CONSC CAST# CAST#UDE	VESSEL NOAA R/V MILLER FREEMAN	IAN			PROJECT & LEG MF02-11	LEG				STATIO	N DESI	STATION DESIGNATION	z	
DEG MIN DEG MIN DAY MO YR HR MIN (°C) (°C) (mb)			LONGITUDE			TIME (GMT)	DRY		SEA STATE VISIBILITY		TYPE WEATHER	BOTTON		STA. ME/ID
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SS N 60020 START DOWN CLOCKER			NO A.			Tape/Disk€	ette ID	File N	ame/Header		اعل		24 5eb	**
SN 710884 AT DEPTH SN 710884 AT DEPTH SN 915/530 AT SURFACE PAR 4242 FLUOR 153 Cham 109 TRANSMISSOMETER Cleaned air bleed valve 1/6Hm 1/4/c TRIP		STA	RT DOWN]			c2-	طا-هاء-	•	
PAR 4242		ATE	JEPTH		.						رامحوه	No. yes	Dog.	-
PAR 4242 FLUOR 153 Oham 109 TRANSMISSOMETER Cleaned air bleed valve 164	•	ATS	SURFACE					/		<u>Š</u>	AX. DEI	PTH =	b	E
DEPTH PRESSURE PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINI			PAR 4242	FLUOR 1			TRANSMI	SSOMETER	Cleaner	d air blee	d valve		3/20	
PRESSURE PRI. TEMP. SEC. TEMP. SEC. SALINITY			CTD	SONVERTI	ED MONITC	R VALUES			SAMPLE BO DATA	TTLE	SAMP	LE BOT	TLE NU	ABER
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VESSEL NOAA R/V MIL	VESSEL NOAA R/V MILLER FREEMAN			PROJECT & LEG MF02-11	LEG			STATION DESIGNATION	N DESIG	SNATION	7	
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PRESS SN	80020	STARI	START DOWN				:		مح ده	cb 20		
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COND SN	915/530	AT SU	'	ļ				Ž	MAX. DEPTH =		35	Ε
-		Ž	VPAR 4242 V 平	Alta States	ChIAM 109 TRANSI	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	d valve			
POS. TRIP DEPTH			CTD COT	CTD CONVERTED MONITOR	MONITOR VALUES	,	SAMPLE BOTTLE DATA	E E	SAMPL	SAMPLE BOTTLE NUMBER	LE NUN	BER
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CONSC CAST#	LATITUDE	LONGITUDE	rude.	DATE JD=	T U	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY OIRNO	WIND SPD (amt)	ТҮРЕ МЕАТНЕР	BOTTOM DEPTH		STA. NAME/ID
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es Cap		TIMES	Nac	JD/TIME			ü	DATA LOCATION	NO.		<u> </u>	REMARKS	"		
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POS. TRIP DEPTH]] [CTD CC	CTD CONVERTED N	MONITOR VALUES	VALUES			S	SAMPLE BOTTLE DATA	<u> </u>	SAMPL	SAMPLE BOTTLE NUMBER	LE NOM	BER
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								37ATE YTIJI	Warren				
CAST # LA	μ5. Latitude	150 52 LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB	WET	PRESS VISIB DIRIN	S WIND	JOOJO TYPE TTA3W	BOTTOM DEPTH		STA. NAME/ID
DEG	MiN	DEG MIN		DAY MO YR	HR MIN	(°C)	(°C) (mb)	b) * * (deg)	1 1	*	(m)		
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TEMP SN 71	710/884	АТ DEРТН			:	ř				-			
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		PAR 4242	FLU	FLUOR 153 Chi	ChiAM 109	TRANSMIS	TRANSMISSOMETER	Cleane	d air ble	Cleaned air bleed valve		761-0/2	7
POS. TRIP DEPTH			CTD CONVERTED		MONITOR VALUES		ì	SAMPLE BOTTLE DATA	тте	SAMP	SAMPLE BOTTLE NUMBER	LE NUI	BER
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	NOAA R/V MILLER FREEMAN		PROJECT & LEG MF02-11	LEG		<u> </u>	STATION	STATION DESIGNATION	NO NO	
CONSC CAST # LATI	LATITUDE	LONGITUDE	DATE JD=	TIME DRY (GMT) BULB	WET SSURE	SEA STATE VISIBILITY O WIND NO WIND	S W CLOUD (amt) TYPE	жетнек WEATTOM DEPTH		STA. NAME/ID
DEG		DEG MIN	DAY MO YR	HR MIN	(°C) (m	(geb) * *	* * (s/m)			
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		PAR 4242	FLUOR 153 Chi/	Chiam 109 TRANS	TRANSMISSOMETER	Cleaned air bleed valve	ir bleed v	valve ^{Lo} /o	-153m	1
POS. TRIP DEPTH			CTD CONVERTED MONITO	MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE NU	MBER
	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	L. NUTR.	. CHL.	WHIT'S NUTR.
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DEG N	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁.)	트	(deg) , (qeg)	(m/s)	*	(m)		
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СТО		TIMES	Or .	JD/TIME				DATA LOCATION	Į.		REMARKS	KS		
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COND SN 915/	915/530	AT SURFACE	ACE								AAX. DE	мах. рертн = ಓ ф	ф7	m
		PAR	PAR 4242	FLUOR 15	53 ChIAN		TRANSMI	TRANSMISSOMETER	Cleane	Cleaned air bleed valve	ed valve		2/2 = 1725	
POS. TRIP DEPTH			СТБС	ONVERTE	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE DATA	TTLE	SAME	SAMPLE BOTTLE NUMBER	TLE NUR	/BER
	PRESSURE		PRI. TEMP.	SEC	SEC. TEMP.	PRI. SALINITY	NITY	SEC. SALINITY	SALINITY	>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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DEG	MIN	DEG	NIM	DAY	MO YR	-	(၃)	П	*	* (m/s)	_*	(E)		
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сто		TIMES	片	JD/TIME				DATA LOCATION	Z	<u> </u>	REMARKS	S)		
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		PAR 4242	-	TENOR1	33	ChIAM 109	TRANSMI	TRANSMISSOMETER	Cleane	Cleaned air bleed valve	ed valve	60		
POS. TRIP DEPTH			CID	CONVERT	CTD CONVERTED MONITOR VALUES	R VALUES			SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUM	1BER
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CONSC	LATITUDE	j j	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	SEA STATE		S V S CLOUD (amt)	APPE WEATHER	BOTTOM DEPTH	w <u>.</u>	STA. NAME/ID
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		PAR 4242	2	TATAOR 153	ChIAM 109		RANSMIS	TRANSMISSOMETER		Cleaned	air ble	Cleaned air bleed valve			
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CONSC CAST#	ATITUDE	ِ ف	LONGITUDE		DATE JD=	TIME (GMT)	DRY	WET	PRESSURE STATS A38	VISIBILITY DIRN.D		CLOUD (amt)	воттом рертн		STA. NAME/ID
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VESSEL NOAA RVV MILLER FREEMAN	R FREEMAN			PROJECT & LEG MF02-11	EG				STATION DESIGNATION	ESIGNATIO	N.	
CONSC.	ATITIDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY DI WIND	CLOUD (amt)	E BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG MIN			HR MIN	(°C)	(°C) (mb)	(deg)	(s/ш)	(m)		
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		PAR 4242		FLUOR 153 CHIA	ChIAM 109	TRANSMI	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	alve		
POS. TRIP DEPTH			CTD CONVERT	ED MON] _{\omega}			SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUA	/BER
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CONSC CAST #	ATITUDE	<u> </u>	LONGITUDE	DATE .	<u>_</u>	TIME (GMT)	DRY BULB	WET	VIND DIRN.	SPD. CLOUI	∃qY1 TA∃W	ВОТТОМ DEPTH		STA. NAME/ID
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	915/530	AT SURFACE	ACE		[W	MAX. DEPTH =	% = нтч	9=146	Ε
		PAR	PAR 4242	FLUOR 15	53 ChiA	ChIAM 109	TRANSMI	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	d valve			
POSI TRIP				CTD CONVERTE		╗.			SAMPLE BOTTLE	TTLE	SAMPI	SAMPLE BOTTLE NUMBER	LE NUM	BER
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VESSEL NOAA R/V	VESSEL NOAA RIV MILLER FREEMAN	≣MAN				PROJECT & LEG MF02-11	EG	. ,				.S.	STATION DESIGNATION	DESIGN	ATION		
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0	DEG MIN		DEG	MIN	DAY		HR MIN	(၃)	П		р) •	(deg) (m	(m/s) *		(m)		
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	1 8			070		SEC TEMP	VTIMI IAS 190	<u> </u>	YEIG SALINITY		SALI	SALINITY	SAL	NOTR.	R. A.		WHIT'S NUTR.
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0,	WIND V	Jeg)	<u>)</u>	<u>ā</u>				Cleaned air bleed valve	LE BOTI DATA	SALINITY			Ì									
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		LONGITUDE	DATE JD=231	TIME DRY (GMT) BULB	WET	SEA VIS VIS VIS	SPD. CLO	¥∃Μ	₹ ±	STA. NAME/ID
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•		2	KESSHASS CHIAN	CHIAM 109 TRAN	TRANSMISSOMETER	Cleaned	<u>6</u>	valve		3
POS. TRIP DEPTH	텔 - - -	CTDCO	CTD CONVERTED MONITOR VALUES	VALUES		SAMPLE BOTTLE DATA		AMPLE B	Sample Bottle number	MBER
i d	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	L. NUTR.	유	WHIT'S NUTR.
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CONSC CAST # 1 A	ATITUDE	ت 	LONGITUDE		DATE JD=23	TIME (GMT)	DRY	WET BULB	SEA	SPD CLOU	MEV.	BOTTOM DEPTH		STA. NAME/ID
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	915/530	AT SURFACE	<u>ب</u>	1					MAX.	MAX. DEPTH =	39	m
		PAR 4242		FLUOR 153 Chi	ChIAM 109	RANSMIS	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve		7 9522	
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COND SN		AT SI	AT SURFACE						MA	X. DEP	MAX. DEPTH = 5 p &	D.	ε
			2	FLUOR 153	ChiAM 109	TRANSM	TRANSMISSOMETER	Cleaned	ě	valve			
Pos.	TRIP DEPTH	<u>]</u> -			ED MONITOR VALUES			SAMPLE BOTTLE DATA	_	SAMPLI	Sample Bottle number	₩ N N	BER
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L		Z Z	24.74 N	CTO CONVER		ر,[SAMPLE BOTTLE	SOTTLE		SAMPLE BOTTLE NUMBER	TLE NU	MBER
SOS.	DEPTH		5						·	DATA	Y				
		<u> </u>	TEMP		SEC TEMP	PRI SALINITY	<u>∠LIN</u>	SEC. SALINITY	È	SALINITY	™ YTI	SAL.	NUTR.	GHL.	WHIT'S NUTR.
+	PRESSURE	<u> </u>										¥3	558		
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	STA. NAME/ID						Œ		/BER	WHIT'S NUTR.							i					
7		<u>τ</u>					00		LE NUN	CHL.												
SNATIOI	BOTTOM DEPTH	(E)					тн=		SAMPLE BOTTLE NUMBER	NUTR.	56	562	563								1	
STATION DESIGNATION	39YT A3HTA3W	7	REMARKS	F833			MAX. DEPTH =	Cleaned air bleed valve	SAMPI	SAL.			-	·							\dashv	
STATIC	SPD. CLOUD (amt)	(s/m)				<u>_</u>	~	dair ble	TTLE	>		-									寸	╡
	WIND DIRN.	(deg)		ader				Cleane	SAMPLE BOTTLE DATA	SALINITY					1							
	PRESSURE SEA STATE YTIJIBISIV	t h h	z	File Name/Header					SAM												<u> </u>	\dashv
		50	DATA LOCATION	File				TER		SEC. SALINITY												
	BULB	(°C)	DATAL					ISSOME		SEC. S											į	
	DRY BULB	6		te ID				TRANSMISSOMETER		YTIN												
	TIME (GMT)	HR MIN	б	Tape/Diskette ID					LUES	PRI. SALINITY												
T & LEG		2 %)	Ta				ChIAM 109	TOR VA												\dashv	\dashv
PROJECT & LEG MF02-11	⊬⊬ሮ= QΓ		-					95.00 00.00	ED MONITOR VALUES	SEC. TEMP.												
	DATE	∑ -	JD/TIME					FLUOR 183	CTD CONVERTE	SE												
	DE	0 0 M	2					<u> </u>	<u>стр со</u>	EMP.												ļ
	LONGITUDE	NIM O		Z	DOWN	Ĕ	FACE	√PAR 4242		PRI. TEMP.												
		DEG	<u> </u>	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	\ <u>\</u>		ı,												-
EEMAN)E		7	1220						PRESSURE					;							
VESSEL NOAA RV MILLER FREEMAN	LATITUDE	NIM C		9+ S/N 91220	80020	710/884	915/530			<u>a.</u>		_									<u></u>	
EL RV MIL	Q #	DEG OEG	CTD	•				•	TRIP DEPTH		30	15.	00									
VESSEL NOAA R	CONSC CAST#	0	5	TYPE & SN	PRESS SN	TEMP SN	COND SN		Pos		-	2	က	4	2	9	7	8	6	10	Ξ	12

NOIL	BOTTOM STA. DEPTH NAME/ID) j					E		SAMPLE BOTTLE NUMBER	WHIT'S R. CHL. NUTR.												
STATION DESIGNATION	ABHTABW	• '	3667	REMARKS	2682			MAX. DEPTH	ed valve	SAMPLE	SAL. NUTR.	46					-						
STATIC	WIND WINDOUD (amt) DIRN. SPD. CLOUD	(s/ш) (бар)	40328	<u> </u>	<u> </u>			N	Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY												
	PRESSURE SEA STATE VISIBILITY ☑ ≷		€ 3	Z.	File Name/Header				ම <u>ි</u>	SAMPLE DA													<u></u>
	WET	(၁)	9.298	DATA LOCATION	File				TRANSMISSOMETER		SEC. SALINITY												
	DRY BULB	(၁)	2.69	Δ	kette ID	ę			TRANSMIS		_									,			
LEG	TIME (GMT)	HR MI	2 0 0 0		Tape/Diskette ID				ChIAM 109	IR VALUES	PRI. SALINITY												
PROJECT & LEG MF02-11	DATE JD=	OW AX	10CT0	JD/TIME					FLUOR 153 Chi/	NVERTED MONITOR VALUES	SEC. TEMP.				:								
	LONGITUDE	NIW	9 (12 . 28 WO	·	NO	START DOWN	EPTH .	AT SURFACE	PAR 4242	CTD CONVERTI	PRI. TEMP.		:										
FREEMAN	LATITUDE		() IN S 9 .	TIMES	9+ S/N 91220 DATA ON		84 AT DEPTH				PRESSURE	2047											
VESSEL NOAA RV MILLER FREEMAN	CONSC CAST # LATI1	DEG	245933	E 5	TYPE & SN 9+ S/I	PRESS SN 80020	TEMP SN 710/884	COND SN 915/530	×	L TRIP DEPTH							,						
VĒĶ	SAS SAS		7		<u>\</u>	PRE	TER	g		Pos.		-	2	3	4	5	9	7	8	6	9	11	\$

VESSEL NOAA R/V MILLER FREEMAN	ER FREEMAN		PROJECT & LEG MF02-11	LEG	***	S	TATION DE	STATION DESIGNATION	z	
consc 39	H	172 641		TIME	DRY	SUSPRE STRIE STRIE STRIETY		EE BOTTOM		STA
	LATITUDE	SNO.	ŀ	(GMT)	BULB	SE DIRN.	ᄊ			NAME/ID
DEG	MIN	NW.	DAY MO YR	HR MIN	u) (ɔ。) (u	(geb) 🗼 🗼	*			
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CTD		TIMES	JD/TIME		DATA LOCATION	N.	REMARKS	RKS		
TYPE & SN 9-	9+ S/N 91220	DATA ON		Tape/Diskette ID		File Name/Header	29	2681	i	
PRESS SN 80	80020	START DOWN		80		•				
TEMP SN 7'	710/884	АТ ОЕРТН								
COND SN 91	915/530	AT SURFACE					MAX.	MAX. DEPTH =		٤
<u> </u>		PAR 4242	FLUOR 153 Chi		TRANSMISSOMETER	Cleaned a	Cleaned air bleed valve	lve		
POS. TRIP DEPTH		СТБ	CTĎ CONVERTED MONITC	ED MONITOR VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	LE NUN	BER
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Y SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1	777						24	32		
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PROJECT & LEG WHO2-11 Ovy 18	中のGITUDE DATE JD= (GMT) BULB BULB P. DIRN. SPD. C.	G MIN DEG MIN DAY MO YR HR MIN (°C) (°C) (mb) * (deg) (m/s) * · · (m) 93 4 . 25 N 1 4 9 11 . 8 1 W 6 1 0 C T 0 2 2 6 6 1 2 . 0 9 8 4 7 2 5 3 3 4 5 4 1 2 2 1 2	TIMES JD/TIME DATA LO	IN 9+ S/N 91220 DATA ON Tape/Diskette ID File Name/Header 2532	80020 START DOWN	710/884 AT DEPTH	915/530 AT SURFACE m	PAR 4242	RIP SAMPLE BOTTLE SAMPLE BOTTLE NUMBER EPTH DATA	PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SAL. NUTR. CHL. NUTR.	7 28										
VESSEL NOAA RV MILLER FREEMAN	CONSC 50 34 CAST#UDE	DEG MIN 5 9 3 μ.	1	TYPE & SN 9+ S/N 912	PRESS SN 80020	TEMP SN 710/884	COND SN 915/530		POS. TRIP DEPTH	PRE	2 7 26	3	4	2	9	7	80	6	10	11	

	A. E/ID							E		JER .	WHIT'S NUTR.							1/5					
	STA. NAME/ID	-						L L		E NUME	CHL.				1	1						1	\dashv
STATION DESIGNATION	BOTTOM DEPTH	(E) (E)	य अञ					ک		SAMPLE BOTTLE NUMBER	NUTR.	Ε					7						\dashv
DESIG	ASHTASW WEATHER W	. 3	29	REMARKS				MAX. DEPTH =	valve	SAMPLE	SAL. N											\dashv	_
TATION	SPD (amt)	* (s/m)	দ বে	쀭_			,	MA	ir bleed		S						-					\dashv	_
S	WIND W) (geb)	330		der				Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY												
	SEA STATE VISIBILITY	* (ري +		File Name/Header				<u> </u>	SAMPL	SA										V		
	PRESSURE	(mp)		ATION	ile Nan				<u>_</u>		YLIN												
	WET	<u>်</u>	9 . 5	DATA LOCATION	_	1		 	TRANSMISSOMETER		SEC. SALINITY												
	DRY BULB	<u></u> [5]	9	2	Ω				NSMISS		_				_								\dashv
			HBILL		Tape/Diskette ID	?				S	PRI. SALINITY												
EG	TIME (GMT)	또	<u>೧</u>		Tape/D				ChIAM 109	VALUE	PRI.		:										
PROJECT & LEG MF02-11	JD= 21명	Σ-	T 0 2					1	CHA	ONITOR	MP.												
PROJEC MF02-11		Y MO	<u>೦</u>						FEUOR 153	CTD CONVERTED MONITOR VALUES	SEC. TEMP.												
	DATE	DAY	75 WO	JD/TIME						CONVE				\dashv	-								
	TUDE	NE -	1	7	ı	z	1		42	CTD	PRI. TEMP.												
	LONGITUDE	<u>၂</u>	6	တ္သ	NO V	START DOWN	АТ ОЕРТН	AT SURFACE	VPAR 4242	10	PRI		:			ļ							
Z			z	TIMES	DATA ON	STAF	AT D	AT SI		<u> </u>	JRE												
VESSEL NOAA RV MILLER FREEMAN	UDE		9		9+ S/N 91220		7.	, S			PRESSURE												
ILLER F	LATITUDE	N₩ _	1 0 10		8+ S/k	80020	710/884	915/530		a E													
SEL VA RVV N	#SC	DEG	00	CT O	TYPE & SN	PRESS SN	TEMP SN	COND SN		TRIP		£,											
VESSEL NOAA R	CONSC		0		<u>}</u>	A.	TEM	8		Pos.		1	2	က	4	2	9	7	ω	6	10	11	12

VESSEL NOAA RV MILLER FREEMAN	R FREEMAN		PR	PROJECT & LEG MF02-11	၅	:			STA:	TION DES	STATION DESIGNATION	-	
CONSC CAST # LAT	LATITUDE	LONGITUDE		∂E2=Gt	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY S S	WIND WIND OF CLOOP CAND	WEATHER TYPE CLOUD (smt)	BOTTOM DEPTH	I STA. NAME/ID	JD.
DEG	MIN	DEG MIN	DAY	MO YR	HR MIN	(၃)	()°()		(s/m) (bep)		Œ		
\$29591=	N P H .	14857.09	9 W030	C T 0 2	1110	0	9.52	23372	1004	462	/ 8 н		
СТО	ži.	TIMES JE	JD/TIME			Ω	DATA LOCATION	Z		REMARKS	KS		
TYPE & SN 9+ S	9+ S/N 91220	DATA ON		· <u>·</u>	Tape/Diskette ID	te D	File	File Name/Header	ē	ن ال	G-893		
PRESS SN 80020		START DOWN											
TEMP SN 710/	710/884	АТ ДЕРТН											
COND SN 915/	915/530	AT SURFACE								MAX. DEPTH =		180	E
		V PAR 4242	THORTES	ChIAM 109		RANSMIS	TRANSMISSOMETER	<u> </u>	Cleaned air bleed valve	leed valv	, p		
POS. TRIP DEPTH			CTĎ CONVERTED MONITOR VALUES	MONITOR	VALUES	,		SAMPLE D/	SAMPLE BOTTLE DATA		PLE BOTT	SAMPLE BOTTLE NUMBER	e:
				,	:	-						-	
	PRESSURE	E PRI. TEMP.	SEC.	TEMP.	PRI. SALINITY		SEC. SALINITY		SALINITY	SAL.	NUTR.	CHL. N	WHIT'S NUTR.
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	STA. NAME/ID						٤	0	JMBER	WHIT'S NUTR.							i.					_
N O		-					· 	0/m 401	ITLE NI	CHL.												
IGNATIO	ВОТТОМ DEPTH	(m)	KS	2269			EPTH =		SAMPLE BOTTLE NUMBER	NUTR.												
STATION DESIGNATION	S WEATHER	7	REMARKS	2			MAX. DEPTH =	Cleaned air bleed valve	SAMI	SAL.												
STAT	WIND SPD.	deg) (m/s) 7 4 4 5			1	. i		ed air bl	OTTLE	ΥT												
	WIND DIRN.	7		leader				Cleane	SAMPLE BOTTLE DATA	SALINITY					9							
	PRESSURE SEA STATE YTIBISIV	(mb)	8	File Name/Header					es III	*												
	WET	c) 2	DATA LOCATION	File				ETER		SEC. SALINITY											3	
	U	7	DATA					TRANSMISSOMETER		SEC.												
	DRY BULB	1		ette ID	,			TRANSI		INITY												
ဗ	TIME (GMT)	HR MiN		Tape/Diskette ID				109	ALUES	PRI. SALINITY												
PROJECT & LEG MF02-11	1	YR 0 2						ChIAM 109	NITOR	AP.												
PROJECT MF02-11	E JO=	MO OCT						153	CTĎ CONVERTED MONITOR VALUES	SEC. TEMP.												
	DATE	3 4 W 4 3	JD/TIME					FLUOR 153	ONVER	S												
	UDE	MIN . 3 4	5	l	-					PRI. TEMP.								:				
	LONGITUDE	8 1 3	တ	NO	START DOWN	₽TH	AT SURFACE	PAR 4242		PRI.												
z		DEG - A	TIMES	DATA ON	STAR	ТАТ ОЕРТН	AT SI]	JRE												
VESSEL NOAA R/V MILLER FREEMAN	JOE	77		9+ S/N 91220		34	õ			PRESSURE	165			(3)								
MILLER F	LATITUDE			V/S +6	80020	710/884	915/530		<u>ـ</u> ـ ـ ـ										-			<u>L</u>
VESSEL NOAA R/V M	CONSC	DEG	£	TYPE & SN	PRESS SN	TEMP SN	COND SN		TRIP													
NO VE	CONSC	₩		7	PRE	TEM	8		Pos.		-	7	3	4	သ	9	7	æ	6	10	11	ç

VESSEL NOAA RV MILLER FREEMAN	ER FREEMAN		PROJECT & LEG		3	STA	TION DE	STATION DESIGNATION		
CONSC CAST # L	LATITUDE	LONGITUDE	DATE JD=	TIME DRY (GMT) BULB	WET WET PRESSURE	SEA STATE VISIBILITY DIRN. O WIND SPOOD (SMIT)	CLOUD (amt) TYPE WEATHER	ВОТТОМ DEPTH	.	STA. NAME/ID
DEG	MIN	DEG MIN	DAY MO YR	HR MIN (°C)	(°C)	* * (deg)		(m)		
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СТО		TIMES JD/	JD/TIME	,	DATA LOCATION		REMARKS	KS.		
TYPE & SN 94	9+ S/N 91220	DATA ON		Tape/Diskette ID	File Na	File Name/Header	4	26B8A	recoon	Now.
PRESS SN 80	80020	START DOWN								5
TEMP SN 71	710/884	АТ ОЕРТН								
COND SN 91	915/530	AT SURFACE	batotar				MAX. D	MAX. DEPTH =	135	E
		VPAR 4242	FLUOR 153 ChIA		TRANSMISSOMETER	Cleaned air bleed valve	bleed valv		Ma HEI	8
POS. TRIP DEPTH		CTDC	CTĎ CONVERTED MONITOR VALUES	< VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUN	BER
	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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CONSCIPTION CONSCIPTION	VESSEL			PROJE	ROJECT & LEG	/5				STAT	ION DES	IGNATION		
Columb C	NOAA RVV MIL	LER FREEMAN		MF02-	=		-				スシー			
Converted by Conv	0 2 0					IME	DRY		STATE A	ON CONTRACT	36	BOTTOM		, c
DEG MIN DEG MIN DAY MO TR HR MIN TC TC		LATITUDE	LONGITUDE			1	BULB		I∧ ∃S	RN. SPD.	ᄊ	ОЕРТН	_	E/ID
State Stat	DEG	MIN	DEG MIN	1 1	Н	IR MIN	(၁့)		*	(s/ш) (ba	*	(ш)		
CTD TIMES JOTTIME DATA LOCATION REMARKS REMARKS SS N 9+SN 91220 DATA ON 00; 59; 26; 26, 6/m² TapelDiskette ID File Name/Header 15 Locat Call Flag SS N 9020 START DOWN 20; 59; 26, 6/m² AT DEPTH AT DEPTH AT DEPTH SSN 7+0884 AT DEPTH AT DEPTH AT SURFACE AT SURFACE AT SURFACE AT SURFACE AT SURFACE AT SURFACE ANY. DEPTH A	3258	3 50	15031.7	0	0 2 0	828	· • I	00	4		78			W
SSN 91-550 DATA ON OO; SF1-500 DATA ON OO; SF1-500 OC	СТО			D/TIME			Ď	ATA LOCATIC	Z		REMAR	KS	- d	
SS N 80020 START DOWN 20 : St : 24 6 M T SN 915530 AT SURFACE CLI (1) : 20 6 M T SN 915530 AT SURFACE CLI (1) : 20 6 M T SN 915530 AT SURFACE CLI (1) : 20 6 M T SN 915530 AT SURFACE CLI (1) : 20 6 M T SN 915530 AT SURFACE CLI (1) : 20 6 M T SN 915530 AT SURFACE CLI (1) : 20 6 M T SN 10 CLI (1) : 20 CNVERTED MONITOR VALUES SAMPLE BOTTLE SAMPLE BOTTLE SN 10 SN SN SN CHI SN 10 SN SN SN SN SN SN SN S		9+ S/N 91220		00; 59:606		ape/Diskett	ө <u>О</u>	File I	Vame/Head	_ To	15/	Pund O	Punge	
SN 710864 AT DEPTH		80020		00: 5%:00	Sint	ı		ļ				7	1	
Max. Depth = Max.		710/884		16. 04:00	Cont									
TRIP TRIP PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SAL		915/530	AT SURFACE	00:01	Two	<u>'</u>					MAX. DE	EPTH =		E
TRIP CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE SAMPLE BOTTLE NUMBER			M PAR 4242	FLUOR 153	CHIAM 1		SANSMIS!	SOMETER	S C	aned air b	feed valv	0		
PRESSURE PRI, TEMP. SEC. TEMP. PRI, SALINITY SEC. SALINITY SALINI			CTD	CONVERTED MC	ONITOR V.	ALUES		i i	SAMPLE D/	BOTTLE ATA	SAM	PLE BOTT	LE NUME	3ER
7. 5%2 9. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.		RI ISSUE	104	SEC. TEI	ĄP.	PRI. SALIN		EC. SALINITY	_	Y LINI	SAL.	NUTR.		WHIT'S NUTR.
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TIME DRY (GMT) BULB	WET BULB PRESSURE TATS A3S	YTIJIBILIY ON W ON W	39YT A3HTA3W	воттом рертн	STA. NAME/ID
HR MIN (°C)	(cm) (c.)	* (deg) (m/s) *	•		
8-19-18-10	5	01714		1111	i .KB32
	DATA LOCATION		REMARKS		
00 cm Tape/Diskette ID	File Nam	File Name/Header			
			2	6117	-
,			MAX. DEPIH =		
CHIAM 109 TRANSM	TRANSMISSOMETER	Cleaned air bleed valve	9		
CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA		E BOTTLE	SAMPLE BOTTLE NUMBER
YINI 182 INITY	SEC. SALINITY	SALINITY	SAL.		WHIT'S CHL. NUTR.
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<u>> Z</u>	VESSEL NOAA RV MILLER FREEMAN	ER FREEMAN			PROJECT & LEG MF02-11	EG				STATI	ON DESI	STATION DESIGNATION		
1 00	CONSC CAST#	ATITUDE	LONGITUDE	DATE	-05 -05	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY O WIND	WIND SPD.	CLOUD (amt) TYPE WEATHER	ВОТТОМ DEPTH		STA. NAME/ID
<u>' </u>	DEG	MIN	DEG MIN	DAY	Y MO YR	HR MIN	(C)	(°C)	(mb) * * (deg)	(s/w)	*	(m)		
Ц	7 8 8 4	N 2 5 8	15046.7	0 M 9	SOCT02	0235	9.6	2	035	2152	878	8	5T-	457
<u> </u>	e B		TIMES	JD/TIME				DATA LOCATION	NO.		REMARKS	g		
<u> </u>	TYPE&SN 9+	9+ S/N 91220	DATA ON	9 2:20	02:36:00 GMT	Tape/Diskette ID	ifte ID	File	File Name/Header	<u>.</u>				
	PRESS SN 80		START DOWN	5:20	02:37:00 CMT			 				,		
<u> </u>	TEMP SN 71	4	AT DEPTH	02:4	02:43:00 CMT			 						
<u>ပ</u>	COND SN 91	915/530	AT SURFACE	02:53:00	3:00 GMT						MAX. DEPTH =	PTH= /	76	ε
			PAR 4242	FLUOR 153		ChiAM 109	TRANSMI	TRANSMISSOMETER	Cle	Cleaned air bleed valve	eed valve			
10-	POS. TRIP DEPTH			D CONVE	CTD CONVERTED MONITOR VALUE	VALUES			SAMPLE	SAMPLE BOTTLE DATA	SAMP	SAMPLE BOTTLE NUMBER	LE NOM	BER
	•	1 2 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	PRITEMP		SEC. TEMP.	PRI. SALINITY	YINI Y	SEC. SALINITY	ļ	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
5	176					-	-				7	593		
<u> </u>							-					593		
4	1											465		
٥	1											365		
S									ti:			755		
0												597	7	
10	2											265	7	72
0	<u> </u>											655	7	
0	-											000	2	į
01	10 (1)											200	7	
0	11 3						+		<u> </u>			8	7	
Ш	12													

	VESSEL NOAA R/V M	VESSEL NOAA RV MILLER FREEMAN			PROJECT & LEG MF02-11	. & LEG		4				STATI	ON DES	STATION DESIGNATION		
	CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	E DRY T) BULB		WET	PRESSURE SEA STATE YTIJIBICIY	WIND DIRN.	S WIND (amt)	TYPE WEATHER	BOTTOM DEPTH	`	STA. NAME/ID
	DEG		DEG MIN		MO	YR HR	MIN (°C)		(°C) (mb)	: G	(geb)	(m/s)		(ш)		
	83588	986.2 IN	15-033	84W05	050CT0	2 0 3	6 62	.3	1	5 6	0 12	17	75	141	<u>4</u>	KS4
	сцо		TIMES	JD/TIME	Ā			DATA	DATA LOCATION	, Z			REMARKS	K S		•
	TYPE & SN	9+ S/N 91220	DATA ON	0.3:1	11:00 cmT		Tape/Diskette ID		File I	File Name/Header	leader				į	
	PRESS SN	80020	START DOWN	0.3:1	11:00 cm1	7	=			·		•	j			¥
	TEMP SN	710/884	АТ DEРТН	03:	37	mT										
	COND SN	915/530	AT SURFACE		i								MAX. DEPTH =	EPTH =	165	E
			21		FLUOR 153	ChIAM 109		TRANSMISSOMETER	TER		Cleane	d air ble	Cleaned air bleed valve	•		
,	POS. TRIP DEPTH	L E		CTD CON	CTD CONVERTED MONITOR VALUE	TOR VALUE	S			AS	SAMPLE BOTTLE DATA	TTLE	SAMI	SAMPLE BOTTLE NUMBER	ILE NUN	/BER
		PRESSURE	PRI. TEMP.	EMP.	SEC. TEMP.		PRI. SALINITY	SEC. 6	SEC. SALINITY	, i	SALINITY	>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
2	1 /65	S		,									7	603		
,0	2 150	6		*	82									400	,	
5	12	5			Ī									605		
00	4 /00													606		
Ś	4										흥			209		
0	bh 9				i					*.5	,			809	7	
30	7 30													609	>	
17.	17									<u>.</u>	;			500	2	
2 5	-													119	/	
29					ŀ							l .		619	7	
. 0	, ,													613	7	
	12									\dashv						

_	VESSEL				PRO	PROJECT & LEG	ရှု	3		ļ		STATI	ON DES	STATION DESIGNATION	Z	i
	NOAA RV MILLER FREEMAN	ER FREEMAN			MF02-11	2-11										
			<u> </u>		 	X	· •)	Ļ	BAUSS BTATS A	YTIJIBIS	(amt)	UD (amt) E RER			i.
		LATITUDE	ات	LONGITUDE		· F	(GMT)	BULB	WE I BULB	384 38	SIΛ		IdVI			SIA. NAME/ID
	9	MIN	DEG	Z Z	DAY MO	Y.R.	HR MIN	(၃့)	(0,)	(qw)	(Gep)	(m/s)	*	Œ	i.	
1	6 3 6 5 8 4	31.59N	181	0 Ø	04W050C	T 0 2	0 4/80	5 . 2	•	M 8	5073	3 2 0	8 7 5	t / 2	/	ks5
	CTD		TIMES)Or	JD/TIME			1	DATA LOCATION	TION			REMARKS	. KS		
	TYPE & SN 9+	9+ S/N 91220	DATA ON	}	04:20:	00 Cm1	Tape/Diskette ID	tte ID	Ĩ.	le Nam	File Name/Header	•	<u>, , , , , , , , , , , , , , , , , , , </u>			
	PRESS SN 80	80020	START DOWN	ı	04-21:00 cms	00 cmT			· 			1				
	TEMP SN 71	710/884]ат оертн	~	04:35:06 Cm7	S Gart										
	COND SN 91		AT SURFACE		•]				MAX. DI	MAX. DEPTH =	121	E
	1		/d 	PAR 4242	FLUOR 153	ChIAM 109	ř	TRANSMI	TRANSMISSOMETER		Cleane	Cleaned air bleed valve	eed valv	9/		
14	POS. TRIP DEPTH			CTDC	CTD CONVERTED N	MONITOR VALUE	VALUES				SAMPLE BOTTLE DATA	OTTLE ,	SAM	SAMPLE BOTTLE NUMBER	TLE NUI	MBER
		PRESSURE	W W	PRI. TEMP.	SEC. T	TEMP.	PRI. SALINITY	A.L.IN	SEC. SALINITY	ŁΙ	SALINITY	≥	SAL.	NUTR.	CH.	WHIT'S NUTR.
5 9	1 167						,						\	614		
29	2 150													615		
25	3 /25			•	,									616		
00,	4 100						,							612		
35	5 76	,									ä			10/8		
50	6.50		-							-				619	1	
200	7 46		-											600	-	
3.0	8 31												į	169	•	
70	9 20					,								669	2	
0)	10 / 0													683	1	
	11 3				.50					\dashv			:	7	1	
	12		,		_											

MAX FLON = 0,5 Volts

	; S/ID	5					٤		R	WHIT'S NUTR.		<u> </u>					9					
	STA. NAME/ID	*					1		SAMPLE BOTTLE NUMBER	CHL.						1	7	J.	7	7	7	
ATION	вотто́м рертн	(m) { 8 4					8/=н		ВОТТ	NUTR.	6025	900)	(00)	638	639	630			633	634	63<	_
STATION DESIGNATION	ЯЭНТАЭМ	• 40	REMARKS				MAX. DEPTH =	valve	AMPLE		0)	9	Č	to'	0	6	0	9	9	ė,	9	-
VTION	WIND (amt) CLOUD (amt) SPD (amt)	. 28	REN				Σ	Cleaned air bleed valve		SAL	7											_
ST/		الحدا			١	1		ed air	SOTTLE A	≧	•						,					ı
	WIND DIRN.	(deç		File Name/Header			1	Clean	SAMPLE BOTTLE DATA	SALINITY					89							
	PRESSURE SEA STATE YTIJIBISIV	735	7	ame/H					SA													
	· · · · · · · · · · · · · · · · · · ·	(mb)	CATIO	File N				 		TINIT												
	WET	(S) .	DATA LOCATION		ı	ı		TRANSMISSOMETER		SEC. SALINITY	•											
7	DRY BULB	(°C)	Ď	۵				SMISS		<u> </u>												\dashv
,				kette II				TRA		I I	,										ı	
	TIME (GMT)	R M		Tape/Diskette ID		,		60	ALUES	PRI. SALINITY		.^.										
PROJECT & LEG MF02-11		YR H			1 Lu	7	4	ChlAM 109	TOR V			٠									^	_
ROJECT -02-11	<u></u>	C T		o 6mi	30	o cont	6MT		MOM C	TEMP.			,						,			
₽ ₹	DATE JD	0 5 0 0	ш	15:0	05:16:00 GMT	00:12:50	36:06	FLUOR 153	ERTEC	SEC.												
		4 W OS	JD/TIME	00:5/30	:50	:30	05:38:06	FLU	CTD CONVERTED MONITOR VALUES												-	\dashv
	TUDE			•	z'	•		42	CTD	PRI. TEMP.					}							
	LONGITUDE	00		N O	START DOWN	PTH	AT SURFACE	PAR 4242		°. PR	,											
		DEG /S	TIMES	DATA ON	STAR	АТ ОЕРТН	AT SU			, w												
EMAN	ш	Z 6		220						PRESSURE								,				
R FRE	LATITUDE	MIN 0		9+ S/N 91220	80020	710/884	915/530			PR												
/ MILLE	2	DEG 4		•	_	•			TRIP DEPTH		80	05	25	1000	360	50	0		0	0		
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST#	3 7	CTD	TYPE & SN	PRESS SN	TEMP SN	COND SN			•	3/)	,				04	1	20	_ (3	
<u> </u>	<u> </u>	0	20.	<u> </u>	<u>g</u>	<u>"</u>	8		POS.		7	0	2.5 3	100 4	S .	0.5	7 012	30 8	2 u 9	10	0 11	12
			100								081	150	13	7		٠ ا						

MAX FIB = 0.5 volts

	VESSEL NOAA R/V MI	VESSEL NOAA R/V MILLER FREEMAN			PROJEC MF02-11	PROJECT & LEG MF02-11	EG	76 c				8	STATION DESIGNATION	ESIGN,	ATION		
	CONSC	i i	TG FOR	ļ ,	÷) 2	TIME	DRY 1	WET	SESSURE STATE ASS	VISIBILITY	WIND W	VAPE LOUD (amt) V	ЯЭНТАЭ/	BOTTOM	STA.	ر و د ب
	(ASI #	LAIIIODE	LONGI JOB	- - -		ax I	HP MIN		900g		*	(cled)	1 · (s/m)	<u>۸</u> *			2
	038 88	7	15050.	36w0	5	<u> </u>	0 63 4		5	163	\$		287	5	26	6069	69
60	СТО		TIMES	JD/TIME	IME				DATA LOCATION	MOIT			REM	REMARKS			
	TYPE & SN	9+ S/N 91220	DATA ON	90	135.06	GMT	06:35:06 CMT Tape/Diskette ID	tte ID	Œ ,	File Name/Header	e/Hea	der					
	PRESS SN	80020	START DOWN	90	00:32:00	00 CMT											
	TEMP SN	710/884	AT DEPTH	00	06:41:00	00 6mT			!								
	COND SN	915/530	AT SURFACE	16.51	00:15	6MT							MAX	MAX. DEPTH =	1	06	E
h			PAR 4242		FLUOR 153	CHIA	4 109	- RANSMI	TRANSMISSOMETER		<u> </u>	eaned a	Cleaned air bleed valve	ralve			
	POS TRIP			STO CO	CTD CONVERTED MONITOR VALUES	ONITOR	VALUES			۲	SAMPI	SAMPLE BOTTLE	L	AMPLE	SAMPLE BOTTLE NUMBER	NUMBI	띪
		E		٠)	DATA			-		
		PRESSURE	RE PRI. TEMP.	EMP.	SEC. TEMP.	EMP.	PRI. SALINITY	Z IN	SEC. SALINITY	, √TI\	S.	SALINITY	SAL		NUTR. C	W CHL. N	WHIT'S NUTR.
	1 190								ů.					(0)	1036		
50	2 151			,										-2	637		
25	3 125			v		,			,					3	638	y.	
0.0	4 (0 (٠			I								9	639		
75	5 75													-2	049		
50	05 9		,										<u> </u>	•	149		
2	Qh 1	-				,								9	649	\	,
30	8 30											٠		9	673		
5.	7												<u> </u>	9	644	7	
10	10 //													10	540	7	
0	11 1		-											9	759	7	
	12									\dashv					3 6 4		
_																	

MAX FLO = 0.5 VOITS

PROJECT & LEG MF02-11	LONGITUDE DAT	DEG MIN DAY MO YR HR MIN (°C) (°C) (mb) * 1* (deg)	TIMES JD/TIME DATA LOCATION REMARKS	DATA ON OF:3/:00 6m/ Tape/Diskette ID	START DOWN 0 7:31:00 CMT	AT DEPTH 67:38:00 CMF		PAR 4242 FLUOR 153 Chiam 109 TRANSMISSOMETER Cleaned air bleed valve	CTD CONVERTED MONITOR VALUES DATA DATA	PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SAL., NUTR. CHL. NUTR.		847	677	(Pa)		1 859	1053	1 150		/ 929	オンツ
AAN	LONGITUDE	DEG MIN	TIMES	DATA ON	٥	4	0		CTD CON	**************************************											
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST # LATITUDE	DEG MIN	C. S. S. S. S. S. S. S. S. S. S. S. S. S.	TYPE & SN 9+ S/N 91220	PRESS SN 80020	TEMP SN 710/884	COND SN 915/530	•	POS. TRIP DEPTH	PRES	76 1 176	15/ 2 05.		100 4 100	`	9	40 7 39	30 8 29	26 9 20	10 / 0	0 11 3

Max Flo = 0.5 Volts

CONSC 5% CONSC CAST# L CTD TYPE & SN 9 PRESS SN 8 TEMP SN 7 TEMP SN 7 TEMP SN 7 TEMP SN 7	VESSEL NOAA RV MILLER FREEMAN CONSC	/50 47,3 LONGITU DEG MI (5 ¢ 4 4 . TIMES DATA ON START DOWN AT DEPTH AT SURFACE ■ PAR 4242	PROJECT & LEG MF02-11		WET BULB BULB BULB BULB BULB BULB BULB BUL	SAMPLE BO		STATION DESIGNATION WIND O WE HE BOTTOM STA. SPD. CI & WE DEPTH NAME/ID TAS CI & I 38 CI P 7 REMARKS AAX. DEPTH = m air bleed valve 130 c/b TTLE SAMPLE BOTTLE NUMBER	STA. NAME/ID C P P 9
1 143 1	13 1 PRESSURE PRESSURE 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	662 662 666 666 666 666 666 666 666 666	CHL. NUTR.

max (11 - 0.55

VESSEL NOAA RV MILLER FREEMAN	FREEMAN	,	PROJECT & LEG MF02-11	& LEG	2			STATIO	N DESI	STATION DESIGNATION	:	
9	79	150 45	sundani de la companya de la company	L	ò	ESSURE	A STATE YTIBIS	(3ms) QU	Е УТНЕЯ	MOTTO	V±0	<u> </u>
	LATITUDE	ŏ	DATE JD=	(GMT)	BULB	WEI EULB	© S WIND	SPD. CLO	dΛT √∃W	DEPTH	SIA. NAME/ID	A. E/ID
DEG	MIN	DEG MIN	DAY MO	YR HR MIN	(၁)	(°C) (mb)	* * (deg)	* (s/m)	*	(m)		
735110	9. 12N	15045.31	3 1 W & 50 CT	024951	6	2 9. 413	335052	298	46	9 2	0	113
СТО		TIMES	JD/TIME		_	DATA LOCATION		Œ	REMARKS	S		
TYPE & SN 9+ S	9+ S/N 91220	DATA ON		Tape/Diskette ID	ette ID	File No	File Name/Header					
PRESS SN 80020		START DOWN	!		ÿ.							
TEMP SN 710/	710/884	AT DEPTH					:	[,	,	
COND SN 915/		AT SURFACE						Σ	MAX. DEPTH =	PTH =		ε
		PAR 4242	FLUOR 153	ChIAM 109	TRANSMI	TRANSMISSOMETER	Cleaned	Cleaned air bleed valve	d valve	83m/s	_ 9	
POS. TRIP DEPTH			CTD CONVERTED MONITOR VALUES	TOR VALUES		-	SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	E NUME	3ER
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	∠LINI	SEC. SALINITY	SALINITY		SAL.	NUTR. 0	GH.	WHIT'S NUTR.
1000										671		
2 75,										672		
	*									673		
4 50 .										699		
5 'HO /	, .						÷		Ĭ	670		
7 % 9										674		
7 20 1	,						3			529		25
8 8										919		
0										24		
10						2			\dashv		-	
11				_	+						1	
12									7	1	-	

ely = 4.7

f1 max 2 0.5

VESSEL NOAA R/V MILLER FREEMAN	Z	PROJECT & LEG MF02-11	EG			STATION	STATION DESIGNATION	1	GP8A
CONSC CAST # LATITUDE	LONGITUDE	DATE JD=	TIME DRY (GMT) BULB	WET	SEA STATE VISIBILITY DINN N	TYPE SPOUD (amt) SPOUD S	E FT S BOTTOM S DEPTH		STA. NAME/ID
DEG MIN	DEG MIN	DAY MO YR	HR MIN (°C)	л) (С.)	(geb) *	* * (s/m)			
PH 35822.59	N 1 S P 4 1. 22	2 2 W \$ 5 0 C T 0 2	1263 9	7 9.749	45468	30	75	9	
СТО	TIMES JD.	JD/TIME		DATA LOCATION		E E	REMARKS		
TYPE & SN 9+ S/N 91220	DATA ON		Tape/Diskette ID	File Na	File Name/Header				
PRESS SN 80020	START DOWN						į		
TEMP SN 710/884	АТ DEРТН						٠		
COND SN 915/530	AT SURFACE					MA	MAX. DEPTH =		Ε
	PAR 4242	FLUOR 153 CHIAN		TRANSMISSOMETER	Cleaned	air bleed	Cleaned air bleed valve ∪/o	99/	
POS. TRIP DEPTH	CID	CTD CONVERTED MONITOR VALUES	VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE NU	/BER
PRESSURE	URE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY		SAL. NUTR.	CHL.	WHIT'S NUTR.
1 60							829		
2 56		4					629		
3 40			,				466		
							689		
5 20 %					-		059		
6 10°							169		
7 7							692		
8									
6									
10			ļ			_			
11			,						
12				-			-		

FIV ~ 0.5

VESSEL NOAA RV MILLER FREEMAN	REEMAN		PROJECT & LEG MF02-11	9:			STATIO	N DESI	STATION DESIGNATION $_{\mathcal{L}}$ $_{\mathcal{B}}$	68	36
CONSC 58 19	19 UDE	150 %	DATE JD=	TIME DRY (GMT) BULB	Y WET SSULB PR	SEA STATE VISIBILITY DIRN.	SPO (amt)	39YT MEATHER	воттом рертн	N IA	STA. NAME/ID
DEG MIN		DEG MIN	DAY MO YR	HR MIN (°C)	n) (၁°)	* * (deg)	(m/s)		(m)		
किया मा ठ छ । व	N 1	15040.15W	\$50CT02	134210	8 x y · φ / φ ·	45464	298	45	7		
сто		TIMES JD/TIME	IME		DATA LOCATION		<u>~</u>	REMARKS	S)		-
TYPE & SN 9+ S/N 91220	91220	DATA ON		Tape/Diskette ID		File Name/Header					
PRESS SN 80020		START DOWN		9							
TEMP SN 710/884	4	AT DEPTH									
COND SN 915/530	0	AT SURFACE	. ;				W	MAX. DEPTH	:PTH =		E
		PAR 4242 FI	FLUOR 153 CHIAM 109		TRANSMISSOMETER	Cleaned air bleed valve	air blee	d valve			
alat land				٦.		SAMPLE BOTTLE		SAME	PI F ROTT	N I	ARER
					:	DATA	<u> </u>	Š	W = 60		10L13
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	_	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 55				,					693		
2 500									664		
3 40			,						569		
4 30 .									969		
5 20						á:			269		
9 Z	:								360		
7 0 7									699		12
8									•		
6					-						
10											
11				^							
12											

EIN me = 4.3

VESSEL NOAA RV MILLER FREEMAN		PROJECT & LEG MF02-11	9:		S	TATION DE	STATION DESIGNATION	629
CONSC CAST # LATITUDE	LONGITUDE	DATE JD=	TIME DRY (GMT) BULB	WET BULB BRESSURE	SEA STATE VISIBILITY O WIND N. W. W. W. W. W. W. W. W. W. W. W. W. W.	WEATHER CLOUD (amt) D D D V	E BOTTOM DEPTH	STA. NAME/ID
DEG	DEG MIN	DAY MO YR	HR MIN (°C)	(°C) (mb)	* * (deg) (n	(m/s) * *	(m)	
4455815.90N	15038.88W4	450CT02	13549.	8 t 6 t	45633	26 8 79	2 2	
стр	TIMES JD/TIME	ME		DATA LOCATION		REMARKS	RKS	
TYPE & SN 9+ S/N 91220	DATA ON		Tape/Diskette ID	File Na	File Name/Header		٨	
PRESS SN 80020	START DOWN							
TEMP SN 710/884	АТ ОЕРТН					,		
COND SN 915/530	AT SURFACE		ļ			MAX.	MAX. DEPTH = 62	E E
	PAR 4242 FL	FLUOR 153 ChIAM 109		TRANSMISSOMETER	Cleaned a	Cleaned air bleed valve	Ye.	
POS. TRIP		CTD CONVERTED MONITOR VALUES	٦		SAMPLE BOTTLE		SAMPLE BOTTLE NUMBER	E NUMBER
. —	a .	8			DATA			
PRESSURE	RI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	WHIT'S CHL. NUTR.
199			21				300	
2 504		. 🔻				i	701	
3 40							404	
 							705	
5 400					¥6		703	
9					,	8	hot	
7 0 -							305	32
8							466	
6								
10								
11					ļ	<u> </u>		
12						=		
•	'			1 10/	hosyl / solf 1		sketa	

1 7 bottles marted as fired /8 bottles closed FIN ~ 0.4