	STA. NAME/ID	-			CTD	±,9	13610	E			JUMBER	WHIT'S L. NUTR.												
VION	воттом рертн	(m)	_ 		SOUTHERNMOST	£037 B	(13 SABTIONS TOTAL	001 CE			SAMPLE BOTTLE NUMBER	R. CHL.												
SIGNA	ме р тнек ВО			RKS	HE	1 500	100	MAX. DEPTH =	lve		MPĽE E	NUTR.											_	
STATION DESIGNATION	TYPE	*	*	REMARKS	Sow	J.	(2)	MAX.	leed va		SAI	SAL.	20									_		
STA	WIND (amt)		0 3			ı		I	Cleaned air bleed valve	l/br	SAMPLE BOTTLE DATA	ΤΥ	08											1
	WIND DIRN.	(deg)	11		leader	,			=	1000 ug/l	MPLE BO DATA	SALINITY	33.63.68											1
	PRESSURE SEA STATE YISIBILITY	* (q	* +	Ž	File Name/Header	CTBOO	1		7		SAI		3											
	,	n)	610	САТІО	File N	7			TER .	300 ug/l		ALINITY												
	WET	(°C)	I	DATA LOCATION		I			SOMET	3		SEC. SALINITY												
	DRY BULB	(၁.)	7		<u>_</u>				TRANSMISSOMETER	100 ng/l			++	:										
		NIN	€		Tape/Diskette ID				TR	100] S	PRI. SALINITY	FRA.				i							
EG	TIME (GMT)	HR MIN	0		Tape/L				ChIAM 109	1/	CTD CONVERTED MONITOR VALUES	PRI.	33		/									
PROJECT & LEG MF99-07		YR	Y 9 9						ChIA	30 ug/l	ONITOR	MP.												
PROJEC MF99-07	=QC :	MO	3 M A						153		TED MC	SEC. TEMP.							,					
	DATE	DAY	7 W L	JD/TIME	*				FLUOR 153	10 ug/l	ONVER'	S												
	DE	z	17	Ja Ja			, .			S	стр сс	EMP.												
	LONGITUDE	MIN	4 Z		7	NWOO	Ε	-ACE	PAR 4242	1/6i		PRI. TEMP												
	רכ	DEG	N 8 9	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PA	3 ug/l			-5											
AAN			N N	-		S	∢	<				PRESSURE	385	,										
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	MIN.			9+ S/N 91660	72	_					PRE	0000											
MILLER		DEG	532		•	29772	N 884	688 NS	N 530	SN 303	TRIP DEPTH													
VESSEL NOAA R/V I	CONSC CAST #	ם	0 1 5	СТБ	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN		<u>.</u>												
VE.	O S		0		7	PRE	<u>R</u>	SEC	A E	SEC	POS.	,io	_	2	3	4	5	9	7	∞	6	10	T	5

	STA. NAME/ID				16000	Ŷ.		E 0/2 C			NUMBER	WHIT's L. NUTR.												_
VATION	ВОТТОМ	(m)	4:5:4		CTD on bottom	F.K. FLOO LOSE DA		工工工工			SAMPLE BOTTLE NUMBER	NUTR. CHL.												
STATION DESIGNATION	A3HTA3W		\ \ *	REMARKS	9	X		MAX. DEPTH =	d valve		SAMPLE	SAL. NI	d											
STATIO	W WIND (amt)	(kts) *	534×	<u> </u>			<u>~</u> I	<u>, ≥</u> I	Cleaned air bleed valve	l/bi	OTTLE													
	VISIBILITY D WIND PR. V.	, (deg)	\ \ \ *		/Header	d			Clean	1000 ng/l	SAMPLE BOTTLE DATA	SALINITY	34.1607							4				
	PRESSURE STATE A38	(mp)	461	TION	File Name/Header	400 C.Y.O				l/ɓn	, N	} Liz	(2)											
	WET	(°C)	4.5	DATA LOCATION	щ	<i>U</i>	l I	1	SOMETER	300 ug/l		SEC. SALINITY												
	DRY BULB	(၁,)	10	<u>,</u>	te ID				TRANSMISSOMETER	100 ug/l														
	TIME (GMT)	HR MIN	0.1.1		Tape/Diskette ID			[1	LUES	PRI. SALINITY	34.1616										1	
ROJECT & LEG 1F99-07	٠	YR H	6 6		<u> </u>				ChlAM 109	30 ug/l	VITOR VA				:		_							_
PROJEC MF99-07		Y MO	. 19 W 13 M A Y	,					۲ 153		CTD CONVERTED MONITOR VALUES	SEC. TEMP.												
	DATE	DAY	M	JD/TIME					FLUOR 153	10 ug/l	CONVE	· · · · · · · · · · · · · · · · · · ·		_										
į	LONGITUDE	Σ	10			NWC	_	4CE	4242	"	CTI	PRI. TEMP						4						
	Ċ	DEG	1684	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR 4242	3 ug/l			-											
EEMAN	JE OF		NH								:	PRESSURE	735.075											
VESSEL NOAA R/V MILLER FREEMAN	ا2	S MIN	325.4		9+ S/N 91660	29772	884	889	530	1 303	م ۲	ш.	٦											
VESSEL NOAA R/V MI	CONSC CAST #	DEG	০ জ জ	CTD	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	S. DEPTH													
VES	8 8		0		TYF	PRE	R E	SEC	g.	SEC	POS.		-	2	က	4	5	9	7	∞	တ	10	11	

60

VESSEL NOAA RV MILLE	VESSEL NOAA R/V MILLER FREEMAN			2×	PROJECT & LEG MF99-07	CT & LE	၅					STATIC	N DESI	STATION DESIGNATION	Z		
ONSO							TIME	DRY	WET	SSURE STATE A	SIBILITY	(3ms) DV 3 ABHTA	ATHER	MOTTOR		V ES	
CAST # LA	LATITUDE	DEG	LONGITUDE		DATE JD=	χ	(GMT)	BULB		∃S .	DIRN.	SPD. (SPD. *	4 TYP	DEPTH (m)		NAME/ID	
533	2 9 0	و 	404	8 W	ַוּ	6 6	1432	4.5	0			-	* *	0 1 81	0		
CTO I		TIMES		JD/TIME	Ш	-		Õ	DATA LOCATION	NO		<u> </u>	REMARKS	(S			
TYPE & SN 9+	9+ S/N 91660	DATA ON	NO			_•	Tape/Diskette ID	ette ID	File	Name/	File Name/Header	V	The	The Party of	Jan Ont	10000	19
PRESS SN 29	29772	STAR	START DOWN							4000 TO	400	<u>, , , , , , , , , , , , , , , , , , , </u>	100	7 G	SOHIT	Festor MOHILY GOOD HOOD	1
PRI TEMP SN 884		АТ ОЕРТН	. PTH											040	2		,
SEC TEMP SN 889		AT SU	AT SURFACE			·			 			12	AX. DE	MAX. DEPTH = 1/28	00	Ε	
PRI COND SN 530	30		PAR 4242	L J-J	FLUOR 153	ChIAM 109		TRANSMISSOMETER	SOMETER	L	Cleaned air bleed valve	air ble	ed valve	a a			
SEC COND SN 303)3		3 ng/l	10 ug/l	1/61	30 ug/l		100 ug/l	1/6n 00E		1000 ug/l	_				•	
TRIP DEPTH			CTD	CON	CTD CONVERTED MONITOR VALUES	NITOR	VALUES			SA	SAMPLE BOTTLE DATA	TLE	SAMF	SAMPLE BOTTLE NUMBER	TLE NUI	MBER	
	PRESSURE	Щ.	PRI. TEMP.		SEC. TEMP.	IP.	PRI. SALINITY		SEC. SALINITY	>-	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.	
	1138.950	50		,		F	34,37	3446	,	િ	34.34.38	~	75				
				t.													
				\dashv													

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN				PROJEC MF99-07	PROJECT & LEG MF99-07	EG		:		S.	ATION	STATION DESIGNATION	ATION		
() 22 ()						. ,	ļ			SSURE STATE /	•	(tms) OL	ЯЭНТ			
	LATITUDE		LONGITUDE				TIME (GMT)	DRY BULB	WET BULB	₽E∀	WIND DIRN.	6 8 С <u>со</u> с	MEA.	BOTTOM DEPTH	S NAN	STA. NAME/ID
DEG	MIN	DEG	MIN		DAY MO	YR	HR MIN	(၁့)	(°C)	* (dm)	(k	(kts) * *	*	(m)		
00 5534 6	2 で ・ ・ 9	ص 9 -	73	3	49 WISMAY	6 6 ★	1044	5		1757	011	237	114	1530		
СТО		TIMES		JD/TIME	Î			_	DATA LOCATION	Z		REN	REMARKS			
TYPE & SN 94	9+ S/N 91660	DATA ON	NO				Tape/Diskette ID	tte ID	File	File Name/Header	eader	8	sucrto se sen ext. of Deen	le le la	To the	Day C
PRESS SN 28	29772	STAR	START DOWN						5	CABOOK	Z.	. (g)	@~1150m	É	×	 B
PRI TEMP SN 88	884	АТ ОЕРТН	PTH)				
SEC TEMP SN 889	39	AT SL	AT SURFACE] 	l		MAX	MAX. DEPTH =		402	ε
PRI COND SN 530	30		PAR 4242	긥	FLUOR 153	ChIAM 109		TRANSMI	TRANSMISSOMETER		Cleaned air bleed valve	r bleed	valve			
SEC COND SN 303	33		3 ug/l	10 ug/l	l/br	30 ug/l		100 ug/l	1/6n 00E		1000 ng/l					
POS. DEPTH			СТБ	CON	CTD CONVERTED M	ONITOR	MONITOR VALUES	i i		SAN	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	BOTTL	E NUME	3ER
	PRESSURE	Щ	PRI. TEMP.		SEC. TE	TEMP.	PRI. SALINITY	YLIN	SEC. SALINITY		SALINITY	SAL		NUTR.	CH.	WHIT'S NUTR
1	1522 500	Q					34.5149	6		3.	34.5149	9				
2																
3																
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5																
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7				-												
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	STA. NAME/ID							E			MBER	WHIT'S NUTR.												
z		╀	0					500			ILE NU	CHL.												
STATION DESIGNATION	BOTTOM	(E)	190					PTH =			SAMPLE BOTTLE NUMBER	NUTR.												T
N DESI	ABHTABW	. *	7 1 8	REMARKS) 1 2 3 6 6 8 4 7	MAX. DEPTH =	Cleaned air bleed valve		SAMP	SAL	7											-
STATIC	S N O O O O O O	(kts) *	+	<u>~</u>	8			, ≥	air ble	_	TLE						<u> </u>		<u> </u>					ļ
	WIND DIRN.	(deg)			ader	(Seaned	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY	34,5053											
	SEA STATE VISIBILITY	*	7		File Name/Header	300 PY.					SAME	Ŝ	34.											
	PRESSURE	(qm)	1-5	ATION	ile Na⊓	1 1. 0		i	n	1/6n 008		ΥII												
	WET	(၃)	6.4.9	DATA LOCATION			! 	' '	TRANSMISSOMETER	300		SEC. SALINITY												
	DRY BULB	(၁့)	7	DA	. 🗅				VSMISS	l/6r														
	<u> </u>		509		skette I				TRA	100 ug/l		PRI. SALINITY	5054							4				
၅	TIME (GMT)	HR MIN	1936		Tape/Diskette ID			,	109		D MONITOR VALUES	PRI. S.	34.5											
ST & LE		YR	6				l		ChIAM 109	30 ug/l	VITOR V	٩.						-						
PROJECT & LEG MF99-07	_OL	MO	98W13MAY					 	53		ED MOI	SEC. TEMP												
	DATE	DAY	6 /	JD/TIME					FLUOR 15	10 ug/l	CTD CONVERTE	S												
	96		9 8 V	JD/							TD CO	MP.												
	LONGITUDE	MIN	\$3.			OWN	I	ACE	PAR 4242	1/1		PRI. TEMP												
	ΓΟΙ	DEG	16933	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAF	3 ug/l			~											
N N			2 N C	F		<u>.</u>	<u>{</u>	[A]				PRESSURE	653			,								
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	MIN	5		9+ S/N 91660	2						PRES	1518.652											
IILLER			5401		8+6	29772		688	1 530	N 303	■ H H													
SEL A R/V N		DEG	9	СТБ	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH													
VESSEL NOAA R	CONSC CAST#		900		TYP	PRE	PRIT	SEC	PRIC	SEC	POS.		-	2	က	4	5	9	7	8	တ	10	11	

DEPTH PRESSURE	URE	DATA ON START DOWN AT DEPTH AT SURFACE AT SURFACE 3 ug/l CTD C	TIME DAY MO YR HR MII DAY MO YR HR MII JD/TIME FLUOR 153 Chiam 109 Tape/Dis To ug/I 30 ug/I SAL SALES	Tape Tape		> a -	DRY WET 60 80 80 80 80 80 80 80 80 80 80 80 80 80	me/Header me/Header SAMPLE BO DATA SALINIT	Cronp	SAL. NUTR. CHL. NUTR.	THE NUM	STA. NAME/ID 2 m 2 m WHIT'S NUTR.
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PG 8 OF

STATION DESIGNATION	WIND UD (ami) YEATHER SPD. CLOUD (ami) YEATHER SPD. CLOUD (ami)	(m)		REMARKS			2/2	MAX. DEPTH = 15 02 m	oleed valve		SAMPLE BOTTLE NUMBER	SAL. NUTR. CHL. NUTR.	33											
STA	VISIBILITY VISIBILITY DIRN. WINC	* * (deg) (kts)	9206069		File Name/Header				X Cleaned air bleed valve	1000 ng/l	SAMPLE BOTTLE DATA	SALINITY	34.5181											
	WET BULB PRESSURE	(c) (mp)	504.612	DATA LOCATION	File Nar	:		 	TRANSMISSOMETER	1/6n 00E		SEC. SALINITY				•				,				
O	TIME DRY (GMT) BULB	HR MIN (°C)	13/17/0/5/6		Tape/Diskette ID					1/00 ng/l	/ALUES	PRI. SALINITY	34,5176							,				
PROJECT & LEG MF99-07	DATE JD=	DAY MO YR I	20W13MAY990		<u> </u>				FLUOR 153 ChIAM 109	// 30 ug/l	CTD CONVERTED MONITOR VALUES	SEC. TEMP.												
	LONGITUDE	MIN D/	1 MO 2 1- 21	JD/TIME		NMO		ACE	PAR 4242 FLUC	g/l 10 ug/l	CTD CONVE	PRI. TEMP.									,			
EEMAN		DEG	50N169	TIMES	91660 DATA ON	START DOWN	AT DEPTH	AT SURFACE	PA	3 ug/l		PRESSURE	1521.862						•					
VESSEL NOAA R/V MILLER FREEMAN	ا گ	DEG MIN	008 5439	СТО	TYPE & SN 9+ S/N 91660	PRESS SN 29772	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	SEC COND SN 303	POS. DEPTH		1	2	3	4	5	9	7	8	6	10	11	12

	VESSEL NOAA R/V MILLER FREEMAN			-	PROJECT & LEG MF99-07	CT & LE	9:					STATI	ON DES	STATION DESIGNATION		
ATITIDE		Ć	FOLITIONO		DATE IN=		TIME	ORY Bill B	WET	SRESSURE SEA STATE	VISIBILITY S W	YPE COUD (amt)	YPE ABHTABY	BOTTOM		STA.
	5	DEG	MIN			ΥR	HR MIN	(0,)	(0,		(deg)	(kts)	Λ *		+	
58.16N1		1891	바a. 6구		T M I 4 M A Y	6	0800		σ 1	9	7086	<u>ල</u>	€ 70 80	0000	0	
TIMES	₹	ES	7	JD/TIME					DATA LOCATION	NOIL			REMARKS	KS		
9+ S/N 91660 DA	Ä	DATA ON	ļ			•	Tape/Diskette ID	ette ID	Ē	File Name/Header	Header					m. on one of the control of the cont
29772 ST	ST	START DOWN	NMC						Q	0.7.000	>0					
¥	4	АТ ОЕРТН	-													
A	e e	AT SURFACE	ACE								f		MAX. DEPTH =	EPTH =	1500	٤
		PAR	PAR 4242	FLUOR 15	JR 153	ChIAM 109	1 109	TRANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	l air ble	ed vaiv	e		
		3 ug/l	"	10 ug/l	W W	30 ug/l		100 ug/l	l/gu 008	g/I	1000 ug/l	1/				
] .	СТD (CTD CONVERTE	ERTED MOI	NITOR	D MONITOR VALUES			/S	SAMPLE BOTTLE DATA	TTLE	SAMI	SAMPLE BOTTLE NUMBER	TLE NUN	/BER
PRESSURE	1114		PRI. TEMP.		SEC. TEMP.	₫.	PRI. SALINITY	 ∑INIT	SEC. SALINITY	<u> </u>	SALINITY	>-	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1519.339			:				34,4993	50		ര	34.498	04	7.			
														-		
								-	į							
								_								
				_								22.				
				_												

	STA. NAME/ID							1503 m			NUMBER	WHIT'S L. NUTR.												
ATION	ВОТТОМ ВЕРТН	(m)	9								SAMPLE BOTTLE NUMBER	NUTR. CHL.				-								<u> </u>
DESIGN	эчүт мерттер В С		*	REMARKS				MAX. DEPTH =	valve		SAMPLE	SAL. NU	0					11						
STATION DESIGNATION	WIND CLOUD (amt)	(kts) *	% 80 €	R			İ	MΑ	Cleaned air bleed valve															
	WIND DIRN.	(deb)	801		ader	0			Cleaned	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY	34.1984											
	PRESSURE SEA STATE VISIBILITY	* (dm)	F 9	N O	File Name/Header	0100.00					SAM		ત											
	WET BULB	() ()	3.51	DATA LOCATION	<u>Fi</u>	5			ETER	300 ug/l	1	SEC. SALINITY												
			0	DATA		İ			TRANSMISSOMETER	1/6		SEC												<u> </u>
	DRY BULB	(°C)	I)		Tape/Diskette ID				TRAN	1/60 ng/l		PRI. SALINITY	1997											
EG	TIME (GMT)	HR MIN	101		Tape/Di				ChiAM 109	1/6	CTD CONVERTED MONITOR VALUES	PRI. S	7		-	•								
PROJECT & LEG MF99-07		O YR	Y 9 9			1	.	, [ChIA	30 ug/I	MONITOF	EMP.												Ì
PROJEC MF99-07	DATE JD=	DAY MO	A M	Ш					FLUOR 153	l/bi	/ERTED !	SEC. TEMP.												Ì
			HIMEE	JD/TIME					FLU	10 ug/l	TD CON	MP.						_						_
	LONGITUDE	MIN	~ ∞		z	NMOC	폰	-ACE	PAR 4242	3 ug/l	O	PRI. TEMP		*	*									1
	ľ	DEG	9	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	A A	3.		Щ	445						_	_				_
EEMAN	IDE		S 8		91660							PRESSURE	468. POF		75									Ì
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	MIN	5506.		9+ S/N 91660	29772	884	889	530	303	م بـ	ш,					p.							_
SEL A RV MI	CONSC CAST #	DEG	0 50	CTO	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		300											
VESSEL NOAA R	0 S	_	Ō	 .	ΤΥΡ	PRE	PR	SEC	PRI (SEC	POS.		-	7	က	4	Ω	9	7	00	ი	10	77	,

STATION DESIGNATION	WIND OUR STA. SPD. CL PRES SPD. CL PRES STA. SPD. CL PRES STA. SPD. CL PRES STA.		11 E F 8	REMARKS				MAX. DEPTH = \UM\ m	Cleaned air bleed valve	II.	TTLE SAMPLE BOTTLE NUMBER	WHIT'S SAL. NUTR. CHL. NUTR.	ı										
	SEA STATE VISIBILITY O WIND	* * (deg)	040614		File Name/Header				Cleaned	1000 ng/l	SAMPLE BOTTLE DATA	SALINITY	FF86.46		31	_							
	WET EE BULB	(°C) (mb)	3.8/	DATA LOCATION	File Na	CARO			TRANSMISSOMETER	300 ug/l		SEC. SALINITY	,										,
	TIME DRY (GMT) BULB	HR MIN (°C)	8.4 618		Tape/Diskette ID					100 ng/l	UES	PRI. SALINITY	5885.4E									-	
PROJECT & LEG MF99-07		YR	1 6 6 Y		Tape				ChIAM 109	30 ug/l	CTD CONVERTED MONITOR VALUES	SEC. TEMP. PF											
PRC	DATE JD=	DAY MO	8 1 W 1 H M A	JD/TIME					FLUOR 153	10 ug/l	CONVERTED												
	LONGITUDE	DEG MIN	15	S	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	PAR 4242	3 ng/l	CTE	PRI. TEMP.											
R FREEMAN	JDE	MIN	30.14N.08	TIMES	9+ S/N 91660 DAT	29772 STAI	884 AT D	889 AT.S	30	33		PRESSURE	909.860										
VESSEL NOAA R/V MILLER FREEMAN		DEG	011552	СТО	TYPE & SN 94	PRESS SN 28	PRI TEMP SN 88	SEC TEMP SN 88	PRI COND SN 530	SEC COND SN 303	POS. DEPTH		1	2	ŝ	4	5	9	 8	6	10	11	12

	STA. NAME/ID							Ε			MBER	WHIT'S NUTR.												
z			7					į			SAMPLE BOTTLE NUMBER	OHL.												
STATION DESIGNATION	ВОТТОМ DEPTH	(m)	487	S				TH=			LE BOT	NUTR.												
N DESI	39YT MEATHER	*	72	REMARKS				MAX. DEPTH =	Cleaned air bleed valve		SAMPI	SAL.	5					-						
STATION	SPOUD (amt)	(kts) *	3 5 8	<u> </u>	11			Σ	air blee		TLE	• • • • • • • • • • • • • • • • • • • •												
07	WIND V	(deg) (\ <u>\</u>		der				eaned	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY	33 9052											
	VISIBILITY	*	1/2/		e/Hea	(1)			ō K	5	SAMPL	SA	33.9											
	PRESSURE SEA STATE	* (dm)	۱ ۶	TION	File Name/Header	010010				g/I		Υ												
	WET BULB	(°C)	04.0	DATA LOCATION	Ē	Û			IETER	300 ug/l		SEC. SALINITY												
			0	DATA					IISSON			SEC.												
	DRY BULB	(၃)	05		te ID				TRANSMISSOMETER	100 ug/l		ITY	d											
	# (F	NIM	77		Tape/Diskette ID					<u>+</u>	ES	PRI. SALINITY	33.9073											
LEG	TIME (GMT)	품	20		Tape				ChIAM 109	l/c	CTD CONVERTED MONITOR VALUES	PR	93											
PROJECT & LEG MF99-07		YR	Y 9 9]	ChIA	30 ug/l	ONITO	MP.												
PROJEC MF99-07		₩							153		TED MC	SEC. TEMP.		3					'Y					
	DATE	DΑΥ	N) 4	JD/TIME					FLUOR 153	10 ug/l	NVER.	S												
	Щ		651	JD/							тр сс	MP.								:				
	LONGITUDE	MIN	0			NWC	~	ACE	4242	1/		PRI. TEMP												
	LO	DEG	9N16810.65W14MA	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	X PAR 4242	3 ug/l													_	
3	,		Z	<u></u> ∏		ST	AT	AT				SURE	253											
REEMA	UDE	7	.69		9+ S/N 91660							PRESSURE	438,253											
LER FI	ا2	Z Z	77		1/S +6	29772	884	688	530	303	¥5		7											
VESSEL NOAA RV MILLER FREEMAN	() ≱ ±	DEG	22556	СТО	SN	NS.	AP SN	MP SN	NS Q2	ND SN	TRIP DEPTH													
VESSEL NOAA R	CONSC CAST#		0 1		TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.		-	2	3	4	ည	9	7	8	6	10	-	12

STATION DESIGNATION	WIND WIND COUR (SMIT) OURN. SPD. CLAR BOTTOM OIRN. STA. DEPTH NAME/ID	(kts) * * (m)	11832872 217	REMARKS	der			MAX. DEPTH = m	Cleaned air bleed valve	1000 ng/l	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL. NUTR. CHL. NUTR.												
	W ESSURE BCLB SEA STATE VISIBILITY	(°C) (mb) * *	17760.000	DATA LOCATION	File Name/Header				TRANSMISSOMETER	300 ug/l	SAMPI	SEC. SALINITY SA	8.4											
PROJECT & LEG MF99-07	TIME DRY (GMT) BULB	YR HR MIN (°C)	99270105.		Tape/Diskette ID				ChIAM 109 TRANS	30 ug/l 100 ug/l	D MONITOR VALUES	P. PRI. SALINITY	,			•	,				,			
PROJEC MF99-0	UDE DATE JD=		.86 W 1 4 M A Y	JD/TIME	, ,		ri		2 FLUOR 153	/10 ng/l		PRI. TEMP. SEC. TEMP.												
REEMAN	LATITUDE	DEG	.98 N 1 68 04	TIMES	9+ S/N 91660 DATA ON	2 START DOWN	АТ DEРТН	AT SURFACE	PAR 4242	3 ug/l		PRESSURE PRI.												
VESSEL NOAA R/V MILLER FREEMAN		DEG MIN	52551	СТО	TYPE & SN 9+S/	PRESS SN 29772	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	SEC COND SN 303	POS. DEPTH		1	2	3	4	2	9	7	8	6	10	11	12

	STA. NAME/ID							E			IBER	WHIT'S NUTR.												
					2	6		i o			SAMPLE BOTTLE NUMBER	CHL												İ
STATION DESIGNATION	BOTTOM	(E)	000		Sires Last	9 3 4		0			ВОТТІ	NUTR.												ļ
DESIGN	ABHTABW	*		ARKS	1		0	MAX. DEPTH =	valve		AMPLE			-			<u> </u>	<u>. </u>	<u> </u>					
NOIL	S S S S S S S S S S S S S S S S S S S	*	7 7 9	REIV	ρr	0	lef) Š	Cleaned air bleed valve			SAL	30				<u> </u>	1		<u>.</u>		ł		
STA			0				l	1	ed air	l/gu	OTTLE	<u></u>												
	WIND DIRN.	(deb)			eader	4			Clean	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY												l
	SEA STATE VISIBILITY	*	<u>اتا</u> و	_	File Name/Header	TIPOIT					SAN													
	PRESSURE	(mp)	2	ATION	ile N	4			ر ا	1/6n 00£		NITY												
	WET BULB	(၁,)	4 . 8 . 6	DATA LOCATION			j	ı	METE	300		SEC. SALINITY					,							
			σ	DAT					MISSO			SEC												
	DRY BULB	(၁.)			tte ID				TRANSMISSOMETER	100 ug/l		YIIV												
	TIME (GMT)	HR MIN	五		Tape/Diskette ID						JES	PRI. SALINITY												
LEG	ੂੰ ਵਿੱਚੀ	ш	0		Tape				ChIAM 109	l/c	CTD CONVERTED MONITOR VALUES	PR				·								l
PROJECT & LEG MF99-07		ΥR	У 9 9					Į.	ChIA	30 ug/l	ONITOR	MP.												
PROJE MF99-	4	ΘM	A						53		ED MC	SEC. TEMP.												
	DATE	DAY	· 09 W 15 M A	ME					FLUOR 153	1/6n 01/	VVERT	S						,						
			N P C	JD/TIME					7	Ž	10 CO	ē.										**		
	LONGITUDE	MIN				Ν		щ	242		็อ	PRI. TEMP												
	LONG	<u>_</u>	727	S	NO N	START DOWN	АТ БЕРТН	AT SURFACE	PAR 4242	3 ug/l														
	-	DEG	۲۲ 9 ام	TIMES	DATA ON	STAF	ATD	AT SI	7			RE												ſ
EMAN	Й		4		1660							PRESSURE												
R FRE	LATITUDE	ΝIM			9+ S/N 91660	29772	4	ရ	o O	5		 H												
MILLE		DEG	5431	ا	•		88 N	SN 889	SN 530	SN 303	TRIP DEPTH													
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST #	니	1	CTD	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN			3.7											-
N K	<u> </u>		0		<u>L</u>	PRE	P. S.	SEC	PRI	SEC	POS.		-	2	3	4	3	9	7	∞	თ	10	7	

	٥							ļ _			ır l	WHIT'S NUTR.												
	STA. NAME/ID							E ~			SAMPLE BOTTLE NUMBER												_	
7			. 10					30 80			LE NI	CHL.												
ATIO	BOTTOM DEPTH	(m)	695					<u>"</u>			ВОТТ	NUTR.												
SIGN	яэнтаэw В д			RKS				DEPTI	lve		MPLE			_									_	
N DE	CLOUD (amt)	*	38	REMARKS	0			MAX. DEPTH =	ed va		SAI	SAL	10											
STATION DESIGNATION	WIND SPD.	(kts) *	3						Cleaned air bleed valve		LE													_
S	WIND V	(deb)	6		_			}	aned a	1000 ug/l	LE BOT	SALINITY												
		Đ)	7		File Name/Header	V)			Cle	100	SAMPLE BOTTLE DATA	SALI												
	SEA STATE YTIJIBISIV	*		_	ame/F	Ó					SA		-				_							
	PRESSURE	(mp)	- (-	ATION	ile N	SVOE FO			~	l/gn		ΛΙΤΥ												
	WET BULB	(၃)	4-10-4	DATA LOCATION	ш		l	I ;	ETEF	300 ug/l	1	SEC. SALINITY												
	> @			DATA					SSON			SEC.												:
	DRY BULB	ပ္	0	_	Ω				TRANSMISSOMETER	l/6n				-										
					kette				TRA	100 ug/l	.	LINIT												
	TIME (GMT)	HR MIN	1539		Tape/Diskette ID				6		UES	PRI, SALINITY	,											
LEG		⊢	-		Тар				ChIAM 109	l/bi	R VAI	<u>.</u>					,							
PROJECT & LEG MF99-07		YR	6						당	30 ug/l	OTIN	MP.												
PROJEC MF99-07	=QC	ΟW	Υ×						33		D MC	SEC. TEMP.										-		
Δ. ≥		DAY	N	ш					FLUOR 153	 J/B	ERTE	SEC												
		٥	M 3 1 W 1 E	JD/TIME					T-LU	√10 ug/l	CTD CONVERTED MONITOR VALUES													
	, , <u>H</u>	z	Г	7	İ				_ >		стр	EMP.												
	LONGITUDE	NIW				NMC		CE	4242	_		PRI. TEMP												
	LG I	ပ	16720	S	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	VPAR 4242	3 ug/l														
		DEG		TIMES	DAT.	STA	ATE	ATS		_,	,,,	Ę.												
MAN		\dashv	Z T		360							PRESSURE												
FREE	LATITUDE	Z	6		9+ S/N 91660	2						PRE												
LER		NW	0 4 D		8+8	29772	884	889	530	303													l	
V MIL		DEG	10	CTD	SN	SN	SN	P SN	NS C	NS QI	TRIP DEPTH													
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST#		л Л	ပ	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN				_					_	_		6	## 	~
N N	िंठ		0		<u></u>	A.	P.R.	SĒ	A.	S Ē	POS.			2	က	4	5	9	2	∞	ი	10	=	12

		Т					:	;				(0 =	T	T	T	ŗ.	<u> </u>	Ι' -			1			
	STA.						503	E			MBER	WHIT'S NUTR.							/	e e e e e e e e e e e e e e e e e e e				,
7		+	0.00					609			SAMPLE BOTTLE NUMBER	CHL.												:
STATION DESIGNATION	BOTTOM	Œ	02					: :::"王			Е ВОТТ	NUTR.				1								
ESIG	RENTAEW	۸ *	_	REMARKS				MAX. DEPTH =	alve		AMPLI		~											
TION	LAPE CLOUD (amt)	L *) *	5 6	REM				MAX	leed \			SAL.	d											
STA	VINO Co Composition (semit)	(kts)	34				ı	1	d air t	1/6	TTLE	<u> </u>												
	WIND DIRN.	(deg)	130		ader	5			Cleaned air bleed valve	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY												
	SEA STATE VISIBILITY	*	00		ie/He						SAMF	S												
	PRESSURE	(dm)	T	NOI	File Name/Header	510000				1/6														\neg
	WET BULB	1		OCA1	Ě	O	1	<u> </u>	TER	300 ug/l		SALINI					:							
	M W	٤	lder	DATA LOCATION					TRANSMISSOMETER			SEC. SALINITY												
	DRY BULB	(S)	رة 0	_	₽				NSMIS	100 ug/l		>							<u> </u>				_	\dashv
		╙	W /		skette				TRA	100		ALINIT												
	TIME (GMT)	HR MIN	40		Tape/Diskette ID				60		D MONITOR VALUES	PRI. SALINITY												
ROJECT & LEG IF99-07		YRH	6		_ <u>_</u>				ChlAM 109	30 ug/l	OR VA													\dashv
JECT 9-07		-	7 9			. ,		. [<u>5</u>	<u>8</u>	MONIT	EMP.												
PROJECT MF99-07	E JD=	MO	A M						153	·	TED A	SEC. TEMP												
	DATE	DAY	AHWIEMA	JD/TIME					FLUOR 15	10 ug/l	CTD CONVERTE	0,						,					_	
	ш		7 4 6	/Qr							TD CC	Æ.												
	LONGITUDE	M				N N		兴	242		Ó	PRI. TEMP												
	LONG	(C)	لم رو	တ	NO	START DOWN	АТ БЕРТН	AT SURFACE	JEAR 4242	3 ug/l		ā												
	<u> </u>	DEG	و	TIMES	DATA ON	STAF	AT DI	AT SI				Щ												
MAN	111	Н	P66N16739.		099							PRESSURE										,		
FREE	LATITUDE	Z	9		9+ S/N 91660	72			Ì			PRÉ												
IILLER	3	Ш	33		6	29772	884	688	530	y 303						**		<u> </u>						=
VESSEL NOAA R/V MILLER FREEMAN	<u>Q</u> #	DEG	5 75	СТБ	& SN	SSN	MP SN	SEC TEMP SN	PRI COND SN	AS ONC	TRIP DEPTH													
VESSEL NOAA R	CONSC CAST#		0		TYPE & SN	PRESS SN	PRI TEMP SN	SEC TE	PRI CO	SEC COND SN	POS.		-	2	က	4	5	9	7	8	6	10	=	12
		-																						

STATION DESIGNATION	УП	E BOTTOM STA. B DEPTH NAME/ID	(m)	1 4 3	RKS			W/0=657	MAX. DEPTH = 654 m	Ilve		SAMPLE BOTTLE NUMBER	WHIT'S NUTR. CHL. NUTR.												
TATION DE	(tms) O	TYPE	. *	9 H C	REMARKS			3	MAX.	Cleaned air bleed valve			SAL.	33											
S		WIND DIRN.	(deg)	115		eader		!		Cleaned	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY		1										
	SURE STATE YTIJIB	SEA	, (qm)	5.020H8	NOIL	File Name/Header					1/6	SAN													-
		WET BULB	(ఫి)	5.0	DATA LOCATION	Ē]	SOMETER	300 ug/l		SEC. SALINITY			,									
		DRY BULB	(၁့)	5.5	۵	ette ID				TRANSMISSOMETER	100 ug/l														_
EG		TIME (GMT)	HR MIN	0345		Tape/Diskette ID				A 109		VALUES	PRI. SALINITY				•								
ROJECT & LEG IF99-07			O YR	6 6 ★						ChIAM 109	30 ug/l	D MONITOR VALUES	EMP.												
PROJECT MF99-07	94	DATE JD=	DAY MO	AM 9 / WFF	ME				,	FLUOR 153	10 ug/l	VERTED N	SEC. TEMP												
	43	.nde	MIN		JD/TIME		<u></u>				6	CTD CONVERTE	PRI. TEMP.												
		LONGITUDE	DEG	61191	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	X PAR 4242	3 ug/I		PRI												
REMAN	·			Z 9		9+ S/N 91660 DA		AT	AT				PRESSURE										-		
VESSEL NOAA R/V MILLER FREEMAN	· ·	٥	DEG MIN	7 2 H 2 8	0	·	SN 29772	SN 884	889 NS d	SN 530	D SN 303	TRIP DEPTH	_	654											
VESSEL NOAA RA		CONSC CAST #		- 0	СТБ	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.		1 6	2	3	4	2	9	7	8	6	10	11	12

PG KOF

STATION DESIGNATION	WIND OD # STA. SPD. CL YPEA BOTTOM STA. SPD. CL YPEA DEPTH NAME/ID	*	13811376	REMARKS			1005 = 2/6	MAX. DEPTH = 00 m	Cleaned air bleed valve		E SAMPLE BOTTLE NUMBER	SAL. NUTR. CHL. NUTR.	32											
ST	SEE STATE VISIBILITY OF WIND NOTE OF WIND NO	(deg)	1255184		File Name/Header				X Cleaned air	1000 ug/I	SAMPLE BOTTLE DATA	SALINITY												
	WET BULB PRESSURE	(°C) (mb)	504.8204	DATA LOCATION	File Na				TRANSMISSOMETER	1/6n 008		SEC. SALINITY												
O	TIME DRY (GMT) BULB	HR MIN (°C)	434705.6		Tape/Diskette ID	:				100 ng/l	/ALUES	PRI. SALINITY			,								-	
PROJECT & LEG MF99-07	1	DAY MO YR	Y 9 9		<u></u>				FLUOR 153 ChIAM 109	1/6n 0E //	ERTED MONITOR VALUES	SEC. TEMP.					:							
	ONGITUDE	MIN	16741.30W16MA	JD/TIME	NO	START DOWN	PTH	AT SURFACE	PAR 4242 FLUC	3 ug/l 10 ug/l	CTD CONVERTE	PRI. TEMP.						-						
FREEMAN	JDE	MIN DEG	3.10N16	TIMES	9+ S/N 91660 DATA ON		АТ DEPTH			-		PRESSURE											,	
VESSEL NOAA R/V MILLER FREEMAN		DEG	018541	СТО	TYPE & SN 9+	PRESS SN 29772	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	SEC COND SN 303	POS. DEPTH		1 /66	2	3	7	\	9	7	8	о	10	11	12

VESSEL NOAA RV MILLER FREEMAN	R FREEMAN				PROJECT MF99-07	PROJECT & LEG MF99-07	LEG					STAT	ON DE	STATION DESIGNATION	NO	
CONSC CAST # LA	LATITUDE	_	LONGITUDE	<u>_</u>	DATE JD=		TIME (GMT)	DRY BULB	WET	SES STATE	VISIBILITY S WIND	WIND	W W W S W S W S W S W S W S W S W S W S	BOTTOM		STA.
DEG	MIN	DEG	MIN		DAY MO	YR C	HR MIN	(0,)	(0,0)	(mb)	(deg)	(kts)	^ <u>*</u> <u>I</u>	+	+	
0195406	N 6 6 . 9		16736.39	× ×	3 W 1 6 M A	A Y 9 9	1139	و	4 P 1 O . 3 O	101	00	17529	*	18	0 10	
СТР		TIMES		JD/TIME	ш				DATA LOCATION	NOI			REMARKS	RKS		-
TYPE & SN 9+	9+ S/N 91660	DATA ON	NO No				Tape/Diskette ID	ette ID	Ē	File Name/Header	Header					
PRESS SN 29	29772	STARI	START DOWN		-		,		ć	610G. T.O	9		: :	4	:	:
PRI TEMP SN 884	4	АТ DEРТН	РТН						{ 			1				# * * * * * * * * * * * * * * * * * * *
SEC TEMP SN 889	6	AT SU	AT SURFACE			,			 			ı	MAX. DEPTH	EPTH =		E
PRI COND SN 530	0		PAR 4242	FLU	FLUOR 153	ChlA	ChIAM 109	TRANSMI	TRANSMISSOMETER		Cleane	Cleaned air bleed valve	eed val	9>		
SEC COND SN 303	3	3	3 ug/l	10 ug/l	1/6	1/6n 08		100 uç/ı	1/5n 00E	1/6	1000 ug/l	1/6				
POS. DEPTH			СТБ	CONV	CTD CONVERTED N	MONITOR	MONITOR VALUES			Ś	SAMPLE BOTTLE DATA	эттс	SAN	SAMPLE BOTTLE NUMBER	TLE NU	MBER
	PRESSURE	щ	PRI. TEMP.		SEC. T	TEMP.	PRI. SALINITY	YII	SEC. SALINITY	<u></u>	SALINITY	<u> </u>	SAL.	NUTR	CHL	WHIT'S NUTR
													7			
2																
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VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN				PRO. MF99	PROJECT & LEG MF99-07	EG				S	TATION	DESIG	STATION DESIGNATION	7	
	LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATE YIII III IIV	VISIBILITY WIND W DIRN. 8	WIND SPD. CLOUD (amt)	39YT A3HTA3W	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	NIM E		DAY MO) YR	HR MIN	(°C)) (C _e) (L	* * (dm)	(k	(kts) *	*	(m)		
1 45 000	N + 1 . K		H · 1 ht 91	M T	1 6 M A	Y 9 9	1308	ਨ •	1 p. H 6	8 46	S 1 7 0 3	*	/ /	H 38		
СТО		TIMES		JD/TIME	Æ				DATA LOCATION	NO		R	REMARKS	"		i
TYPE & SN 9+	9+ S/N 91660	DATA ON	NO.				Tape/Diskette ID	cette ID	File	File Name/Header	leader					
PRESS SN 297	29772	STAR	START DOWN						ار: ا	CIDOAC	g					
PRI TEMP SN 884		АТ ОЕРТН	ЕРТН													
SEC TEMP SN 889		AT SI	AT SURFACE			. [l l		MA	MAX. DEPTH =	тн =		E
PRI COND SN 530	0		PAR 4242	FLI	FLUOR 153	ChIA	ChIAM 109	TRANSM	TRANSMISSOMETER		Cleaned air bleed valve	ir bleed	valve			
SEC COND SN 303	3		3 ng/l	10	10 ug/l	30 ug/l	1/6	100 ug/l]/6n 00E		1000 ug/l					
POS. DEPTH			стр	CON	CTD CONVERTED MONITOR VALUES	ONITOR	S VALUES	1].	SA	SAMPLE BOTTLE DATA		SAMPL	E BOTT	SAMPLE BOTTLE NUMBER	BER
	PRESSURE	Щ	PRI. TEMP	٥.	SEC. TEMP.	EMP.	PRI. SALINITY	LINITY	SEC. SALINITY	>	SALINITY	Ø	SAL.	NUTR.	CHL.	WHIT's NUTR.
1																
2										,						
3								·	-				•			
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9																
8							i									
6																
10																
11					!											
12																

STATION DESIGNATION	WET SSURE SEATHER VIND WIND UND CLOUD (SMT) BULB SPEATHER STA. BULB SPEATHER STA.	(m)	* * 1 %	DATA LOCATION REMARKS	File Name/Header			MAX. DEPTH = 350 m	Cleaned air bleed valve	300 ug/l 1000 ug/l	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SEC. SALINITY SAL. NUTR. CHL. NUTR.	IT										
PROJECT & LEG MF99-07		DAY MO YR HR MIN (°C)	30W17AMAY991217 5.1	JD/TIME DA	Tape/Diskette ID				FLUOR 153 ChIAM 109 TRANSMISSOMETER	10 ug/l 30 ug/l 100 ug/l	CTD CONVERTED MONITOR VALUES	SEC. TEMP. PRI. SALINITY SI											
FREEMAN	LATITUDE	MIN DEG MIN	7 . 2 4 N 16 6 2 3 . 30	TIMES JD,	9+ S/N 91660 DATA ON	29772 START DOWN	4 AT DEPTH	9 AT SURFACE	PAR 4242	1/6n E	CTD	PRESSURE PRI. TEMP.											
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST # LA	DEG	033541	СТБ	TYPE & SN 9+	PRESS SN 297	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	SEC COND SN 303	POS. DEPTH		-	2	3	4	ۍ.	9	7	8	6	10	11

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN				PROJECT & LEG MF99-07	CT & LE	၅	·				ST/	TION DE	STATION DESIGNATION	NO	
CONSC CAST #	LATITUDE		LONGITUDE		DATE JD=		TIME	DRY	WET	SRESSURE STATE ABS	VISIBILITY	WIND WIN	WIND (amt) TypE TypE	мертнек Воттом Редтн		STA.
DEG	MIN	DEG	MIN			ΥR	HR	(0)	(0)		*		1 ∗		+	
3 1 H 2 H C O	N 6 F . 9		49. 40001	MF/WHO.		A Y 9 9	1658	3.8	3.01547	151	[인		∞	21.15		
СТО		TIMES		JD/TIME	***			_	DATA LOCATION	TION			REMARKS			
TYPE & SN 9+	9+ S/N 91660	DATA ON	NC NC			7	Tape/Diskette ID	itte ID	ΪĒ	File Name/Header	/Heade	-	077	18	3	J. Calc.
PRESS SN 29	29772	START	START DOWN						<i>(</i>	CABOAH	He		19	Johns Low (250 m	()	150 m
PRI TEMP SN 884		АТ ОЕРТН	TH T										8	0		
SEC TEMP SN 889		AT SURFACE	RFACE			1							MAX.	MAX. DEPTH =	ingle de grande de de	ε
PRI COND SN 530	o	2	VPAR 4242	FLUO	FLUOR 153	ChIAM 109		TRANSMI	TRANSMISSOMETER	-	S S	aned air	Cleaned air bleed valve	lve		
SEC COND SN 303	3	3	3 ug/l	10 ug/l	1/1	30 ug/l		100 ug/l	1/6n 00E	1/61	100 100	1000 ug/l				
POS. DEPTH			CTD	CONVE	CTD CONVERTED MONITOR VALUES	NITOR	VALUES	:			SAMPLE DA	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE NU	MBER
	PRESSURE	ñ	PRI. TEMP.		SEC. TEMP.	ΛP.	PRI. SALINITY	NITY	SEC. SALINITY	ΥTI	SALI	SALINITY	SAL	NUTR.	CHL	WHIT'S NUTR.
-													V.			
2																
3																
4																
5																
9									,							
7																
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VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN		₫ ೱ	PROJECT & LEG MF99-07	EG				STATION DESIGNATION	DESIG	NATIO	7	
	LATITUDE	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET ESSURE BULB	SEA STATE VISIBILITY OF WAR	CLOUD (amt)	ASHTASW	BOTTOM DEPTH		STA.
DEG	MIN	DEG MIN	DAY	MO YR	HR MIN	(၁ _°)	(am) (am)	(6ep) , ,	(kts) *		(E)	<u>}</u>	
9115 500	6.66N	16630.3	MILIM!	A Y 9 9	1517	05.2	04.017	89767	197	~	5601		-
e E S	lan.	TIMES	JD/TIME			Δ	DATA LOCATION		RE	REMARKS	"		
TYPE & SN 9+	9+ S/N 91660	DATA ON		ı	Tape/Diskette ID	tte ID	File N	File Name/Header					
PRESS SN 29	29772	START DOWN				ļ							
PRI TEMP SN 884		АТ ДЕРТН										epines grapes of the state of t	
SEC TEMP SN 889		AT SURFACE					 		Ψ	MAX. DEPTH =		909	٤
PRI COND SN 530	30	X PAR 4242	FLUOR 153		ChlAM 109	TRANSMIS	TRANSMISSOMETER	X Cleaned air bleed valve	air blee	d valve			
SEC COND SN 303)3	3 ng/l	10 ug/l	30 ug/l		100 ng/l	l/gu 008	1000 ug/I					
POS. DEPTH		СТІ	CTD CONVERTED	D MONITOR VALUES	VALUES			SAMPLE BOTTLE DATA	TLE	SAMPL	Е ВОТТ	SAMPLE BOTTLE NUMBER	BER
	PRESSURE	E PRI. TEMP.	o. SEC.	. TEMP.	PRI. SALINITY		SEC. SALINITY	SALINITY		SAL. N	NUTR.	CHL.	WHIT's NUTR.
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	STA. NAME/ID			ļ				E		,	BER	WHIT'S NUTR.									,			
								1002			SAMPLE BOTTLE NUMBER	CH.					,							
STATION DESIGNATION	ВОТТОМ DEPTH	(E)	692							,	ВОТТ	NUTR.												
DESIGN	ЯЭНТАЭМ	*	1	REMARKS				MAX. DEPTH =	/alve		AMPLE		}_											
TION	S V V V V V V V V V V V V V V V V V V V	*	278	REM	:			MAX	Cleaned air bleed valve			SAL	25						<u> </u>					
STA		•	010				1	ı	ed air	l/gu	OTTLE	≽							i					
	WIND DIRN.	(deg)	23		eader				Clean	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY					:						.	
	SEA STATE YTIJIBISIV	*	937	_	File Name/Header				\boxtimes		SAN				,									
	PRESSURE	(qm)	<u>ک</u> ک	ATION	File N				<u>ا</u> م	300 ug/l		<u></u> LINI										,		
	WET BULB	(၃)	9	DATA LOCATION		,			TRANSMISSOMETER	300]	SEC. SALINITY		- - -							./	/		
	>- <u>m</u>		0 1	DA					SMISSC	-		S		_						ļ				
	DRY BULB	(၁့)	00		ette ID	i			TRANS	100 ug/l		<u>Y</u> IN											! !	
	TIME (GMT)	HR MIN	22		Tape/Diskette ID						UES	PRI. SALINITY											,	
LEG	F 9	Н	903		Тар				ChIAM 109	l/bi	R VAL	. <u>g</u> .												
PROJECT & LEG MF99-07		YR	γ 9						<u>8</u>	30 ug/l	ONITO	MP.												
PROJEC MF99-07	=Qf =	OW (8 M A					'	153		CTD CONVERTED MONITOR VALUES	SEC. TEMP.												
	DATE	DAY	8 1 v	JD/TIME	`				FLUOR 153	10 ug/l	NVER	<i>S</i>		ć.		_								
	ñ		90w 1	Jan Jan			100))))	MP.												
	LONGITUDE	MIN	27			N/N		CE	4242	_		RI. TEMP.											,	
	PON	DEG	1662	ES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	X PAR 4242	3 ug/l									-					
		۵		TIMES		STA	AT [AT §]	JRE								:				
VESSEL NOAA R/V MILLER FREEMAN	DE		0 0		91660		:					PRESSURE												
ER FRE	LATITUDE	Z	9		9+ S/N 91660	29772	884	889	530	303														
/ MILLI		DEG	>-	٥	•						TRIP DEPTH		202											
VESSEL NOAA RA	CONSC CAST#		026	CTD	TYPE & SN	PRESS SN	PR! TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN												C		
[> S	5 8		0		<u> </u>	A.	A.	S.	P.R.	SE	POS.		-	2	3	4	5	9	7	ω	0	9	11	12

VESSEL NOAA R/V MILLER FREEMAN	REEMAN	į		PROJEC MF99-07	PROJECT & LEG MF99-07	EG				67	STATION	N DESI	STATION DESIGNATION	Z	,
			•						SURE STATE SILITY		(amt) C				
	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET	SEA	WIND DIRN.	SP. S. OUI	∃9YT ITA∃W	BOTTOM DEPTH		STA. NAME/ID
DEG M	ZIW	DEG MIN		DAY MO	YR	HR MIN	(၁့)	(°C)	, (dm)	(deb)	(kts) *	T.	(m)		
103416.43N16637	N 6		× ×	· H S W I 8 M A Y	y 9 9	1118	5.9	8.1	1937	26506	ゴ	~	ナー		
CTD		TIMES	JD/TIME	Ē			_	DATA LOCATION	NOI		<u> </u>	REMARKS	S)		
TYPE & SN 9+ S	9+ S/N 91660	DATA ON				Tape/Diskette ID	ette ID	Ē	File Name/Header	leader	1		!	1	
PRESS SN 29772	:	START DOWN							FEOUT.	Ċ				51	
PRI TEMP SN 884	1	АТ ОЕРТН						 							
SEC TEMP SN 889	,	AT SURFACE		\							W/	MAX. DEPTH =	PTH =	* * * * * * * * * * * * * * * * * * *	E
PRI COND SN 530		V PAR 4242	FLU	FLUOR 153	ChIAM 109	4 109	TRANSMI	TRANSMISSOMETER		Cleaned air bleed valve	air blee	d valve	a.		
SEC COND SN 303		3 ng/l	10 ug/l	l/bi	30 ug/l	"	100 ug/l	1/6n 00E	1/6	1000 ug/l					
POS. DEPTH		CI	CTD CONVERTE	ERTED M	ONITOR	D MONITOR VALUES			SA	SAMPLE BOTTLE DATA	TLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUN	IBER
	PRESSURE	PRI. TEMP	Ē.	SEC. TEMP	MP.	PRI. SALINITY	YLINITY	SEC. SALINITY	λL	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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STATION DESIGNATION	WIND WIND OF PER BOTTOM STA. DIRN. SPD. C. T. S. DEPTH NAME/ID	,	0811180	REMARKS				MAX DEPTH = GO	Cleaned air bleed valve	1000 ug/l	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL. NUTR. CHL.	33											
	WET SEASURE SEASTE VISIBILITY DIRN.	(°C) (mb) * * (de	3.92028.6	DATA LOCATION	File Name/Header	Stop P.				300 ug/l	SAMPLE	SEC. SALINITY SALI							, :					
	TIME DRY (GMT) BULB E	HR MIN (°C)	0.8 4 9.0	DAT/	Tape/Diskette ID				109 TRANSMISSOMETER	1/00 ng/l	ALUES	PRI. SALINITY SEC						*						
PROJECT & LEG MF99-07	=Qr	DAY MO YR H	30W 18MAY991	IME	<u>""</u>	_	174		FLUOR 153 Chiam 109	10 ug/l 30 ug/l	CTD CONVERTED MONITOR VALUES	SEC. TEMP.												
	LONGITUDE	DEG MIN	N 16628.30W	TIMES JD/TIME	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	✓PAR 4242 FI	3 ug/l	СТБ СОГ	PRI. TEMP.			-			·	The second second	Jane .				
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	MIN	1 1 . 9	TIN	9+ S/N 91660 DA	29772 ST	884 AT	889 AT	530	303		PRESSURE											ý	ie.
VESSEL NOAA R/V MIL	CONSC CAST#	DEG	0 0 0 E	CTD	TYPE & SN	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS. DEPTH		-	2	3	4	5	9	2	8	б	10	11	12

PROJECT & LEG MF99-07	DAT	* * (deg) (kts) * * (m)	0021212.506. 30051266 x	JD/TIME DATA LOCATION REMARKS	Tape/Diskette ID File Name/Header STATION MOVED DUE			ACE MAX. DEPTH = m	R 4242 KELUOR 153 Chiam 109 TRANSMISSOMETER Cteaned air bleed valve	// 10 ug/l 30 ug/l 100 ug/l 100 ug/l	CTD CONVERTED MONITOR VALUES DATA DATA	PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SAL. NUTR. CHL. NUTR.	£0										
PROJEC MF99-07	ONGITUDE	DAY	5 N (64 58. 6 8 W 1 8 M A Y	TIMES JD/TIME	DATA ON	START DOWN	АТ DEPTH	AT SURFACE	3		CTD CONVERTED MON	PRI. TEMP.											_
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	DEG MIN	295426.65NC	CTD	TYPE & SN 9+ S/N 91660 D	PRESS SN 29772 S	PRI TEMP SN 884	SEC TEMP SN 889 A	PRI COND SN 530	SEC COND SN 303	POS. DEPTH	PRESSURE	1 40,6m	2	3	4	5	9	7	8	6	10	-

VESSEL NOAA R/V MILLER FREEMAN	FREEMAN				a w	PROJECT & LEG MF99-07	& LEG						STAT	ION DES	STATION DESIGNATION	z -	
	LATITUDE		LONGITUDE		DATE J	-QC	(G ±	TIME (GMT)	DRY	WET BULB	PRESSURE STATS ABS	VISIBILITY O WIND O W.Y.	S WIND (amt)	CLOUD (amt) TYPE REATHER	BOTTOM DEPTH		STA. NAME/ID
DEG N	MiN	DEG	MIN		DAY	MO	YR HR	HR MIN	(°C)	(C)	* (dm)	(deg)			(m)		
305424	4. S7R	16507		9 g w	18 MAY	A Y 9	6	22530	6.9	2 50	100	1002	10201	7	7.4	~	
CTD	_ <u>-</u>	TIMES		JD/TIME	H.				70	DATA LOCATION	TION			REMARKS	KS		
TYPE & SN 9+8	9+ S/N 91660	DATA ON	Z				Tape	Tape/Diskette ID	<u></u>	ίΞ	File Name/Header	/Header		:			
PRESS SN 29772		START DOWN	DOWN			1				ļ			*				
PRI TEMP SN 884		АТ ОЕРТН	TH.														
SEC TEMP SN 889		AT SURFACE	RACE			[1		Í		MAX. D	MAX. DEPTH =	141	m
PRI COND SN 530		<u>A</u>	PAR 4242	7	FLUOR 15	23 CE	ChlAM 109		ANSMISS	TRANSMISSOMETER		X Clean	ed air b	Cleaned air bleed valve	e/		
SEC COND SN 303		3	3 ug/l	L 10 ug/l	l/gn	30	30 ug/l	10	100 ug/l	300 ug/l	l/gi	1000 ug/l	l/gn				
POS. DEPTH			CTI	NOO C	VERTE	TINOM C	CTD CONVERTED MONITOR VALUES	JES]	S	SAMPLE BOTTLE DATA	SOTTLE A	SAM	SAMPLE BOTTLE NUMBER	TLE NUM	1BER
	PRESSURE	щ	PRI. TEMP	٠.	SEC	SEC. TEMP.	PR	PRI. SALINITY		SEC. SALINITY	ΥTI	SALINITY	ίΤΥ	SAL	NUTR.	CHL.	WHIT'S NUTR.
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CONSC CAST # CA	VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN			PROJEC MF99-07	PROJECT & LEG MF99-07	ე					STATIC	ON DESI	STATION DESIGNATION	z	
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S N S N		MIN	DEG N	Н	1 1	\vdash	HR MIN	(၁့)	\top		(Gep)	(kts)	11.	Έ	+	
S N 3+ SN 91650 DATA ON TIME TAPE/DISKETTE ID THE Name/Header S SN 29772 START DOWN S SN 29772 START DOWN S SN 29772 START DOWN S SN _	96.		1 1	Δ	ი ი	51 00	•	8.40	171	138		9		9		
SS N 29772 START DOWN	СТО		TIMES	JD/TL	ME			<u>u</u>	ATA LOCAT	NOI		<u> </u>	REMAR	S)		
SS SN 29772 START DOWN	•	- S/N 91660	DATA ON			<u> </u>	ape/Diske	tte ID	Ę	» Name	//Header					·· — —
NA September State Sta		1772	START DOWN	_												
EMP SN 889 AT SURFACE OND SN 530 A PAR 4242 A FLUOR 153 ChIAM 109 TRANSMISSOMETER A Cleaned air bleed COND SN 303 3 ug/l Y 10 ug/l 30 ug/l 100 ug/l 1000 ug/l 1000 ug/l TRIP CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE DATA DATA SALINITY SALINITY SALINITY SALINITY			АТ ОЕРТН			L	i		 							
OND SN 530 M PAR 4242 M FLUOR 153 Chiam 109 TRANSMISSOMETER M Cleaned air bleed 1000 ug/l COND SN 303 3 ug/l M 10 ug/l 30 ug/l 100 ug/l 1000 ug/l 1000 ug/l TRIP CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE DATA DATA [7] I PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SALINITY			AT SURFACE			Li						. -	MAX. DE	PTH =		ε
Sugif 100 ugif 1		01	X PAR 424	X	UOR 153	ChIAM		TRANSMIS	SOMETER		Cleaned	air ble	ed valve			
DEPTH PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY SEC. SALINIT		13	3 ug/l	<u>ع</u> ک	l/6n	30 ug/l		100 ug/l	300 mg	l/t	1000 ng/	_				
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SALINITY SAL. NUTR. 10 10 10 10 10 10 10 10				CTD CON		NITOR V	'ALUES	:		53	SAMPLE BO	TLE	SAMF	LE BOTI	ILE NUN	BER
		PRESSUR		TEMP.	SEC. TEM	MP.	PRI. SALI	· ·	SEC. SALINI		SALINIT	<u> </u>	93	NUTR	CHL	WHIT'S NUTR
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VESSEL NOAA R/V MILLER FREEMAN	REEMAN		PROJEC MF99-07	PROJECT & LEG MF99-07			S	TATION	STATION DESIGNATION	ATION	
CONSC CAST # LATIT	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	IE DRY	WET BULB	YTIJIBISIV VISIBILITY VISIBI	WIND (amt)	яаут желтнек О	ВОТТОМ	STA ATA
DEG MIN	N.	DEG MIN	DAY MO	YR HR	z	(O°)	(bep)	,	۸.	(m)	
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СТБ		TIMES JE	JD/TIME			DATA LOCATION		RE	REMARKS		
TYPE & SN 9+ S/	9+ S/N 91660	DATA ON		Tape/	Tape/Diskette ID	File Na	File Name/Header				
PRESS SN 29772		START DOWN									
PRI TEMP SN 884	1	АТ DEРТН	-					S 5			
SEC TEMP SN 889		AT SURFACE						MA	MAX. DEPTH =	= 143	E
PRI COND SN 530		X PAR 4242 X	FLUOR 153	ChlAM 109	TRANSM	TRANSMISSOMETER	X Cleaned air bleed valve	air bleed	valve		
SEC COND SN 303			1/6n 01/X	30 ng/l	100 ug/l	1/6n 00%	1000 ng/l				
POS DEPTH		СТВ С	CTD CONVERTED MONITOR VALUES	VITOR VALUI	ES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	3OTTLE 1	VUMBER
	PRESSURE	PRI. TEMP.	SEC. TEMP.		PRI. SALINITY	SEC. SALINITY	SALINITY	<i>'</i> S	SAL. NUTR.	R. CHL	WHIT'S NUTR.
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VESSEL NOAA RV MILLER FREEMAN		PROJEC MF99-07	PROJECT & LEG MF99-07				STATIO	N DESI	STATION DESIGNATION	
2	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB PRESSURE	SEA STATE VISIBILITY O W	W W W O CLOUD (amt)	PENTHER PERTHER	ВОТТОМ	STA. NAME/IC
DEG MIN	DEG MIN	DAY MO	YR HR MIN	(၃)	(°C) (mb)	(deg)	(kts)	<u>. </u>	Œ	
335421.50N	16555.	95W 19MAY	990424	7.50	02.2	37150	212	7	824	
CTD	TIMES	JD/TIME			DATA LOCATION		2	REMARKS	S	
TYPE & SN 9+ S/N 91660	DATA ON		Tape/Diskette ID	cette ID	File N	File Name/Header				
PRESS SN 29772	START DOWN									
PRI TEMP SN 884	АТ DEРТН									
SEC TEMP SN 889	AT SURFACE						≥	AX. DEI	MAX. DEPTH = $46/$	٤ /
PRI COND SN 530	X PAR 4242	VELUOR 153	ChIAM 109	TRANSMI	TRANSMISSOMETER	Cleaned air bleed valve	air blee	d valve		
SEC COND SN 303	3 ug/l	X 10 ug/l	30 ug/i	100 ug/l	1/6n 008	1000 ug/l	=			
POS. DEPTH	СТD (CTD CONVERTED MONITOR VALUES	VITOR VALUES			SAMPLE BOTTLE DATA	ITLE	SAMP	SAMPLE BOTTLE NUMBER	NUMBER
PRESSURE	E PRI. TEMP.	SEC. TEMP.	P. PRI. SALINITY	LINITY	SEC. SALINITY	SALINITY		SAL	NUTR. O	WHIT'S CHL. RUTR
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VESSEL NOAA R/V MILLER FREEMAN	Z		PROJEC MF99-07	PROJECT & LEG MF99-07	99				STAT	STATION DESIGNATION	IGNATION	7	
CONSC CAST # LATITUDE		LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY	WIND WIND	© S CLOUD (amt) TYPE TYPE	ВОТТОМ DEPTH	STA, NAMED	4, m
DEG MIN	۵	DEG MIN	DAY MO) YR	HR MIN	(0)	(ام) (ت		(deg) (kts)	\ .) .	Œ	oppi	ĺ
34 5428.40	9/NC	602.	00 W 19 M A	6 6 X	9290	03.7	02.208	144	5022	288	1	9	
СТБ	Ē	TIMES	JD/TIME			u	DATA LOCATION	NO	i	REMARKS	{S		
TYPE & SN 9+ S/N 91660		DATA ON			Tape/Diskette ID	tte ID	File	File Name/Header	der	_			
PRESS SN 29772	ST,	START DOWN											
PRI TEMP SN 884	AT	АТ DEРТН	•										
SEC TEMP SN 889	ΑT,	AT SURFACE		, [MAX. DEPTH =	:РТН = 5	528	ε
PRI COND SN 530		A PAR 4242	FLUOR 153	Chiam 109		TRANSMIS	TRANSMISSOMETER	X	Cleaned air bleed valve	leed valv	a a		
SEC COND SN 303		3 ug/l	10 ug/l	30 ug/l		100 ug/l	1/6n 00E		1000 ug/l				
POS. DEPTH		CTD	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			SAMP	SAMPLE BOTTLE DATA	SAMF	SAMPLE BOTTLE NUMBER	LE NUME	3E.R
PRES	PRESSURE	PRI. TEMP.	SEC. T	EMP.	PRI. SALINITY	YTIN	SEC. SALINITY		SALINITY	SAL.	NUTR	CHL	WHIT'S NUTR.
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VESSEL NOAA R/V MILLER FREEMAN	FREEMAN				PROJEC MF99-07	PROJECT & LEG MF99-07	EG					STA	TION DE	STATION DESIGNATION	NO	
L	LATITUDE		ONG	۵	DATE JD=		TIME (GMT)	DRY BULB	WET	PRESSURE STATE ABS	VISIBILITY O W IN O W I	D WIND	1AbE CLOUD (smt)	жетней Воттом ОЕРТН		STA
DEG	MIN	DEG	ΝÏΣ		DAY MO	YR	HR MIN	(၁)	(0,)	(mb)	(deg)			<u> </u>	╄	
0355431	H . 50 0 N	16608		<u></u>	08W19MA	Υ 9 9	0815	0.9	5.1	H L 1	11 =	000	δ ₀ 0∞	्त प	0	
CTD		TIMES		JD/TIME	(11			_	DATA LOCATION	NOI			REMARKS	RKS		
TYPE & SN 9+8	9+ S/N 91660	DATA ON	NC				Tape/Diskette ID	tte ID	File	Name	File Name/Header	_				
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PRI TEMP SN 884		АТ БЕРТН	TH.						 							
SEC TEMP SN 889		AT SURFACE	3FACE					!	 			1	MAX. (MAX, DEPTH =	1	Ξ
PRI COND SN 530	(PAR 4242	FLUC	FLUOR 153	ChiA	Chiam 109	RANSMI	TRANSMISSOMETER		Clear	Cleaned air bleed valve	leed va	ve	7	
SEC COND SN 303	*	8	3 ng/l	1/gn 01/	1/¢	30 ug/l		100 ug/l	1/6n 00E	-	1000 ug/l	l/gu				
POS. DEPTH			CTD	NOX	CTD CONVERTED MONITOR VALUES	ONITOR	VALUES			S	SAMPLE BOTTLE DATA	30TTLE		SAMPLE BOTTLE NUMBER	TTLE NU	MBER
	PRESSURE	ñ	PRI. TEMP.		SEC. TE	EMP.	PRI. SALINITY	} L	SEC. SALINITY		SALINITY	IITY	SAL.	NUTR.	CHL	WHIT'S NUTR.
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ATION	BOTTOM STA. DEPTH NAME IC	\vdash	289					E 9			SAMPLE BOTTLE NUMBER	NUTR CHL NUTR												, , , , , , , , , , , , , , , , , , ,
STATION DESIGNATION	S W W S W W S W W W W W W W W W W W W W		Ø:	REMARKS		-		MAX. DEPTH =	leed valve	,		SAL NU	23											
STAI	VISIBILITY VISIBILITY OIRN. SPO. SPO.	(deg) (kts)	128		Header	5			Cleaned air bleed valve	1000 ug/l	SAMPLE BOTTLE DATA	SALINITY					i							
	W WE SOURE SEA STATE	(°C) (mb)	2.915HZ	DATA LOCATION	File Name/Header	SE OGY.			IETER	300 ug/I	<i>y</i> S	SEC. SALINITY					94		t					
	DRY W BULB BI	(0,)	3.9	DATA	ette ID				TRANSMISSOMETER	100 ug/l													i	•
& LEG	TIME (GMT)	YR HR MIN	60016		Tape/Diskette ID				ChIAM 109	30 ug/I	OR VALUES	PRI. SALINITY				,								
PROJECT & LEG MF99-07	DATE JD=	DAY MO Y	19 M A Y 9	J.					FLUOR 153 C		CTD CONVERTED MONITOR VALUES	SEC. TEMP.			. 1									
	ONGITUDE	MIN	614.18W19	S JD/TIME	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	PAR 4242 FLU	3 ug/l	CTD CON	PRI. TEMP.												
FREEMAN	LATITUDE	MIN DEG	991NOK.1	TIMES	9+ S/N 91660 DAT	29772 STAF	-					PRESSURE												
VESSEL NOAA R/V MILLER FREEMAN		DEG	1 42 980	СТБ	TYPE & SN 9+	PRESS SN 297	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	SEC COND SN 303	POS DEPTH		-	2	3	4	5	9	 æ	6	10	11	12	

VESSEL NOAA R/V MILLER FREEMAN	2 FREEMAN				PRC MF9	PROJECT & LEG MF99-07	LEG			i.	ST	ATION	STATION DESIGNATION	NOIL		
ı — ı	LATITUDE		LONGITUDE		DATE JD=	п	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY	WIND WII	S S S S S S S S S S S S S S S S S S S	ИЕНТАЭМ	ВОТТОМ	STA	# A
DEG	MIN	DEG	MIN		DAY MO	O YR	HR MIN	(0,)	() (C)	(qw)) . (g	١.	(m)		Γ
0378HH	7 69. F	991	000	82W19	A M 6	γ 9	8 4 1 1 6	3.5	3.0	上十十八	12125	588	ત	186		
СТО		TIMES		JD/TIME	J.				DATA LOCATION	NO		REM	REMARKS			
TYPE & SN 9+	9+ S/N 91660	DATA ON	NO			1	Tape/Diskette ID	ette ID	File	File Name/Header	ader					<u> </u>
PRESS SN 29	29772	STAR	START DOWN			; 	,			CABOBE	,					-
PRI TEMP SN 884		АТ ОЕРТН	PTH .			1			<u> </u>							-
SEC TEMP SN 889		AT SU	AT SURFACE			,			 			MAX	MAX. DEPTH =		1	
PRI COND SN 530	0	<u> </u>	PAR 4242	13	FLUOR 153	Chl	ChIAM 109	TRANSMI	TRANSMISSOMETER	Ĕ	Cleaned air bleed valve	pleed \	/alve			
SEC COND SN 303	3			10 ug/l	l/6r	30 ug/l		100 ug/l	1/6n 00E		1000 ug/l					
POS. DEPTH			CTD	CON	VERTED	MONITO	CTD CONVERTED MONITOR VALUES			SAME	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	OTTLE	NUMBE	ır.
,	PRESSURE	بب	PRI. TEMP.		SEC. T	TEMP.	PRI. SALINITY	INITY	SEC. SALINITY		SALINITY	SAL	L. NUTR	R CHL		WHIT'S NUTS
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VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN				PROJECT & LEG MF99-07	CT & LE	၅					STATIC	ON DES	STATION DESIGNATION	Z	
	LATITUDE	, LC	LONGITUDE	DA	TE JD=	···	TIME (GMT)	DRY	WET	SEA STATE	YTIJIBIŞIV V V V N N N N N N N N N N N N N N N N	WW WOO GOOD	ABHTABM	BOTTOM DEPTH		STA.
DEG	MIN	DEG	MiN	DAY	Y MO	YR	HR MIN	Ш	(၃့)	. (qm)	(deg)	(kts)	1.		-	
038 541	F91 N & S . 0	9	17.37	W	37 WIGMAY	6 6	165	۲	0 5.8	5.59658	3115	20	361	101	0	
СТБ		TIMES	마	JD/TIME					DATA LOCATION	NOIL			REMARKS	KS		
TYPE & SN 9+	9+ S/N 91660	DATA ON	z			•	Tape/Diskette ID	kette ID	Ē	File Name/Header	Header					
PRESS SN 29	29772	START DOWN	DOWN						O	C1D038	ος O					
PRI TEMP SN 884		АТ ОЕРТН	王							-						
SEC TEMP SN 889		AT SURFACE	FACE										MAX. D	MAX. DEPTH =		٤
PRI COND SN 530	0	Ž	PAR 4242	FLUOR 15	٦ 153	ChIAM 109	109	TRANSM	TRANSMISSOMETER		Cleaned air bleed valve	air ble	ed valv	بو		
SEC COND SN 303	3	3 (3 ug/l	10 ug/l		30 ug/l		100 ug/l	1/6n 00E	1/6	1000 ug/l					
POS. DEPTH]]	СТВС	CTD CONVERTE	RTED MOI	NITOR	D MONITOR VALUES			SA	SAMPLE BOTTLE DATA	TLE	SAM	SAMPLE BOTTLE NUMBER	TLE NUN	4BER
	PRESSURE	Ш	PRI. TEMP.		SEC. TEMP	ď.	PRI. SALINITY	LINITY	SEC. SALINITY	ΙΤΥ	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL NOAA R/V MILLER FREEMAN	FREEMAN			PROJEC MF99-07	PROJECT & LEG MF99-07	EG					STATIC	N DESI	STATION DESIGNATION	z	
									∃RU≎ ∃TATE	YTIJIE	O (amt)	HER		<u> </u>	
	LATITUDE	LONGITUDE	JDE	DATE JD=		TIME (GMT)	DRY BULB	WET	A38	WIND DIRN.	WIND OIL	∃9YT VEAT	BOTTOM DEPTH		STA NA*JE
DEG	MIN	N SEG	MIN	DAY MO	O YR	HR MIN	(၁့)) (၃)	(mb)	(deg)	(kts)		(m)	\vdash	Andrew Control
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СТО		TIMES	JD/TIME	ME			٦	DATA LOCATION	NO.		<u> </u>	REMARKS	(S		
17PE & SN 9+8	9+ S/N 91660	DATA ON				Tape/Diskette ID	ette ID	File	File Name/Header	Header		95	3	3	1000m
PRESS SN 29772	72	START DOWN						6	CINCA	89		2000	3	design	1
PRI TEMP SN 884		АТ ОЕРТН										5			
SEC TEMP SN 889		AT SURFACE							'			MAX. DEPTH =	PTH =	000	ε
PRI COND SN 530		PAR 4242		FLUOR 153	ChlA	ChIAM 109	TRANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	air ble	ed valve	a.		
SEC COND SN 303	•	3 ng/l	10	10 ug/l	30 ug/l		1/60 ng/l	1/6n 00E	ı/t	1000 ug/l	_				
POS. DEPTH			CTD COM	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			S	SAMPLE BOTTLE DATA	TLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUA	818 818
	PRESSURE		PRI, TEMP.	SEC. TI	EMP.	PRI. SALINITY		SEC. SALINITY	<u></u>	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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