PG 1 OF

PG OF

	STA. NAME/ID							E		(BER	WHIT'S NUTR.						2						
						and off-days and common as you were		SIC.		SAMPLE BOTTLE NUMBER	CHL.												
NATION O.3	ВОТТОМ DEPTH	( <del>ш</del> )	2015	S		as as of a deploy of the first deploy of the first deploy of the first deploy of the first deploy deposits.		тн.= ∤		E BOTT	NUTR.					hr n.							
DESIGN 01 H	39YT MEATHER	. *_	-0	REMARKS		And the second second second		MAX. DEPTH =	i vaive	SAMPI	SAL.	25								-			
STATION DESIGNATION	WIND PD Camt)		0	~_		!		2	Cleaned air bleed valve	TLE			:										
0,	WIND DIRN.	(deg)	225		ader				leaned	SAMPLE BOTTLE DATA	SALINITY						•						
	SEA STATE VISIBILITY	*	4		File Name/Header	CTD 60 Z			Č	SAM	0)												
	PRESSURE	<del> </del> ¯	4152	CATION	File Na	273			   #		/1												
	WET	(C)	05.4	DATA LOCATION		ı			SOMETI		SALINITY						·						
	DRY BULB	(°C)	0 513 207.6		<u>Q</u>				TRANSMISSOMETER		Ś												8
		NE	3 2 C		Tape/Diskette ID				L E	ES S							i						
LEG	TIME (GMT)	H	805		Tape/	-			¥	R VALU	SEC. TEMP												
PROJECT & LEG MF98-06	u	J YR	9 X V				-		CHIAM	MONITO	SEC												
PROJECT MF98-06	ATE JD=	DAY MO	<b>№</b>	114	121			P-6	ا پر	CTD CONVERTED MONITOR VALUES				-		:	-						- <u>-,</u> -
		o l	7 2 W 0 3 M	JD/TIME					FLUOR	CONVI	PRI. TEMP.							12				•	
	LONGITUDE	MIN	•			N.		Ж		<b>1</b> 5	   %							!		•			
	LONG	DEG	7719	TIMES	NO A	START DOWN	DEPTH	SURFAC	PAR	1	,												
MAN	No	<u> </u>	157 N	TIM	660 DA		701 AT	303 AT		<u>-</u>	PRESSURE								JON .				- 2
VESSEL NOAA Ship MILLER FREEMAN	LATITUDE	MIN	1 39		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE	Þ		   g												32
MILLEF	, Z	DEG M	0025609				-			TRIP DEPTH	<u> </u>	SY											
VESSEL NOAA Ship	CONSC	ā	020	СТБ	TYPE & SN	PRESS SN	TEMP SN	COND SN		1		C182	41								0	1	2
<u> </u>	<u> </u>		4		≱	g.	<u> </u>	8	<u></u>	Pos.		Ψ-	2	က	4	5	9	7	∞	6	10	11	12

PG 3 OF

	STA. NAME/ID		153		for			ε		1BER	WHIT'S NUTR.		ŀ				*						,
			千		- C			30,5		LE NUN	CHL.												
SNATION HØ2	воттом DEPTH	(m)	241	S	to 32 gpt	egg water			t .	SAMPLE BOTTLE NUMBER	NUTR.												$\dashv$
STATION DESIGNATION S+ 05 H 02	CLOUD (amt) TYPE WEATHER	*	\sqrt{0}	REMARKS	down	99	Ø <sub>n</sub>	MAX. DEPTH =	d valve	SAMP	SAL.	1											
STATIO	WIND G	(s/ш)	ر د			:			air blee	TTLE	· -												
	WIND DIRN.	(ded)	215		eader	2		/	V Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY												
	PRESSURE SEA STATE VISIBILITY	(mb)	1237	NO	File Name/Header	CTDOS			$\sum$	SAI					<u>.</u>								
	WET 6	(°C) (m	5 7 1	DATA LOCATION	File	17			METER		ΥLII	2(	2		7	.\			4	7	4		
		(°C)	0	DAT,	۵				TRANSMISSOMETER		SALINITY	32,2	32.2	32,2	32.2	32.2	32,2	32.2	32.2	32.2	32,2		Se Se
			9		skette I				TRAI						_								
EG	TIME (GMT)	HR MIN	1 - 4		Tape/Diskette ID					CTĎ CONVERTED MONITOR VALUES	SEC. TEMP							16					
PROJECT & LEG MF98-06	ŀ	YR	A Y 9 8						/Chiam	ONITOR	SEC.					;			,				
PROJEC MF98-06	!	DAY MO					,	,		ERTED M											_		$\dashv$
		à	78W03M	JD/TIME					VFLUOR	O CONVE	PRI. TEMP.												
	LONGITUDE	NIN	26.7			NW		띯		СТ	<u> </u>		,										
	POR	DEG	1 5 6 2	TIMES	DATA ON	START DOWN	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE	VPAR		JRE												
EEMAN	<del>,  </del>		Z Z		9Plus 91660 DATA ON	29972 S	1, 2: 701 ₺	), 2: 303 A			PRESSURE												
LER FR	LATITUDE	Z	•		9Plu	• •	1: 889	1: 480															
VESSEL NOAA Ship MILLER FREEMAN		DEG	6035542	СТО	TYPE & SN	S SN	SN	NS (		TRIP DEPTH		30.5	30.5	30.5	25.7	19.	8	30	29	30	30		
VESSEL NOAA S	CONSC CAST#		9		TYPE	PRESS SN	TEMP SN	COND SN		POS.		7-	2	က	4	2	9	7	8	6	10	Ξ	12

	VESSEL NOAA Ship MILLER FREEMAN		- 15	PROJEC MF98-06	PROJECT & LEG MF98-06	9:	- 12				STAT	ON DES	STATION DESIGNATION	_	
LATITUDE		LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET	SEA STATE	VISIBILITY D WIND		CLOUD (amt) WEATHER	<u> </u>		STA. NAME/ID
DEG MIN	F	DEG		DAY MO	ΥR	HR MIN	(0.)	(C.)	(qm)	, (deg)	(m/s)	*	<u>E</u>	_	
45549.3	3 3 N	3 N 1 S 6 1 4	.	8 W 0 3 M A Y	& G	1521	ο \	5.0	1 - 4	7273	3	4	6 2 3	23045155	رم م
		TIMES	JD/TIME	ME			۵	DATA LOCATION	NOL			REMARKS	RKS		
9Plu	s 91660	9Plus 91660 DATA ON			•	Tape/Diskette ID	itte ID	File	Nam	File Name/Header		Wat	Water samples for	ples	- 10
	29972	START DOWN						2	400 QL2	70	1	vi	S. Hinkleye		chlor
.: 99	39, 2: 701	1: 889, 2: 701 AT DEPTH	3.	8							١	ex b			
1: 4	80, 2: 303	1: 480, 2: 303 AT SURFACE			<u> </u>					,		MAX.	MAX. DEPTH =	20	٤
	Ę.	√ PAR	Σ	FLUOR	ChiAM		TRANSMISSOMETER	SOMETER		Clea	Cleaned air bleed valve	eed valv	ي ا		
TRIP DEPTH		]	CTD CO	CTD CONVERTED MONITOR VALUES	ONITOR	VALUES				SAMPLE DA	SAMPLE BOTTLE DATA	SA	SAMPLE BOTTLE NUMBER	TLE NUN	ABE.S.
	PRESSURE	IRF.	PRI. TEMP.	ağ.	SEC, TEMP	EMP	SA S	SALINITY	<u> </u>	SALI	SALINITY	SAL.	NUTR.	ДНЭ	WHT'S NOTR.
<u> </u>	20			*:			31,9799	66				12			>
7	41,5						31,94	4						/	>
30	30,2	i					31.9	90						<u> </u>	>
70	20.5						31.74	<i>ħ</i> .						1	>
	201	100		**			31.73	67			Vă.		Ξ	>	7
	r)			=			31,7	<del>1</del> + +		į	;			>	>
							¥								
<u>                                      </u>			27											į	
							81							ļ	2
			7	à:			ä								
			!						<u> </u>						

PG S OF

	ST37H62 STA.			,	7	Car	0	m O		JMBER	CHLOR	WHIT'S NOTR.	1	>	}	>	>	>						
_ ~		-			طی	J. Ch		50		TLE N		CHL.	7	7	7	7	4	>		O <sub>3</sub>				
STATION DESIGNATION	BOTTOM	Œ	276	KS	Chlingshype God	Napo + Hindella		EPTH =		SAMPLE BOTTLE NUMBER	:	NUTR.												
N DESIGNATION	LOUD (amt) YPE AHTABY	L *	376	REMARKS	Chile	7	-	MAX. DEPTH =	d valve	SAME		SAL.	35	:				į						
STATIO	WIND Camp		26876		b			~	air blee	TLE														
0)	WIND	┯	1		ader				Cleaned air bleed valve	SAMPLE BOTTLE	DATA	SALINITY												
	EA STATE	۸ 3	5		File Name/Header	00 5/			7	SAM		0,					Ī							
	RESSURE	<u>ا</u> (ق	_	ATION	ile Na	CTD 005			. ~						,							,		
	WET	(S)	00	DATA LOCATION	,	, O			SOMETER			SALINITY												
	DRY	(0)	025406.2	0	e ID			v	TRANSMISSOMETER			d'S				1								
		N	240		Tape/Diskette ID				Ë	] ] ]														
EG	TIME	HR MIN	1		Tape/I				2	MONITOR VALUES		SEC. TEMP												
PROJECT & LEG MF98-06		YR	Y 9 8					/	ChlAM	NITON IN		SEC.												
PROJECT MF98-06	<u></u>	. No	A M							TED M														$\dashv$
		DAY	81W05M	JD/TIME					FLUOR	NVER		IMP.				:		,						
	<u>u</u>	-	18	ar /ar			!	\	2	CTD CONVERTED		PRI. TEMP									18			!
	HONO	N	39		_	OWN	I	ACE	   			4												
	-	DEG	+-	TIMES	9Plus 91660 DATA ON	START DOWN	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE	PAR			JRE			ļ									
EMAN		F	N I	•	91660	29972	2: 701	2: 303				PRESSURE				-								
ER FRE		NE			9Plus	×,	1: 889,	1: 480,																
VESSEL NOAA Ship MILLER FREEMAN		DEG	5707	сто	NS.	SN	×	SN		TRIP	DEPTH		50	27	30	26	0	0						
VESSEL NOAA S	CONSC	5	000	S	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.				2	ဗ	4	2	9	7	80	6	10	11	12

Z.

VESSEL	EL	V V V V V V V V V V V V V V V V V V V			PROJECT Mega-06	PROJECT & LEG	9:					STATION	V DESIG	STATION DESIGNATION	NO X07	
₹ 2 2 2	Ship MILL	NOAA Ship MILLER FREEMAN	į		IMI OC			-	-					-	_	
										BAU2:	الرائل	(amt)				
CONSC CAST #		LATITUDE	LONGITUDE		DATE JD=	-	TIME (GMT)	DRY BULB	WET		VISIB DIRN OIRN	WIND SPD.	39YT FA3W	BOTTOM DEPTH		STA. NAME/ID
	DEG		DEG M	F	DAY MO	) YR	HR MIN	(°C)	) (c)		(deg)	, (s/m)		(m)		
900	7 7	3 . 1 7 N	15515	. 6 2 W	W 0 5 M A	γ 9 8	1744	h h	3.9	3	7170	& &	9	1 7 8		FOX61
	CTD	F	TIMES	JD/TIME	ME		AC	۵	DATA LOCATION	VOLL		ox.	REMARKS	S		
TYPE & SN	S SN	9Plus 91660 DATA ON	ATA ON		:	<u></u>	Tape/Diskette ID	ette ID	File	Name	File Name/Header	!	[1]	El Nino Station	Station	7
PRESS SN	S SN	29972 S	START DOWN	_	-				0	CTD 006	90		事	depth changed from 125	A from	125
TEMP SN	NS	1: 889, 2: 701 AT DEPTH	т ОЕРТН			·			1				to 255 m	> i	during	cast
COND SN	NS (	1: 480, 2: 303 AT SURFACE	T SURFACE	,								2_	MAX. DEPTH =	PTH =	174	E C
			PAR		FLUOR	CHIAM	T T	TRANSMISSOMETER	SOMETER		Cleaned air bleed valve	air blee	d valve			·
POS.	TRIP	*		CTD CON	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES				SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	ILE NUN	<b>M</b> BER
		78.000 H		PRI. TEMP	<u>a</u>	SEC. TEMP	LEMP	\$	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
-	1							32	32.1067				32	hholl		
2	150							25	34:00.25					1643		
ო	150.6					ļ		31,	31,9449					2/20		
4	25							31	31.8017					<u> </u>		
က	50	throw ander	2					.31	31.6253							!
9	2 6%	,	0					₩.	34.4253					्र हिं	>	MZ
7	- ohr	\\ \frac{2}{7}	<b>7</b>				1	31	31,511-1					1639	>	MF
80	30		,			*	4	31	31,4882						>	MZ
ဝ	20		^	- 88				31	31.49					(638	>	ME
10	10								31.49					1627	>	ME
#	0	1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1				.		Ŋ	31.49					36	×	MC
12	4								A.		. *					

LONGITUDE						-		101101		
M T	E DATE IO=	TIME (GMT)	DRY	WET WET	STATS A38	W W W D COUD (amt)	WEATHER	BOTTOM	<u> </u>	STA. NAME/ID
4	DAY	1	╀	╁┋		1	Τ.	(m)		
	0 4 W 0 5 M A Y 9	8 1 9 0 0	9 . 4	3.3	37 225	1.3	298	295	F 9 8	8 0 1
DATAON	JD/TIME		DAT	940.8 DATA LOCATION			REMARKS	s)		·
	May 5 6:53 pm	Tape/Diskette ID	ette ID	File Nar	File Name/Header		By m	By Mooring		
29972 START DOWN	0			त्य e	otd 007, hex	1	-	>	And other sum name and other below	
1: 889, 2: 701 AT DEPTH				,						
1: 480, 2: 303 AT SURFACE					   <b>[</b>		MAX. DEPTH =		282	٤
VPAR	7 FLUOR	ChIAM	TRANSMISSOMETER	METER	Cleane	Cleaned air bleed valve	d valve		b -	
	CTD CONVERTED MONITOR VALUES	OR VALUES			SAMPLE BOTTLE DATA	OTTLE	SAME	SAMPLE BOTTLE NUMBER	ILE NUM	BER
20100	ON TEMP	SEC TEMP	YINIIAS	<u> </u>	SALINITY	<u></u>	SAL.	NUTR.	F.	WHIT'S NUTR.
			32,98	86						
	55		29.18	63					Ź	
			31.54	54					7	
	-		31,50	50					/	
,			31,50	50					7	
			31,56	\$6					2	
			31,50	50				į	>	
		,	31,50	50					7	
	285		31.50	50	ļ		Ì		>	
			3,50	50					>	
			ě							

PG & OF

	. ⊋		0					ε		к.	WHAT'S NUMER.						MY	M7	MZ	MY	Z Z L	Z Z	
	STA. NAME/ID		FOX60		2			700		SAMPLE BOTTLE NUMBER			_	-		1	2	2	Σ	2	2	2	
Z.	₩ ±							d		TTLE	CHL			-			7	7	>	>	``	7	
STATION DESIGNATION STSI HO!	ВОТТОМ DEPTH	(m)	289	S		97		PTH =		LE BO	NUTR.	1654	1693	1652	1691	28	1649	1648		1647	1646	11, 45	
DESIG	39YT MEATHER	ایا	9	REMARKS	jii			MAX. DEPTH =	valve	SAMP	SAL.	0.5											
TION S.T	WIND (amt) SPD. CLOUD (amt)	. (	8 7	<u> </u>				Σ	leed		0)	0						<u> </u>					
STA			-/				1 1		d air l	OTTLE	≽												
,	WIND DIRN.	(deg)	200		ader	90			Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY				Ť								
	SEA STATE YTIJIBISIV	*	37		ne/He	000				SAM			1				3	i					
	PRESSURE	(mp)		NOIT	File Name/Header	CTD008														F ".			
	WET	(°C)	4.091	DATA LOCATION	正			ļ	ETER		<u>È</u>	æ											
	> 10		+10-475	DATA					SSON		SALINITY						-						
	DRY BULB	(C)	S		٥				TRANSMISSOMETER			,									585		
		Z	4		skette				F													$\dashv$	
(0)	TIME (GMT)	HR MIN	45161		Tape/Diskette ID					CTD CONVERTED MONITOR VALUES	ΑM												
PROJECT & LEG MF98-06	<del></del>	YR F	8		<u> </u>		-		ChIAM	OR V	SEC. TEMP												
PROJECT MF98-06	u	MO	A Y 9				: !	-	Š	NO NO	S								<u> </u>			10.	
PR( MF9	TE JD=								<u>س</u>	RTED												16	
	DATE	DA	1 W 0 5 M	JD/TIME					FLUOR	ONVE	EMP.				,								
	9		9 1	JD,				`			PRI. TEMP			Bi					Está	9)			
	LONGITUDE	MIN	09.9			N.N.		SE															
	PON	၅			A ON	START DOWN	EPTH	URFA	PAR							<u> </u>				5.9			
		DEG	155	TIMES	JDAT,	1	1 AT D	3 AT S			PRESSURE				ĎÁ	,		9					
VESSEL NOAA Ship MILLER FREEMAN	ш	$\vdash$	577411.103N		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRES												
R FR	LATITUDE	NIM	•		9Plus	8	1: 889	1: 480															
MILLE	ِ اک	DEG	7 4		_					TRIP DEPTH		0	٥	n	0	10	٨	_		_			
SEL A Ship	» SC ⊥	置	∞	СТБ	TYPE & SN	PRESS SN	TEMP SN	COND SN				2 50	2002	150	100	75	50	04	200	2.0	01	Q	
VESSEL NOAA S	CONSC CAST#		00		Ţ	PRE	TEM	Ŏ O		Pos.	170	-	7	ო	4	5	မ	_	∞	6	9	=	5

PG JOF

VESSEL NOAA SI	EL Ship MILL	VESSEL NOAA Ship MILLER FREEMAN			PRO MF9	PROJECT & LEG MF98-06	9:					STATION DESIGNATION	DESIG 5	SNATION 2 H 01	H	
CONSC CAST #	<u> </u>	LATITUDE	LONGITUDE	TUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY VIND DIRN.	WIND (smt)	39YT A3HTA3W	BOTTOM DEPTH		STA. NAME/ID
	DEG	NIM	DEG	MIN	DAY MO	YR	HR MIN	(,c)	(°C)		(gab)	, (s/w)	.	(m)		
0 8	089573	36.91 N	15504	•	56W05MA	A Y 9 8	2130	6.3	5.191	3	7200	1 4	_ & &	249		F8802
	СТО		TIMES	T/Qf	JD/TIME	,		DA	DATA LOCATION	NOI		œ	REMARKS	S		
TYPE & SN	& SN	9Plus 91660 DATA ON	DATA ON		:	<u>,</u>	Tape/Diskette ID	tte ID	File	Name/	File Name/Header		MOON	MOONING COMPONISON	rundar.	200
PRESS SN	SSN	29972	START DOWN	z					5	CTD 009	79			)	Activity in comment was seen and depth of	and the second s
TEMP SN	SN	1: 889, 2: 701 AT DEPTH	АТ ОЕРТН			l	. 2								‡ 1 1	e a service de la companya de la com
COND SN	SN	1: 480, 2: 303 AT SURFACE	AT SURFACE	ш			· [			ľ		∑	MAX. DEPTH =		943 m	Ε
			√ PAR		//Luor	ChiAM		TRANSMISSOMETER	OMETER		Cleaned air bleed valve	air bleed	i valve			
POS.	TRIP DEPTH			CTD	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			405 	SAMPLE BOTTLE DATA	TLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUN	1BER
		PRESSURE	URE	PRI. TEMP.	MP.	SEC. TEMP	EMP	SAL	SALINITY	<u> </u>	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
-	Bot	,										04.000	30			
2	25										:				>	
ო	άh														7	
4	30			,			<b>-</b> 8								>	
က	10			:											>	ļ
မှ	15														>	
	15							>							7	
8	15														>	
o	10			22											>	
10	0		·					,							7	
7													$\uparrow$			
12								n)		_		=	-			

PG 0 OF

VESSEL NOAA Shi	ip MILLEI	VESSEL NOAA Ship MILLER FREEMAN			ā. ∑	PROJECT & MF98-06	& LEG					STATIC	NO DESI	STATION DESIGNATION			
CONSC CAST #	<u> </u>	LATITUDE	LONG	LONGITUDE	DATE .	-d	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY DIRIN.	WIND SPD.	CLOUD (amt) YPE REATHER	ВОТТОМ		STA. NAME/ID	
C	DEG N	MIN	DEG	MIN	DAY	MO YR	HR MIN	(C)	(၁,)	(dm)	, (deg)	(spage)		(m)			
0.10	43/	36.26N	15501	·	OZWOŚMAY	6	3/568	4.1	7	9   3	281E	9 -	189	824	T	0X58	
СТБ	0		TIMES	JD/TIME	IME				DATA LOCATION	NOIL		·	REMARKS	KS			
TYPE & SN	Z	9Plus 91660 DATA ON	DATA ON	. ,		1	Tape/Diskette ID	kette ID	Ē	File Name/Header	/Header	^					
PRESS SN	z	29972	START DOWN	N N													
TEMP SN		1: 889, 2: 701 AT DEPTH	АТ БЕРТН														
COND SN		1: 480, 2: 303 AT SURFACE	AT SURFAC	ا									MAX. DEPTH =	EPTH =	233	E	
		,	√PAR	7	FLUOR	VCHIAM	AM	TRANSMISSOMETER	SOMETER		√Ćleane	Gleaned air bleed valve	ed valve				
POS. T	TRIP DEPTH		]	CTD CO	NVERTE	D MONITC	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	)TTLE	SAM	SAMPLE BOTTLE NUMBER	TLE NUA	1BER	
		PRESSURE	JRE	PRI. TEMP	MP.	SEC	SEC. TEMP	\$	SALINITY		SALINITY	}	SAL.	NUTR.	CHL.	WHIT'S NUTR.	
-	1-2	233	-										26	164			
2 2	2001	z.				-								1663			
3	50 1													1991			
4	100													1001			
5	750								4					85-	-		
9	50,	¥				,	:	,						200	_	-	EN F
2	404	-		j.			7							1658	>		ž,
8	301														`		Y S
6	201			8										1657	`		P E
10	104													1656	>		41
11	/0											Ì		(62)	^		رام کا
12					.								]				

PG (I OF

VESSEL NOAA Ship M	VESSEL NOAA Ship MILLER FREEMAN			PROJEC MF98-06	PROJECT & LEG MF98-06	၂					STATION	N DESIG	STATION DESIGNATION	<u>.</u>	4
CONSC CAST#	LATITUDE	LONGITUDE		DATE JD=	· . •	TIME (GMT)	DRY	WET	SEA STATE	VISIBILITY OIRN.	WIND PD (amt)	WEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	_	DEG MIN		DAY MO	YR	HR MIN	(0,)		) [	(deg)			(m)	$\vdash$	
311157	01115730.7110	154 47	19 W CCM	⋖	γ 9 8	0000	8	5.0	914	1611	163	 &	216	10 H	=0x56
CTD	•	TIMES	JD/TIME	Æ			۵	DATA LOCATION	NOL		ď	REMARKS	(S		ı
TYPE & SN	9Plus 91660 DATA ON	DATA ON				Tape/Diskette ID	tte.ID	File	File Name/Header	Header					ran y sa sarus vasser yez-b sarub bija
PRESS SN	29972	START DOWN	p.		J			O	CTD011	4					a see and the artists state of the physics.
TEMP SN	1: 889, 2: 701 AT DEPTH	АТ DEРТН			<u>.</u>			] 							
COND SN	1: 480, 2: 303 AT SURFACE	AT SURFACE			\						. 2	MAX. DEPTH =	PTH =	305	۱٤
		VPAR	√FLUOR	JOR	CHIAM		TRANSMISSOMETER	OMETER		Cleaned air bleed valve	air blee	d valve			
POS. TRIP DEPTH			CTD CON	CTD CONVERTED MONITOR VALUES	ONITOR	VALUES		,		SAMPLE BOTTLE DATA	TLE	SAMP	SAMPLE BOTTLE NUMBER	E NUMI	BER
	PRESSURE	JRE	PRI. TEMP.	ď.	SEC. TEMP	EMP	SAL	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 Bottony	305	i.										33	1869		
2 300	>								·				1868		
3 . (50													(86)		
4 (00	*so					,					,		9981		
5 754	<b>\</b>								,				5981		
6 So v	<i>/</i>		:	•									1864		
2 40	7					9			·				1863 ~	_	
8 30	/		***					, .		;			\		
9 30	1		**			_		55	*				1862		
10 10	^							;					1981	\	
11	<i>&gt;</i>												1860	,	
12				-			:		<u></u>						
							55								

E

4 4 A

PG 12 OF

		۵		<u>w</u>					_		œ	WHIT'S NUTR.						,					$\Box$	
		STA. NAME/ID		12 49803					m d	,	SAMPLE BOTTLE NUMBER							_	_			_	_	_
		10)		ロス					206		Z E E	吊		7	^	<b>^</b> `	_	>	>	>	1	>	İ	
VTION 0.1		ВОТТОМ DEPTH	(ω	7					# #		E0T	NUTR.												
SIGNA	HEK	MEATI P D	-		RKS				DEPT	9	MPLE		,				•				Н	$\dashv$	$\dashv$	_
N DE	(ims) C	YPE	*	8	REMARKS				MAX. DEPTH =	je vaj	SA	SAL.	-											
STATION DESIGNATION ST 55 H 01	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	WIND SPD.	(s/w)	0					_	Cleaned air bleed valve	LE LE													
S				<u>\</u>	•		1			ned a	LE BOTT DATA	SALINITY												
		WIND DIRN.	(ded)	195		File Name/Header	2		\	Clea	SAMPLE BOTTLE DATA	SALI												
	37 AT	SEA S'		47	_	me/H	0				SS SS												$\underline{\hspace{1cm}}$	
	⊒ชกร	PRESS	(gm)	90	ATION	ie Na	CTD 012																	
		WET BULB	(၁)	2	DATA LOCATION	证	0	l		TRANSMISSOMETER	*													
		≥ छ	٣		DATA					SSOM	1	SALINITY												
	,	DRY BULB	(၃)	2.	_	۵	•			NSMIS	100	S	<b>X</b>											
				7		ette l				<u>∓</u>														
		TIME (GMT)	Z E	16		Tape/Diskette ID	j				UES I													
EG		E 9 —	뚲	ò		Тар				Į <sub>∑</sub>	VAL	SEC. TEMP												
ST & 1			ΥR	8 6					,	ChIAM	OL N	SEC.												
PROJECT & LEG MF98-06	18	-Q	ω	<b>∀</b>							NO NO		<u> </u>		ļ									
₫ ≥		141	DAY	22W 06M	111					   뜻	CTD CONVERTED MONITOR VALUES													;
			a	N N	JD/TIME			` .		FLUOR	NO NO NO NO NO NO NO NO NO NO NO NO NO N	PRI. TEMP.												
·		핒	-	22	片				l		<u>CT</u>	<u>R</u>									ħ			
		LONGITUDE	MIN	00			NN NN		Ä								ļ							
		P	(J	1549	S	NO 4	START DOWN	EPTH	JRFA	PAR	_													
			DEG	15	TIMES	DAT/	STAF	AT D	AT S		<u> </u>	ÜRE				. 24								
MAN				Z		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRESSURE				-92								
FREE		LATITUDE	z	0	•	Plus (	29	889,	480,															
LLER		LATI		3 0		6		<del></del>	- <del></del>		T	1		>	-	>	5	7	~		7	7		
hip MI			DEG	452	CTD	SN	SN	z	z	.,	TRIP DEPTH		BOT	53	40	30	2	2	7.7	70	0	0		
VESSEL NOAA Ship MILLER FREEMAN		CONSC		12		TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.	<u>.</u>	<u>←</u>		<u>ه</u>	4	25	9			6	9	11	12
<u> </u>	L	<u> </u>		9	L		<u>R</u>	TE	8		<u>7</u>			L.,	<u> </u>	1 4		L		<u> </u>				

PG [3 OF

CATITUDE   LONGIT   DEG   N   S 6   S	5 \(\bar{\}\)	DATE DAY O 6 WO 16	TIME  (GMT)  MO YR HR MI  M A Y 9 8 1 4 2  Tape/Di  TTAPE/DI  TTAP	TIME DRY (GMT) BULL HR MIN (°C 1   4   2   6   5   Tape/Diskette ID RVALUES		WET WET CC) (mb) . SEASURE DATA LOCATION . FILE Name.	SATION OF THE STATE OF THE STAT	WIND WIND DIRN. SPD. CLOPE ATHER GRAND OF CLOPE ATHER SAMPLE BOTTLE SAME	REMARKS  AMEL  AME	REMARKS  PACT LOG HONS  SAMPLE BOTTLE NUMBER  SAMPLE BOTTLE NUMBER	STA. NAME/ID A A A A A A A A A A A A A A A A A A A
PRESSURE	RE	PRI. TEMP.	SEC.	SEC. TEMP	33	SALINITY	SAL	SALINITY	SAL.		NCTR.
· %				. *							-
C											
	9.										
							-		5		
		©.									
										1	1 1
									-		

PG\_\_\_\_OF\_\_\_

VESSEL NOAA Ship MILLER FREEMAN	LER FREEMAN			MF98-06	PROJECT & LEG MF98-06	- س			26		SIAHO	IN DESIG	STATION DESIGNATION ST_60 1401		
CONSC CAST#	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET	BRESSURE SEA STATE	VISIBILITY DIRN.		CLOUD (amt) TYPE MEATHER	ВОТТОМ DEPTH		STA. NAME/ID
DEG	MIN	DEG N	NIM	DAY MO	YR	HR MIN	(၁.)	(၁.)	(mb)	(ded)	(644)	* * *	(m)		
4555	55.89N	15614	. 9 9 W	9 WO 6 MA	γ 9 8	1510	%	4 . 6	9 4 4	7 285	0	18 ±	22	222 MOE	
сто	<u> </u>	TIMES	JD/TIME	ME			ď	993.8 DATA LOCATION	NOL NOL			REMARKS			<u> </u>
TYPE & SN	9Plus 91660 DATA ON	DATA ON	Mar	May 6 1501		Tape/Diskette ID	tte ID	Ä	» Name	File Name/Header		Turned	- 1	CTD off during	Uring
PRESS SN	29972	START DOWN	)		1			]		į		upeast.	t. Why	Why? I don't	the salt
TEMP SN	1: 889, 2: 701 AT DEPTH	VT DEPTH										pnom	W		and the second second
COND SN	1: 480, 2: 303 AT SURFACE	T SURFACE		.	·	[						MAX. DEPTH =	ļ	211	٤
		PAR		FLUOR	ChIAM		TRANSMISSOMETER	SOMETER		Cleane	Cleaned air bleed valve	ed valve			
POS. TRIP DEPTH			CTD CON	CTD CONVERTED M	MONITOR VALUES	/ALUES				SAMPLE BOTTLE DATA	OTTLE	SAME	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	IRE	PRI. TEMP.	<u>a</u>	SEC. TEMP	EMP	SA	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 211		,					33	33,42				4	-		
2	85				٠										
3									1						
4	3	2.00													
5													,		
9							`								g
7	1					525				,					
∞	,														
6			÷												
10	.44														
11				t											
12		-	7											_	

VESSEL NOAA Ship MILL	VESSEL NOAA Ship MILLER FREEMAN			PROJEC MF98-06	PROJECT & LEG MF98-06	9					STATIO	N DESIG	STATION DESIGNATION		
CONSC	ATITLIDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY	WET	PRESSURE STATE ABS	VISIBILITY  VISIBILITY  DIRN.	WIND (amt) SPD.	TYPE ABHTABW	ВОТТОМ DEPTH		STA. NAME/ID
DEG	F	DEG N	$\vdash$	DAY MO	YR	HR MIN	(0,)	(၁့)		, (deg)	(s/ш)		(m)		
15555	3.9 ° ×	0	N S W	SWOBMAY	Y 9 8	0   9	5	4.5	942	7 2 3 0	0 1	6 8	80	1 71	TACK
CΤΟ	<u> </u>	TIMES	JD/TIME	ME	à	, per	Ò	DATA LOCATION	TION		<del></del>	REMARKS	KS		
TYPE & SN	9Plus 91660 DATA ON	ATA ON	No.	Mey 6 1602		Tape/Diskette ID	tte ID	Ē	e Name	File Name/Header	_				4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
PRESS SN	29972 S	START DOWN	·	(603				1			ı				
TEMP SN	1: 889, 2: 701 AT DEPTH	T DEPTH	:		<u>l</u>				:				The same of the same of		
COND SN	1: 480, 2: 303 AT SURFACE	T SURFACE										MAX. DEPTH =	EPTH =	1#8	٤
		MPAR		FLUOR	ChlAM		TRANSMISSOMETER	SOMETER		Cleane	Cleaned air bleed valve	ed valve			
POS. TRIP DEPTH		<del>-</del> 71	CTDCO	밀	MONITOR VALUES	7				SAMPLE BOTTLE DATA	оттсе 1	SAM	SAMPLE BOTTLE NUMBER	TLE NUM	1BER
	381884 38188	ц	PRI TEMP		SEC. TEMP	EMP	δS	SALINITY		SALINITY	<u>}</u>	SAL.	NUTR.	CH.	WHIT'S NUTR.
1							33	33.06				29			
2									-						
8															
4	1			1:											
ro.		- 1													
9				16								,			9
7		·····				2									
8				:											
6			*												
10															
17															
12															

	VESSEL NOAA Ship MILLER FREEMAN			AM MF	PROJECT & LEG MF98-06	EG					STATIC	ST63	STATION DESIGNATION ST 63 H03		
LATITUDE		FONGI	LONGITUDE	DATE JI	-OC	TIME (GMT)	DRY BULB	WET	SEA STATE	VISIBILITY VISIBILITY VISIBILITY	WIND SPD.	CLOUD (amt) TYPE WEATHER	ВОТТОМ DEPTH		STA. NAME/ID
NIM	-	DEG	NIM		MO YR	HR MIN	(C)	(°C)	(mb)	(ded)	(s/ш)	4			
49.27N		15613	3 . 6 0 M	OWOGM	A Y 9 8	1923	5.7	4.096	963	7290	9	1.89	230	H F	55
	-	TIMES	JD/TIME	IME			<u>`</u>	9%3 DATA LOCATION	9.86.3 TION			REMARKS	KS		
9Plus 91660 DATA ON		ATA ON			1	Tape/Diskette ID	ette ID	iĒ	e Name	File Name/Header					
29972	(I)	START DOWN	Z.		. 1				ctd016	9					
1: 889, 2: 701 AT DEPTH	<del>-</del>	т рертн			<i>:</i>					,					
1: 480, 2: 30	<u>8</u>	1: 480, 2: 303 AT SURFACE	ш		]				'			MAX. DEPTH =	EPTH = 2	-20	E
		JPAR		FLUOR	7 ChIAM	,·	TRANSMISSOMETER	SOMETER		Cleaned	d air ble	Cleaned air bleed valve			
	1		CTD	NVERTE	CTD CONVERTED MONITOR VALUES	\ VALUES			-00	SAMPLE BOTTLE DATA	TTLE	SAM	SAMPLE BOTTLE NUMBER	LE NUM	BER
		ı	i i		= 0	C A	6	) 		XEDAL 14.0	, .	7	2	Ē	WHIT'S
PKESSURE	0 0	뷛	אל.		900	SCC. LEWIS	33	33.44		OPENIA DE	-	10	18.78	1	
20.							.33	33.42					1878		
							32	32,81					1877		
	80						32	32,52					1876	,	
							32	32,20				·	878		
							31	32.11					1874	7	
<u> </u>							32	32,07		,			1873	>	1
							33	32.05		,			(	>	
			(4)				31	31,89					6781	>	
							7	31.76					1871	<b>&gt;</b>	
								31,76					1870	<b>&gt;</b>	
									<u></u>						
		0.00												Ċ	

PG 17 OF

	STA. NAME/ID		153					233 m		MBER	WHIT'S NUTR.						ř						
M			HF1	•				23,		LE NU	CHL.							. 1	١			>	
STATION DESIGNATION	ВОТТОМ DEPTH	(m)	1/6	S)				:PTH=		SAMPLE BOTTLE NUMBER	NUTR.	1889	1888	1887	1886	1885	4881	1883	 	1882	1881	1880	
N DESIGN	CLOUD (amt) TYPE TYPE	*	800	REMARKS				MAX. DEPTH =	ed valve	SAME	SAL.	&o ~											
STATIC	WIND SPD.	(s/w)	12		•				l air ble	TTLE	<b>→</b>												
	WIND DIRN.	(deg)	286		eader	-		``	Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY												
}	SEA STATE YTIJIBIZIY		847	z	File Name/Header	CTD617				SA SA													$\dashv$
	PRESSURE	(qm)	098	CATIO	File N	CTO	v		<u>۱</u>								i						
	WET	(၁.)	· under ambre deamb	DATA LOCATION		1			SOMETE		SALINITY												
	DRY BULB	(၁.)	14.18	۵	itte ID				TRANSMISSOMETER		S												1
၂	TIME (GMT)	HR MIN	211515		Tape/Diskette ID					CTD CONVERTED MONITOR VALUES	EMP							3					
T & LE		YR	8 6	,	<u> </u>		!!!		ChIAM	IITOR \	SEC. TEMP											1	
PROJECT & LEG MF98-06	=QC	MO	ΑV		ļ					NOW OF									,				
-	DATE	DAY	9	ME					FLUOR	VVERTI	N N N N N N N N N N N N N N N N N N N												
	ñ		149W06M	JD/TIME					Z		PRI. TEMP	:							<u> </u> 	S2			5
	LONGITUDE	MIN	26			NWO	т	ACE	_		<u> </u>							ÿ					
	<u> </u>	DEG	156	TIMES	9Plus 91660 DATA ON	START DOWN	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE	PAR		뮕												
MAN	<del></del>		z	F	11660 D	29972 S	701 A	: 303 A	<u></u>		PRESSURE												
R FREE	LATITUDE	MIN	2		9Plus 9	296	1: 889, 2	1: 480, 2			مَّ												
VESSEL NOAA Ship MILLER FREEMAN		DEG	75542.	СТО	NS &	SSN	NS.	SN		TRIP DEPTH		BaTJ	2001	1501	100	154	50 1	407	30 /	> 2	\^ Q	0 1	
VESSEL NOAA S	CONSC CAST#		0.		TYPE & SN	PRESS SN	TEMP SN	COND SN		Pos.		<b>—</b>	2	κı	4	2	ဖ	7	80	6	2	1	12

PG 18 OF

		_																					
	STA. NAME/ID		1 53					٤		/BER	WHIT'S NUTR.						67	Ĭ.	:				
_ ^_			4 NH					42		ILE NUN	CHL.						7	t	>	>	>	>	
NATION F(O)	BOTTOM DEPTH	(m)	254	S.				PTH =		SAMPLE BOTTLE NUMBER	NUTR.	Salar.	808	1897	1896	895	South	1893		1681	1891	008	
STATION DESIGNATION	CLOUD (amt) TYPE WEATHER	*	189	REMARKS			,	MAX. DEPTH = 3₩	d valve	SAMP	SAL.	14						-					-
STATIO	WIND GIR	, (s/w)	7.3						air blee	TTLE													
	WIND DIRN.	(deg)	250		ader	83		ž.	Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY												
	VISIBILITY	*	4		3/He	018			$\sum$	]§ S	"											:	
	PRESSURE SEA STATE	(mb)	29	NO	File Name/Header	CTD					<u>                                     </u>									•			
			299	OCAT	Fi	2			띮														
	WET	(၁。)	Ъ	DATA LOCATION		1			SOME	,	SALINITY			,									
	DRY BULB	(၁.)	7		<b>□</b>				TRANSMISSOMETER		S)											z*	
ç			0		skette				TRA	]													
<u>၂</u>	TIME (GMT)	HR MIN	100		Tape/Diskette ID					MONITOR VALUES	J. MP					,							
PROJECT & LEG MF98-06		YR 📙	9 8		<u> </u>				ChIAM	ITOR V	SEC. TEMP								ነ-				
PROJEC MF98-06		MO	Α	*	1	1	١		Ž	NOW C								7					
P.F.	DATE JD=	DAY	OW 07M	ш					<u>۾</u>	CTD CONVERTED				,					-				-
	Ω		M C	JD/TIME		**		. 1	FLUOR		PRI. TEMP.												, .
	ODE	MIN	. 4	7	ı		ı			CTD	P								·				
	LONGITUDE	2	$\omega$		_	OWN	I	ACE	_														-
	07	DEG	-56	TIMES	TAON	START DOWN	DEPT	SURF	PAR	 						,-							
Z			3 N	<u> </u>	60 DA		01 AT	03 AT		-	PRESSURE							.%			,		*
ZEEM/	DE		0		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRE		23						a.				
ER FF	LATITUDE	MIN	> >		9PI		1:88	1: 48															
VESSEL NOAA Ship MILLER FREEMAN		DEG	1553	CTO	SN	SN	Z	Z,		TRIP DEPTH		12067	lero V	150/	100/	751	100	107	30 /	7 97	10 1	10	`
VESSEL NOAA S	CONSC CAST#		01855	ပ	TYPE & SN	PRESS SN	TEMP SN	COND SN		Pos.		1	2	3	4	5	9	7	8	6	10	11	12
									_	1							_	L	L	L	L		

			· ·				17	-	110000000000000000000000000000000000000		·					pu T		ALC: N	A 12 11 20 10	-			_
	STA. NAME/ID							m t		MBER	WHIT'S NUTR.					\$.C	ē						
7 50			544					707 m		SAMPLE BOTTLE NUMBER	CHL.					\	١	/		`	>		16
SNATION HOS	BOTTOM DEPTH	(w)	7	(S				:PTH =		LE BOT	NUTR.	1908	1907	1906	(905	1,904.	1703	}	(902	1901	1900	4	
STATION DESIGNATION 5 T 6 6 H 0 3	MEATHER TYPE TYPE	4	181	REMARKS				MAX. DEPTH =	Cleaned air bleed valve	SAME	SAL.	0)											
STATIC 5	WIND SPD.	(Nodes)	1	•	·			ı	d air ble	OTTLE					# E								
	WIND DIRN.	(deb)	286	7	eader	_		`	Cleane	SAMPLE BOTTLE DATA	SALINITY					55							
	SEA STATE VISIBILITY	* *	7		me/H	TD019		l		S S													
	PRESSURE	(qw)	0 /	ATION	File Name/Header	CTD			۳ ا														
	WET BULB	(၁့)	5 0	DATA LOCATION			 	 	SOMETEI		SALINITY	196					- 63						
	DRY BULB	(c)	7.0	۵	tte ID				TRANSMISSOMETER		os SA					S)					\$) 		!
.0	TIME (GMT)	HR MIN	734		Tape/Diskette ID					ALUES	MP							534					1 to 1
PROJECT & LEG MF98-06		YR	0 8 6		F				ChIAM	MONITOR VALUES	SEC. TEMP									- 22			=
PROJEC MF98-06	=Of	MO	Α																				
Ρί	DATE .	DAY	0 7 M	ME		000			FLUOR	VERTE	IP.		0.4						:			Ē	
			. 8 2 w 5 7 M	JD/TIME					7	CTD CONVERTED	PRI. TEMP	400								8.		61	
	LONGITUDE	Z	00			N N N		S									:					137	
	LON	DEG	1560	TIMES	TA ON	START DOWN	DEPTH	SURFA	PAR	  }	ш					œ							
AN			z	Ē	)60 DA		701 AT	103 AT			PRESSURE				***								
FREEM.	UDE	7	. 46 N	٠	9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRE		85										
VESSEL NOAA Ship MILLER FREEMAN	LATITUDE	G MIN	542				÷	÷		₽ Ħ		/0	1500		154	501	/oh	> <		(D 4,	70		
SEL A Ship	SC T #	DEG	\$ 55	СТО	TYPE & SN	PRESS SN	TEMP SN	COND SN		DEPTH		200	151	as)	4	5	7h	30	32	2	J		
VESSEL NOAA SI	CONSC CAST#		-0		TYP	PRE	TEM	8		POS.		Ψ.	2	3	4	5	9	7	∞	6	2	11	12

TUBULAR PEYOTE ON A CARDBOARU

PG 20 OF \_\_

	STA. NAME/ID		A					Ε		BER	WHIT'S NUTR.												•
		L	기 - 일 돈					246		SAMPLE BOTTLE NUMBER	WHIT'S CHAME NUTR.	-					/	2		>	>	>	
ATION 2	BOTTOM DEPTH	(m)	212							ВОТП	NUTR.	1918	दाञ	a);(}	20	书	- =	1913	-21	/	=	1910	-
STATION DESIGNATION	ЯЗНТАЗМ	*	3.1	REMARKS				MAX. DEPTH =	alve	AMPLE		3 19	51	19	(6)	6.	e in	6	5	)	100	5	
7 t ⊥	CLOUD (amt)	,	M	REN				MAX	leed v		SAL.	0											
STA S	WIND SPD.		5 1 2			1	<b>.</b>	l	Cleaned air bleed valve	OTTLE A	<u>}</u>							,					
	WIND DIRN.	(deg)	240		eader	Q	. ;		Clean	SAMPLE BOTTLE DATA	SALINITY									4			
	SEA STATE	*	27	Z	File Name/Header	D 02				NAS												···	:
-	PRESSURE	_	- \	CATIC	File N	CTI			   K	,													
	WET	(၃)	2	DATA LOCATION		1		l	TRANSMISSOMETER		SALINITY									:			
	DRY BULB	(၁.)	2 5	۵	Ω				NSMISS		AS AS												
			7		skette				<u>₹</u>														
<sub>O</sub>	TIME (GMT)	HR MIN	2134		Tape/Diskette ID					MONITOR VALUES	EMP			:	,			2.4%					
PROJECT & LEG MF98-06	<u>, , , , , , , , , , , , , , , , , , , </u>	YR	9 8		<u>.                                    </u>				Chiam	ITOR V	SEC. TEMP												
PROJEC MF98-06	, <b>Q</b>	MO	Α						Ž	WON	0,										•		
₽ <u>₹</u>	DATE J	DAY	93 W 67 M	Ē					FLUOR	CTD CONVERTED	a.												
		Ē		JD/TIME						NO CO CO	PRI. TEMP.									18X			
	LONGITUDE	MIN	•			<del>Z</del>		ш		Ę	   %												
	LONG		709	(C)	NO	START DOWN	БТН	JRFACI	√PAR														
		DEG	156	TIMES	DATA	STAR	AT DE	AT SL	Σ	]	URE												
VESSEL NOAA Ship MILLER FREEMAN	 ພ		Z 		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRESSURE		70						E				
ER FRI	LATITUDE	MIN			9Plu:	CA.	1: 889	1: 480															
ip MILL	۲	DEG	620 5644.	۵	N/O	ž	7	7		TRIP DEPTH		Boti	2007	192	SO.	751	600	49.	707	301	201	10/	
VESSEL NOAA Sh	CONSC CAST #		20	СТБ	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		1-	2 2	3 .	4	5	9		8	6	10	11	-
Σž	<u> </u>		0		F	ā	<u> </u>	ŏ		<u> </u> <u> </u>				<u> </u>	Ser je			<u> </u>					_

PG 21 OF

VESSEL NOAA Ship MILLER FREEMAN	NAN		PROJEC MF98-06	PROJECT & LEG MF98-06	္ဌ			-		STATIO	T 7 514 01	ST 751101		<u> </u>
LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY	WET	SEA STATE	VISIBILITY  D WIND	WIND SPD.	CLOUD (amt)	BOTTOM DEPTH		STA. NAME/ID
MIN	DEG		DAY MO	YR	HR MIN	(C)	.(C) <b>.</b> )	(mb)	(ded)	1800	*	(m)		~
56 42 .5	3N15558	.80 W 07 M	OFMAY	8 6	alaste	5.0	-	134	3768	0.9	431	0	15 15	42
	TIMES	JD/TIME	<b>₩</b>	ē		۵	DATA LOCATION	NOIL		<u></u>	REMARKS	S)		
9Plus 91	9Plus 91660 DATA ON				Tape/Diskette ID	ette ID	Ē	e Name	File Name/Header					
29972	72 START DOWN	-	!				ا ( <i>ن</i>	CTD02	2		1			
1: 889, 2:	1: 889, 2: 701 AT DEPTH									:				
1: 480, 2:	1: 480, 2: 303 AT SURFACE									~	MAX. DEPTH =	PTH =	296	E
	VPAR	1	FLUOR	Chiam		TRANSMISSOMETER	SOMETER	,	Cleaned	Cleaned air bleed valve	d valve			
TRIP DEPTH		CTD CON	CTD CONVERTED MONITOR VALUES	ONITOR	VALUES				SAMPLE BOTTLE DATA	TTLE	SAME	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	PRI. TEMP.	<u>ā</u>	SEC. TEMP	ГЕМР	SA	SALINITY		SALINITY	>	SAL.	NUTR.	CH.	WHIT'S NUTR.
1960						·					24			
	di.													
			,											
					Ş									
					,		,		;					
		\$2 .												
														ئا ساد
														2
	•							-						•

VESSEL NOAA Ship M	VESSEL NOAA Ship MILLER FREEMAN			PROJEC MF98-06	PROJECT & LEG MF98-06	၅					STATION DESIGNATION	N DESIGNATI	NATION 101		
CONSC CAST #	LATITUDE	LONGITUDE	TUDE	DATE JD=		TIME (GMT)	DRY	WET	PRESSURE SEA STATE	VISIBILITY OIRN OIRN	1 11-57 0110 15	39YT MEATHER	ВОТТОМ DEPTH		STA. NAME/ID
DEG	NIM	DEG	NIM	DAY MO	YR	HR MIN	(0,0)	(C) (u		(ded)	· Saug		(m)		
022 5 6	5640.20 N	155 43	•	3 4 W 0 8 M A	A Y 9 8	0023	7 1	3.9	134	7305		781	(b)	H	A3
CTD		TIMES	JD/TIME	ME			DA	DATA LOCATION	NO		<u>~</u>	REMARKS	ွ		
TYPE & SN	9Plus 91660 DATA ON	DATA ON			<u></u>	Tape/Diskette ID	tte ID	File	File Name/Header	Header		5	~ 20 mins	N.	
PRESS SN	29972	START DOWN	z						CTD 022	2					
TEMP SN	1: 889, 2: 701 AT DEPTH	АТ ОЕРТН													
COND SN	1: 480, 2: 303	1: 480, 2: 303 AT SURFACE									Σ̈́	MAX. DEPTH =		273	Ε
		VPAR	<u> </u>	FLUOR	Chiam		TRANSMISSOMETER	OMETER		Cleaned air bleed valve	air bleed	valve			
POS. TRIP DEPTH	, H.		CTD CO	CTD CONVERTED N	MONITOR VALUES	VALUES			- CO	SAMPLE BOTTLE DATA	TLE	SAMP	SAMPLE BOTTLE NUMBER	ILE NUN	18ER
	PRESSURE	URE	PRI, TEMP	JP.	SEC. TEMP	EMP	SAL	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR
1 273	۲											19			
2															
.03															
4			:					:			ß				
ນ	,								-						
9															
7															
80													·	:	
o															
10						-									
1-										v					
12															

PG 33 OF

	STA. NAME/ID		A-4					٤ .		ABER		WHIT'S NUTR.												
_			i					九大		SAMPLE BOTTLE NUMBER		CHL.												
SNATION HO 12	ВОТТОМ DEPTH	(m)	25	(S				PTH =		LE BOT		NUTR.												_
STATION DESIGNATION	TYPE ATHER A		78	REMARKS				MAX. DEPTH =	ed valve	SAMP		SAL.	40	_										
STATIO	WIND (amt)	(s/ш)	=						Cleaned air bleed valve	TTLE		<b>,</b>												<u> </u>
	WIND DIRN.	(bep)	3/6		эадег	. 0			Cleaned	SAMPLE BOTTLE DATA		SALINITY												
	SEA STATE VISIBILITY		247	N	File Name/Header	CTD 0 23			7	SAN								<u> </u>	<u> </u>					
	F B B B B B B B B B B B B B B B B B B B	(mp)	4.6124	DATA LOCATION	File	5			TER			>								<u> </u>				
	WET BULB	(0,0)		DATA				}	ISSOME		!	SALINITY												
	DRY BULB	(C)	2		tte ID				TRANSMISSOMETER															
	TIME (GMT)	HR MIN	0133		Tape/Diskette ID		:	[		LUES		<u>a</u>								,				
r & LEG	- '	X 듀	9 8		Тар Т				ChIAM	TOR VAI		SEC. TEMP			i						,			
PROJECT & LEG MF98-06		9	≻ ≺		1				<u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	CTD CONVERTED MONITOR VALUE		S												
u. 2	i	DAY	× 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	JD/TIME					FLUOR	NVERTE		MP.											:	
	OE	_   .	0	Nac						CTD CO		PRI. TEMP									,			
	LONGITUDE	WIN	8		z	DOWN	Ŧ	FACE	ĄΚ		-													
	ت		155	TIMES	DATAC	START DOWN	AT DEP	AT SUR	PAR		ļ	URE		;	3									
VESSEL NOAA Ship MILLER FREEMAN	)E		0235637.96N		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE		15		PRESSURE	4											
LLER FR	اد	Z N	27		9Plu	•	1: 88(	1: 48(						· [							_			
EL Ship MI	Q #	DEG	356	CTD	& SN	S SN	SN	NS C		TRIP DEPTH			100	e.										
VESSEL NOAA SI	CONSC CAST#		0		TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.			-	2	3	4	S	9	7	ω	6	10	=	12

PG24 OF

STATION DESIGNATION	DRY WET SEURY SERVIND WIND BULB BULB DIRN. SPD. 2	(°C) (°C) (mb) (°C) (fulls) (mb)	5 6.0 4.21247215 16781	DATA LOCATION REMARKS	skette ID File Name/Header	CTD 024		MAX. DEPTH = 23 m	TRANSMISSOMETER Cleaned air bleed valve	SAN	SALINITY SAL. NUTR. CHIMENUTR.	356/	4661	9861	3001	4561		1923/	1 -226)		1/1861	1/30/	6 8
PROJECT & LEG MF98-06	TIME DRY JD= (GMT) BULB		AY980255 6.0	DATAL	Tape/Diskette ID				CHIAM TRANSMISSOME	CTD CONVERTED MONITOR VALUES	SEC. TEMP SALINIT												
	LONGITUDE DATE	DEG MIN DAY	15543.13W08M	TIMES JD/TIME	DATA ON	START DOWN	AT DEPTH	AT SURFACE	JPAR JELUOR		JRE PRI. TEMP.												
VESSEL NOAA Ship MILLER FREEMAN	CONSC CAST# LATITUDE	DEG MIN	0245635.45N	СТО	TYPE & SN 9Plus 91660 DATA ON	PRESS SN 29972	TEMP SN 1: 889, 2: 701 AT DEPTH	COND SN 1: 480, 2: 303 AT SURFACE		РОЅ. ТRIР ОЕРТН	PRESSURE	1 20/1	2 700 1	3 50	4 160	5 75	6 604	700 -	8 10	3 30 1	10 20 /	11 10 /	12 2

PG25 OF

STATION DESIGNATION	V W V C DOUD (ami)	(m) (s/m)	120781	REMARKS				MAX. DEPTH = JU (6 m	Cleaned air bleed valve	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	WHIT'S SAL. NUTR. CHL. NUTR.	40											
	E BAUSSBAG  BATATE ABS  VTIJIBISIV  ON W	(mb)	t14110.7	DATA LOCATION	File Name/Header	CTD 025				SAMPLE BO DATA	Y SALINITY												
	IE DRY WET T) BULB	MIN (°C) (°C)	0 . 9	DATA	Tape/Diskette ID				TRANSMISSOMETER	ES ES	SALINITY								,				
PROJECT & LEG MF98-06	TIME E JD= (GMT)	MO YR HR MIN	3MAY980417		Tape/				CHIAM	CTĎ CONVERTED MONITOR VALUES	SEC. TEMP												,
	LONGITUDE DATE	MIN DAY	54.25WO8MAY98	JD/TIME	z	NWOC	E	FACE	R FLUOR	CTD CONVER	PRI. TEMP.	88											
R FREEMAN	30	MIN DEG	3.89 N 155.54	TIMES	9Plus 91660 DATA ON	29972 START DOWN	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE	VPAR		PRESSURE										- The second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section is a second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section is a section in the section		
VESSEL NOAA Ship MILLER FREEMAN	<u></u>	O.Z.C.DEG N	625 56 33.89	стр	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS. TRIP DEPTH		1 246	2	3	4	2	9	7	8	o o	10	11	12

PG26 OF

STATION DESIGNATION	DRY WET SSURE STATE SIGNIND WIND WIND WIND CLOUD (amt)	(mb) , , (deg) (Adg) · ·	0601 5.11 4.01047 190 22 776 275E-D-3	DATA LOCATION REMARKS	Tape/Diskette ID File Name/Header	CTD026		MAX. DEPTH = 368 m	TRANSMISSOMETER Cleaned air bleed valve	MONITOR VALUES SAMPLE BOTTLE NUMBER DATA	SALINITY SALINITY SAL NUTR. CHE. NUTR.												
PROJECT & LEG MF98-06	ONGITUDE DATE	₹	<u>-</u>	TIMES JD/TIME	DATA ON	START DOWN	<b>Т ОЕРТН</b>	AT SURFACE	PAR PELUOR	CTD CONVERTED A	JRE PRI. TEMP.									Ť			
VESSEL NOAA Ship MILLER FREEMAN	LATITUDE	z	6 28 . 20 N		TYPE & SN 9Plus 91660 DATA ON	PRESS SN 29972 S	TEMP SN 1: 889, 2: 701 AT DEPTH	COND SN 1: 480, 2: 303 AT SURFACE	1	POS. TRIP DEPTH	PRESSURE	1 268	2 SATO ···	3 150	4 / 0-0	5	0.0	()   4 ()	8	6	10	11	12

Tone bothe tidn't trips redoing out.

POSCHOF

VESSEL NOAA Ship MILLER FREEMAN	ER FREEMAN		PROJE MF98-0	PROJECT & LEG MF98-06						STATION	N DESIGNATION OF THE PROPERTY	STATION DESIGNATION		
	LATITUDE	LONGITUDE	DATE JD=	F 0	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY  DIR.N.  DIR.N.	S S S S S S S S S S S S S S S S S S S	MEATHER	воттом рертн	STA. NAME/ID	.A. IE/ID
DEG	MIN DEG	MIN	DAY MO	YR HR	MIN	(0,)	(°C)	-	(ded)	(s/m)		(E)		
5264 SG 2	8.17 N 156	11.68 W	Σ	A Y 9 8					1 1 1 2 3 3 4 5					
СТБ	TIMES	JD/TIME	IME	····		ď	DATA LOCATION	TION		<u> </u>	REMARKS	ပ္သ		
TYPE & SN	9Plus 91660 DATA ON	NO		Tap	Tape/Diskette ID	e IÖ	Ē	File Name/Header	Header		1	() ()	\ \{	
PRESS SN	29972 STAR	START DOWN					<i>[</i> ]	27D026	26 A		Coult cast	in the	V	75
TEMP SN	1: 889, 2: 701 AT DEPTH	РТН	383							<u> </u>	loop la	deep halke on CTO	TOOL	263
COND SN	1: 480, 2: 303 AT SURFACE	IRFACE			i						MAX. DEPTH =	PTH=	25	٤
	7	VPAR	V FLUOR	ChlAM		RANSMISS	TRANSMISSOMETER		Cleaned	Cleaned air bleed valve	d valve			
POS. TRIP DEPTH		CTD CO	CTD CONVERTED MONITOR VALUES	NITOR VAL	UES			- S	SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	E NUME	3ER
	PRESSURE	PRI. TEMP.	MP.	SEC. TEMP	Δ.	, S S	SALINITY		SALINITY	<u> </u>	SAL	NUTR.	CHU	WHIT'S NUTR.
<b>J</b> <sub>V</sub> ,												5	,	
2 2000/	ei.													
3 150				;								(50)		
4 100 /	,											.5		
5 75				i										
6 60									,			A 1	= ;	
7 52 5					Ţ.							3.00	,	
8 401						,						2	<i>a</i> :	
6													À	
10 20													)	
11 10													3	
12 Bucket														
			137		ONE	Hoff	wottle didn't	+ T.V	- Q	رم ر	20	9	さ	

PGF OF

	VESSEL NOAA Ship MILLI	VESSEL NOAA Ship MILLER FREEMAN			PRC MF9	PROJECT & LEG MF98-06	EG					STATI	ON DESIG	STATION DESIGNATION ST 80 HO3	-20	
Si		TITUDE	LONG			,	TIME (GMT)	DRY BULB	WET	SEA STATE	VISIBILITY		LABE CLOUD (amt)	BOTTOM DEPTH	M STA.	A. E/ID
TIMES   N   5   1   1   5   5   5   5   5   5   5		MIN	DEG				HR MIN	(၁,)								
TIMES   DOTIME   Tape/Diskette ID   File Name/Header   Tape/Diskette	3		_	30 W	0 8 M	8	0651			694	N			to	W	50
1: 480. 2: 303 AT SURFACE  1: 480. 2: 303 AT SURFACE  THE SECTION OF THE NAME PRINTY  T	_ ,		TIMES	JD/TI	ME			70	ATA LOCA.	TION			REMAR	KS		
1: 889. 2: 701 AT DEPTH 1: 480. 2: 303 AT SURFACE 1: 480. 2: 303 AT SU	z	9Plus 91660	DATA ON	2			Tape/Diske	itte ID	File	∍ Name	/Header		0	Secret	ad	•
1: 889, 2: 701 AT DEPTH  1: 480, 2: 303 AT SURFACE  THE CTD CONVERTED MONITOR VALUES  PRESSURE PRI, TEMP. SEC, TEMP SALINITY SALINITY  50.4	z		START DOW	z			ľ		5	Do	4		7		15 P	,
1: 480, 2: 303 AT SURFACE		1: 889, 2: 701	АТ ОЕРТН								! •	1	2	626	026 A	, ,
PRESSURE PRI, TEMP. SEC, TEMP SALINITY		1: 480, 2: 303	AT SURFACE	111								ı	MAX. D	EPTH =	tot	E
PRESSURE PRI. TEMP. SEC. TEMP SALINITY		25.	VPAR		UOR	ChlA		TRANSMISS	OMETER		Clean	ed air ble	ed valve			
PRESSURE         PRI. TEMP.         SEC. TEMP         SALINITY         SAL. NUTR.           1937         1937           1936         1936           1937         1938           1938         1938           1939         1930           1930         1930           1930         1930           1930         1930	TRIP EPTH			CTD CON		MONITOR	VALUES		;		SAMPLE (	3OTTLE 'A	SAM	PLE BOTT	TLE NUMBE	ER
1934   1934   1935   1936   1937   1938    <	PRESS	URE	PRI. TEN	<u>a</u> :	SEC. 1	EMP	SAI	LINITY	<u> </u>	SALIN	\\\\\\\\\\	SAL.	NUTR.	CHLMENUTR	WHIT's	
1934   1935   1936   1937   1937   1938    VIO.												6	1938	-		
1936   1937   1938   1939    500													1937			
1934 1934 1939 1939 1939	500			-										1938		
1936   1938   1938   1938   1938   1938   1938   1938   1938	200									1				1935		
1430   1430   1430   1430   1430	75+													1934		
1933 1933 1933 1938	109	11			,										//	
M331 1939	503													1933	` .	
1630	104													M33	1	
1631	301		9											\	7	
26 P	102													1931	1 1	
800	10								I					<del>  </del>	フラ	
	によ													1989		

Per Sor |

VESSEL NOAA Ship MILLER FREEMAN	ER FREEMAN			PROJ MF98	PROJECT & LEG MF98-06	၂၅		- 1			STATIO	N DESIC	STATION DESIGNATION ST 81 HO!	76	
CONSC CAST#	ATITUDE	HO! EIGNO		DATE ID=		TIME	DRY	× × × × × × × × × × × × × × × × × × ×	BAUSSBA BTATS AB	SIBILITY ON SO	V V V V V V V V V V V V V V V V V V V	Onts) COOJ PPE ABHTABN	BOTTOM		STA.
DEG	MIN	DEG		DAY MO	YR	HR MIN	(0,0)		s .	(deg)	(m/s)	11.	(E)	+	
328 56 26	16.67 N	15622		3 1 W 0 8 M A	A Y 9 8	838	5 1	4 . 1 6.6 4				862	722	2	E-E2
СТО		TIMES	JD/TIME	ME			70	DATA LOCATION	NO		-	REMARKS	KS	11	
TYPE & SN	9Plus 91660 DATA ON	DATA ON	Most 8	3 10		Tape/Diskette ID	tte ID	File	Name/	File Name/Header					
PRESS SN	29972	START DOWN						+	CTD6 28	00					
TEMP SN	1: 889, 2: 701 AT DEPTH	АТ ОЕРТН				1									
COND SN	1: 480, 2: 303 AT SURFACE	AT SURFACE		11					'			MAX. DEPTH =		217	E
		/PAR	V FLUOR	UOR	CHIAM		TRANSMISSOMETER	OMETER		Cleaned air bleed valve	air blee	d valve			]   
POS. TRIP DEPTH			CTD CON	CTĎ CONVERTED MONITOR VALUES	ONITOR	VALUES	, ;		40) 	SAMPLE BOTTLE DATA	TLE	SAME	SAMPLE BOTTLE NUMBER	TLE NUN	/BER
	PRESSURE	URE	PRI. TEMP	₽.	SEC. TEMP	EMP	SAI	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 217							32	32.15				13			
2															
3															-
4															
5										;	,				
9					·										
7						i,									
8															
6			SE.												
10									<u> </u>						
11															
12				_		-									
								!							

County   C	MILL	VESSEL NOAA Ship MILLER FREEMAN			PROJEC MF98-06	PROJECT & LEG MF98-06	9:					STATIO	N DESIGN	STATION DESIGNATION		
DEG   MAN   DAY   MO   YR   HR   MIN   (**C)   (**C)   (**D)   (**C)   (**C		UDE	LONG		DATE JD=		TIME (GMT)		WET	SEA STATE		WIND SPD.	TYPE	BOTTON DEPTH		STA. NAME/ID
JOTIME   DATA LOCATION   REMARKS   File Name/Header   Tape/Diskette ID   File Name/Header   Tape/Diskette ID   File Name/Header   CAD 29   MAX. DEPTH = 197   MAX.	≣	7	DEG	WIN		YR	HR MIN				(deb)	i i		(m)	ļ	
DATA LOCATION   REMARKS     Tape/Diskette ID	2	2 N	1563	3 . 41 W		9 8	9 4 5	•		3.24			2 9 2	205		- F.1
Tape/Diskette   D   File Name/Header			TIMES	JD/TI	ME		. ,	٥	ATA LOCAT	NOI			REMARI	KS		
PRI. TEMP. SEC. TEMP SALINITY	0,	Plus 91660	DATA ON			•	Tape/Disk∈	ette ID	File	Name/	Header					
MAX DEPTH = 197   CTD CONVERTED MONITOR VALUES   SAMPLE BOTTLE   SAMPLE BOTTLE   NUMBER TEAM			START DOW	Z,					3	4020	~					
FLUOR   CTD CONVERTED MONITOR VALUES   SAMPLE BOTTLE   SAMPLE BOTTLE NUM DATA    PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CH    22 . 0   32 . 0	_	: 889, 2: 701	АТ ОЕРТН						] ]							
V PAR   V ELUOR   VALUES   SAMPLE BOTTLE   SAMPLE BOTTLE NUM   SALINITY   S		1: 480, 2: 303	AT SURFAC	ш Ш									MAX. DE	:PTH =	161	, E
SSURE   PRI. TEMP.   SEC. TEMP   SALINITY   CHI.   31.667   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   SALINITY   CHI.   SALINITY   S		<b></b>	VPAR	\  ✓  FL		ChIAM		TRANSMIS	SOMETER		Cleaned	air blee	d valve			
SSURE   PRI, TEMP.   SEC, TEMP   SALINITY   SAL, NUTR, CHL.     32.16   32.01   944   946   94				CTD CON	WERTED M	ONITOR	VALUES			S S	AMPLE BO DATA	TILE	SAME	PLE BOTT	LE NUN	/BER
22.16 8 1944 32.01 31.80 31.62 31.62 31.63 31.62 31.62 31.62 31.62 31.62 31.62 31.62 31.62 31.62		PRESSL	JRE	PRI. TEN	ηP.	SEC. T	EMP	SAS	YLINITY		SALINIT	<b>&gt;</b>	SAL	NUTR.	CHL.	WHIT'S NUTR.
32.01 31.67 31.67 31.67 31.63 1944 31.62 31.61 1949 31.61 31.61 31.61 1948 7 31.60								32	91.				8	1947		
31.80       1944         31.67       1944         31.62       1943         31.62       1949         31.62       1949         31.61       31.62         31.62       1946         31.61       1949         31.61       1949	_							32	10,		•			946		
31.67 31.68 31.63 31.63 31.63 31.62 31.61 31.61 6 31.60 6 31.60 6 31.60 6 6 6 7 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8		102						3	.80					(44S		
31.66 31.63 31.62 31.62 31.62 31.62 31.62 31.61 31.62 31.61 039 v								3,	1.67					hhbl		
31.63 31.62 31.62 31.62 31.61 31.61 31.60 31.60 31.60								3	1.66		i			-		MZ
31.62 (942 V 31.62 (949 V 31.61 (949 V 31.60 (939 V			-						કું, ભરે					1943	.>	
31.62		Ŧ						143	21.63					246)	>	
31.61 / 1941 / 1946 / 1								8	1,62					1	7	
31.60		31						· (* 1)	19.10	<u>, , , .</u>				1Hb	7	
31.60								,	31,4					9461	^	MZW
		a							31.60					1939	^	
							à									

NOAA Ship MILLER FREEMAN	AA		PROJEC MF98-06	PROJECT & LEG MF98-06				F		STATIC	NO DESI	STATION DESIGNATION STATION		
LATITUDE	LONG	LONGITUDE	DATE JD=	T (6	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY  O WIND  OIRN.	WIND CLOUD (amt)	CLOUD (smt)	воттом DEPTH		STA. NAME/ID
MIN	DEG	MIN	DAY MO	YR HR	HR MIN	(၁.)	() ()	(mb)	(deg)			(E)		
%	N 15628	8 97W08	Σ	A Y 9 8 1 1	23	5	7 5	1.9	5818	36	862	20	7	E-F2
	TIMES	Jac	JD/TIME			DA	DATA LOCATION	NOI			REMARKS	KS	, ,	הוחב
Plus 91	9Plus 91660 DATA ON	M	May 8 11	Тар	Tape/Diskette ID	te ID	File	Name	File Name/Header		You	rough spas + law.	+	2
29972	2 START DOWN	'	Ŋ					HO	c4030, dat		.,			
889, 2:	1: 889, 2: 701 AT DEPTH									1				
480, 2:	1: 480, 2: 303 AT SURFACE	ا ا		2.5			1			1	MAX. D	MAX. DEPTH =	161	٤
	VPAR	2	FLUOR	ChiaM		TRANSMISSOMETER	OMETER		Cleane	Cleaned air bleed valve	ed valve			
		CTD CTD	CTD CONVERTED MC	MONITOR VALUES	UES		:		SAMPLE BOTTLE DATA	ОТТС	SAM	SAMPLE BOTTLE NUMBER	TLE NUMI	BER
   R	ESSURE	PRI. TEMP	EMP.	SEC. TEMP	a.	TVS	SALINITY		SALINITY	}	SAL	NUTR.	吊	WHIT'S NUTR.
199	199					32	32018				25			
								<u> </u>			! !			
						! :								
								<u> </u>						
											:			
														ž
								<u>                                     </u>						
								<u> </u>						
									l					

FREEMAN STATION DESIGNATION STATION DESIGNATION STREEMAN STREEMAN	TIME DRY WET SO STERMIND WIND DO SOLUTION SPD SOLUTION SP	DEG   MIN   DAY   MO   YR   HR   MIN (°C) (°C) (mb) (, (deg) (m/s) (°C) (m)	.71 N 156 23. 78 WO 8 MAY 98 1253 4.8 4.5 67 181 32 876	TIMES JO/TIME DATA LOCATION REMARKS	Plus 91660 DATA ON OB May 12 7 Tape/Diskette ID File Name/Header	29972 START DOWN		480, 2: 303 AT SURFACE MAX. DEPTH = 226 m	PAR VFLUOR CHAM TRANSMISSOMETER Cleaned air bleed valve	CTD CONVERTED MONITOR VALUES  DATA  DATA	PRESSURE PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CHL. NUTR.	52.17											
ER FREEMAN		MIN	.71 N 156 23.		9Plus 91660 DATA ON 08 Ma		1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE		CTD CONV			100										
VESSEL NOAA Ship MILLER FREEMAN	CONSC CAST # LATITU	DEG MIN	031 56 19.	СТО	TYPE & SN 9PI	PRESS SN	TEMP SN 1: 86	COND SN 1: 48		POS. TRIP DEPTH		1 22.3	2	3	4	5	9	7	8	6	10	11	

PROJECT & LEG		STA. NAME/ID		F-F3		eak	ther		٤		JMBER	WHIT'S NUTR.											
PROJECT & LEG   PROJECT & LE	7		<b> </b>	0.00		مر ور	Wea		<b>422</b>		TLE NI	CHL.											
PROJECT & LEG   PROJECT & LE	NATION HO3	ВОТТО	(m)	2	S	5					LE BOT	NUTR.									-		
PROJECT & LEG   MF98-06   TIME   DRY   WET   EQUIPMENT   DAY   WIND   CONTROL   WIND   DAY   DAY   DAY   DAY   WET   EQUIPMENT   DAY   WET   EQUIPMENT   DAY   WET   EQUIPMENT   DAY   WET   EQUIPMENT   DAY   DAY   WET   EQUIPMENT   DAY   WET   EQUIPMENT   DAY	V DESIG	7705		7	EMARK	Ater	July A		IAX. DE	d valve	SAMP		71										
PROJECT & LEG   MF99-06	STATION	SPD. OUD (ami)			<u> </u>			<del>-</del>		air blee	TLE												
PROJECT & LEG   MF98-06   MF98-06   TIME   DRY   WET   CONTROL   DATE JD=   CANT)   BULB   BULB   DATE JD=   CANT)   BULB   DATE JD=   CANT   DAY   MN   N'   S   7   4   5   1   6   5   5   1   6   5   5   5   5   5   5   5   5   5	0)		$\overline{}$	9.0		der	4		177	leaned	'LE BOT DATA	ALINITY				:							
PROJECT & LEG   MF98-06   TIME   DRY   WET		VISIBILITY		99		me/Hea	032.		7		SAMP												
PROJECT & LEG   MF98-06   TIME   DRY   WET		РРЕБОВИЕ	(mp)	- 199	ATION	ile Na	Ctd			~												,	
PROJECT & LEG   MF98-06   TIME   DRY   DATE JD=   GMT   BULB   DEG   MIN   DAY   MO   YR   HR   MIN   (*C)   CONTINE   DATA ON   YR   HR   MIN   (*C)   CONTINE   DATA ON   OB   May   5;45   pm   Tape/Diskette ID   START DOWN   TAPE/DISKETTED   TRANSMIT   SEC. TEMP   S	:	WET	(၃)	51	ATA LOC	ш.	, I			OMETER		LINITY	5										
PROJECT & LEG MF98-06  DEG MIN DAY MO YR HR MIN  1 5 6 2 3 . 3 8 W 0 8 M A Y 9 8 1 7 5 4  TIMES  DATA ON  AT DEPTH  AT SURFACE  OR  OR  OR  OR  OR  OR  OR  OR  OR  O		ORY FULB	(၃)	9	<b>1</b> 0	Ö				NSMISS		SA	32	:									
LONGITUDE DATE JD=  LONGITUDE DATE JD=  DEG MIN DAY MO  1 5 6 2 3 3 8 W 0 8 M A Y  TIMES JD/TIME  DATA ON 08 May 5;45  START DOWN  AT DEPTH  AT SURFACE  CTD CONVERTED MON  CTD CONVERTE			$\perp$	20.50		skette	`		<u> </u>	TRA													4
LONGITUDE DATE JD=  LONGITUDE DATE JD=  DEG MIN DAY MO  1 5 6 2 3 3 8 W 0 8 M A Y  TIMES JD/TIME  DATA ON  AT DEPTH  AT SURFACE  CTD CONVERTED MON   ပ္ပ	TIME (GMT)	H. Σ	175		Tape/Di					VALUES	FMP							*					
LONGITU DEG MII 15623. TIMES DATA ON START DOWN AT DEPTH AT SURFACE AT SURFAC	CT & LI		ΥR	9				<b>'</b>	_	CHIAN	NITOR	SEC. 1											
LONGITU DEG MII 15623. TIMES DATA ON START DOWN AT DEPTH AT SURFACE AT SURFAC	PROJE MF98-0	=Qf				5;45			Į		ED MO								:				
LONGITU DEG MII 15623. TIMES DATA ON START DOWN AT DEPTH AT SURFACE AT SURFAC		DATE	DAY	8 0	IME	May	.			LUOR	NVERT	MP.										:	
LONGITU DEG MII 15623. TIMES DATA ON START DOWN AT DEPTH AT SURFACE AT SURFAC		, <sup>/</sup> , a		3 8 V	JD/I	8				>	STD CO	PRI. TE											
		NGITU[	Ψ.	23			OWN	т.	ACE	~													
		ro	DEG	156	IMES	ATA ON	TART D	T DEPTI	T SURF.	V PAF	]	RE							;				
	MAN			z	<u> </u>	31660 C		2: 701 A	2: 303 A			RESSU											
ER FR MIN MIN 1: 8899 1: 1: 4800 1: 48	R FREE	LATITUDE	MIN	٠. ک		9Plus (	29(	1: 889, 2	1: 480, 2			Q.											
SN TRIP DEPTH	p MILLE			9 2	0	z	z				RIP EPTH		17.										
VESSEL NOAA Ship NOAA Ship DE CONSC CAST # DE CAST # DE CAST # TEMP SN TEMP SN COND SN TEMP SN COND SN TEMP SN COND SN TEMP SN COND SN TEMP SN	SSEL DAA Shi	ONSC AST#	٦		CTL	/PE & S	RESS SI	EMP SN	NS ONC					2	8	4	S.	9	7	 6	0	-	12

	STA. NAME/ID		h 4 - 3					70 m		SAMPLE BOTTLE NUMBER	WHIT'S CHL. NUTR.											
NATION LLO I	ВОТТОМ DEPTH	Œ	278	S				7H = 2		E BOTTL	NUTR. (											
STATION DESIGNATION			9 4	REMARKS				MAX. DEPTH =	d valve	SAMPI	SAL.	1										
STATIC	WIND SPD.	(m/s)	45				ı		Cleaned air bleed valve	OTTLE 1	<u> </u>											
Ì	VISIBILITY O WIND	(deg)	190		leader	~		,	Cleane	SAMPLE BOTTLE DATA	SALINITY									i		
	PRESSURE SEA STATE YIIIBIILIX	-	936	NOIT	File Name/Header	C+4033				S S	<u> </u>			<u> </u>				<u> </u>				
	WET	(၁့)	5.00	DATA LOCATION	Ē	C	}		OMETER		SALINITY							: : :				
	DRY BULB	(0,)	6.0	DA	itte ID:				TRANSMISSOMETER		SAL	-										
EG	TIME (GMT)	HR MIN	17.6		Tape/Diskette ID					VALUES	IEMP					-		,				
PROJECT & LEG MF98-06	н	O YR	1 Y 9 8		30			Ì	VChIAM	CTD CONVERTED MONITOR VALUES	SEC. TEMP											
PRC MF9	DATE JD=	DAY MO	M 88 C	Ą	4				J R	VERTED	a.											_
			N 15618.36WOBMAY	JD/TIME	May 8				V FLUOR	CTD CON	PRI. TEMP									,		
	LONGITUDE	MIN	do _		NO	START DOWN	PTH	RFACE	λAR				,				 					
3		DEG	Z S	TIMES	30 DATA		)1 AT DEI	3 AT SUI	VPAR		PRESSURE											
VESSEL NOAA Ship MILLER FREEMAN	LATITUDE	MIN			9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRES		343				-					
L Ship MILLE		DEG	5617.4	стр	NS	SN	N <sub>O</sub>	SN		TRIP DEPTH		270										
VESSEL NOAA S	CONSC CAST#		633		TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		-	2	3	4	2	9	7	8	6	9	-

STATION DESIGNATION	PRESSURE SEA STATE VISIBILITY DIRN. SPD. SPD. SPD. CLOUD (ami)	(mb) , , (deg) (m/s) * *	5.7936619027876 260 I-FS	DATA LOCATION REMARKS	File Name/Header	CTDC34		MAX. DEPTH = 353 m	TER VICIeaned air bleed valve	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL NUTR. CHLMENUTR.	26 (95)		(955)	129	1953		12561	1951		19501	7 600	
PROJECT & LEG MF98-06	TIME (GMT)	YR HR MIN (°C) (°C)	982205 6.2	DATAL	Tape/Diskette ID				UCHIAM TRANSMISSOMETER	ONITOR VALUES	SEC. TEMP SALINITY												
PROJEC MF98-06	ONGITUDE DATE J	DEG MIN DAY MO	15612. FOWOSMAY	TIMES JD/TIME	ATA ON	START DOWN	т рертн	T SURFACE	V PAR FLUOR	CTD CONVERTED MONITOR VALUES	RE PRI. TEMP.								- 1				
VESSEL NOAA Ship MILLER FREEMAN	LATITUDE	DEG MIN	034 86 15.07N	CTD TT	TYPE & SN 9Plus 91660 DATA ON	PRESS SN 29972 S	TEMP SN 1: 889, 2: 701 AT DEPTH	COND SN 1: 480, 2: 303 AT SURFACE		POS. TRIP DEPTH	PRESSURE	1 bothony 253	2 200 /	3 150 /	4 100 \$	5 75 V	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 50 1	8 40 1	9 30 /	10 20 1	11 10 4	

PG 350F

	Z	OM STA. TH NAME/ID		24 E-03					267 m		SAMPLE BOTTLE NUMBER	WHIT'S											
ý	GNATIO FLO 4	BOTTOM DEPTH	L1	1279	KS.				MAX. DEPTH =		PLE BO	NUTR.											
	STATION DESIGNATION STATISTICS	CLOUD (amt) TYPE RAHER	,	68	REMARKS			:	MAX. D	ed valve	SAM	SAL.	5			:							
	STATI		(Marks	8				1	ı	Cleaned air bleed valve	OTTLE	ΥT											
		WIND DIRN.	(deg)	195		leader	S			Cleane	SAMPLE BOTTLE DATA	SALINITY											
		PRESSURE SEA STATE YTIJ(BISIV	(mb)	357	NO	File Name/Header	03			-	δ <sub>S</sub>		<u> </u>	<u> </u>		<u> </u>	<u> </u> 	<u> </u> 	<u> </u> 	<u>                                     </u>			
		WET BULB	(°C)	1.993	DATA LOCATION	File	CTD			ETER		     <u>}</u>											
				7	DATA					TRANSMISSOMETER		SALINITY											
		DRY BULB	(၃)	1		ette ID				TRANSI						  -  -							
		TIME (GMT)	HR MIN	1.06		Tape/Diskette ID					ALUES .	MP										,	
	PROJECT & LEG MF98-06		YR	986	-	<u> </u>			L	ChIAM	MONITOR VALUES	SEC. TEMP						•					
	PROJEC MF98-06	=Qf	QW	. 7 6W 09 M A Y					,   	^													
		DATE	DAY	60 M	JD/TIME					FLUOR	CTD CONVERTED	EMP.								,			
•		UDE	NIN.	4	an G					>	CTD	PRI. TEMP									-	:	
		ONG		1105	40	NO	START DOWN	PTH	RFACE	VPAR													
	z		DEG	Z Z	TIMES	0 DATA		11 AT DE	3 AT SU	>		PRESSURE											
	VESSEL NOAA Ship MILLER FREEMAN	UDE		17		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRES	367										
	MILLER !	~ -1	NIW (S)	5627		9F		1:8	1: 4		교		7										
	VESSEL NOAA Ship M	CONSC CAST #	DEG	Š	СТД	TYPE & SN	PRESS SN	TEMP SN	COND SN		S. TRIP DEPTH		1301										
	ž Š	58		0		¥	PRE	TE	Ö)		Pos.		_	2	က	4	ჯ	9	7	∞	თ	위	

Conscient   Lattice   La	VESSEL NOAA Ship MILL	VESSEL NOAA Ship MILLER FREEMAN			PROJECT MF98-06	PROJECT & LEG MF98-06	<u>ල</u>		. E.	:		STATION DESIGNATION	DESIG 7881	SSH61	ījā -	
UDE   LONGITUDE   DATE   JOHN   Name   DATE   JOHN   Name   DATE   JOHN   Name   DATE   DA							L	)	1.00	<b>BTAT2</b>		(amt)	ЯЭНТ			
DEG   MIN   DAY   MO   YR   HR   MIN   CO   (mb)   Go   Go   Go   HR   MIN   CO   MIN   DAY   MO   YR   HR   MIN   CO   (mb)   Go   Go   HR   MIN   CO   MIN   DAY   MO   MIN   DAY   MO   MIN   DAY   MO   MO   MO   MO   MO   MO   MO   M		TITUDE	LONGIT		키	-+	(GMT)	BULB		SEA	WIND DIRN.	SPD. CLOI	19YT A∃W	DEPTH		A. IE/ID
1	15	MIN				-	HR MIN	(၃)		mb)		m/s)		(E)		
1: 480, 2: 303 AT SURFACE  PRESSURE	3	0	15/2	•		8	03/10	• 1	8.7	735	4 - 0		<u>-</u> م	280		-63
1: 480. 2: 303 AT 2 DATA ON			TIMES	JD/TIN	Æ			70	ATA LOCAI	NOL		<u> </u>	EMARK	s,		
1: 480, 2: 301 AT DEPTH 1: 480, 2: 303 AT SURFACE  THE SOURCE TEMP  TRANSMISSOMETER  TRANSMISSOMETER  TRANSMISSOMETER  TRANSMISSOMETER  TRANSMISSOMETER  SALINITY  SAL		9Plus 91660	DATA ON				ape/Diske	itte ID	File	Name/	Header		Chler	Splyel	mark	
1: 480, 2: 301 AT DEPTH 1: 480, 2: 303 AT SURFACE    APAR			START DOWN	7		,			ال ا	100	36		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	30	S to	٤.
T: 480, 2: 303 AT SURFACE         MAX. DEPTH = 272           PRESSURE         PRI. TEMP.         SEC. TEMP         SALINITY         SALINITY         SALINITY         CH. 19.67           83-w         C.B. Mork         1964		1: 889, 2: 701	АТ ОЕРТН	·			,		. 1	•		,	Toron or		-	
PRESSURE         PRI. TEMP.         SEC. TEMP         SALINITY         SALINITY         SALINITY         CHILD           83-m         CAQA, M. MAA.         196.4         196.4         196.4           83-m         CAQA, M. MAA.         196.4         196.7		1: 480, 2: 303	AT SURFACE						10			Ž	AX. DEF		272	٤
PRESSURE PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CHILLINUM  PRESSURE PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CHILLINUM  83-m CALAM MAX SP. 1964  1965  1964  1966  1966  1966  1966			√ PAR	J.F.L.				FRANSMISS	OMETER		Cleaned	air bleed	valve			
PRESSURE         PRI. TEMP.         SEC. TEMP         SALINITY         SALINITY         CH.L/L/L/L/L/L/L/L/L/L/L/L/L/L/L/L/L/L/L/	FT. HT.	,	   	CTD CON	VERTED MC	NITOR)	ALUES		:		AMPLE BOT DATA	TLE	SAMPI	LE BOTTI	LE NUME	3ER
83m Calam max 1965 1 1964 1965 1 1966	<u> </u>	PRESSI	JRE	PRI. TEM	<u>a</u> .	SEC. TI	EMP	SAI	LINITY		SALINITY			NOTR.	CHIT/ME	WHIT'S NUTR.
83m Calam max  1965  1964  1967  1969  1968  1968	\-\ \-\													1967	,	
83m Calam max 1964 1964 1964 1965 11960 1	) V	82												9901		
83m Calam max 1964 83m Calam max 1964 1964 1967 1967 1968 1968 1968 1968 1968	l i	:												1965	-	
83m Calam max 1963 / 1963 / 1960 / 19														1964		
7 95bl   1   1   1   1   1   1   1   1   1	1/2	87m	Ca Jahn	Max										1963	7	
7 9561			,											\		
1			-											1962	1	
7 95b1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0												-	_	`	
1	2			Þ.	:								-	7	`	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	> /				·	٠.		ū						7096	8	
													Tagas de la constitución de la c	459	`>	
	をた			į					,				_	1958 1		

	J. S/ID		Æ					Ē		ER	WHIT'S NUTR.						B)						
	STA. NAME/ID		1-1-1-1			c	ļ	245		SAMPLE BOTTLE NUMBER	CHL.				-								_
NOI	ВОТТОМ DEPTH	(m)	175	,	Chlans none					SOTTLE			,									.	-
SIGNA H 0 1	я <u>энтаэ</u> м В В	L	7	RKS	Green.			MAX. DEPTH =	e l	MPLE	NUTR.	100	_			,						4	$\dashv$
STATION DESIGNATION	TYPE CLOUD (amt)		53	REMARKS	3			MAX.	ed val	S	SAL.	/W								:			
STATION STATION	WIND SPD.	( <b>a</b> )( <b>a</b> )	· &						l air ble	TTLE	<b>→</b>				·	2.5							
	WIND DIRN.	(geb)	210		ader	4		`	V Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY												
	SEA STATE VISIBILITY		4		File Name/Header	D637			S	SAM	Ű	Α				,			,				
	PRESSURE	(gm)	9	ATION	ile Na	A						•											
	WET	(၁့)	4 4	DATA LOCATION	ш.				TRANSMISSOMETER		SALINITY				•						*		
	DRY BULB	(၁့)	7	70	۵				NSMISS		SAI											:	
					skette		:		TRA	<u> </u> 		,		h									$\dashv$
၅	TIME (GMT)	HR MIN	6150		Tape/Diskette ID			'		CTD CONVERTED MONITOR VALUES	EMP				,			-					
ST & LE	· · · · · · · · · · · · · · · · · · ·	YR	8			l		`	ChIAM	LITOR	SEC. TEMP												
PROJECT & LEG MF98-06	<b>-</b>	Q	AAA																,				
<u>a. ≥</u>	DATE	DAY	17 1 W 09 M	ME			4		FLUOR	WERTE	<u> </u>					:							
		-	Z [ W	JD/TIME					F	Ó   O   O   O	PRI. TEMP.							,		10.			
	LONGITUDE	NE	64			N.		핑									;	·					
	LON	DEG		ES	A ON	START DOWN	ЭЕРТН	SURFA	PAR	ה ה													
2		ă	N 1 56	TIMES	60 DAT		01 AT I	03 AT (			PRESSURE				Ģ					1			
VESSEL NOAA Ship MILLER FREEMAN	JOE		07N		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRE					ŀ							
LLERF	LATITUDE		45		96		1:8	1:4					 										
EL Ship MI	O #	DEG	375645	сто	S SN	SSN	SNS	SN		TRIP		108		3.0				1 7					
VESSEL NOAA S	CONSC CAST #		03		TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		1	2	က	4	5	9	7	- ∞	o	9	11.	12

PG\_38\_OF\_\_\_

			A		1		ļ			~	r F.			T	$\Box$	Т					П		$\neg$
	STA. NAME/ID		E-B					E,		JMBER	WHIT'S NUTR.	_				_	-				_	_	_
			7					53		TE N	CHL.			•									
STATION DESIGNATION	ВОТТОМ DEPTH	(m)	23					#H_		SAMPLE BOTTLE NUMBER	NUTR.											1	
ESIGN TO H	WEATHER	*		REMARKS				MAX. DEPTH	alve	SAMPL	SAL. N	1											
TION	CLOUD (amt)	*	53	Z Z				Σ S	eed v		8	24											
STAT		(A)					ı	1	d air bl	TTLE													
	WIND DIRN.	(deg)	7220		ader				Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY			,									
	SEA STATE VISIBILITY	*	7	<b>*</b>	e/He	838			2	NA W											8		
	PRESSURE		94	TION	File Name/Header	CTD						-1											7
	WET	(၁.)	4.094	DATA LOCATION	团	0	,		TRANSMISSOMETER	:	SALINITY			20000000									
	DRY BULB	(၁.)	13	PΩ	0				SSIMS		SAI		28	3									
	DB BU	ີ.)	12		cette II			4	TRAIN	1													
	TIME (GMT)	HR MIN	9650	,	Tape/Diskette ID					TOES	٩		5	0		1							
LEG		$\vdash$	8			*			AM M	R VA	SEC. TEMP		8										
PROJECT & LEG MF98-06		YR	A Y 9	*					Chiam	MONITOR VALUES	SE(												
PROJEC MF98-06	9	₩ W	Σ				-			TED N						-							
	DATE	DAY	09	IME					FLUOR	NVER	MP.				,								
			4 2 W 0 9	JD/TIME		. !				CTD CONVERTED	PRI. TEMP.												
	LONGITUDE	¥ ∑				Ş		Щ		0	"									,			
	LONG	L	019		o N	START DOWN	EPTH	JRFAC	PAR														
		DEG	1	TIMES	DATA	STAR	AT DE	AT St		].	J. C. R.												
EMÁN	,,,	$\vdash$	<u>г</u>		9Plus 91660 DATA ON	29972	1:889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE		2	PRESSURE										5		
R FRE	LATITUDE	N N	•		9Plus	7	1: 889,	1: 480,			7**												
VESSEL NOAA Ship MILLER FREEMÂN	<u> </u>	DEG	7		_		•	·		TRIP DEPTH	,	1						^					
SEL A Ship	2 # 1 &C		8	E 2	TYPE & SN	PRESS SN	TEMP SN	COND SN				28			_			:.:**					
VESSEL NOAA S	CONSC CAST #	L	638		TYPI	PRE	TEM	00 NO		POS	,	-	2	က	4	5	9	_	∞	6	9	1	12

PG370F

PROJECT & LEG		STA. NAME/ID		182		1			: E		ABER	WHIT'S NUTR.												_
PROJECT & LEG   WITHOUT   PROJECT   PROJEC			Ш	CONTRACTOR.					7		E NUN	F.												
PROJECT & LEG   TIME   DRY   WET   G   F   F   F   F   F   F   F   F   F	ATION	OTTOM	(E)	295							BOTT	<u> </u>	1											$\vdash$
PROJECT & LEG	ESIGN	язнтазм		1	ARKS				. DEPT	e A	AMPLE		92	_			-	_	-				_	_
PROJECT & LEG   MIN   PRESSURE   PRI TEMP.   SEC. TEMP   SALINITY   SALINIT	O NO	LYPE CLOUD (amt)		9	REM				MAX	eed va		Š	W											
PROJECT & LEG     PROJECT & LEG	STAT		(m/s)				ĺ	ı	1	dairb	OTTLE	<u></u> ∠												
DRV   DATE   DEC   MF98-06   TIME   DRV   WET   DEC   MIN   DAY   MO   NR   HR   MIN   (CC)   (CD)   DATE   DEC   MIN   DAY   MO   NR   HR   MIN   (CC)   (CD)   DATE   DEC   MIN   DAY   MO   NR   HR   MIN   (CC)   (CD)   DATE   DEC   MIN   DAY   MO   NR   HR   MIN   (CC)   (CD)   DATE   DEC   MIN   DAY   MO   NR   HR   MIN   (CC)   (CD)   DATE   DA		WIND	(deb)	245		ader	0-			Cleane	PLE B	SALINI												
PROJECT & LEG   PROJECT & LE	7	SEA STATE VISIBILITY		5		me/He	03				]& 			•										
PROJECT & LEG   PROJECT & LE		PRESSURE	(gm)		ATTON	ile Na	<u>7</u> D		4															1
PROJECT & LEG   MF39-06   MF3	;	WET	(°C)	3.2	ATA LOC	L.	)		! 	SOMETER		LINITY	88			!					-			
TIME   PROJECT & LEG   MF98-06   M		DRY BULB	(0,)	. 00	<b>ы</b>	tte ID				FRANSMIS		/\$	32,		- ,	· -						v		
LATITUDE	(2)	TIME (GMT)	IR MIN	823		ape/Diske	-				ALUES	ωM							**					
DEG MIN DEG MIN DEG MIN DEG MIN DEG MIN DEG MIN SW 29972 START DOWN SW 29972 START DOW	& LE		-			<u> </u>	[		,	ShiAM	TOR V	EC. TE					,							
LATITUDE	COJECT	<u></u>	-			4	1		1	>	MOM C	S						,4			,			
LATITUDE	<u>₹</u>	ائن ا		0 g	ш	- 1				OR	ÆRTE	0.												
LATITUDE				W 9	JD/TIN	Mov	>			7 FLU	CON	TEM!				^	,			,				
10 MILLER FREEMAN  LATITUDE  DEG MIN DEG  5 6 3 % 7 2 N 1 5 6  DO TIMES  SN 9Plus 91660 DATA  SN 29972 STAR  N 1:889, 2: 701 AT DE  N 1:480, 2: 303 AT SU  EPTH  EPTH  PRESSURE		TUDE	ΝΨ	Contract to the		·		•			CT	8.												
10 MILLER FREEMAN  LATITUDE  LATITUDE  DEG MIN   100		LONGI		0 0	<b>,</b>	NO	T DOW	РТН	REACE	PAR														-
JEG LA SON		i	DEG		TIMES	DATA	STAR	AT DE	AT SU	>		URE												
DEG LA SIN	EEMAN	ш		2		, 91660	9972	, 2: 701	, 2; 303			PRESS	83	,	,									
SSEL AAA Ship MILL ON SC ST TRIP SC TR	ER FRE	TITUD	Z N	80		9Plus	2	1: 889,	1: 480,															
SSEL AAA SI SSEL SSEL SSEL SSEL SSEL SSEL SSEL S	híp MILL		DEG	5 6 3	٩	NS	Z	7	z		TRIP EPTH		18											•
[파이 - 이전   7개 구 또 필 ㅇ  ㅇ -   -   시 씨 4 씨 씨 씨 씨 의 의 김 부 2	VESSEL NOAA SI	CONSC CAST#		039	5	YPE &	RESS (	TEMP SN	COND SN		SOO			2	9	4	2	9		ω	o	10	1	12

PG % OF

ATION 9 I	BOTTOM STA.	+	263 E-C3					H= 273 m		SAMPLE BOTTLE NUMBER	NUTR. CHL. NOTR.	1	91.51	94	HC b1	9/13	1 M2	972 / ME	971 / NZ	- ME	1970 / MZ	ACE / ME	1969 1
STATION DESIGNATION	LOUD (amt) YPE APTHER B C	<b>√ ·</b>	5 3 1	REMARKS				MAX. DEPTH =	d valve	SAMPLE	SAL. NL	17 197	b)	اوا	b)	2	١	19		100	2	191	0
STATIO	WIND		20			,			Cleaned air bleed valve	TTLE	<b>&gt;</b>	_				-							
	NSIBILITY ON S		7 255		Header				Cleaned	SAMPLE BOTTLE DATA	SALINITY												
	BAUSSBR BTATS AB	S .	\$	TION TION	File Name/Header					'S	<u></u>												
	WET		3 0	DATA LOCATION	File		<u> </u>		OMETER		SALINITY	12	52	32.05	95	. 88	:/8	34.	£9	31.54	31.51	31.54	
	DRY	(0,)	8 0	Q O	tte ID			,	TRANSMISSOMETER		SAI	33.12	.32.	32.	3	31	31,	31	:  <del>ک</del>	31.	31	3	
9	TIME (GMT)	HR MIN	1 0 7 1		Tape/Diskette ID		:	{		VALUES	EMP					ţ							
PROJECT & LEG MF98-06	ıı	MO YR	A Y 9 8		1		L		V ChiAM	CTĎ CONVERTED MÖNITOR VALUES	SEC. TEMP		:										
PRC	DATED=	1	7 2 W 0 9 M 4	ME					FLUOR	VERTED	Ā		·										
1.	HOO.	MIN	7 7 m	JD/TIME						CTD COI	PRI. TEMP												
	LONGITUDE	DEG N	0 9 N I S 6 0 5	TIMES	TA ON	START DOWN	. ОЕРТН	SURFACE	J PAR	·	щ						-						
FREEMAN	3 3 0 0		- 1		9Plus 91660 DATA ON	29972 ST	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRESSURE			À		44					77		( <del>1</del>
VESSEL NOAA Ship MILLER FREEMAN	LATITUDE	DEG	5632	стр		SN				TRIP DEPTH	,	373	1007	150	001	75	Qg	So	ક	30	ST.	2	o pwyke
VESSEL NOAA SI	CONSC CAST #		04056	ပ်	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		-	2	m	4	rs	9	7	80	თ	2	7	12

PG #10F\_

	A. E/ID		<del>م</del>					Ε		T.	WHIT'S NUTR.												
	STA. NAME/ID						•			SAMPLE BOTTLE NUMBER	CHL.					_		<del>                                     </del>					
NO.	ВОТТОМ	Œ	255				† ·	<b>9</b> 46 =		OTTLE		₩	_				<u> </u>	ļ - ·	<u> </u>	-		_	
SIGNATIO 3 HO	1,71111,774	L	7	RKS				MAX. DEPTH =	ē.	APLE B	NUTR.	_							<u> </u>				
STATION DESIGNATION	TYPE THER TYPE		80	REMARKS	1			MAX.	ed valv	SAN	SAL	1											
STATIC	O V CLOUD (amt) TYPE TYPE	(m/s)	20	ļ					air ble	TTLE	>-												
	WIND DIRN.	(deg)		2	ader				Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY		6										
	SEA STATE VISIBILITY	-	L+-	S	File Name/Header	041			Ĕ	SAMI	v)				_								
	PRESSURE	<u>a</u>		ATION	ile Nar	ctd o41			_		٠												
	WET BULB	(၁့)	3 5	DATA LOCATION	ш.		' ' 		SOMETER		SALINITY	\$1											
	DRY BULB	(C)	5   1		tte 1D	:			TRANSMISSOMETER		<i>t</i> s	33.18											
	TIME (GMT)	HR MIN	1 5 2		Tape/Diskette ID					LUES	- U	,	,					:				-	
& LEG		YR H	9 8		<u></u>	:			ChIAM	OR VA	SEC. TEMP	!					,			÷			
PROJECT & LEG MF98-06		MO	A Y 9		7	ı	ا،		5	MOM	SE					:							
PR.	DATE JC	1		ш	11:42		1152		R.	CTD CONVERTED MONITOR VALUES				,						•			
	Ω		. 24 W 09 M	JD/TIME	May 9	>		ļ	V FLUOR	CONV	PRI. TEMP.												
	ITUDE	Z			_		'			СТС	PRI												
	LONGITUDE		15600		NO.	START DOWN	РТН	<b>JRFACE</b>	PAR								_						
		DEG	1.5	TIMES	DATA	STAR	AT DE	ATSU	>		SURE				,	,							
REEMAN	)E		38		9Plus 91660 DATA ON	29972	1: 889, 2: 701 АТ DEPTH	1: 480, 2: 303 AT SURFACE			PRESSURE												
LER FF	LATITUDE	Z	6		9Plc	-	1: 88	1: 48(															
hip MIL		DEG	5	СТО	SN	NS	z	Z.		TRIP DEPTH		346							į				
VESSEL NOAA Ship MILLER FREEMAN	CONSC CAST#		0415629.38 N	ပ်	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		1	2	. ო	4	5	9	7	<b>&amp;</b>	6	9	=	12

PG 12 OF

		A. E/ID	-,	40					E		ËR	WHIT'S												
		STA. NAME/ID		4					252		SAMPLE BOTTLE NUMBER	> 2	+		-									
NOIT /		ВОТТОМ DEPTH	(E)	197			9 5	1	10.		SOTTLE		-	-	$\vdash$	<u> </u>	-			-		-		
ON DESIGNAT	НЕВ	TA3W	1	1	RKS				MAX. DEPTH =	Ve Ve	MPLE	2	┪		<u> </u>		<u> </u>	<u> </u>						
STATION DESIGNATION	(jme) (	크리지	1.	6	REMARKS	<del></del>			MAX.	ed val	SA.	٥	8							<u></u>				
STATI	(Jme) (		(s/w)	1 4	S	3.		1		d air bl	TTLE	>		O.			3				:			
		WIND	(deg)	23.5		ader	7			Cleaned air bleed valve	SAMPLE BOTTLE DATA	YTIMI IAS					d:							
	3TAT YTI.	VISIBIL	-	£ 9	<u>g</u>	File Name/Header	249 O42	US.			SAN													
	3808	PRESS	(qm)		ATION	ile Na	<u>ر</u>			~														
		WET	(00)	3.4	DATA LOCATION	<u>u</u> .		! 	1	TRANSMISSOMETER		YTINI IN	12											
		DRY BULB	(°C)		/0	۵			ε	NSMISS	55	l S.	33,21					ē						
				5	-	kette I				TRAI			_				_							
G		TIME (GMT)	HR MIN	13.2		Tape/Diskette ID					ALUES	Δ												
T & LE	2.5	ı	YR	8 6		<u> </u>	¥.			VChIAM	ITOR V	SEC. TEMP								2				
PROJECT & LEG MF98-06		JD=	Q Q	A   ≺		3.4			آ ا	>	NOW a		86					71.						
_ ≥			DAY	09		6				FLUOR	CTĎ CONVERTED MONITOR VALUES	<u>~</u>			×									
			-	7	JD/TIME	May 9	⊋			7FL	D CON	PRI. TEMP									8			
		LONGITUDE	MM	. 9			N S		9		5	ο.	:								ŧ.			1
		LONC	DEG	9	ES	NO A	START DOWN	ЭЕРТН	1: 480, 2: 303 AT SURFACE	V PAR	1			-										
2		= ///	ŏ		TIMES	30 DAT		)1 AT [	33 AT 8		l	PRESSURE				(4)	V							
REEM		JOE		7		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	30, 2: 30			PRES		1		-								120
LLERF			Z	5.2		96		1: 8	1: 4												.			_
VESSEL NOAA Ship MILLER FREEMAN		() #r	DEG	0425625.44N15606.12W09M	СТБ	NS %	NS :	NS	SN		TRIP DEPTH		250											
VESSEL NOAA SI	38	CONSC CAST #		0 4 2		TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		-	2	3	4	5	9	7	8	6	10	-	12

PG 43 OF

	STA. NAME/ID		E3	177			:	· E		3ER	WHIT'S NUTR.											,	
	STA.		B					34	<u> </u>	E NUMB	CH.								,	<del> </del> -			1
ATION HO!	воттом рертн	(m)	2 5 7							SAMPLE BOTTLE NUMBER	NUTR.	<u> </u>	<u> </u>							-			-
STATION DESIGNATION	мертнек		_	REMARKS				MAX. DEPTH =	alve	AMPLE		1	- 1									_	_
FION D	O WIN CLOUD (amt)		80 M	REN		-	:	₹	leed v		SAL.	8							<u> </u>			<u> </u>	=
STA	WIN SPC	(m/s)	2 - 0				ŀ	I	Cleaned air bleed valve	30TTLE 'A	   <u>`</u>												
	WIND DIRN.	(geb)	7 225	İ	File Name/Header	~	į		Clean	SAMPLE BOTTLE DATA	SALINITY				!								
	SEA STATE VISIBILITY		S	νZ	ame/F	A 043			<u> </u>	85 		<u> </u>	<u> </u>										=
	PRESSURE	٦		CATIO	File N	_ਰਿ -			H.														
	WET BULB	(၃)	3 0	DATA LOCATION			1	1	TRANSMISSOMETER		SALINITY	32,77				<u> </u>		b.					
	DRY BULB	(၁့)	0	ď					NSMISS		S AS	32											
			0 5		skette				TRA	]	A												
ပ	TIME (GMT)	HR MIN	1450		Tape/Diskette ID		J.			CTD CONVERTED MONITOR VALUES	EMP		į					ř					
T & LE	÷	YR	8		<del> </del> -	(		4	ChIAM	ITOR \	SEC. TEMP		. ,		:						Ì		
PROJECT & LEG MF98-06	=Q	МО	Α		1441	1		1456		NOW					v								
ĭ ₩	DATE JD=	DAY]⊱	M P 9 M 2 .	Æ		=	146	14	JOR	VERTEI	o.						,	,					
-			M 9	JD/TIME	May 9	•		ĺ	JELUOR	CON	PRI. TEMP												
	LONGITUDE	MIN	7 1		ν.		·	ш		CT	PR												
	LONG	<u></u>	-	w	NO	START DOWN	PTH:	JRFACI	PAR						,								-
		DEG	5.6	TIMES	DATA	STAR	AT DE	AT SL	$\Box$		URE								,				
EEMAN	й		8 3 N		9Plus 91660 DATA ON	29972	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			PRESSURE		2										
ER FR	LATITUDE	N N	3.		9Plu	• •	1: 889	1: 480		,				,		-							
VESSEL NOAA Ship MILLER FREEMAN		DEG	562	٥	NS	Z	7	z		TRIP DEPTH	,	144											
VESSEL NOAA SI	CONSC CAST#		0 4 3	CTD	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		-	2	3	4	5	9	7	8	6	5	11.	

PG 44 OF

VESSEL			PROJ	PROJECT & LEG	9				STATIO	N DESIG	STATION DESIGNATION		
NOAA Ship MIL	NOAA Ship MILLER FREEMAN		MF98-06	90				100		ST96	96 HO3	!	
	10 18			- 33	5		SURE	TATE YTI	(Jms) (	HER HER	en en		
	DE	LONGITUDE	DATE JD=	2	(GMT)	DRY BULB	WET SO	SEA S'	WIND G	ITA∃W	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG MIN	DAY MO	YR	HR MIN	(0,)	(°C) (mb)	(deg)	(s/ш)			$\perp$	
04456	445615.19N1	15613.10	3 . 10 W 0 9 M A Y	& G	9761	5.9	1 4.0 00 4 E	3260	12	184			E-F5
СТБ		TIMES JD	JD/TIME			DAT	'A LOCATIO	5.N		REMARKS	ାଞ		
TYPE & SN	9Plus 91660 DATA ON		May 9 19:17		Tape/Diskette ID	te ID	File Z	File Name/Header		trid	tried Mouses, It crapped	い中の	apped
PRESS SN	29972 ST	START DOWN	,,	l	fs:		t)	.+4044.	_	out.			
TEMP SN	1: 889, 2: 701 AT DEPTH	ОЕРТН	=										
COND SN	1: 480, 2: 303 AT SURFACE	SURFACE							· <	MAX. DEPTH =	:PTH = 2	250	E
		/PAR	FLUOR	CHIAM		TRANSMISSOMETER	METER	Cleaned	Cleaned air bleed valve	d valve			
POS. TRIP DEPTH		CTDC	CTD CONVERTED MONITOR VALUES	ONITOR \	/ALUES		52	SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	ILE NUN	BER
										3			4
	PRESSURE	E PRI. TEMP	EMP.	SEC. TEMP		SALINITY	<u>Σ</u>	SALINITY	<u></u>	SAL.	NCTR.	GH.	MATS.
1 250						27.28	26		<u> </u>	2	066		
2 200						32.26	76				1991		
3 150						32.11	//				1992	112	
4 (00						86'12	8£				1984		77
5 75		Ē				31.90	30				1983		
9						31.84	84				)		`
2		5				31.79	61				1982	^	^
8 40						31,70	2				1861	^	>
9 30	33	\$				31	31.61				\	1	>
10 20	7.1		:4:			3	31,56				1980	`	>
11 10					-	18	31.56				1979	<i>&gt;</i>	>
12 Surface		建	12								19.78	_	
											-		

PG 45 OF

		Τ	7.						Ī		T'S B	<u> </u>	,				M£	Z	ž	<del>2</del> 2	桑	EW.	
	STA. NAME/ID		7		7			\\Z	)	SAMPLE BOTTLE NUMBER	WHT'S	· >	>	>	>	>	2.	>	>	1	>	>	,
Z -		↓_			KOO M			25	i	N H L L	꿈					,	>	>	>	>	>	>	
SNATIO 7 HO	BOTTOM	Œ	700	Ş	\$			PTH =		LE BO	NUTR.	44	79	65	ηβ	199	1998	80	8	à	48	98	1.00
STATION DESIGNATION	CLOUD (amt)		1/8	REMARKS	MLD			MAX. DEPTH =	Cleaned air bleed valve	SAME	SAL.	3											
STATIO	WIND SPD.	_	7			-			air blee	7.E													
0,	WIND DIRN.	(deb)	260		der	1			eaned	SAMPLE BOTTLE DATA	SALINITY											,	
	SEA STATE YTIBISIN		482		File Name/Header	343			\ <u>\</u>	SAMP	<i>t</i> s										,		
	PRESSURE	$\Box$	3800	ATION	le Nan	eTD 845																	
	WET	(0,0)	3	DATA LOCATION	ίŒ		<b>!</b> !	1	TRANSMISSOMETER		SALINITY									,			
	DRY BULB	(0,)	Y	à	- <u>-</u>				ANSMISS		SAI							:					
	,	NIE	0		Tape/Diskette ID			 	T F	S	-	_	,						<i>.</i>			-	
EG	TIME (GMT)	HR MIN	4		Tape/Ľ			·	V	TOR VALUES	remp							Ġ					
CT & LEG	,	ΥR	8 6			,			ChIAM	NITOR	SEC. TEMP		÷										
PROJECT MF98-06	- -0	Q W	Α						<u></u>	ED MC			_			-						_	
	DATE	DΑΥ	6 0 N	JD/TIME				7	FLUOR	ONVER	MP.												
	DE	2	5606.27W09MAY	Jar Jar		,				CTD CONVERTED MONI	PRI. TEMP												
	LONGITUDE	NIM	0		7	NWO	ī	ACE	œ							_							
	רכ	DEG	2	TIMES	9Plus 91660 DATA ON	START DOWN	T DEPT	T SURF	YPAR		m m												
MAN			Z	<u></u>	1660 D	29972  S	: 701 A	: 303 A			PRESSURE	255											
RFREE	LATITUDE	N N	5		9Plus 5	296	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE			<u>a</u>	`0											
MILLE		DEG	0		7	_	+	1		TRIP DEPTH		Ž	55	1501	> 0 0	754	100	>05	407	200	200 1	2	CY CY
VESSEL NOAA Ship MILLER FREEMAN	CONSC CAST #	اه	045 56 26.60NI	СТБ	TYPE & SN	PRESS SN	TEMP SN	COND SN				201	300	-	2		9			100	$\perp$	_	tower to
N S	88		0		ΤΫ́	PR	Ţ	8		POS.		-	7	က	4	S.	ဖ	7	ω	6	위	7	12

PG 4 60F

VESSEL NOAA Ship MILLER FREEMAN	ER FREEMAN		σ.Σ	PROJECT & LEG MF98-06	9:	9				STATION	N DESI	STATION DESIGNATION	7.		<u></u>
	LATITUDE	LONGITUDE	DATE JD=	- Q(	TIME (GMT)	DRY	WET	SEA STATE	YTIJIBISI/ O WIND D WIND	WIND OD OD OD OD OD OD OD OD OD OD OD OD OD	YPE ABHTABY	BOTTOM		STA. NAME/ID	
DEG	MIN	DEG MIN	DAY	MO YR	HR MIN	(0,0)		•	(deg)		٠.		$oldsymbol{\downarrow}$		
0465630.37N		15616.09W09MAY	W 6 9 M	8	8466	7	4	70			1 2 /7	248	¥ ₩	20-	
СТО	TIMES		JD/TIME			DA	DATA LOCATION	TION			REMARKS	KS	J		<u> </u>
TYPE & SN	9Plus 91660 DATA ON	TA ON			Tape/Diskette ID	tte ID	Fii	File Name/Header	Header						
PRESS SN	29972 STA	START DOWN		 		.	Ų	CTDO46	16				* * * * * * * * * * * * * * * * * * * *		<del>-</del>
TEMP SN	1: 889, 2: 701 AT DEPTH	ОЕРТН										:			
COND SN	1: 480, 2: 303 AT SURFACE	SURFACE								<u>: 2</u>	MAX. DEPTH =	EPTH =	23	E	7
		WPAR V	FLUOR	Chiam		TRANSMISSOMETER	OMETER		Cleaned air bleed valve	air blee	d valve				
POS. TRIP DEPTH		CTD7	CTD CONVERTED MON	D MONITOR	ITOR VALUES	à		#Ø	SAMPLE BOTTLE DATA	TIE	SAME	SAMPLE BOTTLE NUMBER	TLE NUN	/BER	
	PRESSURE	<u></u>	PRI. TEMP.	SEC. TEMP	ЕМР	SAL	SALINITY		SALINITY		SAL.	NUTR	SH	AVHIT'S NUTR.	1 1
- BOOK	1239										0	3008		~	1
2 20V												4200		>	
3 150 ×	·						i	•				2006		>	
4 1001												2005		>	
5 75,												)cod		>	
<b>9</b> 9												3083	<b>\</b>	-	M.O.
7 501					2			•				2002	>	>	K)
8 401												700-1	¥	>	me
108 6							-			· ·		2.02	1		RR
10 201						,						hard	>	>	4
11 10 4									-			1959	>	>	MZ
12 Ducket												2009	>	>	

PG 17 OF

VESSEL NOAA Ship M	VESSEL NOAA Ship MILLER FREEMAN			PROJEC MF98-06	PROJECT & LEG MF98-06				100		STATION	DESIGNATION OF A P	STATION DESIGNATION ST 99 H81		
ii.			•		<u>.</u>				3TAT		(tms) (	ЯЗІ			
CONSC CAST #		LONGITUDE		DATE JD=	F 9)	TIME (GMT)	DRY BULB	WET BULB	PRESS	VISIBIL DIRN.	WIND SPD.	TYPE TTABW	BOTTOM DEPTH		STA. NAME/ID
DEG	WIN	DEG MIN		DAY MO	YR	HR MIN	(၁.)	(°C)		(deb)		L .	(m)	╀	
2647	8475635.97N155		59.80W)OM	) OMAY	9 8	1 400	<u>و.</u> ک	3.86248	248	3270	13 3	33 1	283	t a salaras	1 80 M
СТБ		TIMES	JD/TIME	ЛE			DA	DATA LOCATION	NO	,	α.	REMARKS			
TYPE & SN	9Plus 91660 DATA ON	DATA ON			Tap	Tape/Diskette ID	te ID	File	File Name/Header	feader					
PRESS SN	29972	START DOWN	,					G	544 C	4					
TEMP SN	1: 889, 2: 701 AT DEPTH	АТ ОЕРТН		,			,								
COND SN	1: 480, 2: 303 AT SURFACE	AT SURFACE			,						Σ	MAX. DEPTH =	PTH =	7.	E
		PAR	FLL	FLUOR	ChIAM		TRANSMISSOMETER	OMETER		Cleaned air bleed valve	air bleec	1 valve			
POS. TRIP DEPTH	, <u>+</u>		CTD CON	CTD CONVERTED MONITOR VALUES	ONITOR VAI	LUES			S	SAMPLE BOTTLE	TLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUM	BER
										5			*		A.
	PRESSURE		PRI. TEMP	α.	SEC. TEMP	<u>.                                    </u>	SAL	SALINITY		SALINITY		SAL.	NUTR	GH.	P. S.
1 2001	1 275											1		1	
2 200	\ <u>\</u>											$\vdash$	6102	-	
3 150	7 ^												8102		
4 (50	7												2010		
5 751	7						i				   		2016	]	
9	7												2015	>	>.
7 501	<b>\</b>												2014	12	>
8 401	><				.:								2013	2	>
9 30	7					$\dashv$	·						1	)	>
10 20	2											`	2102	>	>
11 16	7.											10	2011	>	>
12 Busched	72						-						2010	>	
													-		

PG 48 OF

	Q.		0	<	5.3			Ε	524	K.	WHIT'S												
PROJECT & LEG MF98-06 MF98-06	STA. NAME/ID	***	STI	80	segcar	CID648	Water For CSS	1	TRANSMISSOMETER Cleaned air ble	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	· ·	+	-	├	1)	<u>                                      </u>	<u> </u>	<u> </u>				_	
	<b>₩</b> H		Z-SG	32ppm							Ē		_			ļ					_		
	BOTTOM DEPTH	1	ದೆ		8						2												
	CLOUD (amt)	١.	381	REMARKS	ID File Name/Header CTD/S						IAS	į											
	WIND OPD OPD OPD OPD	(E)	3	ι α										<u> </u>	<u>                                     </u>	<u>                                     </u>			<u>                                      </u>				
		╅═	4 0348270	DATA LOCATION							SALINITY												
	VISIBILITY DIRN.										SAL			Â									
	PRESSURE SEA STATE										SEC. TEMP SALINITY		<u>                                     </u>			L	<u> </u>	<u> </u> 					
		$\Box$																	,				
	WET BULB	(၁)		ATA L																			
	DRY BULB	(၃)	9																				
	6701	Ш	1		kette										_								
	TIME (GMT)	HR MIN	0145		Tape/Diskette ID													ē					
		YR	9 8																				
	-dr	MO Mo	A Y			1	1		Σ	MON	S					,	:		20			,	
		DAY N							FLUOR	CTD CONVERTED MONITOR VALUES	PRI. TEMP.												
	۵.	O O	<u>×</u>					1															
	UDE	MIN	-	ا	ı	. 1			JPAR		<u>R</u>									٠			
	LONGITUDE	2	0	TIMES	ATA ON	START DOWN	т оертн	T SURFACE			3E												-
	ĭ	DEG	e																				,
VESSEL NOAA Ship MILLER FREEMAN		_	Z	<u> </u>	9Plus 91660 DATA ON	29972 S	1: 889, 2: 701 AT DEPTH	1: 480, 2: 303 AT SURFACE		·	PRESSURE	PRESSO		,	·								Ì
	LATITUDE	z	9								A.								]				
	LATI	MIN	5635.60 N 15600.110W 110M							<u></u>										<u> </u>		<u> </u>	_
Ship A	ÿ <b>*</b>	DEG	8/2/6	СТО	TYPE & SN	S SN	SN	NS C	1	TRIP DEPTH													
VESSEL NOAA SI	CONSC CAST#		248		TYPE	PRESS SN	TEMP SN	COND SN		POS.		4-	2	က	4	5	9	7	ω	G	2	=	12