI.	TEMP.	SEC.	TEMP	SAL	NiTY	_ - ;	SALINITY	SAL.	NUTR.	CHL.	WHIT's NUTR.
	COF			11 (7)	.0			34.180	34.186	34	192	22			
	Quin.		,	■ V				.002	0006						
3				100	2				·	ů.			_		
4				_	88										
5		<u>N</u>					- 2						<u> </u>	ļ	124
7	104	1					- 1				-		 		
8		19												_	
9						11		7.					1,0	<u> </u>	-
· .		F .		90						li .		104	325	1	
					<u> </u>	1=1-1-1	· · · · · · · · · · · · · · · · · · ·		· ·			-		 	+
10									(2)		(8.0)		-		

VESSEL		T		F	PROJECT & LEG	G	DSDE	NUMBER			26	STATIO	ON DES	GNATIO	N		e e
R/V THOMAS T	HOMPSON			1	H99-01			27-1			6			アグ			
CONSC CAST #	LATITUDE MIN	DEG	Longitude Min	DATE J	D= QH3 MO YR	TIME (GMT)	DRY BULB	U-1,0 SH,5 WET BULB	B PRESSURE	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (m/s)	CLOUD (amt) TYPE		TTOM EPTH (m)	STA.	NAME/ID
02453		169	15.99		F E B 9 9		- a 1		10	* *	175	a 1			75		
CTD	13	TIMES	JD	TIME	"			DATA LOCA	TION				REMAR	KS		2	
TYPE & SN	9P8254-0366	DATA ON				Tape/Disket	te ID		ile Name	/Head	er			50	1150 N V 167 N	#	
PRESS SN	57657	START D	OWN			■ 3X · · ·				1			`	000		0,,	٠, ١
PRI COND SN	855	AT DEPTI			55								Ocie	0	Tr.	100	-
PRI TEMP SN	1316	AT SURF	ACE							***************************************			45 \n	PTH =			
SEC COND SN	1698														.\)C>4	
SEC TEMP SN	1605	PA	R 4242	FLUOR S/N	84S ChIAN	A 109	TRANSMISSO	OMETER S/N	156D		Cleaned a	ir bleed	valve				
							1										
20	43		CTI	O CONVERT	ED MONITOR \	/ALUES				SAN	IPLE BOT DATA	ΓLE	\$	SAMPLE	BOTTLE	NUMB	ER
POS. TRIP DE	PTH PRESSI	JRE	CTI PRI. T			/ALUES	s	SALINITY				TLE	SAL.	NUT	<u> </u>	CHL.	WHIT's
POS. TRIP DEI		JRE					34.50	7			DATA		H		<u> </u>		WHIT's
1 150		JRE						1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 150 2 3		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 \150 2 3 4		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 \50 2 3 4 5		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 \150 2 3 4		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 150 2 3 4 5 6		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 \50 2 3 4 5 6		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 \50 2 3 4 5 6 7		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's
1 \50 2 3 4 5 6 7 8 9		JRE					34.50	1/34.51			DATA SALINITY		SAL.		<u> </u>		WHIT's

VES	SEL		Γ —				PROJECT	ALFG	-		ins	ine v	NUMBER				ICTA:	TION	DEGI	NATION		
R/V	THOMAS T	HOMPSON	1.00	83			TH99-01						8-1		200	12				250		
	NSC ST # DEG	LATITUDE MIN	DEG	LONGITUDE MIN	9 9 w	DAY	JD= OH MO FEB	YR	TIME (GMT) MIN	DRY BUL		WET BULB	PRESSURE	* SEA STATE VISIBILITY	WIND DIRN. (deg)	WINI SPD (m/s)	• CLOUD (amt)			DM TH ST	A. NAME/ID
	CTD		TIMES		JD/TIM	Æ						· D	ATA LOCA	TION			(1)	RE	MARK	s	80	9
TYPE	& SN	9P8254-0366	DATA ON		C1 /2	1		,	ape/D	iskette	ID 😅		Fil	le Narr	e/Head	er		i		.=		7.5
PRES	S SN	57657	START DO	OWN	88				·				isal 6	00	025	ev.1						
PRIC	OND SN	855	AT DEPTH	4	. E		- 8								172	6.2	-					9
PRI T	EMP SN	1316	AT SURFA	ACE		ū			98									MAX	C DE	TH = \ ?	SALL III	
SEC	COND SN	1698																1		···- V.	JULY III	<u> </u>
		1605	PA	R 4242	DA	IOR S/N	845 0	NAM 1	na		PANSMIS	SOM	ETER S/N 1	EED		Cleaned a	is blos	ad vesi	V0	214		
	%		(<u></u>)	л			ED MONIT							.005	المسال	MPLE BOT DATA				MPLE BO	TTLE NUM	MBER
POS.	TRIP DEP	TH PRESSU	RE	F	RI. TEM	P		SEC. TE	MP		Ш	SAL	INITY	9		SALINITY		S	AL.	NUTR.	CHL.	WHIT'S NUTR.
_1	400							1900				- 3	2						i i	1 12		
2	9992		X) 10;		ŭ X		-			_		,	<u> </u>									
3	400				(\$) ((₹																	
5	200		<u> </u>	771	. 0	,		ē		+			1000			붱		ļ				
	200			 					(±)	_		_					3					(A)
7	my	ر ه				-	-	0 8			32.48		FO.66		32	2119	+	88	025	31	<u> </u>	
8	<u>`</u>		3	ā			ļ		-	1-0			sellter	mp i			6) i	 				
9			- 3		ň			- 0	-		off?	(13		
10	Ea.			1 ==	-	<u>_</u>	20	-	· -			_	.55									
11	E9E 1	1		1	-					+	.	-				467		\vdash		"		

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VES R/V		HOMPSON	PROJECT & LEG TH99-01							NUMBER 29-1		STATION DESIGNATION					
CAS		LATITUDE MIN	DEG	LONGITUDE MIN 54.73 W	DATE JD= C			MIN	RY BULB	-0.∂ 54.94 WET BULB 8	MIND DIRN. (deg)	WINE SPD. (m/s)	* CLOUD (amt)		H ST	A. NAME/ID	
			TIMES JD/TIME DATA ON					skette ID		DATA LOCATIO		REMARKS					
PRES			START DO	OWN 20 50			Taperbi	SKELLE ID		rile							
PRI C	OND SN	855	AT DEPTH	.g , ⊵	Ţ.	i	- 100	. =				- -		·	55		
2.5				AT SURFACE						_		MAX. DEPTH = \502 m					
	OND SN EMP SN	1698 1605	PAF	R 4242 FL	JOR S/N 84S	Пснам	109	TRA	VSMISSO	METER S/N 156	SD Cleaned a	air bloo	d velva	<u>%</u>			
-	48			. 19	NITOR V	<u> </u>		## #		SAMPLE BOTTLE S			AMPLE BOTTLE NUMBER				
	TRIP DEP	TH PRESSU	RE	PRI. TEM	Р.	SEC. 1	EMP		S/	ALINITY	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.	
2	1501		10)	# 55=	E1 =		-		493	34.49=	34.500		2802r):0	
3	- -		F).		0 :1	31		<u> </u>	207	,003		102			i ·		
4				20 US	39)		=5"			MO.	· U	-	<u> </u>				
5	185		· · · · · · · · · · · · · · · · · · ·							7		0				C2V	
6						[2]	A W			Ž							
7	 -	1 2 24		-								2 3					
8 9								92						18	(F	<u> </u>	
10					I IE	374.0	-	+								<u> </u>	
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12													***]	

Ouldn't hald station! wind to current

VESSEL		PROJECT & LEG						DSDB NUMBER					STATION DESIGNATION							
RN THOMA	S THOMPSON	TH99-01						30-1					283	D8802701						
CONSC CAST#	LATITUDE		ONGITUDE		TE JD=	43	TIME	(GMT)	DRY BULB	-0,4 66 WET BULL		SEA STATE VISIBILITY	hd 133 WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	П	BOTTOI DEPTH	M	A. NAME/ID	
DI		DEG	MIN	JD/	AY M	O YR	HR	MIN	(°C)	(°C)	(mb)		(deg)	(m/s)	• •	•	(m)			
275	13 25 - 58N	168	45.4	DW	a F €	E B 9 9	10	12	11.9		0			30			73	2	111	
≅ сто		TIMES	•	ID/TIME				<u> </u>		DATA LOCA	ATION		005	20	REMA	BKS			6.11	
TYPE & SN	9P8254-0366	DATA ON				Tape/Diskette ID File Nan					o/Llood			it was coming up too						
PRESS SN	57657		START DOWN					rapordinate in File (val)							Fast for 10 of F					
PRI COND SI	7.5	_	-			= 10.1	<u> </u>							-	100	ge. se	- 70	100		
10.00		AT DEPTH	-	Ti .		*:	35								<u> </u>			82		
PRITEMP SN SEC COND S		AT SURFACE												MAX. DEPTH = 706 m						
SEC TEMP S	MINASMISSOMETER SIGNATURE										Cleaned a IPLE BOT DATA	TLE SAMPLE BOTTLE NUMBER								
POS. TRIP D		JRE	PRI.	TEMP.		TEMP		SALINITY			SALINITY			SAL.		NUTR.	CHL.	WHIT'S NUTR.		
1 76			aT	5				3	34.130/34.133			34.135				1				
2 56		A _{er u} A	87		3) 10				1005		02		<u> </u>						T :a	
3		<u> </u>	H H #	10 型	41 M	F72 0	ν													
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