WHITS NUTR NAME / ID STATION SAMPLE BOTTLE NUMBER ~ H Ю BOTTOM in STATION DESIGNATION DEPTH 00 25 NUTR アア **МЕАТНЕ** SAL TYPE REMARKS -20 80 CTOND (surf)
ShEED
DIBECTION
MIND Cleaned air bleed valve s/m ð MAX. DEPTH (m) SAMPLE BOTTLE 131 SALINITY DATA ChLAM S/N= VISIBILITY 32 3 **SEA STATE** 700 qш PRESSURE BULB WET DSDB I.D. 70 File Name/Header SALINITY N BULB DRY DATA LOCATION 000000 HR MIN TIME GMT 0 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID YR MF-01-FLUOR S/N= C1D CONVERTED MONITOR VALUES DATE <u>Q</u> <u>ි</u> ۵ DAY **PRIMARY TEMP** 7 0 7 NOAA Ship MILLER FREEMAN LONGITUDE START DOWN PAR S/N= AT SURFACE AT DEPTH و. و DATA ON DEG PRESSURE 91660 29772 **710** LATITUDE 304 530 5403 DEG DEPTH SEC COND SN TRIP SEC TEMP SN PRI COND SN PRI TEMP SN PRESS SN VESSEL **SBE 9+** CAST # 9 2 Ţ **NOITISO9** œ က ည ထ G CONSECULIVE

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WHITS NUTR NAME / ID STATION SAMPLE BOTTLE NUMBER ア 3 Q F 품 2. 2 STATION DESIGNATION BOTTOM DEPTH NUTER ရ ЭЧҮТ ЯЭН**ТАЭW** SAL 319 REMARKS 0549 Cleaned air bleed valve m/s pre. recovery @ KC MODEINS deg MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= Ø 30 SEA STATE 9 qu **PRESSURE** 70 BULB WET 寸 DSDB I.D. File Name/Header SALINITY ы BULB DRY DATA LOCATION 0050122222 HR MIN TIME GMT 00 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID YR FLUOR S/N= MF-01-CTD CONVERTED MONITOR VALUES DATE S DAY S **PRIMARY TEMP** 012109 NOAA Ship MILLER FREEMAN LONGITUDE PAR S/N= START DOWN AT SURFACE AT DEPTH DATA ON DEG PRESSURE 25 0 9 91660 29772 LATITUDE 710 884 304 NE DEG DEPTH SEC COND SN TRIP **SEC TEMP SN** PRI COND SN PRI TEMP SN PRESS SN 000 VESSEL SBE 9+ # TSAD 9 = 12 **NOITISO9** ผ က S ဖ ω တ CONSECULIAE

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WHITS NUTR NAME / ID STATION - DEPLOSABLIT SAMPLE BOTTLE NUMBER OF 분 4 BOTTOM STATION DESIGNATION DEPTH 20 122 4 NGTR @ CRAB MOOFITA PG **MEATHER** SAL CLOUD (amt) 300 REMARKS 0 747 Cleaned air bieed valve VISIBILITY
WIND
DIRECTION
WIND
SPEED
SPEED S/W deg MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= SEA STATE 2.966 5 đ PRESSURE ഗ BULB WET DSDB I.D. 00 File Name/Header SALINITY BULB DRY DATA LOCATION HR MIN TIME 0 1 0 . 4 GMT SECONDARY TEMP PROJECT & LEG MF-01- 06 Tape/Diskette ID ΥR FLUOR S/N= CTD CONVERTED MONITOR VALUES 70 DATE 9 0 DAY 5 PRIMARY TEMP 4 NOAA Ship MILLER FREEMAN LONGITUDE К START DOWN PAR S/N= AT SURFACE 0 9 AT DEPTH DATAON DEG **PRESSURE** 3 91660 29772 **710** LATITUDE 884 304 10 W DEG \$ DEPTH T. SEC TEMP SN SEC COND SN 표 PRI COND SN PRI TEMP SN PRESS SN 3 VESSEL SBE 9+ # TSYO 12 9 POSITION ีด LO. ဖ œ O CONSECUTIVE

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WHITS NUTR NAME / ID STATION 0 10 SAMPLE BOTTLE NUMBER ~ Ю 7 분 1 BOTTOM STATION DESIGNATION DEPTH ه. NOTR R KC-1-07 ЯЭНТАЭМ SAL <u>و</u> و TYPE REMARKS CLOUD (amt)
WIND
DIRECTION
WIND
WISHELTY Cleaned air bleed valve E/E deg MAX. DEPTH (m) SAMPLE BOTTLE 3 SALINITY DATA ChLAM S/N= (JO 00 **SEA STATE** ш 3AU223A9 0 BULB WET DSDB I.D. N File Name/Header SALINITY S BULB PRY ث DATA LOCATION HR MIN TIME GMT 01040 0 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID FLUOR SAN= MF-01-CTD CONVERTED MONITOR VALUES 0 0 DATE <u>Q</u> 0 DAY ٩ **PRIMARY TEMP** NOAA Ship MILLER FREEMAN TIMES LONGITUDE PAR S/N= START DOWN AT SURFACE AT DEPTH DATAON 9 DEG **PRESSURE** 91660 29772 **710** LATITUDE 884 304 DEG ٩ DEPTH SEC COND SN SEC TEMP SN TRIP PRI COND SN PRI TEMP SN

PRESS SN

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WHITS NUTR NAME / ID STATION 0 SAMPLE BOTTLE NUMBER OF 31 사 몫 BOTTOM STATION DESIGNATION DEPTH ی NUTR 20-1-27 Ŝ 23 S S **MEATHER** MEVINED
SEED
MIND
DISECTION
MIND SAL REMARKS 98 9 Cleaned air bleed valve m/s geo MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= YTIJIBISIV SEA STATE 50 5 9 PRESSURE 0 BULB WET ပ္ပ DSDB I D S File Name/Header SALINITY BULB DRY ပူ DATA LOCATION HR MIN TIME GMT 0 SECONDARY TEMP PROJECT & LEG MF-01-06 Tape/Diskette ID FLUOR S/N= CTD CONVERTED MONITOR VALUES 0 (S) DATE S DAY **PRIMARY TEMP** 4 NOAA Ship MILLER FREEMAN LONGITUDE 7 0 0 0 9 START DOWN PAR S/N= AT SURFACE AT DEPTH **DATA ON** DEG PRESSURE D 0 91660 29772 **710** LATITUDE 884 304 530 N N 2 2 DEG DEPTH SEC COND SN SEC TEMP SN TRIP PRI COND SN PR! TEMP SN 0 S N PRESS SN VESSEL SBE 9+ # TSAD 2 4 POSITION 7 ന ব S 9 œ G COÚSECULINE

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NUTR NAME / ID STATION BSM 2 SAMPLE BOTTLE NUMBER SH OF. nutrients for Thornton etal. - Record 4 BOTTOM STATION DESIGNATION DEPTH NCTR 08 Б **MEATHER** SAL TYPE CLOUD (amt) SPEED 005 REMARKS 0 8 0 Cleaned air bleed valve WIND DIRECTION MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= VISIBILITY $\boldsymbol{\omega}$ FATS A38 7 <u>-</u> Ę **PRESSUR** Ø BULB WET 4 DSDB I.D. File Name/Header SALINITY 4 BULB DRY **W** DATA LOCATION HR MIN 153 TIME GMT SECONDARY TEMP PROJECT & LEG MF-01- 66 Tape/Diskette (D XR FLUOR S/N= CTD CONVERTED MONITOR VALUES DATE S 0 DAY ھ • PRIMARY TEMP 4 LONGITUDE (™) 16402.83 NOAA Ship MILLER FREEMAN DATA ON START DOWN PAR S/N= AT SURFACE AT DEPTH DEG PRESSURE LATITUDE (M) 5652 44 91660 29772 710 884 304 DEPTH SEC TEMP SN SEC COND SN PRI COND SN TRIP PRI TEMP SN 9 9 600 0 V PRESS SN 4 30 0 <u>و</u> 0 VESSE SBE 9+ CAST# NOITISOR 9 Ę 4 œ O CONSECUTIVE

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٦ ۲ NAME / ID STATION BSM 2 S 3 مو OF. Mooking - Deployment 3 STATION DESIGNATION BOTTOM DEPTH ή Γ--_ဂ SEA STATE SPEED SP 1 6 8 0 2 2 8 O55 REMARKS Bothes for UNF Cleaned air bleed valve S/W ged 3 S **PRESSUR** 윤 0 BULB WET OSDB I.D. R File Name/Header BULB PR₹ DATA LOCATION 65012348 HR MIN TIME GMT PROJECT & LEG MF-01- 66 Tape/Diskette ID YR DATE Q Ψ 0 DAY <u>ہ</u> **6** NOAA Ship MILLER FREEMAN LONGITUDE 16403 START DOWN AT DEPTH DATAON DEG 2 91660 29772 710 884 LATITUDE N N n 13/9/5/21 DEG SEC TEMP SN PRI TEMP SN

PRESS SN

SBE 9+ 0

VESSEL

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PRIC	PRI COND SN		JRFACE			MAX. DEPTH (m)				
SEC	SEC COND SN	530 PA	PAR S/N=	FLUOR S/N=		ChLAM S/N=				
			CTD CONVERTED MONITOR VALUES	IONITOR VALUES			SAM	SAMPLE BOTTLE NUMBER	TLE NUM	BER
						SAMPLE		-		
N	ų.	74.		•		BOTTLE		<u>o</u>		
OIT						DATA	*			
POSI	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHITS
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12					•					'n

r ~ 4 WHITS NAME / ID STATION 4 SAMPLE BOTTLE NUMBER 3 on the way to station/moving PF 분 0 BOTTOM STATION DESIGNATION DEPTH 4 ተ NOTA THE æ PG 1 7 1 0 0 SAL Cleaned air bleed valve m/s 9 MAX. DEPTH (m) SAMPLE SALINITY DATA CHLAM S/N= 40 **IATS A38** 80 8 đ PRESSUR 6 BULB WET G DSDB I.D. File Name/Header SALINITY BULB DRY و DATA LOCATION 05010444 HR MIN TIME GMT SECONDARY TEMP PROJECT & LEG MF-01-06 Tape/Diskette ID ΥR FLUOR S/N= CTD CONVERTED MONITOR VALUES DATE S DAY 4 PRIMARY TEMP 6 NOAA Ship MILLER FREEMAN LONGITUDE ري 4 START DOWN PAR S/N= AT SURFACE AT DEPTH 1 6 4 DATA ON DEG **PRESSURE** 4 3 29772 91660 LATITUDE 710 884 30 88 53 05 0 4 DEPTH SEC TEMP SN SEC COND SN PRI COND SN TRIP PRI TEMP SN <u>و</u> و S 0 20 20 PRESS SN 20 VESSEL 90 0 SBE 9+ 0 # TSAD **NOITISO9** 9 42 Ξ, CONSECUTIVE

WHITS A B NAME / ID STATION SAMPLE BOTTLE NUMBER ruts for vate P 동 <u>00</u> BOTTOM STATION DESIGNATION AB DEPTH NUTR 7 on the way to ESCH 4 ව ව **MEATHER** SEA STATE
VISIBILITY
WIND
SPEED
SPEED
CLOUD (smt)
CLOUD (smt) SAL 7 REMARKS Cleaned air bleed vaive 0 m/s MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= ω 윤 **PRESSUR** Ŋ BULB WET DSDB I.D. 3 File Name/Header SALINITY 3 BULB DRY ß DATA LOCATION رم م HR MIN TIME GMT e O SECONDARY TEMP PROJECT & LEG Tape/Diskette ID _ ΥR FLUOR S/N= MF-01-C1D CONVERTED MONITOR VALUES 0 5 DATE Š DAY 4 9 75-PRIMARY TEMP NOAA Ship MILLER FREEMAN LONGITUDE ٠. PAR S/N= START DOWN AT SURFACE 1655 АТ ОЕРТН DATA ON DEG **PRESSURE** 7 0 29772 91660 LATITUDE 710 884 36 53 54 54 Z 4 " DEG DEPTH SEC TEMP SN SEC COND SN PRI COND SN TRIP PRI TEMP SN ۍ وکم و و Š B 30 PRESS SN 202 0 VESSE SBE 9+ 0 CAST # POSITION 9 # က = CONSECUTIVE φ

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WHITS NUTR NAME / ID STATION SAMPLE BOTTLE NUMBER Ł to UAFF 7 H P 0 BOTTOM STATION DESIGNATION $\nearrow \subset$ DEPTH nutrients T NCTR CTD to BSH-4 PG **MEATHER** 0 4 1 0 1 LAbE CFOND (sunt) SBEED SAL REMARKS Cleaned air bleed valve MIND DIKECTION 335 ں ≮ MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= 80 SEA STAT FRESSUR: 7 BULB WET 3 DSDB I.D. File Name/Header SALINITY S BULB DRY W DATA LOCATION HR MIN 1056 TIME GMT SECONDARY TEMP MF-01-06 PROJECT & LEG Tape/Diskette ID 00500 FLUOR S/N= CTD CONVERTED MONITOR VALUES DATE S DAY **PRIMARY TEMP** S LONGITUDE (*) S NOAA Ship MILLER FREEMAN 00 3 PAR S/N= START DOWN AT SURFACE 4 AT DEPTH ڡ DATA ON DEG و **PRESSURE** LATITUDE (A) 00 -29772 710 884 304 530 91660 5437 DEPTH SEC COND SN **SEC TEMP SN** PRI COND SN PRI TEMP SN 8 <u>و</u> η 0 \$ 2 PRESS SN 30 0 10 9 0 VESSEI SBE 9+ CAST # 'n **NOITISO9** 9 12 Ξ CONSECUTIVE œ თ

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AD WHITS NUTR NAME / ID STATION SAMPLE BOTTLE NUMBER OF 57 유 BOTTOM STATION DESIGNATION DEPTH त NUTR E PG SAL 17/3/40/92 REMARKS ✓ Cleaned air bleed vaive m/s deg MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= 윤 **PRESSUR** 0 BULB WET ပ္ (V) DSDB I.D. File Name/Header SALINITY d BULB PR Ŋ DATA LOCATION 1403 HR MIN TIME GMT SECONDARY TEMP MF-01- 06 PROJECT & LEG Tape/Diskette ID 7 FLUOR S/N= CTD CONVERTED MONITOR VALUES D-POSO DATE <u>Q</u> DAY PRIMARY TEMP NOAA Ship MILLER FREEMAN LONGITUDE 6 7 8 8 8 START DOWN APAR S/N= AT SURFACE AT DEPTH DATA ON DEG **PRESSURE** 4 91660 29772 710 884 LATITUDE 30 4 Z S DEG DEPTH SEC COND SN SEC TEMP SN PRI COND SN TRIP 1.20 PRI TEMP SN 0 30 0 2 0 PRESS SN VESSEL SBE 9+ CAST# **NOITISO9** 9 2 9 Ę ထ Φ CONSECUTIVE

<u>u</u> WHITS NCTR NAME / ID STATION 4 SAMPLE BOTTLE NUMBER w R 품 BOTTOM STATION DESIGNATION DEPTH PG_12 NETA STORY A M **MEATHER** WEATHER
TYPE
SPEED
MIND
MIND
WIND
WIND
WIND
WIND SAL REMARKS H414112451816 ✓ Cleaned air bleed valve MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= SEA STA? 7 PRESSUF 18 BULB WET DSDB I.D. File Name/Header SALINITY 2 BULB DRY 3 DATA LOCATION 1703 HR MIN TIME SECONDARY TEMP PROJECT & LEG MF-01- 06 Tape/Diskette ID 严 __ / FLUOR S/N= CTD CONVERTED MONITOR VALUES DATE Q E Ž 0 PA PRIMARY TEMP 1 2 NOAA Ship MILLER FREEMAN LONGITUDE 681281 START DOWN ✓PAR S/N= AT SURFACE AT DEPTH **DATA ON** DEG **PRESSURE** 9 91660 29772 LATITUDE 710 884 304 DEG DEPTH SEC TEMP SN SEC COND SN TRIP PRI COND SN PRI TEMP SN 0 S 0 2 3 ٥ 0 PRESS SN VESSEL SBE 9+ CAST# **NOITISO9** 9 4

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854 WHITS RUN NAME / ID STATION SAMPLE BOTTLE NUMBER 풍 P 73 BOTTOM STATION DESIGNATION DEPTH 1354 PG 3 NUTR **MEATHER** MEDITILLY
WIND
DIRECTION
WIND
VISIBILITY
WIND SAL REMARKS 8 350 1 5 44 Cleaned air bleed valve S/E deg MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= FATS A32 7 Ę **PRESSUR** = BULB WET ر ပူ DSDB I.D. File Name/Header SALINITY BULB PR≺ 80 183平 DATA LOCATION HR MIN TIME GMT SECONDARY TEMP PROJECT & LEG Tape/Diskette ID ¥ FLUOR S/N= MF-01-CTD CONVERTED MONITOR VALUES RIOSC DATE <u>Q</u> DAY PRIMARY TEMP NOAA Ship MILLER FREEMAN LONGITUDE 16852 ٠. START DOWN PAR S/N= AT SURFACE AT DEPTH **DATA ON** DEG **PRESSURE** ×. 91660 29772 **710** LATITUDE 884 304 Z S 0(135751 DEG DEPTH SEC COND SN SEC TEMP SN PRI COND SN TRIP PRI TEMP SN PRESS SN VESSEL SBE 9+ CAST# **NOITISO9** 9 12 ന Ξ CONSECUTIVE တ

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854 WHITS NUTR NAME / ID STATION SAMPLE BOTTLE NUMBER H BOTTOM STATION DESIGNATION DEPTH _ NUTR Deployment 1354 SEA STAT SEA STAT STATE OF SECTION SPEED SPEED SAME STAPE STAPE STAPE SECTION (SITT) 7 SAL 7 REMARKS Cleaned air bleed valve 4 M/S 345 g MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= 4-4 AUSS크Я역 [통 4 BULB WET a agsa 0 ١ File Name/Header SALINITY S BULB DRY 0 DATA LOCATION 303 HR MIN TIME GMT MF-01- 06 SECONDARY TEMP PROJECT & LEG 0 2 Tape/Diskette ID X, JFLUOR S/N= CTD CONVERTED MONITOR VALUES 0 DATE <u>Q</u> DAY 74 PRIMARY TEMP 4 0 NOAA Ship MILLER FREEMAN LONGITUDE ٥ 7 AT SURFACE

PAR SIN= START DOWN ŝ AT DEPTH ß **DATA ON** DEG و PRESSURE 3 91660 29772 **710** LATITUDE 884 304 530 Z 47 DEG 100 M DEPTH 3 Su. SEC TEMP SN SEC COND SN TRIP e C <u>..</u> PRI COND SN 2 PRI TEMP SN 0 C PRESS SN VESSE SBE 9+ CAST# **NOITISO9** 9 Ę 42 φ ω თ CONSECUTIVE

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for Dave Wisegaren WHITS NUTR NAME / ID STATION ŧ SAMPLE BOTTLE NUMBER ₹ S 붕 ð BOTTOM STATION DESIGNATION DEPTH N NUTR 5M-2 nutiont somple **MEATHER** SAL REMARKS -00 -0 TYPE CCOND (swt) SbEED VCleaned air bleed valve MIND DIRECTION 9 MAX. DEPTH (m) SAMPLE BOTTLE SALINITY MIND DATA CHLAM S/N= VISIBILITY ද්ර **SEA STATE** PRESSURE ~ Ŋ BULB WET 2 DSDB I.D. File Name/Header SALINITY 5 BULB DRY DATA LOCATION HR MIN TIME GMT 0 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID ~ VFLUOR S/N= MF-01-CTD CONVERTED MONITOR VALUES DATE 8 0 DAY ď PRIMARY TEMP NOAA Ship MILLER FREEMAN LONGITUDE 1/20 74 AT SURFACE START DOWN AT DEPTH DATA ON DEG **PRESSURE** 91660 29772 710 LATITUDE 884 304 530 DEG DEPTH SEC COND SN SEC TEMP SN PRI COND SN TRIP PRI TEMP SN 156 PRESS SN 0 | 5 | VECCE SBE 9+ CAST# 9 7 F **NOITISO9** S 9 ω တ

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		1		\Box	DSDB I.D.	STA	STATION DESIGNATION	NATION	
TIME DRY WET SOURTH BULB BULB BULB BULB BULB BULB BULB BUL	NOAA Ship MILLER FREEMAN M		Σ	MF-01- 0b			AND	4-	
NAW NAW					DRY	A STATE 1910 A STA	OUD (amt) PE AEHTA:	OTTOM	STATION
	LATITUDE LONGITUDE DA			G	BULB	MII MII MII AIS	WE TYI	DEPTH	NAME / ID
TEMP SALINITY SALINITY SAL NUTR CHL	5 2 2 3 1 5 9 1 7 2 6 8 4 8 1 9 0	MIN DAY MO	№ ○	표	2° 0 4	mb deg m	وب ده		Z
ACteaned air bleed valve MAX. DEPTH (m)	91660 TIMES	TIMES	-	ပ္	NOL		ARKS		-
TEMP SALINITY SALINITY SAL NUTR CHL	PRESS SN 29772 DATA ON Taped Taped START DOWN		Tape/I		e Name/Header				
TEMP SALINITY SALINITY SAL NUTR CHL	884	X				√Cleaned air bleed v	afve	,	
TEMP SALINITY SAL NUTR CHL SALINITY SALINITY CHL	304 AT SURFACE					MAX. DEPTH (m)			
SAMPLE BOTTLE DATA TEMP SALINITY SALINITY CHL	SEC COND SN 530 LAPAR S/N= AFLUOR S/N=		V FLUO	3 S/N=		Ch AM S/N=			
BOTILE DATA SALINITY SALINITY SALINITY SALINITY CHL	CTD CONVERTED MONITOR VALUES	CTD CONVERTED MONITOR VAL	IONITOR VAL	.UES		SAMPLE	SAMPLE	E BOILL	NOMBER
SALINITY SAL NUTR CHL				*		вотте		22	
SALINITY SAL NUTR CHL						DATA	,		
	TRIP DEPTH PRESSURE PRIMARY TEMP SECONDAI	SEC	SECONDA	RY TEMP	SALINITY	SALINITY		$\overline{}$	
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WHITS NCTA T NAME / ID STATION SAMPLE BOTTLE NUMBER OF M 된 卜 BOTTOM STATION DESIGNATION DEPTH 20 NUTR 10 00 AMP 39YT A3HTA3W ம SAL 340 REMARKS 9 8 0 CLOUD (smt)
SPEED
MIND
DIRECTION
WIND Cleaned air bleed valve E/S MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= VISIBILITY 4 SEA STATE Ę PRESSURE N BULB WET DSDB I.D. N File Name/Header SALINITY 4 BULB DRY 300 HR MIN TIME GMT 0 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID 0 2 0 **√FLUOR S/N=** MF-01-CTD CONVERTED MONITOR VALUES DATE S DAY 0 PRIMARY TEMP 4 1715497 NOAA Ship MILLER FREEMAN LONGITUDE TIMES AT SURFACE

V PAR S/N= START DOWN AT DEPTH DATA ON DEG PRESSURE 29772 91660 710 LATITUDE 884 304 530 Z 5 2 DEG DEPTH SEC COND SN SEC TEMP SN PRI COND SN TRIP PRI TEMP SN PRESS SN 7 VECCE SBE 9+ CAST # **NOITISO9** 9 Ξ 4 ဖ ထ 6 CONSECUTIVE

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			STATION	NAME / ID	2 A W				:		MBER			WHITS		/					,	,				80
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	SIGNATIO GENTALIO	2 2	BOTTOM	DEPTH	4		AMP-2				SAMPLE BOTTLE NUMBER	4		NUTR	į											
בן ול מילוי	SIATION DESIGNATION		(tms) QUC 3c A3HTA	从	Ø	RKS	•	A6			SAME			SAL												
OT A TO	<u> </u>		EED	NW IGP	e e	REMARKS		Cleaned air bleed valve								,			٠							
			IBILITY ID ECTION	1W	7 deg	340		ed air b	MAX. DEPTH (m)	=	MPLE	вотте	DATA	SALINITY							,					
			BYUSSE BTATS A	/∃S	4 de 4			Clean	AX. DE	ChLAM S/N=	δ.	8		δŞ						•						
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	USDB I.D.		· · · · · · · · · · · · · · · · · · ·		17	-	ader			Z				SALINITY				98	٠		8		E)			
	-	-	DRY	BULB		Z .	rie Name/Header							SALI							ŀ					
		s.	TIME	-	HR Min	DATA LOCATION	<u> </u>					-		- С									,			
	S LEG	90	<u> </u>		YR O	DATAL				2	S			ONDARY TEMP			iii									
	PROJECT & LEG	MF-01-		DATE	0 Q		l ape/Urskette ID			FLUOR S/N=	OR VALUI			ONDA						Ť						
	<u> </u>	-			DAY	-	<u></u>			<u> </u>	MONITO			SEC						,	-					
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		EEMA		LONGITUDE	- 20 W	TIMES	 }		2	#	CTD CONVERTED MONITOR VALUES		55	PRIMARY TEMP						•	•					
		ER FR		Ď	DEG		DATA ON START DOWN	АТ ОЕРТН	AT SURFACE	✓ PAR S/N=	_		:		3								,			
		MILLI MILLI		,	8	-		<u> </u>	<u>₹</u> [2			5	PRESSURE									sik		9	
		NOAA Ship MILLER FREEMAN		LATITUDE	N Z	91660	29772	88	304	530				PRE		į		-				-9				
		NOA			DEG 52 2	7	_ %	NS	NS.	SN				TRIP DEPTH				2		-						
	VESSEL		# L9	CAS	0 1 0	SES	PRESS SN DDI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN		N		POSIT	1	2.	9	4	5	9	1 1	. α	6	9	=	12
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WHITS NUTR NAME / ID STATION \$ \$ SAMPLE BOTTLE NUMBER OF 31 품 AMP-1 Tar Carol 393 BOTTOM STATION DESIGNATION DEPTH none NUTR AMP-**MEATHER** 3,77 be MEPTHEB
LABE
CFOND (suit)
WIND
DIRECTION
WIND SAL REMARKS 131786 VCleaned air bleed valve M/S MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA 820470 ChLAM S/N= YTIJIBIZIV SEA STATE E PRESSURE BULB WET ပ္ DSDB I.D. File Name/Header SALINITY BULB DRY DATA LOCATION 6 2 HR MIN TIME GMT 0 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID 0 ۲R JFLUOR S/N= MF-01-CTD CONVERTED MONITOR VALUES 000 DATE <u>Q</u> DAY Q PRIMARY TEMP 6 4 NOAA Ship MILLER FREEMAN LONGITUDE AT SURFACE START DOWN ત AT DEPTH DATA ON DEG PRESSURE 91660 29772 710 884 LATITUDE 304 Z DEG DEPTH SEC TEMP SN SEC COND SN PRI COND SN PRI TEMP SN PRESS SN VECCEL SBE 8+ # TSAD 9 **NOITISO9** 4 7 ശ 9 O. CONSECUTIVE

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TIME DRY WET SOUTH BULB BULB BULB BULB BULB BULB BULB BUL	VECCEL					်စ္သ	dsa	DSDB I.D.		STATIO	N DESIG	STATION DESIGNATION	5	
Time DRY WET	,	NOAA Ship MIL	LERFI	REEMAN	MF-01-	9	-		•		-50			
ATTITUDE	# TSA					TIME	DRY	WET	STATS AS YTIJIBISI QNIV	BEED NIND	H-F	BOTTOM	··· ····	ATION
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WHITS 4 NAME / ID STATION SAMPLE BOTTLE NUMBER 되 P 1/2/2 BOTTOM STATION DESIGNATION DEPTH NUTR PG 15 phone **MEATHER** 2727210862 SAL TYPE REMARKS Cleaned air bleed valve CLOUD (amt) E/S g MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA CHLAM S/N= VISIBILITY SEA STATE <u>_</u> Ę PRESSURE 00 BULB WET DSDB I.D. W File Name/Header SALINITY ٥ BULB DRY DATA LOCATION HR MIN TIME GMT SECONDARY TEMP PROJECT & LEG MF-01- 6 Tape/Diskette ID 0 5 0 1 Ϋ́R FLUOR S/N= CTD CONVERTED MONITOR VALUES DATE S DAY 4 PRIMARY TEMP % % NOAA Ship MILLER FREEMAN LONGITUDE y START DOWN PAR S/N= AT SURFACE 4 AT DEPTH ئ و۔ ا DATA ON DEG **PRESSURE** Z 5 91660 29772 710 884 LATITUDE 304 Z Z 4 4 DEG 53 DEPTH SEC COND SN SEC TEMP SN PRI COND SN TRIP PRI TEMP SN PRESS SN 0 25 SBE 9+ CAST# 5 2 **NOITISO9** 7 4 S 9 ø g CONSECUTIVE

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WHITS a NUTR NAME / ID STATION SAMPLE BOTTLE NUMBER 2 유 @ 1036m Ŝ BOTTOM STATION DESIGNATION DEPTH <u>ه</u> NOTR sotton chonged, L+ botton 9 H59 / **ЯЗНТАЭW** VISIBILITY
VISIBILITY
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TYPE SAL 9 8 0 1 25 2 Cleaned air bleed valve 4 deg MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= 7 SEA STATE 1 5 Ę **BRUSSBA9** BULB WET 7 DSDB I.D. File Name/Header SALINITY <u>>-</u> BULB DRY W DATA LOCATION 0 1 1 5 36 HR MIN TIME GMT 0 SECONDARY TEMP PROJECT & LEG Tape/Diskette ID MF-01-FLUOR S/N= CTD CONVERTED MONITOR VALUES 0 DATE DAY 4 PRIMARY TEMP 0 5 99 NOAA Ship MILLER FREEMAN LONGITUDE PAR S/N= START DOWN AT SURFACE 4 AT DEPTH ده و **DATA ON** DEG **PRESSURE** Z 7 2 29772 91660 LATITUDE 710 884 304 Z 2 DEG DEPTH SEC COND SN SEC TEMP SN PRI COND SN TRIP PRI TEMP SN S PRESS SN 070 **SBE 9+** CAST# **POSITION** 9 4 Ŧ СОИЗЕСПТІЛЕ S φ ထ 6

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WHITS NAME / ID STATION SAMPLE BOTTLE NUMBER 띥 BOTTOM STATION DESIGNATION DEPTH S NETA STATE TO. 5 ~ **ABHTA3W** Ŋ Pin Jev an LABE CFOND (swt) SBEED MIND SAL 7 1 4 3 7 2 55 1 0 8 6 Cleaned air bleed valve DIKECTION WIND deg MAX. DEPTH (m) SAMPLE BOTTLE SALINITY DATA ChLAM S/N= VISIBILITY SEA STATE PRESSURE BULB WET w OSDB I.D. File Name/Header SALINITY Š BULB DRY W 2011 11 7 28 HR MIN TIME GMT SECONDARY TEMP **\$** PROJECT & LEG Tape/Diskette ID YR FLUOR S/N= MF-01-CTD CONVERTED MONITOR VALUES DATE S DAY 3 PRIMARY TEMP 7 NOAA Ship MILLER FREEMAN LONGITUDE 5 3 START DOWN PAR S/N= AT SURFACE AT DEPTH DATA ON DEG و **PRESSURE** 29772 91660 LATITUDE 304 304 530 533 DEG DEPTH SEC TEMP SN SEC COND SN PRI COND SN TRIP PRI TEMP SN PRESS SN 077 VECOSI SBE 9+ CAST# NOITISO9 9 12 CONSECUTIVE F S ဖ G

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7 2 7 NAME / ID BOTTOM STATION WHITS NUTR SAMPLE BOTTLE NUMBER * DEPTH 0 STATION DESIGNATION ņ ストイン NOTR WEATHER
SPEED (smt) 04012 86 SAL Cleaned air bleed valve MIND deg DIRECTION MAX. DEPTH (m) SAMPLE BOTTLE SALINITY SEA STATE VISIBILITY WIND DATA ChLAM S/N= 1 2 2 7 PRESSURE 2 BULB WET DSDB I.D. File Name/Header SALINITY BULB DRY DATA LOCATION 0|| ||4|| || HR MIN TIME GMT SECONDARY TEMP PROJECT & LEG Tape/Diskette ID MF-01-06 X FLUOR S/N= CTD CONVERTED MONITOR VALUES 0 0 DATE ş DAY 7 7 PRIMARY TEMP 3 12 4 W 11 6 5 5 5 4 1 13 NOAA Ship MILLER FREEMAN LONGITUDE AT SURFACE PAR S/N= START DOWN AT DEPTH DATA ON **PRESSURE** 91660 29772 710 884 304 530 LATITUDE و Ñ DEG 15/2 DEPTH SEC COND SN TRIP SEC TEMP SN PRI COND SN PRI TEMP SN PRESS SN 031 VESSEL CAST # 9 42 Ξ POSITION က Ŋ 9 ထ 6 CONSECUTIVE

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