										19															
12	11	10	9	œ	7	6	Çī.	4	3	2	_		POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0		CONSC CAST #	VESSEL NOAA R
				0	2 170	10 250	20 3/0	30 PO	40 50	2000	45		DEPTH		MP SN 530	ND SN 884	IP SN 710	ND SN 915				1951	DEG		א אווררפו ר
												PRESSURE			Ö	4			80020	9+ S/N 91220A		1 N8 45 95	MIN	LATITUDE	NOAA R/V MILLER FREEMAN
												PRI. TEMP.		MPAR 4242		7	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	16350	DEG MIN	ONG	
		_										EMP.	CTD CONV	V F± ≥		1			Ē		JD/TIME	69W22			
								i				SEC. TEMP.	CTD CONVERTED MONITOR VALUES	F-LUOR 133 Dis	SEA PICK						m	SEP0	MO	DATE JD=	PROJECT & LEG MF05-13
							· ·					PRI. SALINITY	OR VALUES	Dissolved Oxygen						Tape/Diskette ID		5/400	YR HR MIN	TIME (GMT)	* LEG
								¥.	3	۲.										tte ID			(°C)	DRY BULB	
	-		¥6.									SEC. SALINITY		Dissolve				 	 	File	DATA LOCATION		(°C)	WET	
													SAMPL	ssolved Oxygen						File Name/Header	NON		(mb) * * (PRESSURE SEA STATE VISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA							der			(deg) (m/s)	WIND WIND SPD. CLOUD (amt)	STATI
												SAL.	SAME	Cie]		MAX. DEPTH =			5	REMARKS		*	CLOUD (amt) TYPE WEATHER ~	STATION DESIGNATION
					4	6	S	f	V	کر	l	MORDY's NUTR.	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			PTH =			رو	S	- 6	(E)	BOTTOM DEPTH	GNATION
					<u>`</u>	\	<u> </u>	/	<u> </u>		/	CHL	LE NUME	leed valv						PRINT		7			
												WHIT's	3ER	re			m			 		001		STA. NAME/ID	

PG __ OF __

12	11	10	9	8 11	7 00 200	6	4	5 20 2	4 28	3 40 %	2 50%	1 65,		POS. IRIT	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	00256	DEG	CONSC CAST#	VESSEL NOAA R/V MILLER FREEMAN
					200	80		34	&				PRESSURE			530	884	710	915	80020	9+ S/N 91220A		52 60N	MZ	LATITUDE	ER FREEMAN
										:			PRI. TEMP.	CTD]		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JE	164193.32	DEG MIN	LONGITUDE	
	:										:		SEC. TEMP.	CONVERTED MONITOR VALUES	FLUOR 153 Diss	State of the state						JD/TIME	W42 SEP 0 5	DAY MO YR	DATE JD=	PROJECT & LEG MF05-13
													PRI. SALINITY	R VALUES	Dissolved Oxygen						Tape/Diskette ID		51708	HR MIN (°C)	TIME (GMT) DRY BULB	LEG
													SEC. SALINITY		Dissolved Oxygen			:			File Na	DATA LOCATION		(°C) (mb)	BULB WET PRESSURE	
													SALINITY	SAMPLE BOTTLE DATA	xygen						File Name/Header			* * (deg)	SEA STATE VISIBILITY DIRNU	STA
						13	 	, -		/0	5	×	SAL. NUTR.	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =			30 6.50	REMARKS	70	*	CLOUD (amt) TYPE WEATHER DEPTH	STATION DESIGNATION $2-1$
			0 8		1 8164	5978	9918	`	710 : /	8918	6918	418	WHIT's	LE NUMBER	deed valve			3		Ņ	CENTER.		0 8		M STA. NAME/ID	

ര്
2
0
위

12	11	10	9	°	10		+	5	4 40	3 50	2 60	1 66		DEPTH	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	00 55	DEG	CONSC CAST#	NOAA R/V MIL
													PRESSURE			530	884	710	915	80020	9+ S/N 91220A		00. 1912 1912	SZ.	LATITUDE	NOAA RIV MILLER FREEMAN
													E PRI. TEMP.	CID	PAR 4242			AT SURFACE	AT DEPTH _	START DOWN	DATA ON	TIMES	16413.11	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES	WETSTAR 678 Diss							JD/TIME	3 WASEPO	DAY MO YR	DATE JD=	MF05-13
													PRI. SALINITY	R VALUES	Dissolved Oxygen						Tape/Diskette ID	_	5022610.	R MIN (°C)	TIME (GMT) DRY BULB	LEG
													SEC. SALINITY		Dissolved Oxygen						File Nan	DATA LOCATION	910.004	<u>3</u>	BULB WET	
													SALINITY	SAMPLE BOTTLE DATA	ygen						File Name/Header		8 6 1 1		SEA STATE VISIBILITY DIRN. DIRN. SPO. CLOUD (amt)	STAT
			į	26	ינ	36	200	2,73	310	ינ		30 31	MORDY'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		8000		REMARKS	6	*	CLOUD (amt) TYPE WEATHER DEPTION	STATION DESIGNATION
					_	<				<			CHL. NUTR.	TLE NUMBER	bleed valve			m		20077			다 다	\dashv	M STA.	

12	11	10	9	8	011	+	6 77	5 [y]	4	ω (Jl	2 (60	1		POS. TH	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	O III	30	CONSC CAST#	VESSEL NOAA R/V N
											0.		PRESSURE	TRIP DEPTH		N 530	N 884	710	915	80020	9+ S/N 91220A) 0 2 4 2	DEG MIN	LATITUDE	VESSEL NOAA R/V MILLER FREEMAN
													E PRI. TEMP.	CTD CC	6AR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/I	16600.80V	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES	FLUOR 153 Dissolved Oxygen]					<u> </u>	JD/TIME	OWDH SET 05	DAY MO YR I	DATE JD=	PROJECT & LEG MF05-13
				- 11-									PRI. SALINITY	/ALUES	d Oxygen						Tape/Diskette ID	0	0 1 8 P 1	HR MIN (°C)	TIME GMT) DRY BULB	ြ
													SEC, SALINITY	Ş	Dissolved Oxygen				!		File Name/Header	DATA LOCATION	8.298	(°C) (mb) *	PRESSURE SEA STATE	
													SALINITY	SAMPLE BOTTLE DATA	an			M			/Header	77	2005	* (deg) (m/s) *	VISIBILITY DIRN. WIND SPD. CLOUD (amt)	STATIO
			-	// 6//	1/8/			1116	= 50	1114 /	117	スコールスー	MORDY'S SAL. NUTR. C	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		TO m (soboth		REMARKS	6	* * (m)	TYPE WEATHER BOTTOM	STATION DESIGNATION
<u> </u>			:										WHIT's	NUMBER	d valve			ж		7					STA. NAME/ID	

12 11	10	8	7 10	8	28	4	3 50	2	7		1 In	POS TRIB	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+ S/	СТВ	0165719	DEG	CONSC	NOAA RV MILLER FREEMAN
										PRESSURE					AT	AŢ		9+ S/N 91220A DA	크	. 34 N		<u></u>	REEMAN
										PRI. TEMP		V PAR 4242	_		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	6619.5	DEG MIN	- - - - - - - - - - - - - - - - - - -	
										SEC.	CID CONVERTED MONTOR VALUES	WETSTAR 678 V Dissolved Oxygen							JD/TIME .	9 w 24 s E	DAY MO		PROJEC MF05-13
										TEMP. PRI. S	ONITOR VALUES	Dissolved Oxyge						Tape/D		P 0 5	YR THE MIN	TIME	PROJECT & LEG
									-	PRI. SALINITY SE		ň						Tape/Diskette ID	DA:	-	N (°C)		
										SEC. SALINITY		Dissolved Oxygen		10 m				File Name/Header	DATA LOCATION	7		RESSURE EA STATE	
							:			SALINITY	SAMPLE BOTTLE DATA	jen		16 N				e/Header		.50	* Olan	(ISIBILITY END	ST
								3	\dashv	SA					MAX. DEPTH =		1	 .	REMARKS	6	* TY	OUD (amt) PE EATHER	STATION DESIGNATION
		7 621	176	77.	7 001	7 %	122 /	121		MORDY'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			= HTc				S	70	Ξ̈́	вотгом	GNATION -/
					1	1			\rightarrow	WHIT'S	UMBER	valve			з		7				NAME/ID	STA.	

12	11	10	9	8		7	6 75	5 70	4	+	15			DEPTH	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	01 757	DEG	CONSC CAST#	NOAA R/V MI
			<u>\</u>										PRESSURE	= '		530	884	710	915	80020	9+ S/N 91220A		726.61 N	MIN	1_	NOAA R/V MILLER FREEMAN
													E PRI. TEMP.	20 (10	PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	166311.36	DEG MIN	LONGITUDE	
													SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Dissolve							JD/TIME	W 24 S E P 0 5	DAY MO YR	DATE JD=	MF05-13
													PRI. SALINITY	VALUES	Dissolved Oxygen						Tape/Diskette ID	(B HOO!	HR MIN (°C)	TIME (GMT) DRY BULB	
													SEC. SALINITY		Dissolved Oxygen		W/0=62				File Nar	DATA LOCATION	8 7 499	3	BULB WET PRESSURE	
- American	/												SALINITY	SAMPLE BOTTLE DATA	ygen						File Name/Header		100.00		VISIBILITY DIRN. WIND WIND WIND SPO.	3
				72	2%(135	176	727	(%)	130	621	821	SAL NUTR (SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		山のあったっちゅう		REMARKS		-	CLOUD (amt) TYPE WEATHER DEPTH	
													CHL WHIT'S	NUMBER	ed valve			a		2					STA.	

POS.

12 ⇉ ð 9 œ G G ယ N CTD



12	1 0) (d	, ,	ي ا	7 10	6 70	5	4 20	3 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2 60	1 66			DOS TENE	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0225	DEG DEG	CONSC CAST #	NOAA R/V MI
												PRESSURE	<u> </u>		530	884	710	915	80020	9+ S/N 91220A		750.03 _N	MIN		NOAA R/V MILLER FREEMAN
												E PRI TEMP.	C	VPAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16759.49	DEG MIN		
												SEC. TEMP.	CID CONVERTED MONTOR VALUES	WETSTAR 678 Dissolv	ļ						JD/TIME	WZ4SEP05	DAY MO YR	5	MF05-13
												PRI. SALINITY	VALUES	Dissolved Oxygen	5 of of	1=1=				Tape/Diskette ID	,	649 8 .	HR MIN (°C)	TIME	S are 1
												SEC SALINITY		Dissolved Oxygen	\					File Nam	DATA LOCATION	\$	(°C) (mb)	W IT	
												SAI INITY	SAMPLE BOTTLE DATA	gen						File Name/Header) DIRN.	EA STATE /ISIBILITY X Z O OUD (amt	
			2010	012 1	011		010		×20%	007	200	MORDY'S	SAMPLE BOTTLE NÜMBER	Cleaned air bleed valve			MAX. DEPTH =		ملحملمه سركة		REMARKS	70	YW DEPTH	EATHER BOTO OM	STATION DESIGNATION
					+	+	+					WHIT's	MBER	alve			3	(5				NAME/ID	STA.	

12	11	10	9	8	7	o	0	3 4	Δ (w N	,		Ş	B	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	2	5	CONSC CAST #	NOAA R
				0	ē	0	3/2	3 3	00	S	200		DEPTH	5	MP SN 530	ND SN 884	MP SN 710	VD SN 915				5151/3	<u>ا</u> د	2	R/V MILLER
												PRESSURE				4			80020 S	9+ S/N 91220A D	-	30. [Z N]		JDE -	NOAA R/V MILLER FREEMAN
												PRI.	<u> </u> 	V PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	8018		LONG	
												TEMP.	CTD CON	1							JD/TIME	53w	Siz -		
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES	WETSTAR 678	ŀ						ñ	248 EP	DAY MO	1'''	MF05-13
	1			-									NITOR VAL	Dissolved Oxygen						Тар	_	0 5 / 8	ー え 天		MF05-13
17.												PRI. SALINITY	UES	xygen	W6 × 62					Tape/Diskette ID		8 408	MIN	T M	
	+					_					Н				62	,	1			0	DATA	00	(°C)	DRY BULB BU	
												SEC. SALINITY		Dissolved Oxygen	\			ļ		File Na	DATA LOCATION	.90)	(°C) (mb)	WET PRESSURE	-
												SALINITY	SAMPLE BOTTLE DATA	cygen						File Name/Header			*	SEA STATE VISIBILITY DELETION	
<u> </u>			<u> </u>									.	A A	•			3				70	717		SPD DUD (amt)	<u>ا</u> ئ
-	+		20	300	020	00	010	10	016	┼	Ш	SAL MOF	SAMPLE	Cleane			MAX. DEPTH =		1 2 3		REMARKS		*	TYPE WEATHER	D
			12	- 6	3	7	1	ソノ	6	V		MORDY'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			II	}	2000		3	70	(E)	воттом рертн	
					-						\vdash	WHIT'S	UMBER	valve			3		5					STA. NAME/ID	



3	11	10	9	_∞	-	7	n l	5	4	з	2	-			POS	SEC TEMP SN	SEC CO	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	13.0	3	CONSC CAST#	NOAA R
				b	P	3	75	B	9	20	160	600		DEPTH	TRIP	MP SN 530	SEC COND SN 884	MP SN 710	ND SN 915				41543	עבע		, R/V MILLE
													PRESSURE			0	4			80020 S1	9+ S/N 91220A D/	11	. UR O	3	JÖ E	NOAA R/V MILLER FREEMAN
													PRI. TEMP.		PAR 4242 0W			AT SURFACE	AT DEPTH	START DOWN	DATA ON	AMIT/OF SAMIL	6836.81 W	MIN	ONGI	
													SEC. TEMP.	CONVERTED MONTOR VALUES	WETSTAR 678 Dissolved Oxygen							ÎME	124 SEP05	DAY MO YR	D ₌	MF05-13
													PRI. SALINITY	VALUES	/ed Oxygen	-am	-				Tape/Diskette ID		1954 9.	HR MIN (°C)	TIME (GMT) DRY BULB	
						:							SEC. SALINITY		Dissolved Oxygen						File Na	DATA LOCATION	3 8.002	(°C) (mb)	BULB WET	
													SALINITY	SAMPLE BOTTLE DATA	(ygen						File Name/Header		ગ્રામ ગ્રામ ૦	* * (deg)	SEA STATE VISIBILITY DE NO.	<u>0</u>
		†					T		1			7	SAL	<u> </u>				MAX.		الر 3		REMARKS		s) * * *	CLOUD (amt) TYPE WEATHER	
			7	á	27	21	20	1/2	22	2	2	27	MORDY's	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =	- 1	おいっちょう		RKS	이누	(m)	BOTTOM DEPTH	STATION DESIGNATION
			•		\	<	•	<	Í	•			유	L'LE NUM	bleed val					1			0			
													WHIT'S	BER	ve			3					,		STA. NAME/ID	

12	1	10	9	o c		7	6	5	4	. ω	2	_		Ģ	B)	SEC TI	SEC C	PRI TE	PRI CC	PRESS SN	TYPE & SN	CTD	<u>ට</u> ව		CONSC CAST#	NOAA R
				b		5	ည ၁	3	5	O O	6	S		DEPTH	1010	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915				5573	DEG		RW MILLE
													PRESSURE			0	4			80020 S	9+ S/N 91220A D	=	37.76N	<u>M</u> Z	Ö	NOAA RV MILLER FREEMAN
													PRI. TEMP.	00 010	PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	19 6. BH89	DEG MIN	LONGITUDE	:
													SEC. TEMP.	CTU CONVERTED MONITOR VALUES	WETSTAR 678 Disso							JD/TIME	WAHSEP05	DAY MO YR	DATE JD=	MF05-13
													PRI. SALINITY	VALUES	Dissolved Oxygen						Tape/Diskette ID	-	2/09 8	HR MIN (°C)	TIME GMT) DRY BULB	- Inc
													SEC. SALINITY		Dissolved Oxygen					7	File Nar	DATA LOCATION	7 7.902	(°C) (mb)	B WET FRESSURE	
							:						SALINITY	SAMPLE BOTTLE DATA	ygen	-	h9=010				File Name/Header	2	r 1	(deg)	SEA STATE VISIBILITY DIRN. WIND SPD	STA
				7	ري و	35	E.	μ F	יני	UV.	\dashv	7	SAI MORDY'S	SAMPLE BO	Cleaned air			MAX. DEPTH =		コファイア		REMARKS		- 1	SPD. CLOUD (amt) IYPE WEATHER DEPTH	STATION DESIGNATION
					<	. <			7	\		_	S CHI WHIT'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			a		シャナ			6	1	OM STA.	Z

PROJECT & LEG PROJECT & LEG STATION D MF05-13 STATION D	PROJECT & LEG MF05-13
DRY BULB WET SS ATELY ORY BULB BULB REASIBLE WIND WIND UND UND UND UND UND UND UND UND UND U	DRY BULB WET SS ATELY ORY BULB BULB REASIBLE WIND WIND UND UND UND UND UND UND UND UND UND U
WET SURE TENTION DE STATION DE STATION DE STATION DE STATION DE MIND COUNTRY SEA SIBILITY (deg) (m/s) * (deg) (m/s	WET SURE TENTION DE STATION DE STATION DE STATION DE STATION DE MIND COUNTRY SEA SIBILITY (deg) (m/s) * (deg) (m/s
eader STATION DIRN. SPD. CLOUD (amt) REM. TYPE	eader STATION DIRN. SPD. CLOUD (amt) REM. TYPE
REMARK CLOUD (amt) ON DES	ION DESIGNATION STA. CLYPEA BOTTOM STA. CLYPEA BOTTOM NAME/I * * (m) REMARKS REMARKS MAX. DEPTH = m Cleaned air bleed valve SAMPLE BOTTLE NUMBER
101 101 1010 1010 102 102 102 1 1 1 1 1	BOTTOM DEPTH (m)

12	11	10	φ 0	8 10	15,51	ว์ ภ	6 2 0	5 3 0	4 4 0	O.		2 60	1 66		POS. TRIP DEPTH	1	SEC TEMP SN 5	SEC COND SN 8	PRI TEMP SN 7	PRI COND SN 9	PRESS SN 8	TYPE & SN 9	CTD	028575	DEG	1_	NOAA R/V MILLER FREEMAN
							<u> </u>							PRESSURE			530	884	710	915	80020	9+ S/N 91220A		ر ا ا ا ا	ĭZ Z	LATITUDE	R FREEMAN
														PRI. TEMP.	CTD C	PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16853.31	DEG MIN	LONGITUDE	
														SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Dissol							JD/TIME	W S E P O 5	DAY MO YR	DATE JD=	MF05-13
														PRI. SALINITY	: VALUES	Dissolved Oxygen						Tape/Diskette ID		0 4 50	HR MIN (°C)	TIME GMT) DRY BULB	i d
														SEC. SALINITY		_ Dissolved Oxygen						File Nar	DATA LOCATION	8 7.405	(°C) (mb)	BU WET BUT PRESSURE	
													() i	SAFINITY	SAMPLE BOTTLE DATA	ygen						File Name/Header			* * (deg) (m/s)	SEA STATE VISIBILITY DIRN. DIRN. SPD. CLOUD (amt)	o A
		69	5 (2	60	200	יין ל	אנ	九	八八	ST.JI	+	-	MORDY'S		Cleaned ai			MAX. DEPTH =			されてい	REMARKS	0.000	*	TYPE WEATHER	STATION DESIGNATION
				8818	8189	1 8190			V 8192	2 8193		01	<u> </u>	Ē	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			m			S STATE OF		OF O	S	OM STA.	Z

VESSEL NOAA R/V MILLER FREEMAN		PROJECT & LEG MF05-13		TE IY	~40
]¢	ONGITUDE	JD= TIME (GMT)	DRY BULB BULB	PRESSURE SEA STATE VISIBILITY DIRN.D	SPD. CLOUD (amt) TYPE WEATHER DEPTH
DEG MIN	H	MO YR HR MIN	(°C)	* * (deg)	* \
0295803.96N	1 684 7.79 w 25	S E P 0 5 1 1 2Z	ল	65	2
CTD	TIMES JD/TIME		DATA LOCATION	ON	REMARKS
TYPE & SN 9+ S/N 91220A	DATA ON	Tape/Diskette ID		File Name/Header	
PRESS SN 80020	START DOWN				H
PRI COND SN 915	AT DEPTH				
PRI TEMP SN 710	AT SURFACE				MAX. DEPTH =
SEC COND SN 884		z al C	() ×		
SEC TEMP SN 530		, ,	, ,		
	PAR 4242 WETSTAR 678	₹678 Dissolved Oxygen _	Dissolve	Dissolved Oxygen	Cleaned air bleed valve
POS. TRIP DEPTH	CTD CONVERT	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA	ဟု
PRESSURE	PRI. TEMP.	SEC. TEMP. PRI, SALINITY	NITY SEC. SALINITY	Y SALINITY	SAL. NUTR.
1 65					27 63
2 6 0					
3 5 0				:	8-
4 4 0					
5 3 0					0
6 2 0					o o
7 1 0					200
8					7
9					
10				-	
11					

12	11	10	9	8	7 1 0	6 2 0	5 3 0	4 4 0	5	2 6 0	1 000/06		DEPTH	7	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+	CTD	030574	DEG	1_	VESSEL NOAA R/V MILLER FREEMAN
												PRESSURE								9+ S/N 91220A DA	1	N 00 0 10 10 10 10 10 10 10 10 10 10 10 1	NIZ -	DE	FREEMAN
												PRI. TEMP	CIE	MPAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	6828.7	DEG MIN	LONGITUDE	
												P. SEC. TEMP				`					JD/TIME	6w25 SE	DAY MO	DATE JD=	PROJEC MF05-13
													CONVERTED MONITOR VALUES	Dissolved Oxygen	,	\ \ \/o				_ Tape/		P05)4	YR HR	TIME (GMT)	PROJECT & LEG MF05-13
				-								PRI. SALINITY 8	i i	gen	***	10° 611				Tape/Diskette ID	5	48 9.0	\mathbf{z}	E DRY BULB	
												SEC. SALINITY		Dissolved Oxygen	\					File Na	DATA LOCATION	1	3	BULB WET	
										55		SALINITY	SAMPLE BOTTLE DATA	xygen						File Name/Header		55	* * (deg)	SEA STATE VISIBILITY DESCRIPTION VISIBILITY	(0)
											17	SAL					MAX.		4		REMARKS	-	*	SE DECLOUD (amt) TYPE	TATION DES
	+	+		70	2	76	75	70	73	77	-	MORDY's	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		3 7 68		\RKS	17.	\exists	WEATHER BOTTOM	STATION DESIGNATION
				_					<		_	CHL. WHIT'S	ENUMBER	leed valve			3		6257					STA.	

	12	1	10	9	8	1 0	-	s	5 3 0	4 4 0	3 5 0	2 6 0	1 67		DEPTH		SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+ S/N	CTD	03115739	DEG MIN	CONSC LATITUDE	VESSEL NOAA RV MILLER FREEMAN
														PRESSURE]]		AT SU	AT DEPTH		9+ S/N 91220A DATA ON	TIMES	75N169	V DEG		REEMAN
											:			PRI. TEMP.	CID	PAR 4242]		AT SURFACE	PTH _	START DOWN	ON	3 JD/TIME	011.	MIN	LONGITUDE	
														SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Disso							IME	90W 748 EP 0 5	DAY MO YR	DATE JD=	PROJECT & LEG MF05-13
														PRI. SALINITY	VALUES	Dissolved Oxygen	· -	16.6				Tape/Diskette ID		810 9	HR MIN (°C	TIME (GMT) DRY BULB	EG
														SEC. SALINITY		Dissolved Oxygen							DATA LOCATION	9) (°C) (m	WET BULB	
														SALINITY	SAMPLE BOTTLE DATA	Oxygen		*				File Name/Header	N	184	* * (deg)	PRESSURE SEA STATE VISIBILITY DIRN. WIND CLOUD (amt)	STA
				5	2	20 17:	H&	がい	0 7	2	2	89	DF 178	MORDY's					MAX. DEPTH =	i	N H SA		REMARKS		*	CLOUD (amt) TYPE WEATHER DEPTH	STATION DESIGNATION
-				•			<	. <	×					WHIT'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			m		ATTH			8	\dashv	DM STA.	ž

12	1	10	g	8	1 0		6 2 0	5 3 0	4 4 0	5 0	6	1		DEPTH		SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+ S/	CTD	0335758	DEG MIN	1_	NOAA R/V MILLER FREEMAN
													PRESSURE					AT S	AT D		9+ S/N 91220A DAT	TIMES	当 万 2	DEG DEG	JDE .	REEMAN
													PRI. TEMP.	CTD CC				AT SURFACE	AT DEPTH	START DOWN	DATA ON		69211.48V	MIN	LONGITUDE	
													SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Dissolved Oxygen							JD/TIME	WANTS EPO5	DAY MO YR	DATE JD=	PROJECT & LEG
													PRI. SALINITY	R VALUES	olved Oxygen						Tape/Diskette ID		31188	HR MIN (°C)	TIME (GMT) DRY BULB	LEG
													SEC. SALINITY		Dissolved Oxygen					<u> </u> 		DATA LOCATION	800.14	(°C) (m	WET	
				1000									SALINITY	SAMPLE BOTTLE DATA	Oxygen						File Name/Header	Ž	2401	* * (deg)	PRESSURE SEA STATE VISIBILITY DIRN. DIRN. SI W	S
	 - -							٥	٥	0	٥	٥	SAL. MO	- "	Clean			MAX. DEPTH =	工	303		REMARKS	O		CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
			+		٥ \	8	1	200		1 FP	96	95	MORDY'S NUTR. CHL.	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve				- 26	1 sobath			600		BOTTOM S	JATION
					_								WHIT'S NUTR.	SER.	è			3	יעי	T(1)					STA.	

12	 10	9	8	7 1 0		- 1	5 3 0	4 4 0	3 5 0	2 6 0	1 66		POS. TRIP DEPTH	1	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+	CTD	0 8 2 8 0 0	DEG	1_	VESSEL NOAA R/V MILLER FREEMAN
												PRESSURE								9+ S/N 91220A D	<u> </u>	لد لا	ME I	LATITUDE	FREEMAN
												PRI. TEMP.	CTD CO	WPAR 4242 WW			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16938.89W	DEG MIN	LONGITUDE	
												SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Dissolve							IME	W25 SEP05	DAY MO YR	DATE JD=	PROJECT & LEG MF05-13
												PRI. SALINITY	VALUES	Dissolved Oxygen						Tape/Diskette ID		2330 9.4	HR MIN (°C)	TIME (GMT) DRY BULB	ïG
												SEC. SALINITY		Dissolved Oxygen		!				File Nar	DATA LOCATION	7.2	(°C) (mb)	BULB WET	
												SALINITY	SAMPLE BOTTLE DATA	ygen						File Name/Header		(U.)	* * (deg) (m/s)	SEA STATE VISIBILITY DIRN. SPD. WIND CLOUD (amt)	STA
			4	109	100	101	125		5	104	100	MORDY'S	v)	Cleaned air bleed valve		:	MAX. DEPTH =		TO m 150hath		REMARKS) * * * (m)	CLOUD (amt) TYPE WEATHER DEPTH	STATION DESIGNATION
			<		<		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					WHIT'S	ENUMBER	eed valve			3							STA. NAME/ID	

SS N 9+ S/N 91220A DATA ON DATA DOWN SS N 80020 START DOWN START DO	SEL A RV MILL ST # DEG	Z	ONGITUDE	PROJECT & LEG MF05-13 DATE JD= DAY MO YR H DAY MO YR H	TIME (GMT) DRY BULB	WET BULB	* SEA STATE * VISIBILITY DIR. VIND Geg 99	STATION DESIGNATION WIND OUD (amt) TYPE WEATHER (m) (m) (m) (m)
94 S/N 91220A DATA ON Tape/Diskette ID File Name/Header 1915 START DOWN 915 AT DEPTH 1710 AT SURFACE		9	<u>8</u> 17: 1	n n		DATA LOCA		REMARKS
START DOWN 915		L			Tape/Diskette ID	File	Name/Header	
915 AT DEPTH 710 AT SURFACE 884 FRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY SALINITY SALINITY SALINITY SEC. SALINITY SALINITY SEC. SALINITY			START DOWN					Atom 2 hoth
NAT SURFACE			AT DEPTH					- 1
10 10 10 10 10 10 10 10			AT SURFACE					MAX. DE
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY								
TRIP CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE			<u> </u>			7/2		
DEPTH	1			ETSTAR 678 Disson	ved Oxygen	Dissolved	Oxygen	င္စ
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY SALINITY SALINITY SALINITY SEC. SALINITY SALINITY SEC. SALINITY SALINITY SALINITY SALINITY SEC. SALINITY SALINITY SEC.				NVERTED MONITOR	VALUES		SAMPLE BOTTI	တ
6 0 0 6 0 0 1 1 1 0 1 1 1 1 1 1 1 1 1 1		PRESSURE		SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	\dashv	SAL. NUTR.
6 0 5 0 4 0 4 0 7 0 7 0 7 0 7 0 7 0 7 0 7 0 7			1				_	27
1 2 3 4 5 T								
1 2 3 4	5							
1 2 3	4							
1 2	3							
_	2							
9 10 11 11 11 11 11 11 11 11 11 11 11 11								
11	9							
	10							
	1							

12	1	10	9	000].	7	6	ა	4		در	2	-1		Ç		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	رن 0	-	CONSC CAST#	NOAA R
				0	-	- [2 0	3 0	40	- 1	n	6 0	હુર હ		DEPTH		MP SN 530	ND SN 884	MP SN 710	ND SN 915	SN 80020			(C) (C) (C) (C)	DEG		VESSEL NOAA R/V MILLER FREEMAN
														PRESSURE								9+ S/N 91220A		6 . I	S Z	LATITUDE	FREEMAN
											1					PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1701	DEG	LON	
														PRI. TEMP.	CIDCC		Į		E E		×Z]	JD/I	6 · 2 V	MZ	LONGITUDE	
														SEC. TEMP	CONVERTED MONITOR VALUES	WETSTAR 678							JD/TIME	W S E	DAY MO]:''	MF05-13
										_		_		EMP.	MONITOR	Dissolve	\ \ 2				'			P 0 5 0	Ř		MF05-13
														PRI. SALINITY	/ALUES	Dissolved Oxygen						Tape/Diskette ID		H H 8	HR MIN	MT) ME	G
-						+					 		+							<u> </u>		tte ID	D	00	င်	DRY BULB	
														SEC. SALINITY		Dissol	\	100-	1			<u>i</u>	DATA LOCA	6	(ီ)	WET BULB	
+	1					+	-			<u> </u>		1	- -		SAN	Dissolved Oxygen		69				File Name/Header	CATION	6	(mb) * *	PRESSURE SEA STATE VISIBILITY	
													i i	SAI INTY	SAMPLE BOTTLE DATA							eader		1941	(deg) (r	WIND DIRN.	8
$\frac{1}{1}$			[[I	-		S A					MAX.				REMARKS	0	(m/s) * *	CLOUD (amt) TYPE WEATHER	INCIDATION DE
				こと	2 8 4 5	3 12 13	4 5 6 7	3	الرا	100	1,50	130	+	-	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =				RKS	-		WEATHER BOTTOM DEPTH	STATION DESIGNATION
				_		k		`	<	<			5	E	TLE NUM	bleed vai											Ž
													7	WHIT's	BER	Ve			3							STA. NAME/ID	

12	10	9			7 10	6 2 0		5 3 0	4 4 0	3 5 0	6 0	63	PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY SALINITY	DEPTH CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE SAMPLE DATA	WPAR 4242 UMETSTAR 678 UDISSOIVED OXYGEN DISSOIVED OXYGEN	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710 AT SURFACE MAX. DEPT.	PRI COND SN 915 AT DEPTH	PRESS SN 80020 START DOWN	TYPE & SN 9+ S/N 91220A DATA ON Tape/Diskette ID File Name/Header	CTD TIMES JD/TIME DATA LOCATION REMARKS	193	(m/s) * * *	LATITUDE LONGITUDE DATE JD= TIME WET STATE SEA STATE OF THE SEA	NOAA R/V MILLER FREEMAN MF05-13 MF05-13 STATION DESIGN
			731 7	N PP	4	148 1	一十十二			145	_	63 143	SAL. NUTR. CHL. NUTR.	S	Cleaned air bleed valve			MAX. DEPTH = m		TOM STATE				(m)	ITYPE	STATION DESIGNATION

12	11	10	9	8		1 0) (Ú)	4	ω	2			POS. IRIT	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0 F 0	DEG	CONSC CAST#	VESSEL NOAA R/V MILLER FREEMAN
				0	-	- 1	- 1	- 1	4 0	5 0	6	67		∄ [‡] ₹		530	V 884	710	915	80020	9+ S/N		म १८०	MIN	LATITUDE	IILLER FR
												:	PRESSURE								9+ S/N 91220A	j	O C Z		JDE	EEMAN
					-								m]	MPAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	101	DEG	<u>.</u>	
													PRI. TEMP.	 				ACE	I	NWO	_		A .	MIN	LONGITUDE	
							_	1					סֹּ,	D CONVE	WETS.							JD/TIME	SI × > 6	DAY	DATE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES	WETSTAR 678 Dissolved Oxygen]							SEP	Y MO	TE JD=	PROJEC MF05-13
		_						<u> </u>						NITOR V	Dissolved	J			ì		Te		0 5	ЖH		PROJECT & LEG MF05-13
													PRI. SALINITY	\LUES	Oxygen						Tape/Diskette ID		040	HR MIN	TIME (GMT)	
		_						+													tte ID		DO	(၀)	DRY BULB	
													SEC. SALINITY		Poiss						70	DATA LOC	7	(0°)	WET BULB	
			\downarrow										YTIN	(0	ssolved Oxygen			,			File Name/Header	CATION	005	(mb) *	PRESSURE SEA STATE	-
													SALINITY	SAMPLE BOTTLE DATA	en						/Header		188	* (deg)	VISIBILITY DI WIND PRIND	
													TY	OTTLE A				7	_			-	V~		SPD. CLOUD (amt)	STATIC
1	_				_					-	-	49	SAL.	SAMP	Clea			MAX. DEPTH =				REMARKS		*	TYPE WEATHER	NOITANDISED NOITATS
			\dashv	-	IT L	5	UI	17	-	12	(R. P.)	\5\	MORDY's NUTR.	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			TH=				U)	0	(m)	BOTTOM DEPTH	NATION
	-		_				\	<		`			CHL.	E NUMB	leed valve			Э							STA.	
													WHIT's NUTR.	别	••			٠	ļ						A. E/ID	

PG H OF_

12	1	10	9	œ	7 00	2		5 33 30 3	4 37	3 40 1	200	1		DEPTH	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	04159	DEG	CONSC CAST#	VESSEL NOAA R/V MIL
				7		78		Ž	<u>Z</u>	7	3	N	PRESSURE	Ŧ Š		530	884	710	915	80020	9+ S/N 91220A		106.65 N	MIN	LATITUDE	VESSEL NOAA R/V MILLER FREEMAN
							:						RE PRI. TEMP	C	VPAR 4242		,	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	17014.4	DEG MIN	LONGITUDE	
													IP. SEC. TEMP.	CTD CONVERTED MONITOR VALUES	WETSTAR 678 UDI				i			JD/TIME	JW26SEP0	DAY MO Y	DATE JD=	PROJECT & LEG MF05-13
													PRI. SALINITY	OR VALUES	Dissolved Oxygen	1					Tape/Diskette ID		5 8 7 8	YR HR MIN (°C)	TIME (GMT) DRY BULB	& LEG
			:										SEC. SALINITY		Dissolved Oxygen	14.	3175					DATA LOCATION	. 1 7.004) (°C) (mb)		
													SALINITY	SAMPLE BOTTLE DATA)худеп				:		File Name/Header	-		* * (deg)	SEA STATE VISIBILITY DIR.	SIA
					005	200	100	200	67	[9]	160	14 159	MORDY'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		10 m		REMARKS	6	s) * * * (m)	SPD. CLOUD (amt) TYPE WEATHER DEPTION	STATION DESIGNATION
				ni .	<			,			<u> </u>	•	CHL. NUTR.	TLE NUMBER	bleed valve			3		50000			7		M STA.	

73	<u></u>	10	9	œ	7	o	C)	4	ω	2	_	POS	ITION			SEC C	PRI CC	SEC T	PRI TE	00 TO 00 ON	عــ		CONSECUT	IVE		VESSEL
			5m-from bot.	20em 0	180m/0	5em 20	40/170	38mg/o	8 Jags	16m 60	20 20	TRIP DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	" + ? ?	3 49	-	1—		/ON	Ē
			odt.									PRESSURE				530	915	884	710	80020	19177	N N	ATITUDE		AA Ship MIL	
															CTD C	YPAR S/N=	AT SURFACE	AT DEPTH	START DOWN	NO ATAC	17039	DEG MIN	ONG		NOAA Ship MILLER FREEMAN	
												PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	4242				HALES	89 26	DAY	-		IAN	
						And the same and t						SECONDARY TEMP	W0=65	_	IITOR VALUES	FLUOR S/N=				Tane/Diskette ID	SEP 0	MO YR	-		MF-05-13	PROJECT & LEG
												TEMP	3	Q I	D 350/2			1	ı	5	84018	HR MIN	ର ⊒		13	LEG
												SALINITY		V	Dissolved Oxygen	678				File Name/Header	8.3	റ്	ω ¬			COD 1.D.
															64	유	MA			_	6.80		ω ¬			Ċ
												SALINITY	DATA	BOTTLE	CAMBIE	ChLAM S/N=	MAX. DEPTH (m)	Cleaned air bleed valve			73 516	-	SEA STATE VISIBILITY WIND	7		0
																		d valve	103		2,5	Knt's	WIND SPE	ΞD	J	
						0			6		47	SAL			SAMPL					Ç			CLOUD (an TYPE WEATHER	nt)	9)	STATION DESIGNATION
				810	217	20	210	410	210	210	10	NUTR			E BOTTLI				13000	-	69		BOTTOM			S
												CHL NUTR			SAMPLE BOTTLE NUMBER								STATION NAME / ID			

PG 47 OF

12	=======================================	10	ဖ	ω	7	თ	Ch	4	ω	2	_	POS	ITION		SEC C	SECT	PRI TE	PRESS SN	SBE 9+	2		CONSECUTIVE CAST #		VESSEL
			5m from bot	200m ()	180m20	50m20	49m 30	30m40	28m 50	10m60	am 65	DEPTH			SEC COND SN	SEC TEMP SN	PRI TEMP SN	SSN	+	4997	DEG		ΝΟλ	ĬĒ.
			ot.									PRESSURE			530	9 88 4 7.	710	80020	91220	200 20	MIZ	ATITUDE	NOAA Ship MILLER FREEMAN	
												R			V PAR S/N=	AT SCIPFACE	START DOWN	DATA ON		<u>8</u>	DEG	Ō	LER FR	
												PRIMARY TEMP		CONVER	"	CFI	WN		TIMES	53.29	MIN	LONGITUDE	EEMAN	
												 	1/0=65	ED MONI	4242					26	DAY			
												SECONDARY TEMP	2	TOR VAL	FLUOR S/N=			Tape/Diskette ID		SEP	MO	DATE	MF-	PROJECT & LEG
												ARY TEN	79.9		S/N=			skette ID	DATA	150	Ϋ́R		MF-05-13	OT & LE
												ΛP	CK)	•			1		DATA LOCATION	2 2 2	HR MIN	TIME		G
												SALINITY	0		678			File Name/Header	_	00	റ്	DRY		co
												Υ'						er		6.2	റ്	WET		COD I,D.
															ChLAM S/N=	MAX DEPTH (m)		·		20	mb	PRESSURE		
												SAL	SAN BO		S/N=	aned a				3		SEA STATE VISIBILITY WIND		
												SALINITY	SAMPLE BOTTLE DATA		(111)	m)	ć	ال ا		30	deg	DIRECTION		S.
															:	Cleaned air bleed valve	3		REMARKS	7,2	knt's	WIND SPEED] -	FATION
											25	SAL		SA	i		130 00 14		RKS	-		CLOUD (amt) TYPE	10-	DESIG
				920	520	420	QZ 3	220	120	020	019	NUTR		SAMPLE BOTTLE NUMBER			1	1		7		WEATHER BOTTOM		STATION DESIGNATION
				<	<	\	<	<	<			足		TLE NC										
												WHIT's		JMBER								STATION		

Ğ 11 Ç

12	<u> </u>	10	9	ω	7	6	თ	4	ω	2	_	POS	SITION	SEC C	PRI C	SEC T	PRI TEMP	SBE 9+	عہ		CONSECUTIVE CAST#		VESSEL
			5m from bot	200m C	\$6m10	Sam 18	49/12	9 mg	35	18moo	266	TRIP DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN) +) : ,	625	DEG		NO	ř
			bot.									PRESSURE		530	915		710		35.80		LATITUDE	DAA Ship MILL	
												E PRIMARY TEMP	CTD CONVERTE	VPAR S/N= 42	AT SURFACE	AT DEPTH	START DOWN	TIMES	17054.91	DEG MIN	LONGITUDE	NOAA Ship MILLER FREEMAN	
												MP SECONDARY TEMP	CTD CONVERTED MONITOR VALUES T'S. ON	4242 VFLUOR S/N=			l ape/Diskette ID	DATA LOCATION	26 SEP 0513	YR H	DATE 0	MF-05-13	PROJECT & LEG
												SALINITY	B	678			rite Name/Header	CATION	98 0 0 8 . Z 7 . °	MIN °C	TIME DRY WET		COD I.D.
												SALINITY	SAMPLE BOTTLE DATA	ChLAM S/N=	MAX. DEPTH (m)	Cleaned air bleed valve	403	REMARKS	902 3276.8	mb deg knt's	PRESSURE SEA STATE VISIBILITY WIND DIRECTION WIND SPEED		STATION
											22	SAL	SAM			1	150000	\RKS	20		CLOUD (amt) TYPE WEATHER	F	STATION DESIGNATION
				074	220	240	R	950	620	028	927	NUTR	IPLE BOT				OF THE				BOTTOM	1	NATION
				-	١	<	*	<	7			CHL V	SAMPLE BOTTLE NUMBER						0				
												NUTR	ËR								STATION NAME / ID		

12	 10	9	8	7 1	ග හුා	U)	4	3	2	1		IOITI	١		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	<u>-</u> ¢		CONSECUTIVE CAST #		VESSEL
		5m from bot.	200m O	# Tom O	50m20	48m30	36m40	36m.20	1000	8	DEPTY P				ND SN	ND SN	MP SN	AP SN	S Z	994	DEG	5	NOA	
											PRESSURE				530	915	884	710	91220 80020	306	<u>≤</u>	ATITUDE	NOAA Ship MILLER FREEMAN	
											JRE				UPAR S/N=	AT SURFACE	AT DEPTH	START DOWN	DATA ON	1171	DEG	5	ILLER FR	
											PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	/N=	CE		NW	TIMES	28	MIZ	LONGITUDE	EEMAN	
											1			TED MONIT	4242 JF					2	DAY			
											SECONDARY TEMP	,	20202	OR VALUES	JFLUOR S/N=	`			DATA (SEP 0	MO YR	DATE	MF-05-13	PROJECT & LEG
											TEMP	-	20	40:00					00,	90h15	HR MIN	TIME	13	LEG
											SALINITY			A	678 L				ATION File Name/Header	0 8.7	1	DRY		2
										: :	TY		,	Q					er —	7 7 4	ဂိ	WET		COD I.D.
															ChLAM S/N=	MAX. DEPTH (m)	Clear			02	mb	PRESSURE SEA STATE		
											SALINITY	DATA	BOTTLE	SAMDIF	=N/S	PTH (n	Cleaned air bleed valve	70	1	Ÿ	deg	VISIBILITY WIND		
											ΥT	13	in i	Π		1)	oleed v	0		75	-	DIRECTION	-	STAT
									3	. **							alve		REMARKS	7.0	knt's	WIND SPEED	TI	ION DI
										6	SAL			SAM				A SOROGY	C S			CLOUD (amt) TYPE WEATHER	-	STATION DESIGNATION
		•	740	041	040	079	038	047	036	550	NUTR			SAMPLE BOTTLE NUMBER				•		7		BOTTOM		TION
		,		9	<	<	<	<			욷			TLE NU						0				
											WHIT's			MBER								STATION NAME / ID		

ה ה ē Ç

12	1	10	9	ω	7 4	<u>ග</u>	55	4	ω	2 1	1		ITION	1		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	7		CONSECUTIV	=	VESSEL
			5m from bot	200m 0	150m0	80m (20)	4016	S mo	Self of	10/10/10	Om be	DEPTH				ND SN	ND SN	MP SN	MP SN	2 .	750	DEG		- NO	
			ot.									PRESSURE				530				91220	46.78	MIN	ATITUDE	AA Ship MILL	
	·- - ,											E PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	UPAR S/N=	AT SURFACE	AT DEPTH	START DOWN	TIMES	171127.117	DEG MIN	LONGITUDE	NOAA Ship MILLER FREEMAN	
															RTED MONIT	4242 UF					768	DAY	1		1
												SECONDARY TEMP	64	di	OR VALUES	FLUOR S/N=	\		ape/Disvette ID	DATA	SEP 05	MO YR		MF-05-13	PROJECT & LEG
												GIMP	-4	1, 04/E						00	777	TR MIN	TIME		EG
												SALINITY		(S)	•	678			The Ivallies reader	ame/Heade	7	റ്	DRY		COD I.D.
																C	\ \			_	7.40	റ്	B T	_	I.D.
																ChLAM S/N=	MAX. DEPTH (m)	Cleane			2	m _b	PRESSURE SEA STATE		
												SALINITY	DATA	SAMPLE BOTTLE		Ž	7TH (m)	Cleaned air bleed vaive	JO L		7006	deg	VISIBILITY WIND DIRECTION		S
																		d vaive	3	REMARKS	28	knt's			FATION I
										,	Z	SAL		•	SAM	7			150805	RKS			CLOUD (amt) TYPE WEATHER	I 6	STATION DESIGNATION
			•	0,0	245	840	CHT	alp.	250	044	540	NUTR			SAMPLE BOTTLE NUMBER				7		7		BOTTOM	-	ATION
				<	<	<	`	<	\			CH			TLE NUN									_	
												NUTR			/IBER								STATION NAME / ID		

Ğ C

3	=	10	ဖ	00	7	တ	57	4	ω	2	->	POS	ITIOI	N	SEC C	PRI CC	SEC T	PRI TEMP	SBE 9+	_د		CONSECUTIVE CAST#		VESSEL
			5m from bot	200m/O	\$0m0	50m20	AOM S	30/11/20	2000	10mbo	0m67	TRIP DEPTH			SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	ý T	32	DEG		NO/	EF
			ot.									PRESSURE			530			710		19.66	MIN	ATITUDE	NOAA Ship MILLER FREEMAN	
				V. J.										Ç	PAR S/N=	AT SURFACE	AT DEPTH	START DOWN	DATA ON	1714	DEG	LONG	LER FRE	
												PRIMARY TEMP		CTD CONVERTED MONITOR VALUES d^{1}		[1]		2	TIMES	8 77	MIN	LONGITUDE	EMAN	
	09.50													D MONII	4242 ⊌F					26	DAY			
												SECONDARY TEMP		ror values	FLUOR S/N=	12		- aper Distrette 10	DAT,	SEP 05	MO YR	DATE	MF-05-13	PROJECT & LEG
												EMP		四日 计					00) 6P	HR MIN	TIME	3	Ġ
												SALINITY		Q	678	300		The Name/Deader	Z Z Z Z Z Z Z Z Z	00	ငိ	DRY		0.100
												~				7		-	_:	7.60	റ്	WET		1.0
												:			ChLAM S/N=	MAX. DE	Clear			2	mb	PRESSURE SEA STATE		
												SALINITY	DATA	SAMPLE	S/N=	MAX. DEPTH (m)	ed air bleed	403		264	deg	VISIBILITY WIND DIRECTION		U
																	valve	150000	REMARKS	1.5	knt's	WIND SPEED	I	ALION
											Z	SAL		SAMP				2	RKS			CLOUD (amt) TYPE WEATHER	トトナ	STATION DESIGNATION
				820	057	950	550	220	053	250	150	NUTR		TE BOTTI						72		BOTTOM		ION
						,		_				CHL NUTR		SAMPLE BOTTLE NUMBER								STATION NAME / ID		

Ğ

Ť	1	10	9	00	7	თ	Çī,	4	ω	2	_	POS	iTIO	N		SEC C	PRI C	SEC T	PRI TEMP	SBE 9+	#		CON	ISECUTIVE T#		VESSEL
			5m from bot	200m	150m10	Som 20	Semes.	St mos	28m 50	som 60	0m 70	TRIP DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	+	959	DEG			N	ËL
			bot.							33		PRESSURE				530 YPAF			710 START DO		50.85 17		LATITUDE		NOAA Ship MILLER FREEMAN	
												PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	PAR S/N= 4242	FACE	TH	START DOWN	TIMES	206 43	A N	LONGITUDE		FREEMAN	
												SECONDARY TEMP		dis. on. 100 70	MONITOR VALUES	2 FLUOR S/N=			I ape/Diskette iD	DATA	16 SEP 05	DAY MO YR	DATE		MF-05-13	PROJECT & LEG
						,							8	Die		678			o rae Name/neader	20	733 7	HR MIN °C	GMT BULB	TIME DRY		G
												SALINITY				<u>ا</u>			Teaue		27 7 80	ငိ	DD	YY WET		COD I.D.
												SALINITY	DATA	SAMPLE BOTTLE		ChLAM S/N=	MAX. DEPTH (m)	Cleaned air bleed valve	703	RE	100	mb deg kr	SEA VISI WIN DIRE	ECTION		STATI
											72	SAL		 -	SAMI	₹.		ive	150back	REMARKS	5.2	knt's	CLO	D SPEED UD (amt) E ATHER	187	STATION DESIGNATION
			À	8	65 ~	64 4	63	129	6	60	22	~			SAMPLE BOTTLE NUMBER				1		74		DEPTH	воттом		TION
												CHL NUTR			NUMBER							-	NAME / ID	STATION		

12	11	10	9	ω	7	ത	C1	4	ω	2		POS	ITION	SEC (PRI C	SEC 1	PRESS SN	SBE 9+	70		CONSECUTIVE CAST #		VESSEL
			5 m from b ot	200m (150m (50m 2	40m 30	30m 4C	20m x1	20 m 62	8	TRIP DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	PRESS SN	Ť	OSA	DEG	·	Z	E SE
			rbot.			3	8	9	0			PRESSURE		530 YP			710 STAF		153.54 17		ATITUDE	NOAA Ship MILLER FREEMAN	
												PRIMARY TEMP	CID CONVERTED MONITOR VALUES	PAR S/N= 4242	AT SURFACE	AT DEPTH	START DOWN	TIMES	71 42 71	SIZ	LONGITUDE	FREEMAN	
												SECONDARY TEMP		FLUOR S/N=			l ape/Diskette ID	DATA LOCATION	6 SEP 0 519	Ϋ́R H	DATE T	MF-05-13	PROJECT & LEG
												SALINITY	W/0 63	678			File Name/Header	CATION	904 7.2	MIN °C	TIME DRY WET	して	COD I.D.
												SALINITY	SAMPLE BOTTLE DATA	ChLAM S/N=	MAX. DEPTH (m)	Cleaned air bleed vaive	SULU	쮸	0 2 0 8 8 9	mb deg k	PRESSURE SEA STATE VISIBILITY WIND DIRECTION WIND SPEED	400	STATIC
				74	77	77	71 /	7	69	20	10 67	SAL NUTR CHL NUTR	SAMPLE BOTTLE NOMBER			Ve	CENTER	REMARKS	70		CLOUD (amt) TYPE WEATHER DEPTH NAME / ID		STATION DESIGNATION

12	11	10	9	8	-	•	6 2 0	5 3 0	4 4 0		ת	2 6 0	1 58	70	DEPTH	1	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+ S/N 91220A	CTD	০ জ ৯ জ ৭ ৯ ৯ .	DEG MIN	1 ₅	NOAA R/V MILLER FREEMAN
														PRESSURE		V PAI			AT SURFACE	АТ DEPTH	START DOWN	91220A DATA ON	TIMES	1 T N / 1	DEG		EMAN
														PRI. TEMP.	CTD CONV	PAR 4242 WET:			ACE	Ĭ	NWO	72	JD/TIME	A9.82W2T	Miz	LONGITUDE	_
														SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Dissolved Oxygen							т	SEP05	DAY MO YR	DATE JD=	MF05-13
														PRI. SALINITY	VALUES	ed Oxygen						Tape/Diskette ID			HR MIN (°C)	TIME DRY BULB	EG
														SEC. SALINITY								File Na	DATA LOCATION	2	<u>3</u>	BULB WET	50-
					-									SAIINITY	SAMPLE BOTTLE DATA	(ygen						File Name/Header		رو	* * (deg)	SEA STATE VISIBILITY DI SIN	STA
				_	9	252	0/2	0 2	0	∞ VI	418	+	1	MORDY's	တ	Cleaned air bleed valve			MAX. DEPTH =		ļ	<i></i>	REMARKS		* \	CLOUD (amt) TYPE WEATHER DEPTH DEPTH	STATION DESIGNATION
			K	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			<u> </u>	_ *		<u> </u>				WHIT's	E NUMBER	eed valve		:	3			1				STA.	

12	11	10	ဖ	8	7 1 0	6 2 0		, 1	4 (Jr C	5 6		DEPTH	7	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+ S	CTD	0565951	DEG DEG	NOAA R/V MILLER FREEMAN
												PRESSURE					AT S			9+ S/N 91220A DATA ON	TIMES	1.34N17	LATITUDE DEG	FREEMAN
												PRI. TEMP.	0.00	PAR 4242 V			AT SURFACE	AT DEPTH	START DOWN	A ON		7275.49	LONGITUDE	
												SEC. TEMP.	CTU CONVERTED MONITOR VALUES	WETSTAR 678 Diss							JD/TIME	S E P	DATE JD=	MF05-13
												PRI. SALINITY	RVALUES	Dissolved Oxygen	410-65	, ,				Tape/Diskette ID		0843	TIME (GMT) DRY BULB	G
												SEC. SALINITY		Dissolved Oxygen						File Na	DATA LOCATION	<u>a</u>	(°C) (mb)	24-
												SALINITY	SAMPLE BOTTLE DATA	xygen			i			File Name/Header		70	* SEA STA* * VISIBILIT (dea)	Y
				12	2	119	30	117	116	11/5	25 114	SAL. NUTR.	တ	Cleaned air bleed valve			MAX. DEPTH =	ות	100元	-	REMARKS	0	* CLOUD (ar * TYPE * WEATHER	1 7
						\	<	7	<			CHL. NUTR.	TLE NUMBER	bleed valve			3	\$1.2	South State of the			N	M STA.	

12	11	10	9	0	-	- 1	6 20	5 3 0	4 4 0		n c	200	-	DEPTH	1	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 7	PRI COND SN 9:	PRESS SN 80	TYPE & SN 9-	CTD	057595	DEG	1_	VESSEL NOAA R/V MILLER FREEMAN
													PRESSURE			30	84	710 A7	915 A1	80020 S1	9+ S/N 91220A D/	=	59 . 19 N	Z	LATITUDE	R FREEMAN
												!	PRI. TEMP.	CID	PAR 4242		`	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JE	7243.54	DEG MIN	LONGITUDE	
													SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Dis							JD/TIME	W27SEP0	DAY MO YR	DATE JD=	PROJECT & LEG MF05-13
													PRI. SALINITY	OR VALUES	Dissolved Oxygen	139	55				Tape/Diskette ID		9460	HR MIN	TIME (GMT) DRY BULB	3 LEG
													SEC. SALINITY		Dissolved Oxygen	\						DATA LOCATION	5 8.0	(°C) (m	WET	U U
													SALINITY	SAMPLE BOTTLE DATA	Oxygen			,			File Name/Header	Z	356	· (dea)	PRESSURE SEA STATE. VISIBILITY DIRN. SEA STATE.	ST ST
												×	SAL.		<u>Ş</u>			MAX. DEPTH =		コラ		REMARKS	9	* 7	CLOUD (amt) PYPE WEATHER	STATION DESIGNATION
			1 10 7	179	82	12/	100	77/	52(7	123	72	ဟ ်	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve		3	PTH =	11 1000CT	.			6	1	ВОТТОМ	SIGNATION
1					1		1						WHIT's CHL. NUTR.	NUMBER	d valve			3							STA.	O.

	12	11	10	9	8	7	о	5	4	ω	2				70%.	3	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	27		CONSC CAST#	VESSEL NOAA R/
\$Z *					0		2 0	3 0	4 0	5 0		57	2	<u> </u>	DEPTH	5	SN 530	SN 884	SN 710	SN 915	N 80020			6003	DEG MIN	LATITUDE	VESSEL NOAA R/V MILLER FREEMAN
7078 Twane											Ma PH		PRESSURE						D.	D.	S	9+ S/N 91220A D		23.00N		UDE	REMAN
1000 S								<u></u>			14		PRI.			PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	730)	DEG	LONGITUDE	
ara I											60m d		PRI, TEMP.		CTD CON					İ			JD/TIME	× 20			
oftware troze and had to be rejuitialized											x +5 a		SEC. TEMP		CONVERTED MONITOR VALUES	WETSTAR 678	. ` I						m	27 S E P	DAY MO	DATE JD=	PROJEC MF05-13
De 28	_	+		1							の多十字		ľ		NITOR VALU	Dissolved Oxygen						Tape		0 5	YR HR	(G)	PROJECT & LEG MF05-13
initial of										Ç	るため		PRI. SALINITY		IES	ygen	4/06	600				Tape/Diskette ID		046 7	4	TIME DRY BULB	
trace													SEC. SALINITY			 							DATA LOCATION	9 8.		OLB WET	-
\$	-	+	+	+	+			I.=					LINITY		S/	Dissolved Oxygen	\					File Name/Header	CATION	S	(mb)	PRESSURE SEA STATE	5
bottle tiring.													SALINITY	DATA	系							Header		þ		VISIBILITY	
in .		1		1								97	SAL		7				MAX. D		II O		REMARKS	9	* 7	S S CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
			1	×	3	12 3	12	122	W.	A		B	MORDY's NUTR		SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		\$		SXS.	6	\neg	BOTTOM	SIGNATION
-	+			<	1		1		\				CHL. NUTR.		E NUMBER	leed valve			3		catalo				+	STA.	

12	11	10	9	8	/ 1 0	.	.	- 1	4 4 0	3 5 0	2 6 0	1 67	PRE	DEPTH	1	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+ S/N 91220A	СТВ	596007.0	DEG MIN	1⊑	NOAA R/V MILLER FREEMAN
													PRESSURE PRI. TEMP.	CIDC	PAR 4242			AT SURFACE	AT DEPTH	START DOWN	20A DATA ON	TIMES JD/	5N17319.97	DEG MIN	LONGITUDE	MAN
													SEC. TEMP. PI	CONVERTED MONITOR VALUES	WETSTAR 678 Dissolved Oxygen						Тар	JD/TIME	WZ7SEP051	MO YR F	DATE JD= (G	PROJECT & LEG MF05-13
												_	PRI. SALINITY SEC. SA	UES		10=69	67				Tape/Diskette ID	DATAL	2	MIN (°C)	TIME WET	
													SALINITY SALINITY	SAMPLE BOTTLE DATA	Dissolved Oxygen						File Name/Header	DATA LOCATION	897	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DERIVED	JI J
				(A)		147	4 1	(4)		100	_	47 177	MORDY'S	S	_ Cleaned air bleed valve			MAX. DEPTH =				REMARKS	9	*	SPD. CLOUD (amt) TYPE WEATHER DEPTH	STATION DESIGNATION
						1			1			_	CHI WHIT'S	NUMBER	ed valve		:	3		3					STA.	

VESSEL NOAA R/V MILLER FREEMAN		PROJECT & LEG MF05-13	-	JI Q	STAT	STATION DESIGNATION	
1–	LONGITUDE	JD#	TIME DRY BULB	DD <	VISIBILITY DIRN. WIND SPD. CLOUD (amt)	CLOUD (amt) TYPE WEATHER DEPTH	STA.
606015.41N	DEG MIN	MO YR F	HR MIN (°C)	(°C) (mb) *	* (deg) (m/s)	*	
CTD	TIMES JD/TIME	ME		DATA LOCATION		REMARKS	- - - -
TYPE & SN 9+ S/N 91220A	DATA ON		Tape/Diskette ID	File Name/Header	e/Header		
PRESS SN 80020	START DOWN						1
PRI COND SN 915	AT DEPTH			!			2010
PRI TEMP SN 710	AT SURFACE					MAX. DEPTH =	3
SEC COND SN 884			9.9	:			
SEC TEMP SN 530			NO x GV	\			
1	PAR 4242 UWE	WETSTAR 678 Dissolved Oxygen	Oxygen	Dissolved Oxygen	jen	Cleaned air bleed valve	ed valve
POS. TRIP DEPTH	CTD CON	CTD CONVERTED MONITOR VALUES	ALUES		SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	NUMBER
PRESSURE	Œ PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL NUTR.	CHL WHIT'S
66						198	\sqcup
3 5 0						146	
4 4 0		â				+	
5 3 0						80	
6 2 0						182	1
7 1 0						\dashv	
8						157	
9							
10							
111							
71				 			



STATION DESIGNATION STA. SESSIBILIT TO DIRN. SPO. CLYPEATH TO DEPTH NAME/ID Cleaned air bleed valve SAMPLE BOTTLE SAMPLE BOTTLE SALINITY SAL. MORDY'S SALINITY SAL. MORDY'S CHL. NUTR. CHL. NUTR. WHIT.	DATA LOCATION File Nam SEC. SALINITY SEC. SALINITY		DATE JD= DAY MO YR HR MI DAY DISSOlved Oxyge CONVERTED MONITOR VALUES SEC. TEMP. PRJ. S.	LONGITUDE DEG MIN TIMES J DATA ON START DOWN AT DEPTH AT SURFACE CTD E PRI. TEMP.		VESSEL NOAA R/V MILLER FREEMAN CONSC CAST # LATITUDE DEG MIN TYPE & SN 9+ S/N 91220A PRI COND SN 915 PRI TEMP SN 710 SEC COND SN 884 SEC TEMP SN 530 POS. TRIP POS. TRIP DEPTH POS. DEPTH POS. DEPTH 1 60 3 40 50 5 70 30
---	--	--	--	---	--	---

PRI COND SN 915 AT DEPTH	CONSC CAST # LATITUDE CCAST # LATITUDE DEG MIN DEG MIN TYPE & SN 9+ S/N 91220A PRESS SN 80020	LONGIT DEG TOMES DATA ON START DOWN	PROJECT & LEG MF05-13 UDE DATE JD= MIN DAY MO YR H .2 27 S E P 0 5 1 JD/TIME Ta	TIME GMT) DRY BUL	WET BULB	STATION DESIGNATION RESSURE STATE PREASIBILITY (mb) * Geg) (m/s) * GePTH CATION CATION STATION DESIGNATION (mb) * GePTH (m) GePTH REMARKS File Name/Header
884		START DOWN AT DEPTH		76		
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0		AT SURFACE	:			
TRIP DEPTH PRESSURE PRI, TEMP. SEC. TEMP. SEC. TEMP. SEC. TEMP. PRI, SALINITY SOLINITY S	_	\		7	2 2	
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1	PAR 4242	WETSTAR 678 Dissolv	ed Oxygen 6 4	Dissolved Ox	/gen
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SEC. SALINITY SALINITY SEC. SALINITY SALINITY SALINITY SALINITY SEC. SALINITY SEC. SALINITY SALINITY SALINITY SEC. SALINITY SAL	· · · · · · · ·	CTD C	ONVERTED MONITOR	VALUES		SAMPLE BOTTLE DATA
6 0 5 0 4 0 3 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	29		SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY
2 4 6 7	6					
1 2 3 4	. 5					
1 2	3 4					
	2					
10 11 11 11 11 11 11 11 11 11 11 11 11 1						
11	9					
	10					
	1					

POS.

DEPTH 공

3 Q 00

თ თ

ယ

Çħ 0 SEC TEMP SN SEC COND SN PRI TEMP SN PRI COND SN

530 884 CTD

PRESS SN TYPE & SN

915 710

CONSC CAST #

DEG

ര്	
0	
1	
유	
1	



12	11	10	Q	8	1 0	.	6 2 0	5 3 0	4 4 0	3 5 0	2 6 0	-		PON. IRIT		SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710	PRI COND SN 915	PRESS SN 80020	TYPE & SN 9+	СТВ	०५म ७१३	DEG	1_	NOAA R/V MILLER FREEMAN
													PRESSURE							85	9+ S/N 91220A	- - -	2) F Q N	MZ	LATITUDE	FREEMAN
													PRI. TEMP.	CTD CO	PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	7341.95 W 27	DEG MIN	LONGITUDE	
													SEC. TEMP.	CONVERTED MONITOR VALUES	WETSTAR 678 Sissolv								S E P 0 5	DAY MO YR	DATE JD=	MF05-13
													PRI. SALINITY	VALUES	Dissolved Oxygen						Tape/Diskette ID		-0	Z	TIME DRY BULB	-
													SEC. SALINITY		Dissolved Oxygen		29 CM			5)	File Name/Header	DATA LOCATION	ij	(°C)	PRESSURE SEA STATE	65-1
													SALINITY	SAMPLE BOTTLE DATA	gen						e/Header		_		VISIBILITY DIRW. SPD. DI	STATI
				R-	£.	<u> </u>	+		-	\dashv	ω,	N N	SAL. NUTR.	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =		10 % (A:		REMARKS	1 1	*	CLOUD (amt) TYPE WEATHER DEPT O	STATION DESIGNATION
						~	5						CHL WHIT'S	NUMBER	ed valve			3		A South					STA.	

	10	9	8	1-	7 1 0	6 2 0	30	1	<u> </u>		2 6 0	1 69	PRESSURE PRI. TEMP	DEPTH C	PAR 4242	SEC TEMP SN 530	SEC COND SN 884	PRI TEMP SN 710 AT SURFACE	PRI COND SN 915 AT DEPTH	PRESS SN 80020 START DOWN	TYPE & SN 9+ S/N 91220A DATA ON	CTD	0 6 9 6 1 3 5 1 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	DEG MIN DEG MIN	LATITUDE	VESSEL NOAA R/V MILLER FREEMAN
						-							SEC. TEMP.	CTD CONVERTED MONITOR VALUES	WETSTAR 678 Dissolved Oxygen						Таре	JD/TIME	1 W 2 3 - S E P 0 5 2 2 1	DAY MO YR HR	DATE JD=	PROJECT & LEG MF05-13
													PRI. SALINITY SEC. SALINITY		ygen Dissolved Oxygen						Tape/Diskette ID File N	DATA LO	8 2	<u>a</u>	TIME WET OF THE BULB	(610-1
													SALINITY	SAMPLE BOTTLE DATA	Oxygen			M		. 1	File Name/Header		وَ	* ' (deg)	PRESSURE SEA STATE VISIBILITY DIRN. SPO. CLOUD (amt)	STATIO
			X.	· パン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン・マン	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Д	\Box	- NO -	38	נוי	4	E	MORDY'S WHIT'S	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH = m	TO SIL ISOBORE	,		REMARKS	11 92	(m)	YPE WEATHER BOTTOM STA. NAME/ID	STATION DESIGNATION

150

12	1	ô	9	\[\alpha \]	,	7	o	5	4	ω	2	>			P Os	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	107		CONSC CAST#	NOAA R
				9	,	7	2	3/0	7	9	9	359		DEPTH	digi	WP SN 530	ND SN 884	1P SN 710	ND SN 915	SN 80020			1 to 2 2	DEG		NOAA R/V MILLER FREEMAN
													PRESSURE								9+ S/N 91220A DA	1	0 0 0 0 2	MZ	LATITUDE	FREEMAN
													PRI. TEMP.	מוס	PAR 4242]		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	1 20 1 . 20	DEG MIN	LONGITUDE	
					-			==					SEC TEMP	CTU CONVERTED MONITOR VALUES	WETSTAR 678 Disso							JD/TIME	WO 1 SEA 0 5	DAY MO YR	DATE JD= 244	MF05-13
													DDI SALINITY	RVALUES	Dissolved Oxygen						Tape/Diskette ID		1656	HR MIN	TIME (GMT) DRY BULB	
												סרט. מארוואוו ו	V-1181 IVS 038		Dissolved Oxygen						File Na	DATA LOCATION	00	(°C)	BULB WET	1-11-
				9								OALINI 7		SAMPLE BOTTLE DATA	ygen		363 60				File Name/Header			(deg)	SEA STATE VISIBILITY DIRW. WIND SPD. CLOUD (amt)	\(\tau_{i}\)
											0	VAL.	- -	-			,	MAX. DEPTH =			OS AMPY	REMARKS	=====	* T	YPE VEATHER	STATION DESIGNATION
							-		1			CHC. NOIR.		SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			3			4		36-	+	BOTTOM STA.	ÖN

12	11	ō	9	æ	7	6	5	4	ω	2	_		Ç		SEC TEMP SN	SEC CO	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	540		CONSC CAST #	NOAA R
				7	7	7	7	2	Z	8	303		DEPTH		MP SN 530	SEC COND SN 884	MP SN 710	ND SN 915	S SN 80020			55223	DEG		NOAA RV MILLER FREEMAN
												PRESSURE								9+ S/N 91220A D	=	3 · 84 N		LATITUDE	FREEMAN
												PRI. TEMP		PAR 4242	L		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	5514	DEG M	LONGITUDE	
												EK P	CTD CONVE		L			:			JD/TIME	22W01			
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES	WETSTAR 678 Z Dis								0 400	WO YR	DATE JD=	MF05-13
+												PRI SAI JNITY	OR VALUES	Dissolved Oxygen		= 0/m				Tape/Diskette ID		51828		TIME	(
											\dashv				,	35.5				ette ID	2	% . 6	(°C)	DRY BULB	+
												SEC SALINITY		Dissolved	\					File	DATA LOCATION	8.220	Ш.	WET	ta-1
											(5)		SAMPLE BOTTLE DATA	dissolved Oxygen				:		File Name/Header	N	1150	* * (deg)	PRESSURE SEA STATE VISIBILITY DI SERVICE VISIBILITY DI SERVICE VISIBILITY	
									1		35						MAX. [1		REMARKS	6	* 1	CLOUD (amt)	STATION DESIGNATION
	† -	+	+	+							20.7.	MORDY's	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH =			ON AMP	RKS	31 1	\neg	VEATHER BOTTOM	SIGNATION
		-			1						CHC. NOTA		E NUMBER	eed valve			э	;		w				STA.	

Ī	3	 10	9	_∞	7	6	5	4	ω	12			C	5	SEC	SEC	PRI	PRI	PR	T/	CTD	Q T		န္ ၉	N W
					-						7			7	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	0	594	0	CONSC CAST #	VESSEL NOAA R/V I
				7	7	3	2	2	3	3	55		DEPTH	0.0	N 530	N 884	710	N 915	80020	9+6		2 219	DEG	1_	MILLER
						ñ	la la					PRESSURE					АТ	AT		9+ S/N 91220A DA	TIN	- 99N	MIN	LATITUDE	NOAA R/V MILLER FREEMAN
			_				-							PAR 4242			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	7/90	DEG	LONG	
		•• .		1,								PRJ. TEMP.	CID]		iń		≨ 		JD/TIME		MIN.	LONGITUDE	
												SEC.	CID CONVERTED MONITOR VALUES	WETSTAR 678							ME	WOI OF	DAY MO	DATE JD=	PRC MFC
		S										TEMP.	MONITOR	Dissol				1	ſ	f		0 5	O YR	: II	PROJECT & LEG MF05-13
			į									PRI SALINITY	VALUES	Dissolved Oxygen						Tape/Diskette ID		2018	HR MIN	TIME (GMT)	EG
												YTIN		:						cette ID		5	${} \rightarrow$	DRY BULB	
												SEC SA									DATA LOCATION	5 6.	П	B WET	73-
											-	SALINITY		issolved Oxygen					570	File Nan	CATION	921	3	PRESSURE	
											0	SAI INITY	SAMPLE BOTTLE DATA	/gen					076	File Name/Header		38)	* * (deg)	SEA STATE VISIBILITY DI SININI RINI NI DI SININI NI DI S	
											-	VIITY	BOTTLE TA				ļ	ļ		Ť				SP SE SP SE CLOUD (amt)	STAT
											א צ	-	SAM	CI _e			MAX. DE			N.	REMARKS	∞ 0	* (CLOUD (amt) TYPE WEATHER	TON DESI
						i					2	MORDY's	SAMPLE BOTTLE NUMBER	Cleaned air bleed valve			MAX. DEPTH = 455			S APZ		960	(m)	BOTTOM	STATION DESIGNATION
											5		LE NUMI	leed valv						7		0	\dashv		
											2	WHIT's	3ER	è			3	1						STA.	

	72	<u> </u>	6	9	σ	7	0	Ch	4	ω	2	>	POS	ITIO	Ν	SEC C	PR) C	SEC T	PRI TEMP	SBE 9+	07		CONSEC	UTIVE		VESSEL
				5m from bot	200m	150m	50m	40m	30m	20m	10m	0m	TRIP DEPTH			SEC COND SN	PRI COND SN	SEC TEMP SN	PRESS SN	+	752	DEG			Z)EL
35				n bot.									PRESSURE			530	915	884	710 ST		26.60 N1	MIN	LATITUDE		NOAA Ship MILLER FREEMAN	
													PRIMARY TEMP		CTD CONVERTED MONITOR VALUES	PAR S/N= 4242	AT SURFACE	AT DEPTH	START DOWN	TIMES	7123.40WO		LONGITUDE		RFREEMAN	
													SECONDARY TEMP		MONITOR VALUES	2 FLUOR S/N=			l ape/Diskette ID	DATA LOCATION	1 95 0521	Ϋ́R H	DATE G		MF-05-13	PROJECT & LEG
													SALINITY			678			Choo77	CATION	5809.008.	MIN °C	TIME DRY WET			COD I.D.
													SALINITY	DATA	SAMPLE BOTTLE	ChLAM S/N=	MAX. DEPTH (m) 445	Cleaned air bleed valve		REM	9063831304	mb deg	PRESSU SEA STA VISIBILI' WIND DIRECT	ATE TY		STATIO
											-	4	SAL		SAN		5	e	O	REMARKS		<i>(</i>	CLOUD TYPE			STATION DESIGNATION
													NUTR		SAMPLE BOTTLE NUMBER				OUTFILE	7	0456		WEATH BOTTOM	<u> </u>		IATION
													엄		TLE NUN				I	>	6	Н		(A		
										į			NUTR		IBER								STATION NAME / ID			