NOAA Ship MILLER FREEMAN  NOAA Ship MILLER FREEMAN  MF-10-06  TIME  DATE  DATE  DATE  GMT  BULB	NOAA Ship MILLER FREEMAN  NF-10-06  NOAA Ship MILLER FREEMAN  MF-10-06  TIME  TIME  DATY  MO VR HR MIN  PROJECT ALON  SOUND STATA ON WET SET STATE ON WE SALINITY  PRESSURE  PRIMARY TEMP  SECONDARY TEMP  SOUND S	NOAA Ship MILLER FREEMAN  NF-10-06  NOAA Ship MILLER FREEMAN  NF-10-06  NO SO	NOAA Ship MILLER FREEMAN  NOAA Ship MILLER FREEMAN  MF-10-06  NOTTO THE STATION DESIGNATION  DOEG MIN NO PARTY TEMP SECONDARY	12	=	10	9	8	7	თ	ഗ	4	ω	N			TION		SEC CC	PRI COND SN	SEC TE	PRI TEMP	SBE 9+	00		CONSECUTIVE CAST #		VESSEL
ILLER FREEMAN  MF-10-06  TIME  LONGITUDE  DATE  MIN DAY MO YR HR MIN °C °C °C N /	ILLER FREEMAN  MF-10-06  TIME  DATE  LONGITUDE  LONGITUDE  DATE  DATE  DATE  DATE  DATE  DATA NO  TADEODIS NICHOLO  AT DEPTH AT D	ILLER FREEMAN  MF-10-06  TIME  DATE	ILLER FREEMAN  MF-10-06  MMS  DEG MIN DAY MO YR HR MIN 'C 'C 'ND MASSISSIS IN SOUTH AND DESIGNATION DESIGNATION  DATA CONTROL  STRAT COWN  TIMES  DATA DOAL DOAL OCATION  TO DATA LOCATION  DATA LOCATION  TO DATA		0	10	20	30	50	St	160	250	520	SK	1000	TRIP	- - !	D	ND SN	ND SN	MP SN	MP SN	2		-		NO	11
PROJECT & LEG  MF-10-06  MF-10-06  TIME  DATE  GMT  BULB  BULB  DATALOCATION  Tape/Diskette ID  File Name/Header  TEMP  SECONDARY TEMP  SECONDARY TEMP  SECONDARY TEMP  SALINITY  SALINITY  SALINITY  SALINITY	PROJECT & LEG  MF-10-06  MF-10-06  TIME DAY  DATE GMT BULB BULB RE SA SI BILD  DATA LOCATION  Tape/Diskette ID File Name/Header  DAY MO YR HR MIN C C C mb Geg  C M 23 S E P 1 00 A 1 A 1 A 803  DATA LOCATION  Tape/Diskette ID File Name/Header  DATA LOCATION  Sec DO S/N 904  PAR S/N 4603  DISec DO S/N 904  PAR S/N 4603  SAMPLE BOTTLE  DATA  SALINITY  SALINITY  2 9  2 0 9	TIMP SECONDARY TEMP S	TIME DATE TIME DRY WET SSALE SOUTH NAME DEPTH (m)  DATE TO DAT		در		06	31	50	74	001	250	500	751	1001	PRESSURE		)		) A				3 N		ATITUDE	AA Ship MILLE	
TIME DRY WET SALINITY  TEMP SALINITY  COD I.D.  COD I.D.  R HR MIN C C C C C C C C C C C C C C C C C C C	TIME DRY WET SS STATE  GMT BULB BULB R WET SS STATE  TALOCATION  TEMP SALINITY  SALINI	TIME DRY WET BULB BULB BULB SISTATION DES  GMT BULB BULB BULB BULB SISTATION DES  TRALOCATION  TEMP SALINITY  SALINI	TIME DRY WET SULL BULL POUNTS IN THE LAND CATION DESIGNATION  TO BULL PER SINTER DESIGNATION  TO BULL PER SINTER DESIGNATION  ST. GAMT BULL BULL PER SINTER DESIGNATION  ST. GAMT													PRIMARY TEMP	¥ 12001 CF	CID CONVERTED	Pri DO S/N=910	SURFACE	DEPTH	AT DOWN		632.60W	MIN	LONGITUDE	R FREEMAN	
CATION File Name/Header  SALINITY  MA  SALINITY  MA  SALINITY  SAL	COD I.D.    COD I.D.   COD I.D.	COD I.D.    COD I.D.   STATION DES	CODID   STATION DESIGNATION   STATION DESIGNATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION DESIGNATION   STATION DESIGNATION DESIGNATION   STATION DESIGNATION DESIGNATION DESIGNATION   STATION DESIGNATION DESIGNATION DESIGNAT											#C.		-		MONITOR VALUES	Sec DO S/N 904			l ape/Diskette IL	DATA	SEP 10	MO YR	DATE	MF-10-06	PROJECT & LE
BULB BULB WET .D.	WET SURE  WET SURE  PRESSURE  Cleaned air blu  MAX. DEPTH (m)  SAMPLE  BOTTLE  BOTTLE  DATA  292  242	WET SURE  BULB PRESSURE  PREMARKS  P	STATION DESIGNATION  PROPOSED TO DESIGNATION  WET SURE SURE STATEY  OC Mb SS STATEY  OC Mb					:							827	\$ \{			PAR				00,	9) - 9)	Z Z			G
₹	Cleaned air bid WETStar S/ SAMPLE BOTTLE  SAMPLE BOTTLE  DATA  DAT	PRESSURE  PRESSURE  PRESSURE  PRESSURE  SEA STATE  VISIBILITY  WIND  WETStar S/N  AND SPEED  DATA  SALUNITY  SALUNITY  STATION DES  CLOUD (amt)  CLOUD (amt)  CLOUD (amt)	STATION DESIGNATION  REMARKS  PRESSIGNATION  PRESSIGNATION  PRESSIGNATION  PRESSIGNATION  PREMARKS  PREMAR													LINITY			S/N 4603					2	$\dashv$	m - 0770		COD I.D.
	PEMARKS CLOUD (amt)	CLOUD (amt)	DESIGNATION  DESIGNATION  DESIGNATION  OLOUD (amt)  TYPE  DEPTH  NAN  SAL  NUTR  CHL  OH  OH  OH  OH  OH  OH  OH  OH  OH			242			178		0		461	,	149 144	CXX 9.4	DATA	SAMPLE	WETStar S/	MAX. DEPTH (m)	Cleaned air blu			85 //	dec	PRESSURE SEA STATE VISIBILITY WIND		
NAME OF THE SAME O			STA. STA.		2	10	10	0	«P	7	6	G <sub>1</sub>	4	W	1/2			TE BOLIC			2	4+1		(X)		BOTTOM		

NOTE - SEC TEMP CALEN IS O DAY

12	=	10	9	œ	7	6	ω	4	ω	22	1 @	POS	ITION		SEC C	PRI CO	SEC TE	PRI TEMP SN	SBE 9+	0			NSECUTIVE ST #		VESSEL	]
			0	Ó	80	18	8	00	HO	550	de geter	TRIP			SEC COND SN	PRI COND SN	SEC TEMP SN	MP SN	2	251	DEG			N N	P	
									¥			PRESSURE			530				23067	0		LATITUDE		NOAA Ship MILLER FREEMAN		
														CT	✓Pri DO S/N-910	AT SURFACE	AT DEPTH	START DOWN	DATA ON	6 8 5	DEG	LONG		LER FREI		
	:											PRIMARY TEMP		CTD CONVERTED MONITOR VALUES	N-910				IMES	11. 914 W	_	LONGITUDE		EMAN		
										i e		-		D MONIT	Sec DO				<del>.</del>	SHB	DAY	1			Р	
		!										SECONDARY TEMP		OR VALUE	DO S/N			\$0000000000000000000000000000000000000	Tane/Diskette ID	m P		DATE		MF-10-06	PROJECT & LEG	1
;					:	;						Y TEMP		Ö	904			7	DATA LOCATION	1015	YR HR			90-	& LEG	
															<u></u>			1 20 140	CALION	218	_ ≤	GMT	TIME			
												SALINITY			PAR S/N				AICN	9	ဂိ	BULB	DRY		COD I.D.	
					:										4603				7.20	1 No.	_ _ ဂိ	BULB	ALT.		I.D.	
															Ş	MAX. D	Clea	1 2002	9	0	큥		ESSURE A STATE			
												SALINITY	BOTTLE	ν Δ Δ	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve	2		000			IBILITY			
		¢										₹	) 	Π	Ž	2	bleed va			<b>—</b>	Ţ		RECTION	$\vdash$	STAT	
	_				ļ 						Fd				742		llve	300000000000000000000000000000000000000	REMARKS	<u>ي</u> 0	knt's		ND SPEED OUD (amt)		STATION DESIGNATION	
											<b>E38</b>	SAL	-	SAM	. [		0177	1 1				TYF			SIGNA	PG
			19	ã			II.	16	<u>ī</u>	Ī	(J	NUTR		SAMPLE BOTTLE NUMBER			۳) ار	1 6000	A	_ 		DEPTH	воттом		TION	2
			.283	283	- 283	. 283	. 283	.285	277	787		유		TE NUM			8									- 유
												WHIT'S		1BER			3		P			NAME / ID	STATION			-

12	=	10	9	œ	7	6	Οī	4	ω	2		POS	SITION	SEC C	PH C	SEC T	PRI TE	PRESS SN	SBEO	0		ONSECUTIVE AST #		VESSEL	
			 		لن	w	CJ	W	OJ	3	exports	DEPTH		SEC COND SN	PHI COND SN	SEC TEMP SN	PRI TEMP SN	SN	0	ار ال	DEG		N N	严	
									٤			PRESSURE		530	535	889	884	92067	23067	Λ -	LATITUDE		NOAA Ship MILLER FREEMAN		
												RE		V Pri DC	AT SURFACE	AT DEPTH	START DOWN	DATA ON	-	5	DEG		LER FF		
												PRIMARY TEMP	C D CORVED ED MONI OU AVEDER	Pri DO S/N=910	CE		NWC	-	TIMES	2	LONGITUDE		REEMAN		
												+	- MON	Noec Novie					9	E :	DAY	<u></u>	_		
												SECONDARY TEMP	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VISec DO S/N			_	Tape/Diskette ID	-	n	DATE		MF-10-06	PROJECT & LEG	
												TEMP		904	3		•	Š	TA 9	) )	OMT GMT	TIME	-06	¥ LEG	
												SAL		V PAH S/N				File Name/Header	L		MIN SC.				
:		=							!			SALINITY		/N 4603	ı			eader 5,4°	†	ار لا لا	and a	vi <b>1</b> 0		COD I.D.	
														-   	MAX.	Cle			1	~	B PI	RESSURE	_		
:												SALINITY	SAMPLE BOTTLE DATA	WEIStar S/N	рер I H (m)	Cleaned air bleed valve	(	<u></u>		ন স স	VI W	EA STATE ISIBILITY IND IRECTION		(0	
		=												742		ed valve	701000	NEW MANAGE	<u> </u>	-	_	IND SPEED		STATION DESIGNATION	:
											R.B.	SAL	- 2	200			)		-		T	LOUD (amt) YPE EATHER		DESIGNA	PG
												NUTR		ון ביייין			というかいという	Chara Car		ر ا	DEPTH	воттом		TION	3
					283	388	182	289	283	285		CHL NUTR	י מאויירם סטוורם אטאוספת			(	211	00	L		NAME / ID				OF_

12	==	10	9	۵	7	6	5	4	ω	2	_	POS	ITIO	N		SEC C	PRI CC	SEC T	PRI TE	SBE 9+	0			NSECUTIVE ST #		
		O	0	4	24	24	46	20	40	&	804	DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	7) + 0 2)	459	DEG		•	z	
	-											PRESSURE				530	535	889	884	92067	UT I	MIN	LATITUDE		NOAA Ship MILLER FREEMAN	
						``,						in in				✓Pri DC	AT ŞURFACE	AT DEPTH	START DOWN	) )	1 1 1	DEG	Б		LER FF	
						:					:	PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	✓Pri DO S/N=910	CE -		NA	TMES	J	Z Z	LONGITUDE		REMAN	
												+-			ED MONIT	√\Sec	1			<u> </u>	S S	DAY			-	
			;									SECONDARY TEMP			OR VALUES	Sec DO S/N			apo/Dishotto iD	ano/Diskot	m O	MO	DATE	9	MF-10-06	
,		İ										/ TEMP			3,	904				00	0 /	YR HR	GMT	TIME	-06	
						:						S				<b>V</b> PAF			CTOOF	ATION		N N			-	
												SALINITY				PAR S/N 46			9 F	/E222-	11 U	ဂံ	Œ	DRY	-	_
																4603	 	<del></del>	•	12°2'H	4		BULB-	Hung. Rect		
						!										Z W II	MAX. DEF	Cleane	1	トなから	D	mb	SEA	SSURE A STATE		
												SALINITY	DATA	SAMPLE BOTTLE		WETStar S/N	DEPTH (m)	ed air blo			0	deg	WIN			
												~		,,,		N 742		Cleaned air bleed valve	4		00	knt's		ECTION ND SPEED		1
											B30	SAL			SAI			SS	3	REMARKS	g)		TYF	OUD (amt) PE ATHER	7	-
		S S S S S S S S S S S S S S S S S S S	20	ره				くない	18/	200		NUTR		٠	SAMPLE BOTTLE NUMBER			5	-	7	7)		DEPTH	BOTTOM	1100	
,	•	283	288	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	289	2293	285	とよれ	1282 2823	/283		어니			TTLE NUN	G.		10 17/20	}	C705 24	7			8	strato enmalu:	
		253	i)	1, 2, 3								WHIT's			/BER			247		+			NAME / ID	STATION	Mark	le <sup>nto</sup>

PG 4 OF

t		10	9	8	7	6	21	4	ω	N	_	POS	OITI	1		SEC (	PRI C	SEC 1	PRI TEMP	SBE 9+	00		COL	NSECUTIV ST #	E	VESSEL
				0	11.5	1.5	= 1.5	2	ōR	~	19	DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	n ∓ n ≥	559	DEG		,	Z	SEL
					•				,			PRESSURE				530 Pri I	535 AT SURFACE		884 START DOWN		54.49NIJ	MIN DEG	LATITUDE		NOAA Ship MILLER FREEMAN	
												PRIMARY TEMP	Sec Therman	nath 30	CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	FACE	Ŧ	DOWN	TIMES	0 ₩ 2	MIN DAY	LONGITUDE		REEMAN	
				12								SECONDARY TEMP	1116	30 m/m: n This	ONITOR VALUES	Sec DO S/N 904			apo/Diskotte ID	DATA L	6 S E P 1 0 0	ш	DATE		MF-10-06	PROJECT & LEG
												SALINITY	noce	Carl	P	PAR S/N 4			C+DOO S	DATA LOCATION	65/50	<u>S</u>	GMT BULB	TIME DAY	-	COD I.D.
																4603 WE	N.		That of or	7,4,0	194		PRE SEA	SSURE STATE		I.D.
				6x9 227/14								SALINITY	DATA	SAMPLE BOTTLE		WETStar S/N 742	PTH (m)	Cleaned air bleed valve	Pre	æ	864318	deg k	WIN	BILITY D ECTION D SPEED		STATION DESIGNATION
	+			141								SAL			SAN			- 58	secon	RKS	00		TYP	OUD (amt) E ATHER		DESIGN
											Si	NUTR			MPLE BO:			5		1700	7		DEPTH	ВОТТОМ		NATION
				(	\283	1288	12 S 21	18E/	1283	7385		CHL			SAMPLE BOTTLE NUMBER				3	+		$\vdash$				
+							-8.1			7,8,9	4,5,6	WHIT's			MBER								NAME / ID	STATION		

12	<u> </u>	10	9	ω	7	6	თ	4	ω	N	6	POS	ITIO	N	SEC C	PRI CC	SEC TI	PRI TE	SBE 9+	0 0		CONSECUTIVE CAST #		VESSEL
3 1			Ó	10	18.50	85	18.5	30	40	50.	C. C.	TRIP			SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	7) † Z	65.9	DEG		NO	
						6			(a)			PRESSURE			530	535 AT			92067	5 H . 3 2 N	SZ	ATITUDE	NOAA Ship MILLER FREEMAN	
				100								PRIMARY TEMP		CTD CONVERTED	Pri DO S/N-910	AT SURFACE	AT DEPTH	START DOWN	TIMES	7-142.28W	DEG MIN	LONGITUDE	R FREEMAN	
								724		124		P SECONDARY TEMP		CTD CONVERTED MONITOR VALUES	Sec DO S/N 904			1	DATA L	27SEP100	DAY MO YR H	DATE	MF-10-06	PROJECT & LEG
												IP SALINITY			PAR S/N			CTD 006	DATA LOCATION	4355.4	HR MIN °C	TIME DRY		COD I.D.
												~			4603		Clea		J. t.	•	c mb	WET WET PRESSURE		)I.D.
						-						SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N 7	MAX. DEPTH (m)	Cleaned air bleed valve	LOZI achienneur CVT		47110.2	deg k	SEA STATE VISIBILITY WIND DIRECTION	-	STATI
											B-31-	SAL		SAMPL	742		ive		REMARKS	20 8 115-8	knt's	CLOUD (amt) TYPE WEATHER		STATION DESIGNATION
			رو	دو	بو	يو	2)	97	بو	9 <u>2</u>		NUTR C		SAMPLE BOTTLE NUMBER				L	ת	47		BOTTOM		
	>> >>		20	80	182	289	283 10,11,12	000	277	283		CHL NUTR		NUMBER								STATION NAME / ID		

PG (

OF .

12	<u></u>	10	9	8	7	თ	5	4	ω	2		POS	ITIO	N		SEC C	PRI C	SEC T	PHESS SN	SBE 9+	0		COL	NSECUTIVE ST #		VESSEL	
					0	01	20	30	£	50	30+	DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PHESS SN	+	762	DEG			Z	ĔĽ	
	٠								×				-			530	535	288	92067	92067	_	-	LATITUDE		NOAA Ship MILLER FREEMAN		
			,		,			!				PRESSURE									い と と		<u>m</u>		MIL.		
					ŀ	,						m				Pri DC	AT SURFACE	AT DEPTH	DATA ON		1 7 1 1 1 1	DEG	5		ER FF		
												PRIMA			CTD CO	Pri DO S/N- 910	آ آ		14/45	TIMES	ر ا <u>د</u>	MIN	LONGITUDE		REEMA		
												PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	0				S	<i>≯</i>		Ш		Ź		
										TH		+			MONITO	Sec [		<u> </u>		1	<u>دو</u> د د	DAY	0		_	- 	1
:			,	:			!	:				SECONDARY TEMP			R VALUE	Sec DO S/N			l ape/Diskette ID	<u>;</u>	EP 1	Н	DATE		MF-10-06	PROJECT & LEG	
												Y TEMP			S	904			tte ID	ATA LO	0 / 9	YR HR			90-(	& LEG	
																Q			File Na	DATA LOCATION	U U	M N	GMT	TME			
												SALINITY				PAR S/N			Hile Name/Header		(C)	റ്	BULB	DRY	-	CO	-
		:		1								7				4603					Į.	°C	BOLE	**************************************		COD I.D.	
																	MAX DEPTH (m)	<u> </u>	362	• •	Ú			SSURE	-		
						,		:				SAI	0	BO	) •	WETStar S/N	Trans	ned a	200		<i>(-)</i>	П		BILITY			
												SALINITY	DATA	BOTTLE	1	ar S/N	(m)		G		<u>ග</u> ගැ	deg					
		ŭ.														742	da varac	Cleaned air bleed valve	RRE-RECOVERS	REMARKS		Ţ		ECTION ID SPEED		STATION DESIGNATION	
					£ "	<b>B32</b>						တ								ARKS	ری			OUD (amt)	-	DESI	
					j	82						SAL			SAME								TYP WE	ATHER	-	GNA	PG
					*	4	ď.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	at.	rad		NUTR			SAMPLE BOTTLE NUMBER				103500	-	<u>بر</u> لا		DEPTH	воттом		TON	3
					5 2 C 3	88C *	上8년 *	پ م%و	を い (3) (3)	N S N		유			LE NUM				2	*			NAM		-		유
												NUTR NUTR		* *	BER								NAME / ID	STATION			

12	=	10	9	8	7	თ	ഗ	4	ω	N	<u>_</u>	POS	SITION	SEC C	PRI CC	SEC TI	PRI TEMP	SBE 9+	0		CONSECUTIVE CAST #		VESSEL
			0	5	2	2	90	) (၂	エラ	0	So Ath	DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	2 +	862	DEG		NC.	Ë
			3						36			PRESSURE		530	535		884		1.98 <sub>N</sub>	MIN	LATITUDE	NOAA Ship MILLER FREEMAN	İ
													O.	Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN	2	1744	DEG	LONC	LER FRE	
												PRIMARY TEMP	TD CONVERTED	/N=910			2	TIMES	6.00w3		LONGITUDE	EMAN	
												SECONDARY TEMP	CTD CONVERTED MONITOR VALUES	Sec DO S/N			l abe/Diskette ID	 	0 S E P 1	-	DATE	MF-10-06	PROJECT & LEG
			!									YTEMP		904				000	00203	YR HR MIN	TIME	)-06	& LEG
												SALINITY		PAR S/N 46		•			S S	ငိ	DRY		COD I.D.
		,								:				4603	M			5.40	-	Н	SJ/K		D.
												SALINITY	SAMPLE BOTTLE DATA	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve	FOST DEN		558335	mb deg	PRESSURE SEA STATE VISIBILITY WIND DIRECTION		rs.
														742	<b>t</b> 9	d valve +	Ų	RE		knt's	WIND SPEED		STATION DESIGNATION
											p38	SAL	SAMF			200	2116		7		CLOUD (amt) TYPE WEATHER		ESIGNA.
	<u>.</u>		32	1/2/			3)	229	28	رلا	. 2%	NUTR	TE BOTT		~	K 9			7 4		воттом		TION
					787	288	.283		· .			CHL NUTR	SAMPLE BOTTLE NUMBER		<b>C</b>	Short Janes				Ш	STATION NAME / ID		

PG DQ.

유

12	<u> </u>	10	9	ω	7	တ	σı	4	ω	N			ITION	SEC C	PRI CC	SEC TI	PRI TE	PRESS SN	SBF 9+	0		CONSECUT	TIVE		VESSEL	
					0	10	7	30	90	201	507	TRIP DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SN	7	9 6 2	DEG	_	•	NC	Ä	
			1.4						3f			PRESSURE			535 AT SURFACE	AT DEPTH		92067 DATA ON	79056	02.18N174	MIN DEG	LATITUDE		NOAA Ship MILLER FREEMAN		
										13.		PRIMARY TEMP	CTD CONVERTED MONITOR VALUES	N=910	FACE	<b>I</b>	NWOC		TIMES	140.23 w 3	MIN DAY	LONGITUDE		REEMAN		
												SECONDARY TEMP	ONITOR VALUES	Sec DO S/N 904				Tape/Diskette ID		S m P 1 0 0		DATE		MF-10-06	PROJECT & LEG	
												SALINITY	,	PAR S/N 4603			77000	ıme/Header	DATA LOCATION	32 7	Z	TIME DRY WET	el el		COD I.D.	
					:					:	137	SALINITY	SAMPLE BOTTLE DATA		MAX. DEPTH (m) 67	Cleaned air bleed valve		0.1	1	15583501	mb deg	PRESSURE SEA STATE VISIBILITY WIND DIRECTION WIND SPEE	-		STATIO	
					39 0283 060 000		B34 37 ×283	₹6 . 283	35 - 283	74 285	33 02	SAL NUTR CHL NUTR 02	SAMPLE BOTTLE NUMBER	12		ve			REMARKS	7 7 79		CLOUD (am TYPE WEATHER WEATHER DEPTH NAME / 1D			STATION DESIGNATION	TG:

12	=	10	9	ω	7	6	ഗ	4	ω	N		POS	ITION		מות כו	SEC T	PRI TE	PRESS SN			CONSECUTIVE CAST #		VESSEL
					0	10	Y	30	40	2	Bot	DEPTH			SEC COND SN	SEC TEMP SN	PRI TEMP SN	S SN +	190	DEG		Z	JEL
									22			PRESSURE			530 N			92067 92067 D.	52.69N	MIN	LATITUDE	NOAA Ship MILLER FREEMAN	:
												PRIMARY TEMP		CTD CONVERTED	AL SURFACE	AT DEPTH	START DOWN	DATA ON	7402.55w		LONGITUDE	ER FREEMAN	
										kits.		SECONDARY TEMP		/ALUES				Tape/Diskette ID File Na	3 % S E P 1 0 0 S	DAY MO YR HR	DATE	MF-10-06	PROJECT & LEG
												SALINITY			0 0 0 M 1603		CT0010	ıme/Header	27.8	MIN °C	TIME DRY V		COD I.D.
,												SA	SA BC		MAX.	Cleaned	]	0,200	. 1458	°C mb	PRESSURE SEA STATE VISIBILITY		).
:							ì					SALINITY	SAMPLE BOTTLE DATA		1 (m) 6 7	eed	1	REMARKS	8 12010	deg knt's	WIND DIRECTION WIND SPEED CLOUD (amt)		STATION DESIGNATION
<del>-</del> -					4	27	2	7	42	(4)	B36 40	SAL NU		SAMPLE		10 M	<b>,</b>	S			TYPE WEATHER		SIGNATIO
!					6 283	283	4 283	3 283	2 283	285	C	NUTR CHL		SAMPLE BOTTLE NUMBER		Leve	\		7		BOTTOM		4
			,		S	3	W	٧	3	~		WHIT's		UMBER							STATION NAME / ID		

PG 유 ·

12	===	10	9	8	7	6	5	4	ω	2	_	POS	ITION	SEC C	PRI CC	SEC T	PRI TEMP	SBE 9+	_		CONSECUTIVE CAST #		VESSEL
					Ø	10	20	30	40	50	Bot	TRIP DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	7 +	161	DEG		NC	
	-		i de						26			PRESSURE		530			884		99.17N	NIN	LATITUDE	DAA Ship MILL	
												E PRIMARY TEMP	CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN	TIMES	1735/.60	DEG MIN	LONGITUDE	NOAA Ship MILLER FREEMAN	
			<u> </u>							:=		_	TED MONIT	Sec					W S	DAY		 	
		_		*								SECONDARY TEMP	OR VALUES	Sec DO S/N			l ape/Diskette ID	֡֝֝֜֝֓֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓	m 70		DATE	MF-10-06	PROJECT & LEG
			,									YTEMP	0)	904			•	00	006	YR HR	TIME	-06	& LEG
										:		SA		PAR			CT06//	TION	7 3	O. NIM	T BULB		
												SALINITY		S/N 4603		*			دو	Н	TB SOLB		COD I.D.
															MAX	<u>0</u>	-	2000	- 4	Н	PRESSURE		
												SALINITY	SAMPLE BOTTLE DATA	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve			583	0	SEA STATE VISIBILITY WIND		
		-				v						ALL/	TE TE	S/N 742	n) ( S	bleed valv		REI	3520	deg knt's	DIRECTION WIND SPEED		STATIC
							<b>B</b> 3					SAL	S/	21			J	REMARKS	5Q	t's	CLOUD (amt)		STATION DESIGNATION
					\ \ \	<2	35 51	50	49	201	こなり	NUTR	SAMPLE BOTTLE NUMBER				on June	<del>-</del>			WEATHER BOTTOM		NATION
					283	283	283	283	283	285		CHL	TTLE NUI				6	t	22	Н			
									T			WHIT's	MBER								STATION NAME / ID		

PG

유

12	<u></u>	<del>-</del>	9	8	7	6	5	4	ဒ	N	_	POS	ITION	SEC (	PRI C	SEC 1	PRESS SN	SBE 9+			COL	NSECUTI	VE		VESSEL
					0	10	20	30	40	S	Bot	TRIP		SEC COND SN	PRI COND SN	SEC TEMP SN	PRESS SN	)+	261	DEG			_	Z	SEL
			3						36		i i	H PRESSURE	-	530	535	889	92067 884		シ う テ ス	MIN	LATITUDE			IOAA Ship MIL	:
		-						,				RE PRIMARY TEMP	CTD CONVE	✓Pri DO S/N-910	AT SURFACE	AT DEPTH	DATA ON	TIMES	- 1774 - 192	DEG MIN	LONGITUDE			NOAA Ship MILLER FREEMAN	
												TEMP   SECONDARY TEMP	ONITOR VALUES	Sec DO S/N			Tape/Diskette ID		W ひ O S E P	DAY MO YR	DATE			MF-10-06	PROJECT & LEG
														904 PA			te ID File Name/Header	ဂ္ဂ	0 0 9 5	HR MIN	GMT B	TIME		06	LEG
				, .		:						SALINITY		PAR S/N 4603		- 1		0.62	हि जिल्ला स्ट्रि	င်	BULB BULB	DRY WET			COD I.D.
												SALINITY	SAMPLE BOTTLE DATA	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve			00000	mb deg	SEA VIS	STATE BILITY ID ECTION			S
														742		id valve		REMARKS	10	knt's	WIN	ID SPEEI			STATION DESIGNATION
											834	SAL	SAMP			000		KS			TYF	OUD (amt) PE ATHER		0	ESIGNAT
					000	0	2000	S	500	1	24	NUTR	LE BOTT			(c) /www	_		1		DEPTH	воттом	1	300	NOI
	,				20%	283	283	283	283	285		CHL NUTR	SAMPLE BOTTLE NUMBER			*		3			NAME / ID	STATION		<i>J</i>	

PG 12 OF

52 F 69

12	=	10	9	œ	7	6	ഗ	4	ω	N	<u>9</u>	POS	ITIO	N		SEC C	SEC TE	PRI TEMP SN	PRESS SN	SBE 9+	0_	-		NSECUTI\ ST #	Æ	VESSEL
					0	6	00	3	5	31	P. L.	TRIP				SEC COND SN	SEC TEMP SN	MPSN	NS		- 6	DEG			- NO	臣
			9						w			PRESSURE	ű.			530	535 889	884	92067	92067	- - - - -	MIZ	ATITUDE	C.E. H.	AA Ship MII	;
										_	<u></u>		-	,	CTD	Pri DO S/N=910	AT SHEEACE	START DOWN	DATA ON		1 3 4 2	DEG	LONGITUDE	LES HA	NOAA Ship MILLER FREEMAN	
					3					124		PRIMARY TEMP			CONVERTED M					TIMES	⊗	MIN DAY	TUDE	H2.C)	MAN —	
												SECONDARY TEMP			ALUES	Sec DO S/N 9			Tape/Diskette ID	DAT	S E P 1 0	Y MO YR	DATE	El	MF-10-06	PROJECT & LEG
										<u> </u>	<u> </u>	TEMP				904				DATA LOCATION	0	HR MIN	GMT	TIME		LEG
												SALINITY			- 1	PAR S/N 46			File Name/Header		(i)	ဂံ	BULB	DRY		COD I.D.
											_					4603	 		(	000	0	1-	BULB.	\$ 70 TI		.D.
																	Clear	<u> </u>   			エ	mb	SEA	STATE		
												SALINITY	DATA	SAMPLE BOTTLE		WETStar S/N	Cleaned air bleed valve				O		VIS WIN	IBILITY ID	_	
		£e.				İ						YT	ГА			S/N	bleed	:			0	deg	DIR	ECTION		TST/
															-	742	valve	•		REMARKS	-15	knt's	4IW	ID SPEED	ı .	STATION DESIGNATION
											(3)	SAL			S			í	6	RKS			CLC	OUD (amt)	١,	DESIG
		_			_					╄-	ļ	<del> </del>	-	•	AMPL								WE	ATHER	_0	ITANI
					27	2	65	三	5		6	NUTR			E BOT			3	3		괴	,	DEPTH	воттом	0 M40	NO
					28.25	282	3 3 y	<b>3</b> 0 <b>3</b> 0 <b>3</b> 0	ار الر	385		CHL			SAMPLE BOTTLE NUMBER								NAME / ID	M STATION	1	
												NUTR			T)								:/ID	NON.		

PG \3

유

12	==	10	9	œ	7	6	5	4	ω	N	<u>5</u>	POS	ITION	SEC C	PRI C	SEC T	PRI TEMP (	SBE 9+	0		CONSECUTIVE CAST #		VESSEL
					0	5	ည ၁	لر <b>ب</b> ارد	まう	UI.	as of the	TRIP		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	2	460	DEG		NC	
									×	-		PRESSURE					884		5 9 6 N	Z Z	LATITUDE	NOAA Ship MILLER FREEMAN	
-														Pri DO S/N-910	AT SURFACE	AT DEPTH	START DOWN		- - - - - - - - - - - -	DEG	LON	ER FRE	
												PRIMARY TEMP	CTD CONVERTED MONITOR VALUES	S/N₌910			Ž	TIMES	فخد	MIZ	LONGITUDE	EMAN	
												-	ED MONITO	ນຣ໌ec DO				<del>.</del>	<u>გ</u>	DAY		_	<u>-</u>
										*		SECONDARY TEMP	OR VALUES	S/N			Tape/Diskette ID	DA'	E P	MO YR	DATE	MF-10-06	PROJECT & LEG
												TEMP		904		<u> </u> 		00.	0 - - - - - - -	HR MIN	TIME	96	LEG
												SALINITY		PAR S/N	80		rile Naille/Headei	ON Nome / Least	(A)	റ്	DRY	_	00
												TY	\$3	4603				0.54 -	(N	റ്	BEEN STATE	-	COD I.D.
														. WE	MAX. DEPTH (m)	Clean		<b>.</b>	Ω _	mb	PRESSURE SEA STATE		
												SALINITY	SAMPLE BOTTLE DATA	WETStar S/N	PTH (m)	Cleaned air bleed valve			0	deg	VISIBILITY WIND	-	
;		. '										_		V 742	79	ed valve	_	REMARKS	0	knt's	DIRECTION WIND SPEED	1	STATION
											839	SAL	SAN				03/3/2	ARKS	<u>+</u>		CLOUD (amt) TYPE WEATHER	032	STATION DESIGNATION
					五十十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十	الد ال	72	11	山っ	50	€	NUTR	SAMPLE BOTTLE NUMBER				7		<del>11</del>		воттом	11	TION
					535	25.50	)ç3.	い プ ブ!	<b>N</b> ≫	385		CHL	TLE NUN						00	-			
									ž			WHIT's NUTR	18ER								STATION NAME / ID		

PG 14 OF

12	±	10	9	ω		7	თ	ÇT -	4	ω	2		POS	ITIO	N	SEC	PRI C	SEC:	PRIT	SBE 9+	0		CON		CUTIV	E		VESSEL
						9	5	U	ر ار	5	ां ०	G Nost	TRIP			SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	6 6N	5	DEG				_   		SEL
	,		14 14							ú.		7	PRESSURE			530	535	889	884		<u></u>	MIN	LATITUDE			NOAA SIIID WIILLER FREENIAN		
	:														Č	✓Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN		1 1 1 10 10 10	DEG 1	LONGITUDE			בת את הת התא		
												:	PRIMARY TEMP		() () () () () ()	=910				TIMES	142W	MIN				MAIN	<u> </u>	
													SECONDARY TEMP		C D COMA LEGIS CO. A CICOLO	Sec DO S/N			apo) Diskotto i D	Tapa/Diska	) SEP	DAY MO Y	0				M 10	PROJECT & LEG
													Y TEMP			904	1		'	, OC	0 0	YR HR MIN	-	TIME		_ G	06	S LEG
													SALINITY			MPAR S/N			le Naile/Heade	ON	S 3.3	റ്	m	DRY				COD I.D.
i													_			4603			l	J.H.C	, 0 1/7	╁	BULES		がよ			į.
									v				SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	MAX, DEPTH (m)	Cleaned air bleed valve	•		(A)	mb deg	SEA VISI WIN	SSU STA BILI ID	ATE			
		=:					,						7		ШШ	/N 742		eed valve	6	REMARKS	5	╀	DIR WIN		PEED	-	1	STATION DESIGNATION
												340	SAL			SAME			09/201	KS			TYP	DUD E ATHE	(amt) ER		3	ESIGNA.
						00	20	1			<u> </u>	1	NUTR		- - - -	O E BOTTI	:		7		رة بر		DEPTH	воттом		5	-	TION
					•	ا (رو ا در	7 2 2 3	بدلا	78 J	) 2 2 2	7		CHL NUTR		i S	CAMBI E BOTTI E NI IMBED							NAME / ID	STATION				

PG OF

12	=	10	ဖ	8	7 ,	6	51	4	ω	N	<b>্</b>	POS	ITIO	N		SEC C	PRI CO	SEC T	PRI TE	SBE 9+	0		CONSECUTIVE		VESSEL
		-			0	0	りつ	30	ロフ	スク	1110	TRIP DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	n +	60	DEG	4	NO	EL
									G			PRESSURE								92067   DAT		MIN	LATITUDE	NOAA Ship MILLER FREEMAN	
												PRIMARY TEMP	1000		CTD CONVERTED	/N₌910	AT SURFACE	AT DEPTH	START DOWN	DATA ON	(V) (V) (V) (V) (V)	DEG MIN	LONGITUDE	REEMAN	
								i				SECONDARY TEMP			CTD CONVERTED MONITOR VALUES	✓ Sec DO S/N 904				Tane/Diskette ID	3 S E P 1 0 \	DAY MO YR HR	DATE	MF-10-06	PROJECT & LEG
												SALINITY				✓ PAR S/N 4603				DATA LOCATION   	び り り 3.5	MIN	TIME DRY +	-	COD I.D.
												SALINITY	DATA	SAMPLE BOTTLE	_		N.	Cleaned air bleed valve		9.2.0	5 1 2 2 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1	°C mb deg	PRESSURE SEA STATE VISIBILITY WIND	-	).
		) (#)									13 H	TY SAL		in in		3/N 742			6	REMARKS	<del>                                     </del>	g knt's	DIRECTION WIND SPEED CLOUD (amt) TYPE	100	STATION DESIGNATION
		:	,		C88 22	20 20 77 20	200 200 200 200 200 200 200 200 200 200	20 7月 <b>22</b> 30 30 30	280 HX	20 T	<b>X</b> 0	AL NUTR CHL			SAMPLE BOTTLE NUMBER				3/357		6 F		WEATHER  DEPTH  DEPTH	35	GNATION
			£.)		(j)	تر	برو	``\	 		/	HL NUTR			NUMBER							-	STATION NAME / ID		

高台。0

12	<b>:</b>	10	9	œ	7	თ	თ	4	ယ	2	<u>ଚ</u>		SITION	SEC C	PRI CO	SEC TE	PRI TEMP SN	SBE 9+	0		CONSECUTIVE CAST #		VESSEL
					0	ó	20	G	5	J.	3 TL	DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	MP SN		0	DEG	*	NO	E
									32			PRESSURE					92067 884		() () () () ()	MZ.	ATITUDE	NOAA Ship MILLER FREEMAN	
<u> </u>				_	L								-	VPri DO	AT SURFACE	AT DEPTH	START DOWN		173	DEG	LON	LER FRI	
												PRIMARY TEMP	CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	Œ		<u> </u>	TIMES	り 0 8	MIZ	LONGITUDE	EEMAN	
							:			- 615		-	D MONITOF	Sec DO S/N			l ap	1	<u>)</u>	DAY	DA		PR
										:		SECONDARY TEMP	? VALUES	3 S/N 904			l ape/Diskette ID	DATA	E P 1 0	Ϋ́R	DATE	MF-10-06	PROJECT & LEG
						<u> </u>						Sp P	,	<u></u>			•	00.	5 [J]	HR MIN	TIME		മ
:			E									SALINITY	£3.	PAR S/N			File Name/Header	· Z	() -	<u> </u>	DRY		COD 1.0
												7		4603				600	11 11	ဂိ			) I.D.
														<u>√</u> §	MAX. DE	Clean			رو	mb	PRESSURE SEA STATE		
		10)		:								SALINITY	SAMPLE BOTTLE DATA	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve			() ()	deg	VISIBILITY WIND DIRECTION		\TS
														742		valve	_	REMARKS	<b>2</b>	knt's	WIND SPEED	لير	ATION D
											水	SAL	SAMI				03	RS.			CLOUD (amt) TYPE WEATHER	25	STATION DESIGNATION
					25	-	ļ	9	_	90	89	NUTR	PLE BOTTI				3 33.3		€ 00		BOTTOM DEPTH	V	TION
					083	2) 20 (2)	2000	<b>3</b> 83	ンタッ ッ	286		CHL NUTR	SAMPLE BOTTLE NUMBER								STATION NAME / ID		

PG 17 OF .

12	=	10	ဖ	ω	7	6	Ŋ	4	ω	N	10	POS	ITION	SEC C	PRI CO	SEC T	PRI TE	SBE 9+	0		CONSECUTIVE CAST #		VESSEL
					0	0	ひ つ	30	50	J.	dooth	TRIP		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	2	860	DEG		Z Z	円
														530	535	889	884	92067 92067	000	MIN	LATITUDE	NOAA Ship MILLER FREEMAN	
												PRESSURE		K					N N		IM .	p MILLE	
							_							Pri DO	AT SURFACE	AT DEPTH	START DOWN		(U)	DEG	5	R FR	
		c										PRIMAF	CTD CON	Pri DO S/N= 910	i I		≩ 	TIMES	_	MZ	LONGITUDE	EEMAI	
												PRIMARY TEMP	CTD CONVERTED MONITOR VALUES		ì			•	\ <u>\$</u>			_	
										- 02		+	MONITO	√Sec [			<u> </u>	<del>-</del> 1	() () ()	DAY			P
												SECONDARY TEMP	IR VALUE	Sec DO S/N			יייייייייייייייייייייייייייייייייייייי	DATA I	E	ð	DATE	MF-10-06	PROJECT & LEG
			ļ									RY TEM	33	904			8		1 0 \	H H	-	0-06	& LEG
												<u>ס</u>		-				DATA LOCATION	S	HR MIN	TIME		
												SAL		PAR S/N			Taginto/1	ATION	رو	ဂိ	DRY		
	,		,		-	,						SALINITY		46			0000					_	COD I.D.
														03				701.1	(A)	ဂိ	BUTE	_	
														<u>Z</u>	MAX. D	Clea				퓽	PRESSURE SEA STATE		
												SALI	SAMPLE BOTTLE DATA	WETStar S/N	DEPTH (m)	Cleaned air bleed valve			(C)	-	VISIBILITY	1	ļ
												SALINITY	AMPLE OTTLE DATA	r S/N	(M)	r bleec			UT UT	deg	DIRECTION		TS
						-								742		valve		REMARKS		knt's	WIND SPEED		STATION DESIGNATION
_											THE THE	SAL	SA				6	RKS			CLOUD (amt) TYPE	0371	DESIGN
					10	101	5	99	86	Eb	96	. NUTR	MPLE				03/200	-			WEATHER	I	NATION
					D D						0	<del>  -</del>	ВОТТ				9		5 I		ВОТТОМ		_
			-		ン& y	2000	0837 7	283	シメツ	285		CHL N	SAMPLE BOTTLE NUMBER								STATION NAME / ID		
												NUTR	Ä							_	N ON		

PG \S OF

12	<del>-</del>	10	ပ	8	7	6	σı	4	ω	2		POS	ITIO	N	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	0	-		NSE	CUTIVE		VESSEL
			12		0	5	0	3)	I,O	л Э	Bost In	TRIP DEPTH			ND SN	ND SN	MP SN	MP SN	n Z	9595	DEG	1			NOA	
												PRESSURE			530	535	889	884	92067	9 . 3 / N	Z Z	ATITUDE			NOAA Ship MILLER FREEMAN	
												ORE			✓Pri DC	AT SURFACE	AT DEPTH	START DOWN	DATA ON	172	DEG	Б			LLER FF	
!					:							PRIMARY TEMP		CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	CE		NW	TIMES	43.34 W	N N	LONGITUDE			REEMAN	
_					-					764	<u> </u>	+		ID MON	Se					G O	DAY					
												SECONDARY TEMP		ITOR VAL	Sec DO S/N			200	DATA I Tane/Diskette ID	S E P	MO	DATE			MF-	PROJECT & LEG
												ARY TE		UES	904				DATA kette IT	1 0 2	¥				MF-10-06	OT & LE
						-					$\vdash$	<u>S</u>						١.	- 00	3002	HR MIN	GMT	TIME			ធ
	:											SALINITY	-		PAR S/N			100 c	ATION   File Name/Header	2.	1	вицв	DRY			<u>_</u>
												NITY			N 4603		-		ader 0,7°C	-4]	-	BULB		£0.		COD I.D.
			-												<u> </u>	MAX. D	Clea			- W	mb		ESSU			
												SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	DEPTH (m)	Cleaned air bleed valve			83		VIS	IBILI	TY		
		15										YTIN	TA	FLE		m)	bleed			30	deg	DIR	ECT	ION	_	STA
				!											742	6	valve		REMARKS	ū	knt's	WIN	ND S	PEED		TION
							44					SAL		SAN					KS	4		CL( TYF WE	DUD PE ATH	(amt)	SHUBOL	STATION DESIGNATION
			<u> </u>		130	10°%	5	106	5051	104	103	NUTR		SAMPLE BOTTLE NUMBER						8		DEPTH	воттом		5	TION
			   		2000	283	283	-	D & Y	285		어								<u>«</u>	1				-	
					<i></i>			<i>y</i>	9	D,		WHIT's		JMBER								NAME / ID	STATION			

PG 19 OF

12	=======================================	10	9	8	7	6	CJ	4	ω	2		POS	ITIO	N	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	22		CAS	ISECUTIVI ST #	=	VESSEL
				Ī.	0	0	20	30	40	50	307	TRIP DEPTH			ND SN	ND SN	MP SN	AP SN	2	5 6 5	DEG			NO	<b>!!</b>
												PRESSURE			530	535	889	884	92067 93067	50.87 <sub>N</sub>	MIN	ATITUDE		NOAA Ship MILLER FREEMAN	
												ñ			Pri DO	AT SURFACE	AT DEPTH	START DOWN	7 A 7 A	172	DEG	[0]		LER FR	
					:							PRIMARY TEMP		CTD CONVER	Pri DO S/N: 910	e E		WN	TIMES	06.113	MZ	LONGITUDE		REMAN	
										¥ii				CTD CONVERTED MONITOR VALUES	V Sec DO S/N					₩ 3 0s	DAY N	D,A		-	PA
					;			;				SECONDARY TEMP		? VALUES	O S/N 904			ape/Dishelle ID	DATA	E P 1 0	Ϋ́R	DATE		MF-10-06	PROJECT & LEG
												S O			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	]		'	00	2209	HR MIN	GMT	TIME	<u>.</u>	Ω
											:	SALINITY			MPAR S/N 46		,	6 2 6		ري دي	Н	BULB .	DRY		COD I.D.
	_														4603	2			D.6.6	•	റ്		S31		D.
												SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve			1048350	mb deg	SEA VISI WIN			
		-		į								~		111   111	7,	フロッ	eed valve		REMARKS	4	Н	WIN	D SPEED		STATION DESIGNATION
											S	SAL		SAMPL					SS	4	П	TYP WE/	ATHER	1	ESIGNATION
					116 283	3250	114 283	113 283	112 283	11/ 285	110	NUTR CHL		SAMPLE BOTTLE NUMBER						75		DEPTH	воттом	, June	) N
=					33	283	33	33 1757	33	S		HE WHIT'S	0	NUMBER								NAME / ID	STATION		

PG X OF

	1		I	1		-				7		17		· · ·	T;	Λ T	1 (0	<b>71</b> -	0.00	T		20140	·		
12	=	10	9	ω	7	6	<sub>Ω</sub>	4	ω	N	-	POS	ITIO	N	- 000	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	2		ONSE AST#	CUTIVE		VESSEL
					0	0	90	30	40	50	108	TRIP			24	NS ON	MP SN	MP SN	2	72	DEG			Z	-
			55															,		_9	<u> </u>	!		NOAA Ship MILLER FREEMAN	
												PRES			2	530	889	884	92067	<u>.</u>	MIN	) ) 1		Ship	
												PRESSURE	-		Į.	7≥	. A	ST	2	Z				MILLE	
															=	AT SURFACE	AT DEPTH	START DOWN	7 7 7	7	DEG	- )		BF	
												PRIM			CIDC	SURFACE		NWO	I	N	MIN	)		NEEN	
							İ					PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	010			TIMES	8	MIN C	) 		ÂN	
												ËMP			TED M	1				<u>د</u> ي	DAY			-	
						<u> </u>						SECC			MONITOR VALU	? 		<u>   </u>	<del> </del>	S m	$\vdash$	)			PR
									:			SECONDARY TEMP			VALUE	0 2		apo/Dishotte (D	֓֞֝֞֜֜֝֞֜֝֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֡֓֓֡֓֓֓֓֓֡֓֡֓֡֓֡֓֡֓֡	ס	MO	1		MF-10-06	PROJECT & LEG
		:										Y TEN			S	2		1 6	DATAL	<u>-</u> در	Ä			-06	& LEG
					-			<u> </u>			:	₹					1		DATA LOCATION	w در	HR MIN	TIME			
								•				(O			1				2	S				-	
												SALINITY			TAN 0/14	- 1		0		₩ •	SOLB BOLB	DRY			COL
						:						7			4000	200		20	Ö	(	SUL B	WET	55%		COD I.D.
				_												3			2010	X	-	RESS	•		
															Z VV	MAX. DEPTH (m)	Clean			094	s	EA ST	ATE		
												SALINITY	DATA	SAMPLE BOTTLE	ALC I OIGI OVIN	PTH (r	Cleaned air bleed valve			83	- N	ISIBIL /IND	ITY	-	
						İ						YTI	Ä	<u>۳</u> ۳	0/12	n) 6.	bleed			0	deg D	IRECT	TON	-	STA
															74,7	740	valve		REMARKS	71	knt's	/IND S	PEED		TION
						B42						SAL			S				SXE	4	Т	LOUD YPE			STATION DESIGNATION
				-										-	AMPLE							/EATH	IER		NATIO
					20	27	(2)	3.	2	₹	2	NUTR			SAMPLE BOTTLE NUMBER					7	DEPIH	воттом			Ž
					283	203	283	283	283	285		어니								4				-	
						~~		3				WHIT's		ļ	MBEF						NAME / IU	STATION			
	_											TR										Ž			

PG 7 1 OF

12	=	10	ဖ	8	7	6	ഗ	4	ω	N	_	POS	ITIO	N	SEC C	PRI C	SEC T	PRI TE	PRESS SN	SBEO	0 2		CONSE	CUTIVE		VESSEL
			122		В	-0	26	20	070	0	Set	DEPTH			SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	S SN	F  - - -	2200	DEG			70N	SEL
												PRESSURE			530	1 <del>-</del>	889			_ L	93.06 N	MZ I	ATITIIDE		NOAA Ship MILLER FREEMAN	
														C	K Pri DO S/N=910	AT SURFACE	AT DEPTH _	START DOWN	DATA ON	TIMES	8011	DEG MIN	IONGITIDE		ER FREEM	
										W.		PRIMARY TEMP S		CID CONVERTED MONITOR VALUES	)10 K Se				ŗ		10M99	N DAY			AN	
												SECONDARY TEMP		HOH VALUES	Sec DO S/N 904				Tape/Diskette ID	1		MO YR	DATE	1	MF-10-06	PROJECT & LEG
:																		•	Š	DATA I OCATION	49,50	₹	GMT F			G
												SALINITY			MPAR S/N 4603			CT0022	le/Header O.9 ℃		1 4 2	င်း	DRY WET	7		COD I.D.
							1					SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve		_(		1084	mb dec	PRESS SEA ST VISIBIL WIND	URE ATE ITY		co.
						:					8-46	SAL		v A	N	66 m	d valve			REMARKS	16 41	8 -	WIND S	(amt)	70 m	വ
					130 2	128 2	128 2	ころ	126 283	125 285	6 124	NUTR		SAMPLE BOLLE NOMBER							1 7 /		WEATH BOTTOM	IEM	70	ATION
					243	283	283	283	7.7	3		CHL NUTR											STATION NAME / ID			

PG 22 OF

PG 23 OF

Г					<u> </u>	_		1		Τ			s ~	<u></u>	)	·			<del></del>						
			STATION	NAME / ID						MBER		04	WHI VS	127/											
5		2				-				SAMPLE BOTTLE NUMBER			동		285	263	283	283	283	582					
,	20.	<b>₹</b>	BOTTOM	DEPTH	7					E BOT			NUTR	131	132	133	134	13	136	少	3				
STATION DESIGNATION		し つ ~	A3HT							SAMPI		845	SAL				8-45								
N DES	ב ה ה	1	(tms) QL	СГО		75	*	9		-	•	8	0,				8								
TATIO	5		O SPEED		knt's	REM		d valv	<b>6</b> 6 742																
<u>v</u>	)		ЮІТЭ		deg C	2		Cleaned air bleed valve	ar S/N		SAMPLE BOTTLE	DATA	SALINITY												
			STATE YTIJI8	MINE VISIE	8			aned a	MAX. DEPTH (m)		SA BO	Ω	SAI												
			∃auss			- )		ဦ 	X X	j 															
2	<u>.</u>		of 25	BULB	ပ္စ	2%		_	4603				>-												
	3		DRY	BULB	ပ္ လ လ	<del>,</del>	File Name/Header		PAR S/N		- 1		SALINITY												
			TIME	GMT	AH N	20	FIG N		13				Δ.						-						
8 FG		90-			m °	ATAL	tte ID		904	S			Y TEMP						•	a H					
PROJECT &		MF-10-06	Ē):	111		L L	Tape/Diskette ID		N/S	CTD CONVERTED MONITOR VALUES			SECONDARY							0					
PBC	<u>.</u>	_		DA	O.	5	Тар		Sec DO S/N	NOTING			SECC							2					
					DAY				K	TED M			EMP		40				۲.	7					
		JAN		JDE	NIM To	-			910	CONVER			PRIMARY TEMP							SES					
		REEN		LONGITUDE	> \( \( \triangle \)	2	_ NWO	王 :	ACE O S/N	СТБ (			PRIN							0					
		ERF		7	DEG 70	_ _	DATA ON START DOWN	AT DEPTH	AI SURFACE Pri DO S/N: 910											کے					
	;	NOAA Ship MILLER FREEMAN				_		< -					PRESSURE												
	i	Ship		LATITUDE	NIM C	92067	92067 884	889	530				PRE												
		AOA		LAT	n			7	7				, I					-							
ZEL					DEG 9 2 59		PRESS SN PRI TEMP SN	SEC TEMP SN	SEC COND SN				TRIP DEPTH	BOT	20	40	30	20	10	$\phi$					
VESSEL	1		18ECUTIVE T#	COV	6	SBE 9+	PRESS SN PRI TEMP	SEC 1	SEC		٨	IOIT	POS	~	2	က	4	5	9	7	ω	တ	0	=	ç

12	=======================================	10	9	œ	7	6	5	4	ω	N	<u> </u>	POS	ITIO	N	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	2,40		CON		CUTIV	Ξ	VESSEL
			400		0	0	6	8	020	8	Bat	DEPTH			OND SN	ND SN	MP SN	MP SN	S	h 5 h	DEG				NG.	-
				;								PRESSURE			530	<b>7</b> .			92067	9.80N	Z Z	ATITUDE			NOAA SNIP WILLER FREEMAN	· · · · · · · · · · · · · · · · · · ·
												П			A Pri DO	AT SURFACE	AT DEPTH	START DOWN	DATA ON	70	DEG	LO <sub>2</sub>			בת הת	]
										;		PRIMARY TEMP			CTD CONVERTED MONITOR VALUES	CE		WN	MEG	39.181W	_ ≦ Z	LONGITUDE			EEMAN	1
							-			223				(	MONIT Sec	j '				0	DAY	1				
												SECONDARY TEMP	į	(	Sec DO S/N	) ) )		1	Tane/Diskette ID	₹0 10 10 10 10 10 10 10 10 10 10 10 10 10	NO.	DATE			MF-10-06	PROJECT & LEG
												RY TEM		î	904			i	Kette ID	100	YR F		-		0-06	T & LEG
							-				-	7			叉	   		le i	Cette ID File No	8 - 3	HR MIN	GMT	TIME			
	:											SALI	n		JPAR S/N			940 GZD	Name/He	3	_ ဂ	BULB	DRY		_	
						:						SALINITY			N 4603			7	arder Ø7°C	0	റ്	T 70	, WET	67.73 67.34	<i>b. t</i>	COD I.D.
															×	MAX. D	Clea			062	mb	PRE				
	į											SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	DEPTH (m)	Cleaned air bleed valve			<i>ω</i>		VISI	BILI	TY		
												YEN YEN	TA	TE PLE	N/S	m)	bleed			1 3	deg	DIRI	ECT	ION	_	-STA
										:	;				742		valve		HEMAKK	10	knt's	WIN	D S	PEED	- 3	J NOIL
											92	SAL		9	S				χ.			TYP	Ε	(amt)	<b>—</b> (	S
					145	7	- 4	(4)	140	139	138	NUTR		·	CAMBI E BOTTI E NI IMBEB							W DEPTH	BOTTOM	<u>EK</u>	- Live	ATION
					283	228	1 283	28%	783	728	`	유		- - !						677	-				_	
					C	283	, lui	. 2	<i>ن</i>	7		WHIT's L NUTR			IMBED					0 M 3 2		NAME / ID	STATION			

PG 24

유

12	1	10	9	ω	7	6	σı	4	ω	22	1 @	POS	SITION	SEC C	PRI CC	SEC TI	PRI TE	SBE 9+	<u>ග</u>		CONSECUTIVE CAST #		VESSEL	
					0	5	3) 5	3)	5	37	Lotth	DEPTH		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	Z Z	559	DEG		Z	E	
			21									PRESSURE						92067 DATA ON	) I O O O O O O O O O O O O O O O O O O	MIN DEG	LATITUDE	NOAA Ship MILLER FREEMAN		
	20									2.1		PRIMARY TEMP	CTD CONVERTED MONITOR VALUES	/N=910	ACE	국     	NWOC	TIMES	S)	MIN DAY	ITI	REEMAN	,	
												SECONDARY TEMP	ONITOR VALUES	Sec DO S/N 904				Tane/Diskette ID	90 110 100	AY MO YR HR	DATE	MF-10-06	PROJECT & LEG	
												SALINITY		PAR S/N 46				DATA LOCATION     File Name/Header	2 8 8	MIN	ME DRY	-	COD I.D.	
							!				<u> </u>			4603	MAX.			J. 80.0	6505	°C mb			.D	
												SALINITY	SAMPLE BOTTLE DATA	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve	100 00 00 CC		0	deg	SEA STATE VISIBILITY WIND DIRECTION		STA	
					_	i			<u> </u>					742		valve	WOOLS WASTER	REMARKS	93	knt's	CLOUD (amt)		STATION DESIGNATION	
			52								3	SAL	SAMPL				_	S			TYPE WEATHER	10M	SIGNATIC	PG
					5	50 2	HQ 2	148	+	_	145	NUTR	E BOTTL				10 3/342	2	<u>১</u>		BOTTOM	S)	ž	
					<u>ر</u> ر	アペア	187 187	280	<b>بر</b> جو	285	2.7	CHL NUTR	SAMPLE BOTTLE NUMBER				2)	かられて			STATION NAME / ID			OF

12	=	10	မ	œ	7	တ	ഗ	4	ω	2	100	POS	ITIO	N	SEC C	PRI CC	SEC TI	PRI TEMP	SBE 9+	0 V		CONSECUTIVE CAST #		VESSEL
				:	0	7	ひ つ	30	5	5	10 donth	DEPTH			SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	2	(N (S)	DEG		Z	EL
			52								ξ.	PRESSURE			530	535	889	9206 <i>/</i> 884	92067	ンパ リー・ ロー・ ロー・ ロー・ ロー・ ロー・ ロー・ ロー・ ロー・ ロー・ ロ	MIN	LATITUDE	NOAA Ship MILLER FREEMAN	
														Ç	Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN		1 0 E 1	DEG	LONGITUDE	LER FREEN	
												PRIMARY TEMP		C ID CONVEDITED MONITOR VALUES	910 VS				TIMES	- FOWO	MIN DAY	DE	MAN	
												SECONDARY TEMP		2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Sec DO S/N 904	:		ape/Diskette  D	DAT	<b>中</b> の 中の 中入 一 。	MO YR	DATE	MF-10-06	PROJECT & LEG
												EMP			K				00,	119	HR MIN	TIME		EG
												SALINITY			PAR S/N 4603			riie Name/Header		<u>তে</u>	റ്	BULB PAG		COD I.D.
	-	_													_	X			\$5°C	U U U	°C mb	PRESSURE	_	).
												SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	C DEPTH (m)	Cleaned air bleed valve			(U)	deg	SEA STATE VISIBILITY WIND		
		=													N 742		eed valve		REMARKS	0 . 20	knt's	DIRECTION WIND SPEED		STATION DESIGNATION
											72	SAL		·	CAMO			03	KS			CLOUD (amt) TYPE WEATHER	PEWOE	ESIGNATION
					5 2 2 2 2 2	283	N 13	八八 レッツ	NE DX	153 285	いいり	NUTR CHL						3 362		10		ВОТТОМ	٥	N
					(v)	لر	لر لا	) <sup>3</sup>	,i	CA		HL NUTR			MODO						-	STATION NAME / ID		

PG 26 OF

12	=======================================	10	9	ω	7	တ	σı	4	ω	N	<u></u>	POS	ITIO	N	SECC	PRI COND SN	SEC TE	PRI TEMP SN	PRESS SN	SRF o.	D)		CONS	ECUTIVE #		VESSEL
	_			:	0	5	20	હ	끙	ブ	denth	DEPTH			SEC COND SN	ND SN	SEC TEMP SN	MP SN	S		以 次 00	DEG			NO	P
		:										PRESSURE			530	D.			92067 D	23000	D D D	<u>s</u>	ATITUDE		AA Ship MILL	
												PRIMARY TEMP			CTD CONV	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	ול ע ע	DEG MIN	LONGITUDE		NOAA Ship MILLER FREEMAN	
										10					CTD CONVERTED MONITOR VALUES				Tape/		ν ν ν ο	DAY MO	DATE			PRO
												SECONDARY TEMP			ALUES			1	Tape/Diskette ID File Na	ľ	년 0 기	YR HR	E GMT	8.	MF-10-06	PROJECT & LEG
			,									SALINITY			PAH S/N 46				File Name/Header	-	ار 2	MIN °C	BULB	)		COD I.D.
		-													03	MA	Clea		ان در		(JI () () ()	°C mb	PRES	SURE	-	D.
												SALINITY	DATA	SAMPLE BOTTLE	WEIStar S/N		Cleaned air bleed valve		7		<u> </u>	deg	VISIBI WIND DIREC	LITY		STAT
		~							_		00	SAL			742 SAM		alve				<u>စာ</u>	knt's		D (amt)	103	STATION DESIGNATION
					25.71	164 28	い い い り り り り り り り り り り り り り り り り り			160 J85	- J.J.o	NUTR CHL			SAMPLE BOTTLE NUMBER						الب	$\vdash$	DEPTH		228	TION
					ري ا	برا. مر	ىر	נק	ىر		200	WHIT's			NUMBER					-			NAME / ID			

12	=	10	9	8	7	თ	5	4	ω	2	100	POS	ITIO	N	SEC C	PRI C	SEC T	PRI TE	PRESS SN	حو		CONSE	CUTIVE		VESSEL
	!				7	5	2)	3	<u> </u>	50.	2008	DEPTH			SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	S +	77.7 00	DEG			NO	Ä
												PRESSURE			530	1			7 \	の い い い い い い い い い い い い い い い い い い い	_ Z	ATITUDE		NOAA Ship MILLER FREEMAN	
												m			Pri DO	AT SURFACE	AT DEPTH	START DOWN	DATA ON	الد 0	DEG	<u> </u>		LER FR	
										1		PRIMARY TEMP	!	CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	CE		Š	IMES	N & W	MZ.	LONGITUDE		EEMAN	
		6								121		+		MONITO	Sec DO				<u></u>	ο ~	DAY	D		_	P
				:								SECONDARY TEMP	!	R VALUE:	0 S/N				DATAT Tape/Diskette ID	<b>中</b> の 中日 一	1	DATE		MF-10-06	PROJECT & LEG
	:											Y TEMP		O	904				Cette ID File Na	0 1 4	HA HA HA	о т		-06	% LEG
															<u>_</u>				File Na	(i)	<u>Z</u>	TIME			
												SALINITY			PAR S/N				ATION File Name/Header	<u>U</u>	ဂံ	DRY BULB			8
												Ţ			4603					CA	റ്	-BUTE	至		COD I.D.
															W	MAX. DE	∐Clear		()	(N	mb.	PRESS	ATE		
												SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	DEPTH (m)	Cleaned air bleed valve			(i)	<u>e</u>	VISIBIL WIND			
												7	Þ.	ЩÜ	S/N	n)	bleed v		_	0	deg	DIREC	TION	-	STAT
															742		alve		REMARKS	9) ()	knt's	WIND S		الإ	TION D
											∞ 90	SAL		SAN.				1	_			CLOUD TYPE WEATH	•	033	STATION DESIGNATION
		_			172	111111111111111111111111111111111111111	170	150	168		6	NUTR		SAMPLE BOTTLE NUMBER				03/18/2				BOTTOM	10 OF THE	36	TION
	_ :				223	50 50 60 70	レタツ	ンタラ	588	285		어		LE NOM				7			-				
												NUTR		BER								STATION NAME/ID			

PG

유

12	1	10	9	8	7	တ	ر ص	4	ω	2	5	POS	SITIC	DN	0	PRI C	SEC T	HR4	SBE 9+	g g		CONSECT	JTIVE		VESSEL
					0	5	20	الح	등	S.	47-30	DEPTH	5		OF COOM SIA	PRI COND SN	SEC TEMP SN	PRI TEMP SN	n + 2	00 00	DEG			Z	
									,			PRESSURE				<b>□</b> ~			92067	16.9HN	NIN	LATITUDE		NOAA Ship MILLER FREEMAN	
												PRIMARY TEMP			CTD CONVERTE	AT SURFACE	AT DEPTH	START DOWN	DATAON	3005 30 W	DEG MIN	LONGITUDE		ER FREEMAN	
												NP SECONDARY TEMP			CTD CONVERTED MONITOR VALUES			a politication of the	DATA LO	0 60 71	YA H	DATE		MF-10-06	PROJECT & LEG
											i	SALINITY			FAR 3/N 4603			lio lyallie/i leadel		(J)	MIN °C	TIME DRY WET	)		COD I.D.
												SALINITY	DATA	SAMPLE BOTTLE	VEISIAFS/N /42	MAX. DEPTH (m)	Cleaned air bleed valve	9	1,2°C RE	0 <b>ω</b> Ε	mb deg	PRESSUR SEA STAT VISIBILITY WIND DIRECTIO	E /	1	STATIC
				ļ !		7		5		1	85	SAL N			+		Ve	103/	REMARKS	UT		CLOUD (a TYPE WEATHER	mt)	10000	STATION DESIGNATION
					日の口の日	コペンスシ	ココンシスコ	585, 92	135 DR3	134·285	133	NUTR CHL			BOTTI E NII IM			3/201		1	$\vdash$	BOTTOM ST/			Ź
												WHIT's			D D D							STATION NAME / ID			

PG 29 OF

12		10	9	8	7	O	თ	4	ω	2	5	POS	SITIC	ON		SEC C	PRI CC	SEC T	PRI TE	PRESS SN	SBE 9+	<u>()</u>			NSE ST#	CUT	IVE		VESSEL
					d	5	ນຸ	() O	H o	្វា	depth	DEPTH				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SS	ŀ	UT O	DEG			::		NC	
									,			PRESSURE				530	535	889	884	92067	L	0 ひ 。 の て Z	MIZ	LATITUDE				NOAA Ship MILLER FREEMAN	
													-		СТІ	✓ Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN	DATA ON		5	DEG	LONGITUDE				LLER FREE	
												PRIMARY TEMP			CONVERTED N							ν Ω ΧΟ Θ		TUDE				MAN	
												SECONDARY TEMP			CTD CONVERTED MONITOR VALUES	Sec DO S/N				Tape/Diskette ID	H	\$ 0 \$ 0 \$ 2	Н	DATE	3			MF-10-06	PROJECT & LEG
	:											TEMP				904				0		1) - -	YR HR MIN	GMT	TIME	704	الرضم	-06	& LEG
												SALINITY				VPAR S/N 4603				File Name/Header		נر וע		BULB "	DRY				COD I.D.
																	ا ]≽			<u></u>		0	ဂိ		1	カモ			D.
												SALINITY	DATA	SAMPLE BOTTLE		WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve	$\sim$	このひとは一本	. ((	<u>-</u>		SEA	SSU ST BILI D	ATE			
	į	<u>(</u> )										7		<u>п</u> п		/N 742		leed valve	140210	4	וַם	J)	knt's	WIN		PEEC		いつろ	STATION DESIGNATION
						-		10	_		94	SALN			SAMPLE				3/3/7	1	2		١	TYP WE	E ATHI	(amt) ER		ろいい	ESIGNATIC
		İ			86 283	85 5 383	K&C. 73	183 383	588 1 ESV	181 . 285	180	NUTR CHL			SAMPLE BOTTLE NUMBER		+	00000	4	SAMAS		7		DEPTH 	BOTTOM S				ž
				*	س.	שני	(y'_	الرا	<i>y</i>		70 70	WHIT's NUTR			UMBER			Ö	HELEN	60000				NAME / ID	STATION			 	

) 유

TEO

12	<u>-</u>	10	9	œ	7	O	ζη.	4	ω	N	 POSI	TION	SEC C	PRI CC	SEC TI	PRESS SN	SBE 9+	රා		CONSECUTIVE CAST #		VESSEL
			E.S.								H1430		SEC COND SN	PRI COND SN	SEC TEMP SN	PRESS SN	- T	- UI 00	DEG		NO/	TI.
									,		PRESSURE	ń				92067		0 F Z	S S	ATITUDE	AA Ship MILL	
											E PRIMARY TEMP	CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN	TIMES	169 29.60	DEG MIN	LONGITUDE	NOAA Ship MILLER FREEMAN	
								_			<del> </del>	TED MONIT	√Sec DO					<ul><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li></li><li>&lt;</li></ul>	DAY			
/	Ž		:	!							SECONDARY TEMP	OR VALUES	DO S/N 904			Tape/Diskette ID	DATA	村二。	MO YR	DATE	MF-10-06	PROJECT & LEG
*											 MP	Î					00,	र्क एर ज	HR MIN	TIME		G
											SALINITY		PAR S/N			File Name/Header	_	(y)	ဝိ	BULB		COD I.D.
											<	-	4603			•	300	6	ငိ	P RT		I.D.
											SALINITY	SAMPLE BOTTLE	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve	REDO OF	1	0 0	mb deg	PRESSURE SEA STATE VISIBILITY WIND DIRECTION	-	8
													742	2 40 40	d valva	000010	REMARKS		knt's	WIND SPEED	-	TATION D
											SAL NUTR	SAMPLE BOTTLE NUMBER		7000		CONCE THE		<u>1</u>		CLOUD (amt) TYPE WEATHER BOTTOM	SCMO!	STATION DESIGNATION
						es es	0		ā	7	CHL WHIT'S	TLE NUMBER	:	7	カイナイン	COLL Y		0		M STATION NAME/ID		

PG SY 위

12	<u>-</u>	<del>1</del> 0	9	8	7	တ	ഗ	4	ω	2	(3)		SITIC	N	OEC COND ON	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	လ လ (၃)	-	CONSE CAST #	CUTIVE		VESSEL
			-		0	0	20	<i>ي</i>	40	8	death	DEPTH			NO ON	ND SN	MP SN	MP SN	S	15.75	DEG	1—		NO/	
									,			PRESSURE			000	<del>-</del>			92067	8. 5 3 2	Z Z	ATITUDE		A Ship MILL	
															CTD CON	AT SURFACE	AT DEPTH	START DOWN	DATA ON	16921.	DEG MIN	LONGITUDE		NOAA Ship MILLER FREEMAN	
										***		PRIMARY TEMP S			VERTED M					7 w 01	DAY	m ————		Z	
								;				SECONDARY TEMP			ONITOR VALUES	2			DATA L Tape/Diskette ID	SEP 102	ΥR	DATE		MF-10-06	PROJECT & LEG
=															NC AR S/N	V		CTD 032	DATA LOCATION   cette ID	0/213	HR MIN °C	TIME DRY GMT BULB			
												SALINITY			/N 4603			P	eader <i>0,5°</i> C	0	റ്		189		COD I.D.
												SALINITY	DATA	SAMPLE BOTTLE	NA FISTAL S/N	MAX. DEPTH (m)	l co		mutiple!	0058320	deg	PRESSI SEA ST. VISIBILI WIND DIRECT	ATE TY		S
	_	1				الم						SAL			/42	0	d valve		REMARKS	· ·	_	WIND S CLOUD TYPE	PEED	OF	STATION DESIGNATION
					4 %	w	12		189	188	, E81	NUTR		•	SAMPLE BOTTLE NUMBER		7100	3275	r proctar	~ &		WEAT BOTTOM	ER	Sec Mo	Į.
					283	183 183	ن ه س	<b>්</b> දුර	283	20 50 50 50 50 50 50 50 50 50 50 50 50 50		CHL NUTR			E NUMBER			1 De 1	7			STATION NAME/ID			

SBE 9+ SEC COND SN PRI COND SN SEC TEMP SN PR! TEMP SN PRESS SN **POSITION** 12  $\stackrel{\rightharpoonup}{=}$ 6 တ G 4 ω N ဖ ω ~ CAST# (po Bol W DEPIH ر ص 50 07 TRIP 0 DEG 47.94<sub>N</sub> LATITUDE 92067 92067 884 535 530 889 PRESSURE START DOWN 0 Pri DO S/N=910 AT DEPTH AT SURFACE DEG 8 LONGITUDE Breaking of CTD line to Sea CTD CONVERTED MONITOR VALUES PRIMARY TEMP TIMES Sec DO S/N SECONDARY TEMP 1919 Tape/Diskette ID DATE DATA LOCATION ¥ 904 アナスメ HR MIN TIME File Name/Header Cイり 633 以PAR S/N 4603 BULB DRY SALINITY BULB WET 84-88 Pmesum -8 <u>~</u> ⊗ MAX. DEPTH (m) 62 **PRESSURE** Cleaned air bleed valve WETStar S/N SEA STATE VISIBILITY SAMPLE BOTTLE SALINITY DATA WIND 5 DIRECTION 4 REMARKS 742 WIND SPEED 7 CLOUD (amt) SAL TYPE SAMPLE BOTTLE NUMBER WEATHER **BOTTOM** NUTR DEPTH 9 0 D G 285 2003 윉 283 283 282 NAME / ID STATION WHT'S

STATION DESIGNATION

CONSECUTIVE

Q

VESSEL

NOAA Ship MILLER FREEMAN

PROJECT & LEG

COD I.D.

しつで

60%

MF-10-06

5 =	ī	5	9	8	7	တ	თ	4	ω	N	_	POS	ITION		SEC C	PRI CC	SEC TI	PRESS SN	SBE 9+	رن O		CONS CAST	ECUTIVE #		VESSEL
0	Q.	,	ກ ວ	245	24.5	2N.5	30	6	270	61	dest	DEPTH			SEC COND SN	PRI COND SN	SEC TEMP SN	PRESS SN	T	H 22 6	DEG			NO	Ë
			•	:								PRESSURE			530			92067 884		. 60 Z	MZ	ATITUDE		NOAA Ship MILLER FREEMAN	-
	i														√Pri DO	AT SURFACE	AT DEPTH	DATA ON START DOWN		1640	DEG	LO2		LER FR	
												PRIMARY TEMP		CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	) 		<b>X</b>	TIMES	() () () () () () () ()	MIN	LONGITUDE		EEMAN	
														ED MONIT	V Sec					ロエ	DAY			_	<del>-</del>
		į										SECONDARY TEMP		OR VALUES	Sec DO S/N 9			Tape/Diskette ID	DAI	₽1 -	MO YR	DATE		MF-10-06	PROJECT & LEG
											ļ	TEMP			904	ì			00,	01748	工	TM:	Ť.	-06	LEG
												SALINITY			PAR S/N			File Name/Header	ž	3		BULB	2		
			-	!								7			4603				ر ا الا	9	ဂိ	9446	P.		
											02 - 242	40		S	✓ WET	MAX. DEP.	Cleaned	A SOP	•	و و	H	PRES SEA S VISIBI	TATE	  - 	
								i		:	12, 182	SALINITY	DATA	SAMPLE	WETStar S/N	DEPTH (m)	Cleaned air bleed valve	7 70		U	dec	WIND	·		<u>v</u>
		i									1	(0			742		valve	RECOVERS	REMARKS	וג	S	CLOU	SPEED D (amt)		STATION DESIGNATION
											(V) (V)	SAL		SAMP								TYPE WEAT		_	GIVA
× × × × × × × × × × × × × × × × × × ×		-	<u>.</u>	02	2)	0)	15	19	رن زه		تَو	NUTR		LE BOTTL			d'a	of Moo		الا الا		DEPTH			2
1283		+1,51	ڻ الا الا	289	288	-287	285	<u> </u>	<u>နဲ့</u> ယ	, je, i		CHL NUTR		SAMPLE BOTTLE NUMBER			1000/00	MODELINGS	)  -			NAME / ID			

PG 34 · 유

12	=	10	9	8	7	თ	თ	4	ω	2	-	POS	ITIO	N		SEC C	PRI CC	SEC T	PRI TE	PRESS SN	SBE 9+	(ن ن		CONSE	CUTIVE		VESSEL
						55	12.55	ist	8	ó	18	HIGGO				SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SN	†	6 72 72	DEG			/ON	EL
									,			PRESSURE				530	535	889	884	92067	92067	Z	Z Z	ATITUDE		NOAA Ship MILLER FREEMAN	
															C	χ Pri DO S/N-910	AT SURFACE	AT DEPTH	START DOWN	DATA ON	•	0 7 7	DEG	LONG		LER FRE	
									:			PRIMARY TEMP			TD CONVERTE	/N=910			z   			3 4 3 W	MN	LONGITUDE		EMAN	
										5.0		P SECONDARY TEMP			CTD CONVERTED MONITOR VALUES	X Sec DO S/N	1+			Tape/Diskette ID		0 F O T O T O T O T O T O T O T O T O T O		DATE		MF-10-06	PROJECT & LEG
							83	,				YTEMP			3	904			l		LOCATI	0   8 2 6	YR HR MIN	TIME		-06	& LEG
												SALINITY				¥PAR S/N 4				File Name/Header	ļ	3	ာိ	DRY "			COD I.D.
																4603	<u>&gt;</u>			2	2100	-2			24.4°		I.D.
												SALINITY	DATA	SAMPLE BOTTLE		WETStar S/N	MAX. DEPTH (m)	m .	7	0		2	mb deg	PRESSI SEA ST VISIBILI WIND DIRECT	ATE ITY		ST
			_													742		valve	_	RECOVERY	REMARK	,	knt's	WIND S			ATION DE
						- Can			4	~	1	SAL NUTR		-	SAMPLE BOTTLE NUMBER			9.	)	011		22		TYPE WEATH BOTTOM			STATION DESIGNATION
						383	により	1289	1288	くつよコ	1285	CHL NUTR			ENUMBER			90 d		MOO RINGS				STATION NAME / ID			

PG 35 OF

12	=	10	9	œ	7	6	ζī,	4	ω	2	-	POS	ITIO	N	_		SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SBE 9+	Ø36		CAS	NSE( ST#	CUT	VE		VESSEL
	0	Ó	30	30	33	S) S)	ان لن	FIO	510	6)	Charles and the second	TRIP					ND SN	NS O	MP SN	iP SN	2	5	DEG					NO	
			,									PRESSURE					530	535	889	884	92067	01.66N	S	ATITUDE				NOAA Ship MILLER FREEMAN	
																	Pri DO	AT SURFACE	AT DEPTH	START DOWN		7	DEG	LOI				LER FR	ļ
												PRIMARY TEMP		~		CTD CONVERTED MONITOR VALUES	Pri DO S/N=910	CE		WN	TIMES	\$ \$0 \tau	ZIZ	LONGITUDE				EEMAN	
										<u> </u> .						D MONI	Sec					φ 50	DAY					,	
												SECONDARY TEMP	:		**	FOR VALUES	Sec DO S/N			Tape/Disvette ID	DA:		MO YR	DATE	-			MF-10-06	PROJECT & LEG
												TEMP			-		904				00	0 0 0 0	豆	GMT	TIME			06	LEG
												SALINITY					PAR S/N			File Name/Fieader	Ž	H H		BULB	DRY				COD I.D.
												_					4603				4.5%	4	ဂိ	89778	TOTAL	至			I.D.
						,						SALINITY	DATA	BOTTLE	SAMPLE			MAX, DEPTH (m)	Cleaned air bleed valve	Star see of	2	9 4 000	deç	SEA VISI WIN	SSL STA BILI ID	ATE TY			TS
						, 											742		l valve		REMARKS	F	S		ID SI				ATION D
											18	SAL	1 0.	07 3	それとみ	SAMI				10 3/1	KS			TYF	DUD PE ATHI		)	-	STATION DESIGNATION
	3		ررو	33	•		•	21.	ည် ၁		٥	NUTR	8	300KING	2 DEAL	PLE BOTTL				mimus		122		DEPTH	воттом				TION
¥	200 y	* EFR	586	88k	186	385	383	- 283 - 283	350	19,20		CHL NUTR		MORINGS @ SITE 2	STORMENT.	SAMPLE BOTTLE NUMBER								NAME / ID	STATION				

BIGNERICO O JULY OF BIGNERICO

N 13.5,61

12	11	10	9	&	7	σ	51	4	3	2 //	<u>-</u> لارً		POS TRIP DEPTH		SEC TEMP SN 884	SEC COND SN 596	PRI TEMP SN 70	PRI COND SN 945	PRESS SN 2067	TYPE & SN 9+	CTD	037565	DEG	CONSC LA	VESSEL NOAA R/V MILLER FREEMAN
												pΗ		5	2000	<b>53</b> 0	20 10 1	S S S S		9+ S/N 2067 DA	뒽	1.65N	MIN	LATITUDE	FREEMAN
												DK	CTD CO	PAR 4942 VW			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	64 33. 74 W	DEG MIN	LONGITUDE	
												DOC	CTD CONVERTED MONITOR VALUES	WETSTAR 10800- SEC							ME	OCT	DAY MO YR	DATE JD=	PROJECT & LEG MF09-04, leg 2
												тос	VALUES	SEC Dissolved Oxygen 430				3年10-05	-MF-09-04; 1eg Z	Tape/Diskette ID		0424 4.6	HR MIN (°C)	TIME (GMT) DRY BUL	-G
														430904 R Dissolved Oxygen					CTD o 25	4.* File Nam	DATA LOCATION	917.129142	(°C) (mb) *	DRY BULB REL HUM PRESSURE	
												SALINITY	SAMPLE BOTTLE DATA	xygen 430910					4	File Name/Header		01312	* (deg) (knts) *	SEA STATE VISIBILITY DIRN. WIND SPD. CLOUD (amt) TYPE	STATI
											Н	MORDY'S SAL. NUTR.	SAMPLE BOTTLE NUMBER	(X)Cleaned air bleed valve			MAX. DEPTH =	205	MECRINGS 0	AFTER JEPL	REMARKS	16 1009	* * (m)	CLOUD (amt) TYPE WEATHER DEPTION	STATION DESIGNATION
								283	277	289	λ γ γ γ		LE NUMBER	leed valve			В		637163	D. C.				STA.	
											には、上上	0,													

--- 40 FC 94

12	<u></u>	10	9	ω	7	6	, (	ת	4	ω	2	_	POS	ITIO	N	SEC C	PRI COND SN	SEC TE	PRI TEMP SN	SBE 9+	03		CONS	SECUTIVE #		VESSEL
												2	TRIP			SEC COND SN	ND SN	SEC TEMP SN	MP SN	2	17 18	DEG		Z.	NO	
			3.5							,			PRESSURE			530	535			92067	N - N	NiN	ATITUDE		NOAA Ship MILLER FREEMAN	
																X Pri DO	AT SURFACE	AT DEPTH	START DOWN		(B)	DEG	LON		ER FRI	
							:						PRIMARY TEMP		CID CONVERTED MONITOR VALUES	Pri DO S/N-910	Ä		ŠŽ	TIMES	6.9 \ w	MIN	LONGITUDE		EEMAN	
				<u> </u>							90				E SON	∑ Sec					۵)	DAY				
									!			U:	SECONDARY TEMP		TOH VALUES	Sec DO S/N 904	£1		Tapo, Dianotto	DATA I	STEP 1 0	MO YR	DATE	¥	MF-10-06	PROJECT & LEG
:													EMP			Ā X	20.00		94	000	1619	HR MIN	GMT	TiME	0)	EG
													SALINITY			PAR S/N			CT002X	ATION	1.0		8JUB	DBY	-	COD I.D.
													_			4603				2000	co I	റ്	शास्त्र .	至		.D
													:			Z WE	MAX. DEPTH (m)	Clean		000	9	mb	SEAS	STATE		
							:						SALINITY	DATA	SAMPLE BOTTLE	WETStar S/N	PTH (m)	Cleaned air bleed valve	,	0 1 200	ω \$ 0	deg	VISIB	)		
		Æ											~		*** ***	V 742		ed valve	1.0000.7	REMARKS		knt's		SPEED		STATION DESIGNATION
												0.5	SAL			2				ARKS +	+	ΙI	TYPE		-	DESIGN
							_		,				NUTR		OAMFEE BOTTE NOMBER			6			_		WEAT DEPTH	THER  BOTTO		NATION
					-	F	1	K	X	<b>f</b> C	B	*	R CHL		,			3225	- (	0 - R- B - 1 A	<u>ب</u>	H				
										174			NUTR		ב פ פ פ פ			00 3] NAT /SELOW LC		>			NAME / ID	STATION		

12	=	10	9	8	7	6	ഗ	4	ယ	N	_	POS	ITIO	N	SEC C	PRI CC	SEC T	PRESS SN	SBE 9+	03		CON		UTIV	E	VESSEL
											28	TRIP			SEC COND SN	PRI COND SN	SEC TEMP SN	PRESS SN	7	9575	DEG	_			NO/	EL
	:											PRESSURE			530	<b></b>		92067		2 -0 -0	M N	ATITUDE			A Ship MILL	
												E PRIMARY TEMP		CTD CON	Pri DO S/N=910	AT SURFACE	AT DEPTH	START DOWN	TIMES	15217.	DEG MIN	LONGITUDE			NOAA Ship MILLER FREEMAN	
										***		_		CTD CONVERTED MONITOR VALUES	Sec DO S/N	¥3		ape		V W 07 90	DAY	DATE				PRO
												SECONDARY TEMP		VALUES	S/N 904			l ape/Diskette ID	S	- 0 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	YR HR		TIME		MF-10-06	PROJECT & LEG
												SALINITY	5	æ	X PAR S/N 4			File Name/Header		- a C +	°C	BULB	DRY		_	COD I.D.
															4603	7		· · · · · ·	ر ا ا	<u>;</u>	H	BULB		% ho		.D
												SALINITY	DATA	SAMPLE	WETStar S/N	MAX. DEPTH (m)	Cleaned air bleed valve	Lost proportorion of	· ·	99283300	deg	PRE SEA VISII WINI DIRE	STA BILIT	TE Y	9	STAT
							ļ <u> </u>					S			742	9	alve	الآر الآر	MARKS	2 90	knt's	CLO	UD (	amt)	7	TON DESI
						~		*	~	3	, h	SAL NUTR		SAMPLE BOTTLE NUMBER				10-00	0	- 89		TYPI WEA DEPTH	BOTTOM	R.		STATION DESIGNATION
									122			CHL NUTR		E NUMBER				•	7			NAME / ID	STATION			

PG 39 OF 39