VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN			PROJECT & LEG MF99-05B	EG ,				STATIO	N DESI	STATION DESIGNATION	7	
							⊒ଧ∩ട	STATE YTIJI8	(jms) (		8:		
CONSC CAST # LA	LATITUDE	LONGITUDE	DATE	=Qr	TIME (GMT)	DRY BULB	WET SE	SEA S	WIND SPD. CLOUI	∃9YT ITA∃W	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG MIN	DAY	MO YR	HR MIN	(၃့)	(°C) (mb)	* * (deg)	* (s/m)		(m)	<u> </u>	
00 1550	80.9 P. 9.7 N	16354.03	03W22MAY	M A Y 9 9	1722	3.4	2.3 153	37345	1 68	8	6	S	F 1 1
CTD	•	TIMES J	JD/TIME	800		Δ	DATA LOCATION		œ	REMARKS	S		
TYPE & SN 9+	9+ S/N 91660	DATA ON			Tape/Diskette ID	tte ID	File Na	File Name/Header	•				
PRESS SN 29	29772	START DOWN											
TEMP SN 88	884/889	AT DEPTH	,			` .							
COND SN 53		AT SURFACE		_ 						MAX. DEPTH	PTH ≖		٤
<u> </u>		PAR 4242	FLUOR 153	Z	Chiam 109	TRANSMIS	TRANSMISSOMETER	Cleaned air bleed valve	air ble	ed valve			
POS. TRIP DEPTH			CTD CONVERTED	ED MÖNITOR VALUES	VALUES			SAMPLE BOTTLE DATA	<u> </u>	SAMP	SAMPLE BOTTLE NUMBER	LE NUN	1BER
	PRESSURE	E PRI. TEMP.	SEC.	C. TEMP.	PRI. SALINITY		SEC. SALINITY	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 33		29								32			
2													
3				,						-			
4													
5													
9				ï						-	-		
7													
8								:					
6													
10			_										
11											-		
12		-											

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN			PRC	PROJECT & LEG MF99-05B	EG				σ	TATION	STATION DESIGNATION	IATION		
CONSC CAST # LA1	LATITUDE	LONGITUDE	JOE	DATE JD=	·	TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATE VISIBILITY	WIND DIRN.	S WIND CLOUD (amt)	эчүт мертнек В о	ВОТТОМ DEPTH	STA. NAME/ID	A. E/ID
DEG	WIN	DEG M	MIN	DAY M	MO YR	HR MIN	(၃)	(0.)	* (qm)	(deg) (n	, (s/m)		(E)		
1 2 5 2 4 4	5.12N	16357	. 54 M	54 W22244	<del>4  </del>	2239	3.8	2.4	1737	3551	<del>10</del>	27	59	T F M	112
СТО		TIMES	JD/TIME		A 6 A			DATA LOCATION	NOI		A.	REMARKS			
TYPE & SN 9+	9+ S/N 91660	DATA ON				Tape/Diskette ID	ite ID	File	File Name/Header	leader					
PRESS SN 297	29772	START DOWN			!										
TEMP SN 884	884/889	АТ DEРТН	i		-							d de meteodorio del delle delle delle			
COND SN 530	530/303	AT SURFACE								1	Ψ	MAX. DEPTH =		56	ε
,		LPAR 4242	7	FLUOR 153	7 Ch/2	ChIAM 109	TRANSME	TRANSMISSOMETER		Cleaned air bleed valve	ir bleed	valve			
POS. TRIP DEPTH	*			CTD CONVERTED	MONITOR VALUES	NALUES			SA	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	BOTTLE	BNOME BNOME	JER JER
	PRESSURE		PRI. TEMP.	* SEC.	TEMP.	PRI. SALINITY	NITY	SEC. SALINITY		SALINITY	S	SAL. NI	NUTR.	CHL.	WHIT'S NUTR.
1	:											33			
2			·									+	_	1	:
3											<u> </u> 	-			
4						,						-			
5						4	-								
9										į				-	
2					٠									_	
80		:												+	
6															
10											<u> </u>			_	
11								i			<u> </u>		_		
12											=		_	1	

i			!						Ξ:					
VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN	Ţ		 MF	PROJECT & LEG MF99-05B	EG				STATIC	ON DESI	STATION DESIGNATION	7	
CONSC CAST# LA	LATITUDE	TONG	LONGITUDE	DATE JO	- Or - Or	TIME (GMT)	DRY BULB	WET PRESSURE BULB	VISIBILITY  O WIND  NO WIND  N	P NEATHER CLOUD (amt) TYPE WEATHER	TYPE MEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY N	MO. YR.	HR MIN	(°C)	(°C) (mt	(deb)	(m/s)	*		$\vdash$	
PØ 35522	2.85 N	16407		4W23 M	<del>M A Y</del> 9 9	6500	1.9	1.31	737315	113	762	6	7 IF	F.1.3
СТБ		TIMES	JD/TIME		RPR		' <b>0</b>	DATA LOCATION	Z		REMARKS	s)		
TYPE & SN 9+	9+ S/N 91660	DATA ON				Tape/Diskette ID	tte ID	File N	File Name/Header				THE RESERVE OF SHEET PROPERTY	
PRESS SN 297	29772	START DOWN	NN N								10 miles	e and the day — Adapting to the designation reserves		a broken descendance of
TEMP SN 884	884/889	АТ ОЕРТН								î				
COND SN 530	530/303	AT SURFACE	   			,					MAX. DEPTH =	:PTH =		Ε
		PAR 4242	1242 CF	FLUOR 153	2 A A		FRANSMIS	TRANSMISSOMETER	Cleane	Cleaned air bleed valve	ed valv	do do		
POS. TRIP DEPTH			СТБ СО	NVERTEC	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE DATA	)TTLE	SAMF	SAMPLE BOTTLE NUMBER	LE NUN	BER
	PRESSURE		PRI. TEMP.	SEC.	SEC. TEMP.	PRI. SALINITY		SEC. SALINITY	SALINITY	>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 93											5			
2	;													
3														
4														
5												4		
9														
7							:							
80														ť
6														,
10														
11														
12				ļ										

CONSTITUTE   CON
--

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN	/		PROJECT & LEG MF99-05B	r & LEG					STATIC	ON DESI	STATION DESIGNATION	7	
			vi			ei		∃ans:	STATE	(tms) O				
CONSC CAST # LA	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET ES			TYPE TABW	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG MIN		MO	YR	HR MIN	(0°)	(°C) (mb)	* * (deg)	* (m/s)	. *	(m)	-	
446563A	4 . 48 N	16059.	83 W	3 W 2 3 M A Y	9 9 2 1	128	6 0	-0.121	38320	6	862	30	K N	982
СТБ		TIMES	JD/TIME	ME APP.	_		D	DATA LOCATION		- <del>-</del>	REMARKS	S		
TYPE & SN 9+	9+ S/N 91660	DATA ON			<u></u>	Tape/Diskette ID		File Na	File Name/Header	<u></u>				:
PRESS SN 29	29772	START DOWN		,										and the second s
TEMP SN 88	884/889	АТ DEРТН		44-						<u>.</u>				000
COND SN 53	530/303	AT SURFACE							[	_	MAX. DEPTH =	PTH =		E
		PAR 4242	7		ChlAM 109		RANSMIS	TRANSMISSOMETER	Cleane	d air ble	Cleaned air bleed valve	0		
POS. TRIP DEPTH		] .	CTD CONVERTED		MONITOR VALUES	LUES			SAMPLE BOTTLE DATA	)TTLE	SAME	SAMPLE BOTTLE NUMBËR	TLE NUA	IBER
	PRESSURE	E PRI. TEMP	IMP.	SEC. TEMP.		PRI. SALINITY		SEC. SALINITY	SALINITY	<b>&gt;</b>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
+		!							Þ		22			
2														
8														
4														
5														
9								į	!					
7							_							
8			i											
6										İ				
10														
11				i		ļ		;			,			
12														

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN			PRO MF9	PROJECT & LEG MF99-05B	EG				STATIO	N DESI	STATION DESIGNATION	z	
				,	73 73		í	SSURE	STATE STBILITY	(3ms) QU E A3HT	ЯЭНТ		,	
	LATITUDE	ONG	JDE	DATE JD=		(GMT)	DRY BULB	WEI BULB	VIS WIND	WIND SPD. CLO	14YT A3W	DEPTH		STA. NAME/ID
DEG	MIN	DEG M	MIN	DAY MO	) YR	HR MIN	(၁.)	(cm) (C*)	(deb) * *	(m/s)	*	(m)		
447563	0.17N	65091	C8 W 2	2	# K 9 9	23 25	٠ ۲	2. \$ 23	3320	238	29	٠	9 K	7 66
СТО		TIMES	JD/TIME	ME APR	L			DATA LOCATION	_	<u>~</u>	REMARKS	S)		
TYPE & SN 9+	9+ S/N 91660	DATA ON				Tape/Diskette ID	tte ID	File N	File Name/Header				ļ	-
PRESS SN 297	29772	START DOWN										as a de servición de la servición de de servición de de		
TEMP SN 884	884/889	АТ DEРТН			1									
COND SN 530	530/303	AT SURFACE	Augen		-			:		≥_	MAX. DEPTH =		63	m
		PAR 4242	7	FLUOR 153	7 ChIA	ChIAM 109	RANSMI	TRANSMISSOMETER	Cleaned air bleed valve	l air ble	ed valve	a)	9	
POS. TRIP DEPTH	÷			CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			SAMPLE BOTTLE DATA	TTLE	SAMF	SAMPLE BOTTLE NUMBER	TLE NUN	1BER
	PRESSURE		PRI, TEMP.	SEC. TEMP.	EMP.	PRI. SALINITY	YLIN	SEC. SALINITY	SALINITY	<u> </u>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
										`	76			
2								:						
3			3			:								
4		W												
2				:										
9					·									
7	ı		-											
ω														
6				-				:						
10						*								
11														
12													-	į

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN			PROJECT & LEG MF99-05B	& LEG		-		STATION D	STATION DESIGNATION	Z	
CONSC CAST#	LATITUDE	LONGITUDE	*	DATE JD=	TIME (GMT)	E DRY	WET	SEA STATE VISIBILITY  O S S S S S S S S S S S S S S S S S S	NEATHER CLOUD (amt) Y S NEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY MO	YR HR MIN	MIN (°C)	(°C) (mb)	(deg)	m/s) *	(m)		
008565	6.83 N	1 ६३ ५९	. 6 bw	9. 60W24MAY	26066	1-4.	0-4.034	47340	2576	7	1	MZE
СТБ		TIMES	JD/TIME	MERAPR	, ,		DATA LOCATION		REM.	REMARKS		
TYPE & SN 9+	9+ S/N 91660	DATA ON			Tape/□	Tape/Diskette ID	File N	File Name/Header	,			
PRESS SN 297	29772	START DOWN	     z									
TEMP SN 884	9	АТ ОЕРТН			4		,					
COND SN 530	530/303	AT SURFACE							MAX	MAX. DEPTH =	99	٤
		PAR 4242		FLUOR 153	ChlAM 109		TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	alve		
POS. TRIP DEPTH			CTD CON	CTD CONVERTED MONITOR VALUES	TOR VALUE	S		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUN	IBER
-	PRESSURE		PRI. TEMP.	SEC. TEMP.	<u> </u>	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL	NUTR.	CHL.	WHIT'S NUTR.
1 65 /			4						18	6030		
2 50/										1029	>	
3 461										1028	7	
4 30 -								,				
5 20 )										1027	\	
6 10 ~										1201	>	
7 0 0										1025	Ś	
8	(80)											
6												
10											-	
11		_			-							
12									_			

VESSEL NOAA R/V MILLER FREEMAN	ER FREEMAN	:		156	PROJECT & LEG MF99-05B	EG				STATIC	ON DESI	STATION DESIGNATION	7	
CONSC CAST#	ATITUDE	)1	LONGITUDE	DATE	- OF 3D	TIME (GMT)	DRY BULB	WET SSURE	SEA STATE VISIBILITY D W	S V V D CLOUD (amt)	MEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	Y MO YR	HR MIN	(°C)	(°C) (mb)	* * (deg)	(m/s)		(m)		
449564	3.82N	9	351.81	1 W 2 4 M	4MAY99	- 1811	- 3.1	- 4. 032	1 t 6 t h	23	29t	3-5		M 2 S
СТР		TIMES	ወና   	JD/TIME	r			DATA LOCATION			REMARKS	KS		
TYPE & SN 94	9+ S/N 91660	DATA ON	z			Tape/Diskette ID	tte ID	File Na	File Name/Header	-		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
PRESS SN 29	29772	START DOWN	NWOO			S							THE RESERVED PROPERTY OF THE P	a de la companya de l
TEMP SN 86	884/889	АТ ОЕРТН	Ŧ		<i>i</i>									
COND SN 5%	530/303	AT SURFACE	FACE								MAX. DEPTH =	= HTG		٤
		/ <u>a</u>	MPAR 4242	VFLUOR 153	$oxed{\sum}$	ChIAM 109	FRANSMI	TRANSMISSOMETER	Cleane	d air ble	Cleaned air bleed valve	ø		
POS. TRIP DEPTH				CTD CONVERTED	RTED MONITOR VALUES	VALUES			SAMPLE BOTTLE DATA	TTLE	SAME	SAMPLE BOTTLE NUMBER	TLE NUN	1BER
	PRESSURE	<u>"</u>	PRI. TEMP.	¥	SEC. TEMP.	PRI. SALINITY	ΝΙΤΥ	SEC. SALINITY	SALINITY	<b>,</b>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 40					,						35	<u> 1801</u>		
2 50 %												1035	7	
3 40.					-							1034	>	
8					,								)	
5 20												1033	2	
01 9		·						*				1032	2	
7 0 "							ļ					1031	7	
80														
6				.				ļ						
10			į		2			ļ						
11				-	ļ			:			ļ			
12				_										

VESSEL NOAA R/V MILLER FREEMAN	ER FREEMAN		g M	PROJECT & LEG MF99-05B	9				STATIO	N DESI	STATION DESIGNATION	7	
CONSC CAST#	LATITUDE	LONGITUDE	DATE	= <b>a</b> ∩	TIME (GMT)	DRY BULB	WET BULB	VISIBILITY VISIBILITY  VISIBILITY  VISIBILITY  VISIBILITY  VISIBILITY	NEATHER WEATHER	ABHTABW	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG   MIN	DAY	MO YR	HR MIN	(°C)	(°C) (mb)	* * (deg)	(m/s)	*	(m)		
4145645	15.98N	16419.3	OW24 MAY	WA 7 9 9	-9011	3 . 5 -	3.532	47322	107	107	46		M 2 W
СТБ		TIMES	JD/TIME	APA		DAT.	DATA LOCATION	2	<u>œ</u>	REMARKS	S)		
TYPE & SN 9	9+ S/N 91660	DATA ON			Tape/Diskette ID	Ω	File N	File Name/Header					
PRESS SN 2	29772	START DOWN	-										
TEMP SN 8	884/889	АТ DEРТН		·						Max	3	4 69	e applies was septimary 147 m cu
COND SN 5	530/303	AT SURFACE								MAX. DEPTH =	:PTH =		٤
<u> </u>		PAR 4242	FLUOR 153	53 ChIAM 109		TRANSMISSOMETER	METER	Cleane	Cleaned air bleed valve	ed valve	<b>a</b>		
POS. TRIP DEPTH		CID	CONVERTI	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE DATA	)TTLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUN	BER
	PRESSURE	E PRI. TEMP.	100	SEC. TEMP.	PRI. SALINITY		SEC. SALINITY	SALINITY	· >	SAL.	NUTR.	CHL.	WHIT'S NUTR.
7										24	2401		
2 50,			-								1001	\	
3 40											0,00	\	
4 30.											\	\	
5 20								,			1039	>	
6 6						-					1038	\	
7						'					10377	>	
8						_							
6			-								<del>  </del>		
10													
11													
12			_			_	;						

		ļ													
VESSEL NOAA RV MILLER FREEMAN	R FREEMAN			PROJECT MF99-05B	PROJECT & LEG MF99-05B		· .				STATIO	N DESK	STATION DESIGNATION	7	
						·			STATS	פורודץ	(smt) (PER				
CONSC CAST # LAT	LATITUDE	lo Lo	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	<b>Y</b> BS	WIND	SPD.CLOU		BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN		YR	HR MIN	(°C)	П	, (dm)	(deg)	(m/s) *	*	(m)	H	
011564	6.75 N	। ७ प	1 H. 98	98 W2 4 MAY	6 6	1601	– 3ੰ. ਮ	-3.6	364	7317	72	7 t t	76	3	2 A
CTD		TIMES	<b>a</b>	JD/TIME APP			<u> </u>	DATA LOCATION	NOL		<u>«</u>	REMARKS	S		
TYPE & SN 9+	9+ S/N 91660	DATA ON			<u> </u>	Tape/Diskette ID	tte ID	ij	File Name/Header	Header	1			**************************************	
PRESS SN 297	29772	START DOWN	NWC			÷									
TEMP SN 884	884/889	АТ ОЕРТН	<b>-</b>									3	68m w/0		
COND SN 530	530/303	AT SURFACE	\CE						'			MAX. DEPTH =	PTH =		ш
		PAR 4242	4242	FLUOR 153 6	ChIAM 109		FRANSMIS	TRANSMISSOMETER		Cleaned	Cleaned air bleed valve	ed valve	40		
POS. TRIP DEPTH			CTDC	CTD CONVERTED MONITOR VALUES	NITOR )	VALUES			S)	SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	ILE NUN	IBER
	PRESSURE	,	PRI. TEMP.	SEC. TEMP.	MP.	PRI. SALINITY		SEC. SALINITY	<u></u>	SALINITY		SAL	NUTR.	CHL.	WHIT'S NUTR.
1 74												وِ			
2			i								**				
3				:							1				
4		-				:							(2)		
5															
9															
2 2															
8															
6															
10								:							
11						:		ļ							
12									-					-	

CONSC CAST # LATITUDE DEG MIN G 1 2 5 6 5 2 . 5 3 CTD TYPE & SN 9+ S/N 91660 PRESS SN 29772	Z			1 2, 137	b				()1		-		
CTD CTD PE & SN ESS SN	Z	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	SEESSURE SEA STATI VISIBILITY O S	W WIND (sn CLOUD (sn YPPE WEATHER	яэнт <u>дэ</u> м В В	ВОТТОМ	STA. NAME/ID	
CTD CTD PE&SN ESS SN	Z	MIN	DAY MO	ΥR	HR MIN	(°C)	(°C) (mb)	(deg)	(m/s) *		(m)		
' ' '		03.8	8 W2 4 **	6 6 4	1729	-3.0	-3.132	น <del>1</del> 3 1 e	195	1 8	73	d i	M 2
			JD/TIME APR	<b>√</b> .		3	DATA LOCATION	7	RE	REMARKS			
	STAF	NO A		,	Tape/Diskette ID	tte ID	File N	File Name/Header	-	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		:	,
	- <del>-</del>	START DOWN		,							-	9	-
TEMP SN 884/889	<u> </u>	АТ ОЕРТН										66 w/2	4
COND SN 530/303	AT S	AT SURFACE							ΜĀ	MAX. DEPTH	Щ	<b>6</b> 4∃	_
		PAR 4242	FLUOR 153	ChIAM 109		TRANSMIS	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	valve			
POS. TRIP DEPTH	<u> </u>    - 	CTD	CTD CONVERTED N	MONITOR VALUES	VALUES		i i	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	SOTTLE	NUMBE	<u>«</u>
₽ PR	PRESSURE	PRI. TEMP.	SEC. T	TEMP.	PRI. SALINITY	\	SEC. SALINITY	SALINITY		SAL. NUTR.	R. CHL		WHIT'S NUTR.
_										Ы			
2													
8		:					i						
4										_		-	
5						-							
9													
2	:						·						
8													
6								Ì					
10										1			
11										1		-	
12								i,				-	

	STA. NAME/ID		65 M2			e ane ann une e e propedie e e devold esple color		Ε		UMBER	WHIT'S NUTR.		:			,							
z			س			11.00		60		TLE N	CHL	, ,	``	3		>	>	>	>	>			
IGNATIO	BOTTOM DEPTH	(m)	+	KS	debet of the second	Annual III		EPTH =	ą.	SAMPLE BOTTLE NUMBER	NUTR.	1048	1957	1046	\	1045	\	1	500)	1040			
STATION DESIGNATION	CLOUD (amt) TYPE WEATHER	*	488	REMARKS			To be the second	MAX. DEPTH =	Cleaned air bleed valve		SAL.	I											
STAT	N. WIND SPD. CLOUD (amt)		015			١			ned air b	BOTTLE TA	≻LIZ												
	VISIBILITY VIND OINT	(geb)	7360		ə/Headeı			7	/ Clea	SAMPLE BOTTLE DATA	SALINITY												
	PRESSURE SEA STATE	* (dm)	304	ATION	File Name/Header				~		∑TIN	-											
	WET	(၃၀)	0.0	DATA LOCATION	ш,		MK.		SOMETER		SEC. SALINITY												
	DRY BULB	(°C)	9	0	te ID	-			TRANSMISSOMETER												-		
, (D	TIME (GMT)	HR MIN	644	,	Tape/Diskette ID					ALUES	PRI. SALINITY	*		ħ,		,							
ROJECT & LEG IF99-05B		YR F	0 6 6		<u>"</u>	*			ChiAM 109	NITOR V	<u>1</u> آ			4						-	-		-
PROJECT MF99-05B		MO	4 W 25 W 4	8					153	CTD CONVERTED MONITOR VALUES	SEC. TEMP.							,					
	DAT	DAY	W 25	JD/TIME			,		FLUOR 153	CONVER	Ð			,50			,						ļ
,	rude	MIN	5	5	l	, , , , , , , , , , , , , , , , , , ,		, ,,,	42	CID	PRI. TEMP.												
,	LONGITUDE		463	S	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR 4242	1	A. B.											<del></del>	
Z		DEG	N ) 6 4	TIMES		STAI	ATE	ATS	  7		). URE									*			
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	MIN	- 5 1		9+ S/N 91660	72.	889	303			PRESSURE							1					
MILLER	LAT	DEG M	5 652	(		N 29772		530/303		TRIP DEPTH		70	50	040	8	20	0	0	G	0			1
VESSEL NOAA R/V	CONSC CAST #	<u>0</u>	¢ 135	СТБ	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS. T		1	2	ر ع	4	5	9	7	80	<b>o</b>	10	1	

VESSEL NOAA R/V MIL	VESSEL NOAA R/V MILLER FREEMAN			9	PROJECT & LEG MF99-05B	EG		<u>.</u>		STATIC	ON DESI	STATION DESIGNATION	7	
			300		1				STATE YTILE	(Jms) (				<u>-</u>
CONSC CAST #	LATITUDE	LONGITUDE	UDE	DATE	<b>-</b> 00	TIME (GMT)	DRY BULB	WET	PRES VISIE DIRN.		TYPE TABW	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG N	MIN	DAY	MO YR	HR MIN	(၁့)	(°C)	*	(m/s)		(m)		
01 45700	0 0 0 N	21791	6	4 W 2 5 MAY	M A Y 9 9	0902	0	-0.530	047295	158	882	1	_	M 2 N
CTD		TIMES	Uar	JD/TIME	40.6			DATA LOCATION	Z		REMARKS	S)		
TYPE & SN	9+ S/N 91660	DATA ON				Tape/Diskette ID	tte ID	File	File Name/Header	<del>- } '</del>	d	Rosatte Failed	arled	1
PRESS SN	29772	START DOWN	  -							<u>.</u>		e de de la les de la constitución de la constitució	-	a consumeration of the
TEMP SN	884/889	АТ DEРТН		4							Max	Max wire a	at at	Ę
COND SN	530/303	AT SURFACE							.		MAX. DEPTH =	:PTH =	65	E
		PAR 4242	<u> </u>	FLUOR 153	153 ChIAM 109		TRANSMI	TRANSMISSOMETER	Cleane	d air ble	Cleaned air bleed valve	o.		
POS. TRIP DEPTH			CIDCO	ONVERT	CTD CONVERTED MONITOR VALUES	3 VALUES			SAMPLE BOTTLE DATA	TTLE	SAMF	SAMPLE BOTTLE NUMBER	ILE NUN	1BER
	S S H A A		PRI TEMP.	<u> </u>	SEC, TEMP.	PRI SALINITY	) L	SEC, SALINITY	SALINITY	>-	SAL.	NUTR.	CHL	WHIT'S NUTR.
1 70		-		_							17	1054		
2 50											4	580)	//	
3 40												1050	K	
4 30													<b>→</b>	
5 20												1021	(3)	
01 9												1050	/	
7 0												/6h a/	/	
80				,										
6							·					300		
10		:	٠			_								
11														
12														

10001			Cr - e FOTI COG	(L - 0 L)		ž	-		ŀ	1			
NOAA R/V MILLER FREEMAN	7		MF99-05B	7. % LEG				,	<u> </u>	NOIN DE	STATION DESIGNATION		
CONSC CAST # LATITUDE	07	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY	WIND WIN	MEATHER	ВОТТОМ		STA. NAME/ID
DEG MIN	DEG	MIN	DAY MO	YR H	HR MIN	(°C)	π) (C) (m	*	(deg) (m/	3) * (5	, ,	L	
0155766.96N	1 C 4	1 2 6 1	61WZ5MAY	9 9 1	5 0 2	0.1	-0.53	30472	2951	5882	7	1	MZW
СТО	TIMES	/Qr	JD/TIME	<u>-</u>	,		DATA LOCATION	Z		REMARKS	RKS		
TYPE & SN 9+ S/N 91660	DATA ON				Tape/Diskette ID	) Q	File	File Name/Header	der	1	The second secon	THE REAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF	A see and a see a see and a
PRESS SN 29772	START DOWN	NWO											
TEMP SN 884/889	АТ ОЕРТН	I								Max	Max WYSCH		H
COND SN 530/303	AT SURFACE	ACE								MAX. [	MAX. DEPTH =	65	ш
2	PAR 4242	R 4242	FLUOR 153	ChIAM 109		ANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	bleed val			
POS. TRIP DEPTH	]	CTD CC	CTĎ CONVERTED MONITOR VALUES	VITOR VA	ALUES			SAMP	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUN	1BER
PRESSURE	JRE	PRI. TEMP.	SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
65,										7	1054		
2 (20 ;	,					v					1053	/	
3 40 .					, ,						1052	\ -	
4 36 ,											-	)	
5 20 .				<u>.</u>							1051	)	
* '01' 9							,				1050	1	
7 0 1				_	,						1049	Ņ	
8		:					٠						
6											`		
10									ŀ				
11	i												
12	,												.

VESSEL NOAA BAY MILLER ERFEMAN	R FREE MAN			α. Σ	PROJECT & LEG	EG			,		STATIC	N DESI	STATION DESIGNATION	_	
		E					-		31		(tu				
		>							ATS		ie) (]				
CAST # LA	LATITUDE	LONGITUDE	TUDE	DATE ,	JD=	TIME (GMT)	DRY BULB	WET	SBR9 SEA	VIND DIRN.	SP CLOU	TYPE TA3W	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(°C)	(°C)	(mb) *	* (deg)	* (s/m)	. *	(m)		
016572	24.41N	16324	5	6 W 25 MAY	6 6 <b>****</b>	0161	0	10 3	262	7294	10	88 2	53	H	¥ 1¢
СТБ		TIMES	T/QL	JD/TIME	APR		_	DATA LOCATION	NO!		<u> </u>	REMARKS	S)		
TYPE & SN 9+	9+ S/N 91660	DATA ON				Tape/Diskette ID	tte ID	FIR	Name	File Name/Header				:	
PRESS SN 29	29772	START DOWN	z z										!		
TEMP SN 88	884/889	АТ DEРТН										enter to the the statement of			
COND SN 53(	530/303	AT SURFACE	ا س						'	1	_ <	MAX. DEPTH	PTH=		Ε
[		PAR 4242	<u> </u>	FLUOR 153	7	ChIAM 109	FRANSMI	TRANSMISSOMETER		Cleane	d air ble	Cleaned air bleed valve			
POS. TRIP DEPTH				CTD CONVERTED	ED MONITOR	MONITOR VALUES			ν 	SAMPLE BOTTLE DATA	TTLE	SAMF	SAMPLE BOTTLE NUMBER	TLE NUN	/BER
			( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )			2			}	VENI IVO	>	-	Q E	Ī	WHIT'S
	PKESSOKE	+	דאו. ובואד.	) 0 1	C. ICIMIT.	TNI. OAFIINI I		פבס. פשרוואון ז	-		1	5	2	i	
-							$\dagger$		-		†	÷			
2															
3		_							-		1				
4								-							
. 2									$\dashv$						
9									$\dashv$						
7	,								_						
8															
6	,								_						
10									_						
11			}						_						,
12					ļ		,								

	1	*.						
VESSEL NOAA R/V MILLER FREEMAN		PROJECT & LEG MF99-05B	5		SIAI	STATION DESIGNATION	GNATION	
CONSC CAST # LATITUDE	LONGITUDE	DATE JD=	TIME DRY (GMT) BULB	WET WET BULB	SEA STATE VISIBILITY  Q & N.S. S.	S S S S S S S S S S S S S S S S S S S	ВОТТОМ	STA. NAME/ID
DEG	DEG MIN	DAY MO YR	HR MIN (°C)	(°C) (mb)	* * (deg)	*	(m)	
017 56 12 - 55 N	16630.31	SI WOLMAY 99	,2 FE990	1.629	10 475 02	298	15)	M3N
стр	TIMES JD/	JD/TIME APP.		DATA LOCATION		REMARKS	S	
TYPE & SN 9+ S/N 91660	DATA ON		Tape/Diskette ID	File Na	File Name/Header	953	CID @ NORTH SIDE	HSIDE
PRESS SN 29772 S	START DOWN	!	,	620	F100	0F M3	33	9
TEMP SN 884/889	АТ DEРТН							
COND SN 530/303 A	AT SURFACE					MAX. DEPTH =	PTH = \\	E 0
	VPAR 4242	FLUOR 153 CHIAN	CHIAM 109 TRANS	TRANSMISSOMETER	Cleaned air bleed valve	oleed valve		010801
POS. TRIP DEPTH		<u>7≥</u>	VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	NUMBER
PRESSO	PRI TEMP	SEC. TEMP.	FRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR. CI	WHIT'S CHL. NUTR.
1 @ Septh	. [	1 1				30	1001	
2 1		2.5					0 20	
_		37	-1				059	
							1058	
5 30	•	-					>	
000	-						1057.	
7							1056	
8	TQ.						, 550	
6		,						
10	,							
11			N. v.d.					-
12								

	STA. NAME/ID		M 3E		و			Ε		MBER	WHIT's NUTR.												
z			60		10			101		ILE NU	CHL.				\	)	)	)	7				
SNATIO	BOTTOM DEPTH	(m)	1.0	Ø	CID @ CID	SA MB		PTH =	-	SAMPLE BOTTLE NUMBER	NUTR.	1008	690	9901	590	-	h90)	1()(3	(062				
STATION DESIGNATION	WEATHER		2 88	REMARKS	975	10	<i>y</i>	MAX. DEPTH =	Cleaned air bleed valve	SAMP	SAL.	0	,		)								
STATIC	CLOUD (amt)		10		950				d air ble	TTLE	<u></u> ≻												
	WIND DIRN.	(deg)	1.38		eader	04			Cleane	SAMPLE BOTTLE DATA	SALINITY					,							
	PRESSURE SEA STATE VISIBILITY	* (q	39160	Z	File Name/Header	613018				SAN													
		트	0	DATA LOCATION	File	e			TER		SEC. SALINITY												
	WET BÙLB	(၃)		DATAL					ISSOME		SEC. 9												
	DRY BULB	(၃)	7		tte ID		0		TRANSMISSOMETER		 ≻LIN												
, ,	TIME (GMT)	NIM N	085		Tape/Diskette ID	,				LUES	PRI. SALINITY								-				ĺ
& LEG		YR HR	6 6						ChIAM 109	TOR VA				_									<del></del>
PROJECT & LEG MF99-05B	9\\=0f	MO	and the same and the same and	8	· · .		ō.		33	MOM G	SEC. TEMP.									:			I
0. ≥	10.1	DAY	~~		;				V FLUOR 153	CTĎ CONVERTED MONITOR VALUES	SEC												
	Э	_	MOH.	JD/T!ME			,		7	OTO CTO CO CTO	MP.												
	LONGITUDE	MIM	9		7	NMOC	Ξ	-ACE	) PAR 4242		PRI. TEMP.												
	רכ	DEG	9	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	V V														
EMAN	ш		Z	•							PRESSURE												
VESSEL NOAA R/V MILLER FREEMAN	LATITUDE	NIM	0		9+ S/N 91660	29772	884/889	530/303															
SVV MILL		DEG	8 5	CTD				•		TRIP DEPTH		Soft A	20	5.0	40	30	20	0	0				
VESSEL NOAA R	CONSC CAST#		018	<u> </u>	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		-	2	3	4	ಬ	9	7	80	<u>б</u>	10	11	12

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF99-05B	EG			ATION DES	STATION DESIGNATION	
	LONGITUDE	DATE JD=	TIME DRY (GMT) BULB	WET WET BULB	SEA STATE VISIBILITY DIRN. SPR. SPR.	WEATHER SPD (am TYPE '	ВОТТОМ DEPTH	STA. NAME/ID
DEG	G MIN		HR MIN (°C)	() <sub>e</sub> )	(deg)	* ° (S	(m)	
2 Z	6609	SW DW A K 9 9	1103 4.	3 6.038	1361	900	961	M35
TIMES		JD/TIME TO A		DATA LOCATION		REMARKS	KS	
DAT	DATA ON		Tape/Diskette ID	File Nar	File Name/Header	5	10 Grace to vide	So vide
ST/	START DOWN			CTDO	610	6	Step 3	
ΑŢ	AT DEPTH					)		P11 0/3
A	AT SURFACE					MAX. D	MAX. DEPTH = 1	m Je
	PAR 4242	FLUOR 153 Chia		TRANSMISSOMETER	Cleaned air bleed valve	eec	,e	
]	CTD	CTD CONVERTED MONITOR VALUES	VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	E NUMBER
PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL	NUTR.	WHIT'S CHL. NUTR.
						10	1075	
				e::			1001	
1							570	
							1072	`
		,	į		-		\	>
							٧ (٢٥)	
1							, 0701	
		,					1069 V	
				-				
						<u> </u>		

			2				-									
VESSEL NOAA RA	VESSEL NOAA R/V MILLER FREEMAN	EMAN			PROJECT MF99-05B	PROJECT & LEG MF99-05B	້ ອູ			*		STATI	ON DES	STATION DESIGNATION	<u>z</u>	
						3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				∃AU8 ∃TAT8	ALITIS	(amt)			ZM	٠,
CONSC CAST #	LATITUDE	111	LONGITUDE		DATE JD=	A	TIME (GMT)	DRY BULB	WET	SSBA9 SEAS	VISIE DIRN.		CLOUD TYPE TABM	BOTTOM		STA. NAME/ID
	DEG MIN	-	DEG MIN		DAY MO	YR	HR MIN	(°C)	(°C)	* (dm)	(deg)		. *		H	
4 2	<b>♦</b> 5683.	20N	1 6 6 1 9 . 2	2 2 W 2 6	AP	R 9 9	1 2 42	3 . 1	11.52	2 7 1	8013	10	7 t8	2 1	3	. M3
СТБ		<u> </u>	TIMES	JD/TIME	ME.				DATA LOCATION	NO		3	REMARKS	KS		·
TYPE & SN	SN 9+ S/N 91660		DATA ON				Tape/Diskette ID	tte ID	File	Name	File Name/Header				:	
PRESS SN	N 29772	S	START DOWN				-									
TEMP SN	884/889	~ <b>X</b>	AT DEPTH	*		!							max 6/	9	1.00	
COND SN	N 530/303	_∢_	AT SURFACE							,			MAX. DEPTH =	EPTH =	119	ш
			- FAR 4242	7	FLUOR 153	ChIAM 109		RANSMI	TRANSMISSOMETER		Cleane	d air bl	Cleaned air bleed valve	ą		
POS.	TRIP DEPTH		5   	D CON	CTD CONVERTED MC	ONITOR	MONITOR VALUES			S	SAMPLE BOTTLE DATA	эттсе	SAMI	SAMPLE BOTTLE NUMBER	TLE NUN	1BER
	<u>a</u>	PRESSURE	PRITEMP	۵	SFC, TF	TEMP	PRI SALINITY		SEC. SALINITY	<u> </u>	SALINITY	<b>&gt;</b>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
-	bottom.												5	2821		
2	45.													1801		
	50 .													1080	/	
4	구 우													1079	``	
rs F	FO.														>	
9	. J	ļ					:							1078	>	
7	(0.												1	770		
80	0													02	>	,
6			4								į					
10																
11	,															
12				$\exists$		-				-						

	STA. NAME/ID		m3W				The second secon	Ε		/BER	WHIT'S NUTR.												
							127	128		LE NUN	CHL.			)	,		2	2	>				
STATION DESIGNATION	BOTTOM	Έ)	132	<b>40</b>		Ī	03	31		SAMPLE BOTTLE NUMBER	NUTR.	204	083	6801	- 0%C		580)	1084	530				
DESIG	99Y УЕАТНЕ <i>В</i> Ф	1.	7 t	REMARKS			X	MAX. DEPTH	Cleaned air bleed valve	SAMPL	SAL: N	7	******		1					_	+		
NO.	(Jms) QUOJ:	) <u>*</u>	ν <sub>O</sub>	낊			Š	Σ¥	oleed		σ				_			_	<u> </u>	_	<del> </del>		$\dashv$
STAT	VINS) QUOJ:		1			1			d air k	OTTLE						ŀ							
	WIND	(deg)	120		File Name/Header				Cleane	SAMPLE BOTTLE DATA	SALINITY								ļ				
	VISIBILITY	1	ュ		³/He		- 1	[		SAM							- }		Ì	ļ			
	ЭЯUSSЭЯ ЭТАТS AЭS	1	58	z	lam							_			-							十	٦
	30115530	1 (ê		OLL	<u>e</u>		1				<u>}</u>											-	
	<u> </u>	بر ا	0	CA	ΙŒ	!	ļ		TER	}	A P												
	WET	ျှင်	0	DATA LOCATION					TRANSMISSOMETER	Ą	SEC. SALINITY											-	
1				DAT					SS		SE									- 1			
	≿. º		9	-	_				ISMI		<u></u>		-					Н					
-	DRY BILD		_		te IC				R A	}	\												-
	***	1	M	l	sket	•	1		╬	1	ALII			1		,				١	1	1	
1	TIME	(GIWIT) HR MIN	0	٠,	Tape/Diskette ID				Ī	UES	PRI. SALINITY								,				
ြ		흰뚶	S		Гаре		- 1		108	\A				1							]	1	
PROJECT & LEG MF99-05B		\ \ \	+						ChIAM 109	CTD CONVERTED MONITOR VALUES													
SSB SSB	* i *	ŕ	8					•	塔		SEC. TEMP.											Ì	
ROJECT F99-05B	)  S	2 S	4		1				53	Ž													
7 ₹			4						7 15	RTE	SEC											Ì	
		DAY DAY	29 W 26	N N					ZFLUOR 1	<u> </u>													_
			3	JD/TIME					꾥														
		_   _	12	_ ا	•				٣		PRI TEMP												
						z		u t	242									1					ļ
		LONGITUDE	3 4		***	START DOWN	Ξ	AT SURFACE	WPAR 4242		g 2												
				1	DATA ON	RI	АТ ОЕРТН	ÜR	X4	1		_	_	-	_	-	-	$\bot$	<u>                                      </u>				
		ר ה ה	1 6 6	TIMES	)AT,	STAI	AT C	AT S	12	4	<u>u</u>	,							١.			1	
z		$\top$	z			<u> </u>	Ì	$\overline{}$	T	1	38118533G	$\left  \frac{1}{2} \right $											
MA A		٦	7		999						l ñ	<u> </u>											
<u> </u>		LATITUDE	2 00		9+ S/N 91660		83	03				-											
H RH		ATIT	75 W	-	l S	29772	884/889	530/303				<u> </u>	<u> </u>	1 4	1 -	<u> </u>		· /	3	<u> </u>	-		
				-	•	ΙŌ	Ι.∞	1 ro	J	TRIP DEPTH		η.	0 7	50	2	30	22	1 1					
		ט ט	3 6	- E	SS	SS	Z,	S	ı	TRIP		200	1	5	=	C	14						
VESSEL NOAA RV MILLER FREEMAN	CONSC	£ LST	4	1	TYPE & SN	PRESS SN	TEMP SN	COND SN	!	I		+	+,	1 c	4	LC.	9 6	, ,		6	2	1	12
VE.	8 8	<u>გ</u>	-4	-	<u></u>	<u>_</u>	<u> </u>	<u>8</u>		Pos		Ĺ	1	<u>\</u>									

		23								8		
VESSEL NOAA R/V MILLER FREEMAN	REEMAN			PROJECT & LEG MF99-05B	& LEG				STATION DESIGNATION	ESIGNAT	z O	431
	,				:		38U8	STATE YTIJIS	(amt)	НЕВ		
CONSC CAST # LAT	LATITUDE	LONGITUDE	.ude	DATE JD= \\(\(\(\(\)\)	TIME (GMT)	DRY BULB	WET BULB	SEA S VISIE DIRN.	N WIND CLOUE	BOTTOM V DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN		YR HR MIN	(0°)	(°C) (mb)	, (deg)				
0225610	0 . G 3	16930	. 18 Was A	36APR9	4 4 E C 6	3.	0.919	88115	2567	2 641	-+	
CTD		TIMES	JD/TIME	ME		_	DATA LOCATION		REM	REMARKS		
TYPE & SN 9+ S	9+ S/N 91660	DATA ON			Tape/Diskette ID	ette ID	File Na	File Name/Header	CTD	3	-3886-7 B	7-5
PRESS SN 29772		START DOWN	-				27	CEOUTS				
TEMP SN 884/	884/889	АТ ОЕРТН	<b>3</b> 4							25/0m	9	
COND SN 530/	530/303	AT SURFACE						[	MAX	MAX. DEPTH =	505	Ε
		PAR 4242		FLUOR 153 C	ChIAM 109	TRANSMI	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	ralve		
POS. TRIP DEPTH			CTD CO	CTD CONVERTED MONITOR VALUES	OR VALUES			SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE NI	JMBER
	PRESSURE		PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	≻TINI	SEC. SALINITY	SALINITY	SAL.	L. NUTR.	OH.	WHIT'S NUTR.
-				. =					CC			
2				=				<b>a</b>		_		
8												
4												
5				***				į			$\frac{1}{1}$	
9												,
2												
8				=								
6				_								
10			٠						<u> </u>	-		
11									<u> </u> 	-	1	
12												

VESSEL NOAA R/V MILLER FREEMAN	FREEMAN			PROJECT & LEG MF99-05B	& LEG					S	FATION DI	STATION DESIGNATION	NO	
CONSC	ATITUDE	HO! ITIONO :		ATE .ID=	· · · · · ·	TIME (GMT)	DRY BULB	WET	SEESSURE SEA STATE VISIBILITY	WIND DIRN.	STOUD (smt)	желтнея Воттом ОЕРТН		STA. NAME/ID
DEG		DEG MIN		-	YR HR	NIM	(O <sub>2</sub> )	1	(mb)			$\perp$	-	
5	. 23 N	16851.8	7	APR	9 9 1	335	. 60	<u>.</u>	8 3 8	112	7387	7	43	щW
СТБ		TIMES	JD/TIME	· Ш	d.	,		DATA LOCATION	NO		REMARKS	\RKS		
TYPE & SN 9+S/	9+ S/N 91660	DATA ON			Тар	Tape/Diskette ID	te ID	File	File Name/Header	eader				ment of the second of the second of the second
PRESS SN 29772	;	START DOWN				8								
TEMP SN 884/889	0	АТ ОЕРТН											5	The state of the s
•		AT SURFACE									MAX.	MAX. DEPTH =	67	m,
		V PAR 4242	FLU	FLUOR 153	CHIAM 109		RANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	ir bleed v	alve		
POS. TRIP DEPTH		5	D CON	CTD CONVERTED MONITOR VALUES	TOR VAI	LUES			SAN	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE N	MBER
	PRESSI	PRI TEMP	<u>a</u>	SEC. TEMP.		PRI. SALINITY		SEC. SALINITY		SALINITY	SAL.	. NUTR.	몽	WHIT'S NUTR.
- 20		-									42	2055		
2 000												205	>	
3 40.												2053	N	
4 30,												)	>	
												2052	> ~	
Ó 9												2051	2	
7						:					<u> </u>   	2050		
8													_	
6				:					_				$\downarrow$	
10	:						į		-				_	
11				1							1	1	_	
12					·		_		_	į	=	_		_ _

VESSEL NOAA RV MILLER FREEMAN	R FREEMAN				PROJECT & LEG MF99-05B	EG					STATIOI	V DESIG	STATION DESIGNATION		
						4			<b>BTATS</b>	YTIJIS	(lms) O		!		
CONSC CAST # LA	LATITUDE	ō,	LONGITUDE	DATE	- <u>-</u> 0ſ	TIME (GMT)	DRY BULB	WET BULB	SEA	WIND DIRN.	WIND CLOS	JAYT TAJW	воттом рертн	STA. NAME/ID	A. E/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(°C)	(0,0)	(mb)	(bep)	* (s/m)	*	(m)		
02.45834	N L H · H	8	16830.66 Wa7 AP	Wan	A P R 9 9	2358	0	0	-	8 5 5	\ (3)	7 7	0	11	2 A
CTD	:	TIMES	JD.	JD/TIME				DATA LOCATION	NOI		€	REMARKS	·		
TYPE & SN 9+	9+ S/N 91660	DATA ON				Tape/Diskette ID	ette ID	Ě	File Name/Header	Header	O <sub>i</sub>	CIDO	l l	AC-7180-7	5
PRESS SN 29	29772	START DOWN	NWO			,									the state and designation
TEMP SN 88	884/889	АТ ОЕРТН	: :: ::		i e i	٠. :									
COND SN 53	530/303	AT SURFACE	ACE							[	Σ	MAX. DEPTH =	7TH =		E
		PAR 4242		FLUOR 153	<u> </u>	ChIAM 109	TRANSMI	TRANSMISSOMETER		Cleaned air bleed valve	air blee	d valve		:	
POS. TRIP DEPTH		<u>]</u>		CTD CONVERTED		MONITOR VALUES			S	SAMPLE BOTTLE DATA	TLE	SAMPL	SAMPLE BOTTLE NUMBER	E NUMB	ER
d)	HAII ISSHAG	щ	PRI TEMP	, S.	SEC TEMP	PRI SALINITY	) LIN	SEC. SALINITY	<u> </u>	SALINITY	<u>                                     </u>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
77 ()		   !		 								б	2000	7	
-				<u> </u>							-		2059	7	
-			,										1	7	
4													2058		
5 10				_	1							2	2050		
9											1		2026	7	
7 7			3		1						+	-		1	
8								į			_			-	
6									+		1				
10				-							+				
11									+						
12				_											

VESSEL NOAA R/V MILLER FREEMAN	REEMAN			PROJECT & LEG MF99-05B	LEG				S	ration	DESIG	STATION DESIGNATION		
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE YTIJIBIEIV	WIND DIRN.	WEATHER WEATHER	aчү। ЖЕАТНЕЯ © Л	ВОТТОМ DEPTH	ST	STA. NAME/ID
DEG	MIN	DEG MIN		DAY MO YR	HR MIN	(၁.)	(°C)	* * (dm)	(deg) (π	, (s/t	*	(m)		
0255250	0 . 6 ON	16852.3	3 %	33 W 28 A P R 9 9	64843	1.5	1.017	728	142	00	7 2	73		BS4
СТБ		TIMES	JD/TIME		5		DATA LOCATION	NO		<u> </u>	REMARKS			
TYPE & SN 9+	9+ S/N 91660	DATA ON			Tape/Diskette ID	tte ID	File	File Name/Header	leader	-				
PRESS SN 29772		START DOWN			,	-				ļ		-	1	
TEMP SN 884	6	АТ ОЕРТН				1			ļ			to any section of the	and the second	 
COND SN 530	530/303	AT SURFACE							1	ΔM	MAX. DEPTH =	TH =		E
<u> </u>		<b>1</b> PAR 4242	FLU	FLUOR 153 Chi	ChIAM 109	FRANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	ir bleed	valve			
POS. TRIP DEPTH			CONV	CTD CONVERTED MONITO	MONITOR VALUES			S W	SAMPLE BOTTLE DATA		SAMPL	SAMPLE BOTTLE NUMBER	E NUM	BER
	PRESSURE	E PRI. TEMP.	0.	SEC. TEMP.	PRI. SALINITY	YTIN	SEC. SALINITY	<b>&gt;</b>	SALINITY	<i>σ</i>	SAL. N	NUTR.	CHL.	WHIT'S NUTR.
1 68.		`						$\dashv$		_	2			
2		:				·					$\dashv$			
3								-						
4		,												
5													-	
9														
7						,								
∞														
o								$\dashv$		<u> </u>	-			
10										-	$\dashv$			
11								_			_			
12								-		=				

VESSEL NOAA R/V MILLER FREEMAN	EMAN		PROJECT & LEG MF99-05B	LEG				STAT	ION DES	STATION DESIGNATION	-	
OONSC SUIFFA		PONC	T C	TIME	DRY BIII B	× = = = = = = = = = = = = = = = = = = =	SEA STATE VISIBILITY  SEA STATE VISIBILITY  SEA STATE VISIBILITY	S S S S S S S S S S S S S S S S S S S	YPE YEATHER	BOTTOM	STA.	
DEG		DEG   MIN	DAY MO YR	丰	(S)	ᄩ	*		1 *		$\perp$	
23	92N	<b>~</b>	4 W 2 & A P R 9	h 1 t 1 6	4. A	2.9	2820	3	872		156	63
СТБ	MIT	TIMES JD	JD/TIME	V 108	2 2 24	DATA LOCATION	z		REMARKS	KS		
TYPE & SN 9+ S/N 91660		DATA ON		Tape/Diskette ID	te ID	File N	File Name/Header		SG3	i)		
PRESS SN 29772	ST/	START DOWN							e et e en e		A PART HERE	-
TEMP SN 884/889	AT	АТ DEРТН						ļ	Max Yo	40	8	]
COND SN 530/303	AT	AT SURFACE		,					MAX. DEPTH	EPTH =	99	Ε
		<b>7</b> PAR 4242	FLUOR 153 Chi	ChiAM 109	RANSMIS	TRANSMISSOMETER	Clear	ned air b	Cleaned air bleed valve	e,		
POS. TRIP DEPTH	-		CTD CONVERTED MONITC	MONITOR VALUES			SAMPLE BOTTLE DATA	3OTTLE 'A	SAM	SAMPLE BOTTLE NUMBER	LE NUMBI	H
- A	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	YTIN	SEC. SALINITY	SALINITY	ΥTII	SAL.	NUTR.	CHI.	WHIT'S NUTR.
1 99		٠							2			
2						:						
3												
4		,										
5												
9					ļ							
											+	
8			,									
6				-								
10												
11		,										
12		•							-			
				4.0								

VESSEL NOAA R/V MILLER FREEMAN	FREEMAN				PROJECT & LEG MF99-05B	LEG				S	TATIO	STATION DESIGNATION	NATION		
ONSOO						TIME	DRY	WET	ESSURE TATS A3	WISIBILITY S	WIND (1ms) QUO	aq Aahta≘	ВОТТОМ		STA.
	LATITUDE	Į.	LONGITUDE	<u>ć</u>	JD=	<b></b> -∤-	BULB	_	ıs .	DIRN.	PD.	Μ. • ΜΕ	DEPTH	ZAZ	NAME/ID
DEG M	MIN	DEG	≝		DAY MO YR	HR MIN	(၃) (၃)	() () ()	$\Box$	(geb)	(s/w)		E .		
Ø275610	0. 0. 2.	169	22.11	1 W 2 0	A P R 9	9 21 17	3.5	3	192	10615	5	7 5	613		Sep 1
СТБ		TIMES	. י	JD/TIME	141		1	DATA LOCATION	NOI		<u>~</u>	REMARKS	<b>.</b>		
TYPE & SN 9+ S	9+ S/N 91660	DATA ON	_			Tape/Diskette ID	ette ID	File	File Name/Header	Header					despera de partir de desperado de la composição de la com
PRESS SN 29772	72	START DOWN	NMO		.	_	8								dere deser par se de les mines des
TEMP SN 884/889		АТ ОЕРТН	I		,							Max	40	534	20 0 00 00 00 00
COND SN 530/303	303	AT SURFACE	ACE			ç				Name of the last o	Σ	MAX. DEPTH =	TH =	510	E
		MPAR 4242	<u> </u>	FLUOR 153		ChIAM 109	TRANSMI	TRANSMISSOMETER		Cleaned air bleed valve	air blee	d valve			
POS. TRIP DEPTH				CONV	CTD CONVERTED MONITOR VALUES	OR VALUES			ý)	SAMPLE BOTTLE DATA		SAMPL	SAMPLE BOTTLE NUMBER	LE NUM	BER
<u>"</u>	PRESSURE	m	PRI. TEMP.		SEC. TEMP.	PRI. SALINITY	X LINI-	SEC. SALINITY	<u></u>	SALINITY		SAL. N	NUTR.	CH.	WHIT'S NUTR.
4 8 4							:				$\dashv$			+	
2						E			_	39		+			
3									-			+	$\dashv$		
4	,			v											
5											1			-	
9							1				1	$\dashv$	-		
7									$\dashv$				1		
8								:			+				
6				-	,				$\frac{1}{1}$						
10					ļ				$\dashv$	:	<u> </u>	+	+		
11				-						ļ	1	$\dagger$	+		
12				$\dashv$					$\dashv$		$\dashv$				

VESSEL NOAA RV MILLER FREEMAN	FREEMAN			PROJECT & LEG MF99-05B	r & LE(	0					STATIC	N DESI	STATION DESIGNATION	7	
				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		,	<u>,</u>		SSURE STATE	YTIJI8I:	(jms) QU	ABHT,			< +
CONSC CAST # LATII	LATITUDE	LONGITUDE	111	DATE JD=		TIME (GMT)	DRY BULB	WET	PRE:	SIV DIRN	SPD.	أللمة	DEPTH		STA.
DEG	Z	DEG MIN	$\vdash$	DAY MO	YR	HR MIN	(°C)	(၁့)	(mb)	*	* (s/m)	_	(m)	$\downarrow$	
0 285551	88 8	7.68371	2 w	29 A P R	6	1180	ъ. Ф	2.5	193	37196	77	8 4	154		SGH
СТБ		TIMES	JD/TIME	IME			_	DATA LOCATION	NOIT			REMARKS	(S		
TYPE & SN 9+S/	9+ S/N 91660	DATA ON			<u> </u>	Tape/Diskette ID	tte 1D	Œ	le Nam	File Name/Header	<u>.</u>	Caly	Cal, button Cast shortly	اد کھم	# F C
PRESS SN 29772	2	START DOWN								;		朴	\$ 1	Tay Te	anana anana
TEMP SN 884/889	688	AT DEPTH					:				!	XOW	max 140 =	146 m	ź
	303	AT SURFACE			<u> </u>			l 				MAX. DEPTH =	PTH =	146	m
		MPAR 4242	7	FLUOR 153	ChIAM 109		RANSMI	TRANSMISSOMETER		Cleane	Cleaned air bleed valve	ed valv	Φ		
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES	ITOR \	ALUES			<del></del>	SAMPLE BOTTLE DATA	TTLE	SAME	SAMPLE BOTTLE NÜMBER	TLE NÜN	18ER
	PRESSURE	RE PRI. TEMP	P.	SEC. TEMP.	- ·	PRI. SALINITY	NITY	SEC. SALINITY	ΥLII	SALINITY	>	SAL.	NUTR.	CHL	WHIT'S NUTR.
7						:					ĺ	n			
2						:				į					
м			:			į									
4															
2															
9			ь						Ì					.	
8			!				-			ļ					
00			ļ												-
10							1								
11															
12						ļ									
						-									

VESSEL NOAA R/V MILLER FREEMAN	R FREEMAN			PROJECT MF99-05B	PROJECT & LEG MF99-05B	O				STATIC	ON DESI	STATION DESIGNATION	7	
	LATITUDE	LONGITUDE	TUDE	DATE JD=		TIME (GMT)	DRY BULB	WET ESSURE	SEE STRE YILIBIZITY VISIBILITY O WR O NR O NR	WIND SPD.	АЭНТАЭМ	BOTTOM DEPTH	A STA. NAME/ID	A. EAD
DEG	MIN	DEG	MIN	DAY MO	YR	HR MIN	(°C)	(°C) (mb)	(deg) , , (	(s/ш)	*	(m)		1
029532	N 8 1 . H	16850	.94 W30	130 A P R	6 6	3026	Ц	4. P 1 5 46	46236	8	845	946	988	5.6
СТБ		TIMES	JD/TIME	IME			<sub>27</sub> 🗅	DATA LOCATION	_		REMARKS	S		
TYPE & SN 9+	9+ S/N 91660	DATA ON			<u> </u>	Tape/Diskette ID	te ID	File N	File Name/Header					1 from p = 4 + 4 ml (4-14)
PRESS SN 297	29772	START DOWN	z	•	I			5	CTDOSA					
TEMP SN 884	884/889	АТ DЕРТН								1			16,000	
COND SN 530	530/303	AT SURFACE		, ,							MAX. DEPTH =		126	ε
		PAR 4242		FLUOR 153	ChIAM 109		RANSMIS	TRANSMISSOMETER	Cleaned air bleed valve	d air ble	ed valve	•		. ,
POS. TRIP DEPTH			CTD	CTD CONVERTED M	MONITOR VALUES	ALUES			SAMPLE BOTTLE DATA	)TTLE	SAMP	LE BOT	SAMPLE BOTTLE NUMBER	HR.
	PRESSURE		PRI. TEMP.	SEC. TE	TEMP.	PRI. SALINITY		SEC. SALINITY	SALINITY	≽	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1-											SE			
2						•	}							
3						:			-					
4				-										
5					4.1	N.S.								
9								ŀ						
7					)				-					
8												^		
o														
10														
11														
12			:											

VESSEL NOAA R/V MILI	VESSEL NOAA R/V MILLER FREEMAN			PRO MF9:	PROJECT & LEG MF99-05B	-EG	,			STATIC	ON DES	STATION DESIGNATION	Ž.	
CONSC CAST #	LATITUDE	lO1	LONGITUDE	DATE JD=		TIME (GMT)	DRY	WET SSOUR BULB	SEA STATE VISIBILITY  O WIND NO WIND N	S V S V S V S V S V S V S V S V S V S V	TYPE APTHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	NIM	DAY MO	O YR	HR	(၁့)	(°C)	(deg) , ,	* (s/m)	*	(m)		
\$3 \$5 3 2 H	24.42N	891	54.93	93 WG - XPAR	9 9	8090	H. H	4.012	56225	15	<u>۲</u>	E 9 1	669	856
СТБ		TIMES	/Qr	JD/TIME MAY	>			DATA LOCATION			REMARKS	KS		
TYPE & SN	9+ S/N 91660	DATA ON	_			Tape/Diskette ID	itte ID	File N	File Name/Header		dispersion mareur amazam an sancer			
PRESS SN	29772	START DOWN	OWN		, ,							t dependency of products during an extreme		
TEMP SN	884/889	АТ БЕРТН	#6 I								Ę	1	w/0 = 1006	¥
COND SN	530/303	AT SURFACE	ACE —		ı				:	·	MAX. DEPTH =		1945	E
		Z PAG	PAR 4242	FLUOR 153	Ch A		TRANSMIS	TRANSMISSOMETER	Cleaned air bleed valve	air ble	ed valv	و ا		
POS TRIP DEPTH			CTD	CTD CONVERTED MONITOR VALUES	MONITO	R VALUES			SAMPLE BOTTLE DATA	TTLE	SAME	SAMPLE BOTTLE NUMBER	TLE NUS	ABER.
	PRESSURE	- H	PRI. TEMP.	SEC. TEMP.	EMP.	PRI. SALINITY	YTINI	SEC. SALINITY	SALINITY	<b>&gt;</b>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
<b>1</b> -					,						ᢀ			
2						:								
ю									-					
4				:										
5														
9														
2					,									
80														
6														
10														2
11								-	ļ					
12	*										!			