AFTER 12T CAST, PAR FAILED (MAXES OUT)-REMOVED PAR AFTER SIXTH CAST

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PG 1 OF 38	STATION DESIGNATION	STAI	· ·	ВОТТОМ	Œ	4 3	S	3-15	1 4	1 2		1	SAMPLE BOTTLE NUMBER	Ni Misian			, 1,									
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	NOAAS		SONSC	CAST #		0	<u>J</u>	TYPE & SN	PRESS	TEMP SN	COND	TEMP	Š Š		-	7	က	4	2	9	7	80	<b>О</b>	2	=	12

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PG 2 OF 38

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PG # OF 38

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PG 6 OF 38	STATION DESIGNATION	DSDR STA 5 HAUL 1	(tms)	THE	WIND WIND OUT OF STA.	(ded) (m/s) * * (m)	5600328873	ION REMARKS 703	File Name/Header				+0 +0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL NUTRIENT OTHER	31,6165 32 673	757	675	636	F19 825	829 638	1,2000				
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120017	VESSEL NOAAS MILLER ERFEMAN			CAST	# LATITUDE	DEG	0065700.91N1641	сто	TYPE & SN 92067	PRESS SN 410K-023	TEMP SN 889	COND SN -536 ₩80	TEMP SN 701/COND 302	POS. TRIP DEPTH		1 +5, 84	2 50 5	9	4 36 5	5 20 30	9 15	0	8	6	10	

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PG 7 OF 38	STATION DESIGNATION	DSD'S STA G HALL S	YTI YTI (smt) (		(	5331	REMARKS	File Name/Header	L,	The state of the s	MAX. DEPTH = 1 m	19	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL NUTRIENT OTHER	000	-	(%)	-5	H89	686	2000	17 89	889	600	
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		T FHEETWAN		LATITUDE		5652.80N16	TIMES					COND 303		PRESSUR	66,026	50.100	40, 838	30, 47i	19.866	10,489	10.945	F06.001	G.817	J.241	66
	VESSEL NOAAS MILLE	NOAAS MILLER FREEMAN	CONSC	CAST #	DEC	007 56	СТО	TYPE & SN 92067	PRESS SN 410K-023	TEMP SN 889	COND SN 538 480	TEMP SN 701	POS. TRIP DEPTH		1 + ·	2 20	3 HO	4 30	5	9 11	7 ///	8	6	10	-;

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<u> </u>	VESSEL				<u>R</u>	PROJECT & LEG	C				STA	STATION DESIGNATION	GNATION	,	
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5		LATITUDE	LONG	LONGITUDE	DATE JI	JD=053	(GMT)	AHA BULB		VISIE SEV	WIND WIND	APE (10)	BOTTOM		STA.
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8	COND SN -530 H&O	084 0	AT SURFACE	 		i						MAX DEPTH	EPTH =	ì	8
Ţ	MP SN 701	TEMP SN 701/COND 363	PAR	2	7 Ruor	ChlAM		TAPS6	TAPS4	4	٠			<b>9</b>	
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ις	20	20,687	ũ	6.9123		0.9233		32,2085	25				3	969	
9	791	12,126	9	0.910H		0,9116		32,4379	79			,	9	469	
7	11/7	12,666	26	0,9128		0.9145		32,4262	29				9	698	
ω	/ 11	12.62	7	1026,0		4.9216		32,4495	15				660	19	
6	r	3.4.8	B	0,3086		0.9696		32,9834	34				640	300	
위		7,881	18	6/16,0		0.9123		32.7580	\$0				100	-	
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PG 9 OF 3%

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	VESSEL NOAAS	VESSEL NOAAS MILLER ERFEMAN	-BEFMAN			<u> </u>	PROJECT & LEG	g.				STATIO	STATION DESIGNATION	ATION		
						Σ	10-76-		_	-	-	संबद्ध	<b>S14</b>	S HAWI	11-1	
											3.		(tmi	-	F <sub>10</sub>	
	CAST	Q L						ļ		BEINS:	TATS YTUR		s) au Aahn	,		
	\$ #		LATITUDE	TONG	LONGITUDE	DATE J	\$30=d€	GMT)	PR√ BULB	MET BUB BUB BUB BUB BUB BUB BUB BUB BUB BU	A38	ON CO	VEAT	BOTTOM	STA.	
		DEG	MIN	DEG	NE NE		¥ Qv	¥ £	ွ	1			۸.	[ (w)	NAME/ID	
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		сто		TINES	√ar	JD/TIME			Ď	DATA LOCATION	NO.		REMARKS	-		<del></del>
	TYPE	TYPE & SN 92	92067	DATA ON	i			Tape/Diskette ID	cette ID	File N	File Name/Header		Ore STU	pressure reading low	So low	
	PRES	PRESS SN 410K-023		START DOWN	N					10		<u>.</u>	A. L.	Charles de	A-La vin half suck	<del>_</del> -<
	TEMP	TEMP SN 889		АТ ОЕРТН								_l	2 PD	CTO Kit & Stom	Fish trag	1 1
	COND	COND SN 636 H&D		AT SURFACE	<b>—</b> щ							<u> </u>	MAX DEPTH =	ŀ	w down	<u>u</u>
	TEMP	TEMP SN 701	COND 303	PAR	>	FLUOR	V CHIAM		TAPS6	TAPS4			SEC. SA	0	BEN'16	1 2
	S S	TRIP			CTD	NVERTEC	CTD CONVERTED MONITOR VALUES	/ALUES			SAMPLE BOTTLE	BOTTLE	SAMP	SAMPLE BOTTLE NUMBER	NUMBER	-
		<u> </u>			,						DATA	⋖	<del></del>			
			PRESSURE	썙	PRI. TEMP	MP.	SEC. TEMP	EMP	SAL	SALINITY	SALINITY	\	SAL.	NUTRIENT	OTHER	
	-	+5 /	72,812		1.2948	٠	1.29.55	5	32, 2729	29	32,0045	t 5	26	Tot		_
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	က	10 %	296.07		1,2828		1.2833	3	31.9817	T.				407		_
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PG 16 OF 38

	(amt) (ATA (ATA (ATA (ATA (ATA (ATA (ATA (AT	WIND OUT WIND STA.	M .	84	REMARKS	- 1	Der to to the Down		MAX. DEPTH = Q , m		LE SAMPLE BOTTLE NUMBER	SAL NUTRIENT OTHER	212 27	713	0.00	715	カた	êlt.	812	00+	72	172	727	できる
S	TII	VISIBIL VISIB VISIB VISIB VISIBIL VISIB	(deg)	44356	N.	File Name/Header	0,00				SAMPLE BOTTLE DATA	SALINITY	32,0638		\$									
	341	DRY WET ESS	(°C)	-10.8-12296	DATEROCATION					TAPS6 TAPS4		SALINITY	32,041C	32,0428	32,0379	32.6351	32,0478	32.0309	32,6359	32,0370	32,0348	32,6347	32.6334	32.0379
PROJECT & LEG		TIME CEGOTO		F E B 9 7 1 8 2 7		Tape/Diskette ID					CTD CONVERTED MONITOR VALUES	SEC. TEMP	1.2706	1.1636	1.3181	1.3267	1.2188	1.3129	1.326H	1.3998	1.4129	1.5584	1.5716	5983
<u>a</u> x		LONGITUDE DATE.	AIN DAY	.98W21	JD/TIME		NWO		ACE.		CTD CONVERTE	PRI. TEMP.	1.६३३५	1.6181	1.6153	1.6207	1.5988	1.6010	1,6011	1.613.2	1.cost	1.5912	1465.1	5007
REEMAN		LATITUDE	SHO	3.35N 16522	TIMES	067 DATA ON	IK-023 START DOWN	AT DEPTH	H 80 AT SURFACE	PAR SOS BAR		PRESSURE	79.100	50,376	39.897	29.878	22,400	12.4.86	13,343	13,446	7.539	9.042	8.60	3,034
VESSEL NOAAS MILLER FREEMAN	CONSC	CAST # LAT	990	010000	сто	TYPE & SN 92067	PRESS SN 410K-023	TEMP SN 889	COND SN 596 H80	TEMP SN 701/00NB 303	POS. TRIP DEPTH		+2>	2 50 /	3 HO	4 30/	5 20/	9	7 11	8	6	10 7	11 5	15 0

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Q10°+

Ε PH-6 NAME/ID SAMPLE BOTTLE NUMBER STA. PG 12, OF 23 13 STA 11 HAUL SAL. NUTRIENT OME J36 739 THY J43 139 THA 5 THE BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = W WINCLOUD (amt)
WEATHER REMARKS (6 733333387 \* (s/m) SAMPLE BOTTLE PFHF EC SALINITY WIND DIRN. (ded) File Name/Header VISIBILITY CIDOLES -10.3914 **SEA STATE** DATA LOCATION (dm) TAPS4 WET BULB 33.34.38 33.7378 P66816 ပ္ 31.9338 31.9333 32,6989 HEEP.15 SALINITY 31.9379 31.9328 PR BUB Tape/Diskette ID TAPS6 ပ္ပ F E B 9 7 0 2 3 0 - 11 <u>¥</u> (GMT) CTD CONVERTED MONITOR VALUES 4.5723 SEC. TEMP 3.5559 3.5318 4.5899 FCF7-6 2.5552 3.8418 2.5658 2.5624 PROJECT & LEG ChlAM Œ DATE JD=052 MF97-01 ğ DA≺ FLOOR / JD/TIME 3.5560 S.5332 40FS-6 PRI. TEMP. 38396 25623 HETTE H.5893 H35.6 2.5651 0 LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH <u>R</u> 35546.09NIGTI DATA ON TIMES 8 48H. H 15.86J 39.956 10.138 99.388 20.239 PRESSURE 30.531 51,135 40.713 TEMP SN 701/COND 303 NOAAS MILLER FREEMAN LATITUDE COND SN 556 480 PRESS SN 410K-023 Z ∑ TYPE & SN 92067 TEMP SN 889 TRIP DEPTH 8 00) R. 75 CH 9 9 9 5 13 0 SNSC VESSEL CAST ģ 0 12 <del>-</del> Q ო ω S ဖ o,

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CONSC						0 440		<b>340</b>	TI-ATE YTI-	(tms) C	(tms) C	-	
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		Ż				Œ.		1	NA!A	<del></del>			-
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2 100		0	MARK	The Annual Property of the Pro	1.5.	BATT	187 TA	TAIPPED				りかを	
3 75	15.392	2	अ.७।।		3.6143	5	33.3015	315				242	
4 50	51.105	5	1000°E	7	2.6008	80	31.97	80				3/16	
5 40	41.036	36	E019-6	r <sub>Q</sub>	3.60171	7 -	31.9398	98				672	
ور در	30.39\$	8	3.6080	Ç	3.6086	36	31.9388	188				750	
7 30	30.581	77	B.6083	6	2,6091	31-	31.9789	98				751	
8	9.620	d	3.5976	9	5.5987	E /	49F615	Hot				252	
O 6	3.901	1	2.592	7	2.5936	26	91.9	2996			-	753	
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VESSEL		3					PG III	OF 38
NOAAS MILLER FREEMAN	FREEMAN		_ <	MEST 01		STAT	STATION DESIGNATION	
						DS.B.B.	STA 13	HAMP. 1
SONO					3	ТЕ 		
CAST				i	No.		JEH.	
	LATITUDE	LONGITUDE	UDE DATE	JD=053	GMT) BULB BULB F	WIND WIND	LOU: YPE TA3V	
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E		TIMES	1		DATALOC	=	T C 1 2 F 0	
TYPE & SN 92067		DATA ON		Tabe	Tabe/Diskette ID File N	/Hosder	Ş.	
PRESS SN 410K-023	0K-023	START DOWN					0 15 m 2 10	10 m Sac
TEMP SN 889		АТ DEРТН			5	CADOIH		
COND SN 580 H&O		AT SURFACE	a <sup>r</sup>		YN:		151 9/0	
TEMB CN 704 /2 - 1-1-	_		Γ				MAX. DEPTH =	128 m
יכושון פוע לפון	1000 SONO	¥	N Fillog	V ChIAM	TAPS6 TAPS4			
- DEPTH			CTD CONVERTE	CTD CONVERTED MONITOR VALUES	ES	SAMPLE BOTTLE	SAMPLE BOTTLE NUMBER	LE NUMBER
				*		<u> </u>		
	PRESSURE		PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL NUTRIENT	NT CHEB
- U	129.710	0	4.5227	4.5229	52,8522	33.8635	-	
2 100	100,365	65	4.5789	4.5792	32,7688		$\pm$	
8 L	75,622	22	4.6139	4.6188	32, 7026		256	
4 C	50,650	50	3.5840	3,5854	32.3213		357	
5 HO	40.602	29	2,7199	2.7196	32,0629		250	
6 30	31.146	2	7,680H	2.6392	32,6532		05-2	
7 30	20.015	5	2,6588	2,6589	32,0489		92	
8	11.163	63	2.6513	2.6513	32,0494		172	
6	2.805	Se	2,6542	2.4545	32, 6499		175	
10								
11			**					
12								

	PG C	39 39 1 1 A3HTA	CI Y W DEPTH NAME/	3MARKS	Oassed through	themselve at 10m/min		MAX. UEPIH =	SAMPLE BOTTLE NUMBER		SAL. NUTRIENT OFFER	+-	592.	97£ .		7 672	+	ļ_,	. 742 . 6	-	
	STATIC	YTIJIBIS WIND	S DIRN.  4 € (deg)		File Name/Header	210			SAMPLE BOTTLE DATA		VIINIAS OPEY CE									30	
			(0°) (0°)	DATALOC	Tape/Diskette ID File N₃	CIDOIS		TAPS6 TAPS4	<u>]</u>	SAI INITIA	35,9775	32,9378	32,8655	31,7826	32, 457+	7	- 4		32,2815		r d
177.04	PROJECT & LEG MF97-01		MO YR 1		Tape/Dis	5 33 70		VChAM	CTD CONVERTED MONITOR VALUES	SEC TEMP	4.3769	4.3516	4,4939	4.39.26	3.27.30	2.8891	2.8034	24431	2,3682		
		LONGITUDE	MIN DAY W 2. W 2. W 2. W 2. W 2. W 2. W 2. W 2	JD/TIME	NO	START DOWN	TH SEACE	PAR VIEWOR	CTD CONVERT	PRI. TEMP	4.3762	4.350%	4.4933	4.39%	3,4145	2,8880	2.8021	2.3714	4576'2		
	FREEMAN	LATITUDE	N C	TIMES						PPESSURE	995.561	१५९.१५५	166.962	75.515	41,387	31.352	57.72	151171	3.461		
	VESSEL NOAAS MILLER FREEMAN	CAST L	0EG 0 1555 2	<u>a</u>	TYPE & SN 92067	PRESS SN 410K-023	COND SN -630 W&O	TEMP SN 701/ CONTS 303	POS. DEPTH		1 300	2 150	7	5 TN	-	7 30/	8	6	10	-	12

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\$ 10° 4	STATION DESIGNATION	WIND (8/mt)	S DIRN. SPD. C F W DEPTH N. (deg) (m/s)** (m)	2 + 6 2 / 2	REMARKS	9/Header	A	MAX DEPTH -		SAMPLE BOTTLE SAMPLE BOTTLE NUMBER	TWO TO THE TOTAL PROPERTY OF THE TOTAL PROPE	SALINITY SAL NUTRIENT OTHER	773	564	348	226	4	2 1	7 100		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ĺ	
		3	BULB BULB IE	35-9.6-9.7884	DATA LOCATION	Tape/Diskette ID File Name/Header	CTDOIN		TAPS6 TAPS4	ES		SALINITY	33,8206	33,1205	32,9817	32, 8260	24,5864	32, 546,0	32.5267	32.5042	32.4975	35. U927	
	PROJECT & LEG MF97-01	ez lides	WE HAN ON	E B 9 7 1 1	; III gr;	Таре	i ii		ChlAM	CTD CONVERTED MONITOR VALUES		SEC. TEMP	3,2493	H. 6595	4,1243	4.1632	3.4851	3.23/4	3,2053	3,1437	3,455	3.1128	U.
	A N		DAY.	10.48W22F	-	ZWO	ı	ACE		CTD CONVERTED		PRI. TEMP.	3,3492	4.0599	4.1237	4.26.20	3,48,00	3.2490	3.2035	3.1462	3.456	3, 1112	
	REEMAN	HTA HGI	8	2.2 7 N / 68		06/ DAIA ON DAIA ON STABT DOWN		+80 AT SURFACE	COND 303 PAR	: : : : : : : : : : : : : : : : : : :		HESSON.	440,624	300,246	200,3%	166.99	43,444	39.367	29.78L	20,963	10,738	8, 273	
į. W	VESSEL. NOAAS MILLER FREEMAN	CONSC CAST	99 1 1	CTD	TVDE 8 CM 0000	PRESS SN 410K-023	TEMP SN 889	COND SN -636-	S	POS. DEPTH	•	1	204	+	1001	+	+	+	$\vdash$	_		0	2
	5 ž			0	<u>_</u> F	- <u>a.</u>		ŏ	<u> </u>	፳				~	<sub>ω</sub>	4 n	n (4		8	6	9	=	12

1	PG / + OSIGNATION	(ims) QU	r <u>A∃W</u>	721459	MARKS				MAX. DEPTH = m		SAMPLE BOTTLE NUMBER	F3	SAL. NUTRIENT OTHER	1 784	382	00 00 17 471	000	199	933	2 766	-	4 956	937 5	
#10°+	STATION	a 1	VISIE WIND WIND	7 4 4 2 9 4 0 3 9	- 45	File Name/Header	F100		<b>&gt;</b>		SAMPLE BOTTLE DATA	31	SALINITY	34.3134				S					63	
		F9424 :	BUB (SC)	9.6-	A	7 ( ) ( 7 ) (	CTDOIT			TAPS6 TAPS4	h-c)		SALINITY	34.2996	20 1100	33,1518	31.8582	326785	31.4808	32. 43 CL	32.4005	32 . 3990.	32. 3980	Of a
	PROJECT & LEG MF97-01	P	JD= (GMT)	B 9 7 1 S	5	Tape/Diskette ID				ChiAM	CTD CONVERTED MONITOR VALUES	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SEC. IEMP	2.8656	3.6734 U 6.3 L.A.	4,1202	4.2690	3,9885	3,3030	3,1752	3,1028	3.0976	3,0867	
	PA MF		LONGITUDE DATE J	1 9 W 2 2 F	JD/TIME		NW N		· [	FLUOR	CTD CONVERTED	97111	TAK: ICIMIF.	7. 06.36	0:070	4.2189	H.2C96	3.9908	3,3013	3.1751	3,1066	3.0923	3.0859	
	EEMAN		LATITUDE LONG	5 1 N	TIMES	57 DATA ON			480 ATSURFACE	NWD 303 PAR		30 N3300	1001		300 (30	199.735	100,246	75,412	49,493	30,436	21,578	10,925	3.3 23	
	VESSEL NOAAS MILLER FREEMAN	CONSC	DEG.	0175520	CTO	TYPE & SN 92067	PRESS SN 410K-023	TEMP SN 889	COND SN 4590 I	۵. ا	POS. DEPTH		1500	+			20/ 29						0	121

£10°+	AIZ	WIND OUD AND AND AND AND AND AND AND AND AND AN	M , L	REMARKS	-		The state of the s	MAX. DEPTH = m		SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL NI MBIENT CHIEF	13											
	9	DRY WE THE SHIPE	7 (°C) (°C) (mb).	DATA LOCATION	Tape/Diskette ID File Name/Header	CITIDIA			TAPS6 TAPS4		EMP SALINITY				7.	24,					578	3	
	PROJECT & LEG MF97-01	LONGITUDE DATE JD=	3w 2 2 F E B 9 7	ES JD/TIME	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	PAR RUOR CHIAM	CTD CONVERTED MONITOR VALUES	PRI. TEMP. SEC. TEMP	2,2930 2,293											
in a	VESSEL NOAAS MILLER FREEMAN	CONSC CAST # LATITUDE	0 DEG MIN OF S 5 5 5 7 9 6 6 N 1 0	CTD TIMES		0K-023		COND SN 636 480 ATS	S	DEPTH	PRESSURE	1 (301,045	2 /	6	4	5	9	7	8	6	10		12

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	LATITUDE	LONGITUDE		DATE JD=	e)	E FINE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	WET RES	EA S	WIND	LOU PE TA3	ВОТТОМ	STA.
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တ္ျ	COND 303	PAR		RUOR	ChlAM		TAPS6	TAPS4					
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NOAAS MILLER FREEMAN	FREEMAN			ME97-01	<u>უ</u>				STATION	STATION DESIGNATION	
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_	ATITUDE	LONGITUDE	JDE DATE	E JD=054	JAME FME	ORY	WET PES	S A3 BISI S WIND	WIND	EATI BOTTOM	
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NOAAS MILLER FREEMAN CONSC	S.		PROJECT & LEG		i		
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ें निर्देश	75,296	3,5599	3.5645	32.9165			610
7 50	So. 744	3.5396	3,5400	32,913(			0.11.0
8 30 NO	O SAMPL	3-18					7 11 1
9 PANGER.							
10 30	20,696	3,4683	3.4682	32.9051			
11 (0)	10.627	3.4849	3,4848	32,9076	City		345
12 0	1.797	3.4864	3,4688	32.9077			440
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Ε STA. NAME/ID SAMPLE BOTTLE NUMBER HALLL PG ASOF 38 MAX. DEPTH = \503 NOTHIENT WIND (amt)
TYPE
TYPE
WEATHER
DOTTOM STATION DESIGNATION STA al 081 1241 REMARKS SAL 38 ナ (m/s) SAMPLE BOTTLE SALINITY DATA WIND DIRN 34.4431 (deb) 00 File Name/Header SEA STATE YISIBILITY 90 DATA LOCATION (mb) **BHUSSBA** TAPS4 WET BULB ပ္ပ SALINITY 0837100 Tape/Diskette ID ORY BULB **TAPS6** ပ္ ¥ £ MARI GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 254012.361116933.34W32 FEB97 Œ DATE JD=054 NO MF97-01 ð SIL DA≺ HOME JD/TIME PRI. TEMP. RIPPED LONGITUDE START DOWN AT SURFACE AT DEPTH PA FA DATA ON TIMES 8 PERSONAL PRINCIPLE BOTTLE. TEMP SN 701/CONT 303 NOAAS MILLER FREEMAN LATITUDE COND SN 586- 480 PRESS SN 410K-023 Z TYPE & SN 92067 TEMP SN 889 TRIP DEPTH 8 9 CAST VESSEL 8 0 12 Q ო ß ဖ α တ

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PG 33 OF 38

VESSEL				HA.	PROJECT & LEG	<u></u>					STATIC	STATION DESIGNATION	SNATION		
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CONSC						,	24		3TAT	, LII		(tms) O	(39		
CAST # LA	LATITUDE	LONGITUDE	JDE	DATE J	_ 	TIME (GMT)	DRY BULB	WET	SEV 2.		WIND	πΑЭΛ	BOTTOM	STA.	
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TEMP SN 889		AT DEPTH				1/4	4				<del>'</del>		77		:
COND SN -686- 480		AT SURFACE						∤ 			<u>.                                    </u>	MAX. DEPTH =		1450 m	1
P SN 701	TEMP SN 701/COND 303	PAR	L	RUOR	CHIAM		TAPS6	TAPS4	8		<u>-</u>	ang 3	1 to a such		
POS. TRIP DEPTH			CTD CONVERTI	NVERTEC	ED MONITOR VALUES	VALUES		3 * * 3		SAMPLE BOTTLE DATA	ВОТПЕ ГА	SAMI	SAMPLE BOTTLE NUMBER	NUMBER	
	PRESSURE	<u>u</u>	PRI. TEMP	MP.	SEC	SEC. TEMP	S.	SALIVE	<u> </u> 	SALINITY	LI	SAL	NOTRIENT		_
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		VISIBILITY	. *	5		/Head	HE				SAMPL	SA	34.46						-					
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ECT&L	-01		۶	B 9 7						ChA	ONITOR	SEC	2,35											
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,	REMAN	TUDE	N	7		29	(-023			701/30		&	ILL											
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ESSEL	OAASM	ONSC CAST #	٥	2 4 5	CTC	YPE & S	RESS S	EMP SN	OND SA	EMP/CC			_	QI	က	44		ဟ		<u></u>	6	0		12
	PROJECT & LEG	MILLER FREEMAN MF97-01	MILLER FREEMAN  MEST-01  TIME  DRY  WET  STATION DESIGNATION  DESIGNATION  TIME  DRY  WET  STATION DESIGNATION  DESIGNATIO	PROJECT & LEG	STATION DESIGNATION   STATION DAY   NO   S   S   S   S   S   S   S   S   S	MILLER FREEMAN   MF97-01   NILLER FREEMAN   MF97-01   NF97-01   MILER FREEMAN   MF97-01   MILER FREEMAN   MF97-01   STATION DESIGNATION   STATION DESIGNATION  MILES FREEMAN   ME97-01   STATION DESIGNATION DESIGNATION   STATION DESIGNATION DESIGN	MINITERIEMAN   MINI	MESSMEN   MESS	MINO   STATION DESIGNATION   MEST-01   MEST-	STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION DESIGNATION   STATION DESIGNATION DESIGNATION   STATION DESIGNATION DESIGNAT	Second State   Seco	Table   Procect & Leg   Proc	Miles Freeway   Miles Freewa	The parameter	Table   Station Designation   Marshell   M	STATION DESIGNATION   MF97-01   MF	STATION DESIGNATION   MIND OF TABLE   MIND O	STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DESIGNATION   STATION DATE   STATION DA						

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PG 35 OF 38	STATION DESIGNATION			MEATH MANEATH	(E)	00 7U	MARKS	1000	Tala la	NOI COMPRESE	<u> </u>	010	SAMPLE BOTTLE NUMBER	1140	SAL. NUTRIENT OTHER		+	020	951	983	953	178	> ·	740	957 "	7 - 856
	STA	020		VISIBIL VISIBIL VISIBIL SEA S	) (ded) * *	_	NO	File Name/Header	1000	q			SAMPLE BOTTLE DATA		SALINITY	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1								,	180	
		-	∃ <b>u</b> n	DRY WET 89	(၃)	5.0 4.79	DATA LOCATION	, _	FFC			TAPS6 TAPS4			SALIMITY	33,5702	33,0578	92.9809	32,8800	32,7235	32. 4423	32, 4192	32.3985	32. 3684	31,3526	32,3525
	HOJECT & LEG 1597-01		· · · · · · · · · · · · · · · · · · ·	TIME (GMT)	YR HR MIN	97258		Tape/Diskette ID				Chiam	TOR VALUES		SEC. IEMP	8338	1.1451	1281		6050		1757H		3.7017	3.6890	3,6902
	ME97-01	0-/8-IMI		DATE JD=054	DAY MO	38W23FEB	JD/TIME					R.UOR	CTD CONVERTED MONITOR VALUES	6	LINIT.	8329 3	H. 1443 4	h + t + t - t - t - t - t - t - t - t - t	8221	H.oSiS 4	7252	2 2 2 5 2 ° 2	3,7202 3	3.6991	6883	2687
all				LONGITUDE	DEG	1891	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR	OLD C		,	510 3.	(30 H.	354 H,	4 580 00		49.642 3.	39.965	32.676 3	20,824 3		3.579
<u>1</u>	NOAAS MILLER FREEMAN		38	LATITUDE	N.W.	N 10 C C C		92067	410K-023	688		TEMP/COND SN 701/303	o H			300	100,	150.	1	45.64H			36.	20	2	6
VESCE	NOAAS MILL		CONSC	CAST #	DEG -	02552 532	e S	TYPE & SN 92067	PRESS SN 410K-023	TEMP SN 889	COND SN 480	TEMP/CON	POS. TRIP DEPTH	-	-	2 300	3 200	4 150	5 100	0 17	7 50	0 1 8	<b>6</b>	10 %	11.	12 N

Ľ	VECCEI							-			۲ آ	TO SISTER	25
> Ž	OAAS MILLE	NOAAS MILLER ERFEMAN	-		PROJECT & LEG	<u></u>				STATION	STATION DESIGNATION	ATION	
-					MF97-01		-  -  -	-	-	DSDB	STA	38 HAW	11/2
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0	CONSC		_						TAT	e/ U	HEB O (9		
	CAST	LATITUDE	LONGITUDE	TUDE DATE	F.IO. 7	TIME	DRY □	WESSE	S A3	WIND	1001 (PE (EAT)	BOTTOM	STA.
	DEG.		930		2	9	$\perp$	_	1		м ,	HEPTH HEPTH	NAME/ID
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	CHO CHO		TIMES	JD/TIME			Ď	] ັດ		+ -	MARKS		
<u>F</u>	TYPE & SN 92067		DATA ON			Tape/Diskette ID	kette ID	File	File Name/Header		+	0/00	1
<u>a</u>	PRESS SN 410K-023		START DOWN	z				- <b>)-</b>	CT0026	3		76 122	٥
F	TEMP SN 889		AT DEPTH										
ŏ	COND SN 480		AT SURFACE							_  2	MAY DEDTU		
<u> </u>	EMP/COND	TEMP/COND SN 701/303	PAR	FLUOR	Chlaim	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	TAPS6	TAPS4	4		7. K		E
<u> </u>	POS. TRIP			CTD CONVERTI	TED MONITOR VALUES	VALUES			SAMPLE BOTTLE	BOTTLE	SAMPI	SAMPLE BOTTLE NUMBER	NUMBER
		F		70					DATA	₹			7
	_	PRESSURE	<u> </u>	PRI. TEMP.	SEC. TEMP	TEMP	SAL	SALINITY	SALINITY	È	i V	NI TENENT	7 H C
	1606	999,625	625	2,7835	2,7858	50	34.	3178	34, 3343	43	25	0 110	
N/	500	499.138	138	3.6771	3.6787	3.3	33,	33,8430				100	
က		300.	300.403	4,1209	H.121S	15	33.	7896 4896				70	
4	7,8	200	200,305	4.1767	H, 1구	1773	33,	3686				90	
ω	00/	100	60.333	H. 0018	4.0	0673	33	£450'				در) ۵	
. 0	3 75	7	74.833	3,8987	3.8	8986	3.2	2.9252				414	
	20	50	50.837	3,7803	3.7	7812	32	18150				77 0	
∞	9 40	711	40,816	3 8480	3	8483	35	inet				91-10	
6	350	34	30,203	3,7985	3.7	7983	76	. 6932				0 ( 1	
9	0 75	7.0	12,939	3.7532	4	7549	32	32,5812				830	>
=		71	10.632	3,6896	3.6	0069.	22	2.5250				*0#0	
12	2 0		3,928	3.6866	3.6	4871	32.	9815"				140	
							•			3		]	

\*NO BOTTLE 969

PG 37 OF 38

VECCE										r D	70 P	200
VESSEL NOAAS AII I ED EDEFLAAN				PROJECT & LEG	k LEG			,	STATION	STATION DESIGNATION	ATION	
INCARO MILLER	FREEMAN			MF97-01		,			2000	015	39 4	
					100				(Ju		-	-
CONSC			-				340	AU'	18) (	<b>₩</b>		
CAST #	ATITI IDE	E	٠				.K=N		MIND ONIX	HIA:	BOTTOM	STA.
9	NIN NIN		$\vdash$	DAY MO VE	(GM1)	BUB	<u> </u>	NEIO IN	SPD.	1//	DEPTH	NAME/ID
02 45 60	0	9	× €	я В В 9	0			(deg) * * (deg)	* (S/W)	* * >	(E)	
CTO		TIMES	JD/TIME				DATA LOCATION	0	8	REMARKS	3	
TYPE & SN 92067	7905	DATA ON			Tape/Di	Tape/Diskette ID	File Na	File Name/Header			1	4
PRESS SN 410K-023	DK-023	START DOWN	<u>N</u>						10	7 -	Total Copierin	Court In Col
TEMP SN 889		AT DEPTH	,				1 1	*(1000	φ <u></u>		Cicar	1
COND SN 480		AT SURFACE					10 mmor *	* 10 minin bollows	<u> </u>	MAX DEP	MAX. DEPTH = C	CTER THE
TEMP/COND SN 701/303	N 701/303	PAR	THUR!		CHAM	TAPS6	TAPS4					1
POS. TRIP			CTD CONVE	CTD CONVERTED MONITOR VALUES	OR VALUES		]	SAMPLE BOTTLE	OTTLE	SAMPL	SAMPLE BOTTLE NUMBER	NUMBER
				\				DATA	-			
	PRESSURE	32	PRI. TEMP.		SEC. TEMP	SAL	SALINITY	SALINITY	≥	SAL	NUTRIENT	OTHER
- ئر	114,725	2.5	3.8246	3,8	3,8422	32,2423	5,	2652,26	٠,		CEO	
2 100	95 570	30	3 468 8	3,470	402	2531 128	7			)	650	
3 75	75,622	22	2.55(5	2,5	2,5514	31,9805	S				カニの、	
4 50	51.153	3	2.4999	7.4	7.4964	31,9039	5				מונס	/
5 30	30,122	٠	7.4736	1	2,4738	31.8976	.6				9317	
8/9	(26 2)	ا ا	2,4872		6137.2	31.8%	876.3				550	
7 18	18,033	3	2.4764	2,427	170	31, 6965	5.2					,
8 19	18, c6)	69	2.4778	7, t.	カモとれ'で	31, 294	7				,	>
6	11.(58	m	2,4786	2,4	3667.2	31,8969	6.				040	
10 11	(16,32)	67	2.4762	2.4:	2.4462	31 , 80	8969					>
11 11	12,965	5	7,4774	St64.2	5+1	31.8930	10	W				>
12 O	4,705	55	7,4807	7.48.7	4	11 .8967	<b>t</b> 9				979	,
												×

PG 28 OF 38

VESSE	道				Ò							5	S OF SE	200
Š	NOAAS MILLER FREEMAN	FREEMAN			F M	MF97-01	5				STATION DESIGNATION	DESIGN	ATION	
									<b>E</b>		(1ms)	OF H	100 mm	
CAST #		LATITUDE	LONGINDE	ž	DATE JE	D=O	TIME	DRY				LOUD ( YPE YEATHEF		STA.
	DEG.	MIN	980		4	g g	N E	+		N CERT	SPD: C	<del>M</del> .	_	NAME/ID
<u>で</u>	\$ 50 50	28555.43N	, ,	16609.96W25F	10 10	B 9 7	- 0	(7)	70	Gen C	(s/m) 7		ر ا ا	
	CTD		TIMES	JD/TIME	ME			.PQ	DATA LOCATION	<u> </u>	_	REMARKS		
<u>₹</u>	TYPE & SN 92067	2067	DATA ON				Tape/Diskette ID	ette ID	File Na	File Name/Header		180		-
PRE	PRESS SN 410K-023	0K-023	START DOWN	¥.					4	000	1 (			
TEM	TEMP SN 889		AT DEPTH			<u>                                     </u>					¥	- Jac	BETTER THAN SEC	19 SEC.
SON	COND SN 480		AT SURFACE	   		<u>                                     </u>					MAX	MAX DEPTH	H	8
TEM	TEMP/COND SN 701/303	N 701/303	PAR	√ FLUOR	EQ3	Chiam		TAPS6	TAPS4				8//	
S S	OEPTH DEPTH			CTDCO	VVERTED	CTD CONVERTED MONITOR VALUES	ALUES			SAMPLE BOTTLE	JTE	SAMPL	SAMPLE BOTTLE NUMBER	NUMBER
		PRESSURE		PRI. TEMP	e F	SEC. TEMP	MP	SAL	, LLV	SALINITY	>	SAL	NUTRIENT	8
-	+ 5	116,876	376	4,3756		4.3755	10	32.667		32,6194		1	980	
7	000	99.305	So	4.1710		4.1764		32, 4466	79		,		100	
က	35	75.134	34	2.6612		2,6007		37.8789	89				(00)	
4	50	50,895	35	2.5540		4,5537		31,8659	59				6 8 0	
S	HO	46,590	90	2.5582	٦	2.5581		37.8644	77				120	,
ဖ	30	31,310	0	2.5569		2.5569		31.8648	30				O X K	,
^	000	74.654	7.	2.5562		2.5563		37.8647	7				380	
80	C	11.067	D.	2.5556		2,5555	.5	31.8638	o				440	
6	O	3,437	7	2,555		7,5554	اخد	31.8636	36				300	
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12								•						
				ت ردره										7

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PG 29 OF 38

PG 29 OF 38	ATION	1 HRIII ( 15)		DEPTH NAME/ID	(m)	,-	in below 60m	T70	CHNES RAPIDIN	5	# He! -!!	SAMPLE BOTTLE NUMBER	CHU	NUTRIENT OFFER	990	186	000	000	905		903	. 806			_
PG		4	S) GUO PPE EATHER P	M	* -	REMARKS	10 mlmin		SEC SA	- 1 - 2		SAMPL							· V						
	STATION		MIND	SPO	(m/s) *	7		<u> </u>	V1 Y	2		ОТПЕ		<u></u>  -											•
				F	(deg)	CCCC	/Header	. (	7,0			SAMPLE BOTTLE DATA		SALINITY	ũ								i I		
		=	aruezan Tatz ab	sl			File Name/Header	() ()	F0001		84		1				<u>                                     </u>								-
			WET			∣ં≾	证	ζ	1	- 7-7	L TAPS4			534	00 1	133	77	892	400	31.8890	31.8886	5883			
	,		PRQ □		() ()		•			9	TAPS6			SALIN SALIN	37.5948	32,2673	31,8924	31.8892	31,8887	31.8	31.8	31.8			
	: (D		TIME				Tape/Diskette ID			et e	- T	ALUES		ž								2			
	PHOJECI & LEG MF97-01		- J	4-	6		<u> </u>				ChlAM	CTD CONVERTED MONITOR VALUES		4.0696	4.3849	3,8813	2.5688	2.5645	2,5619	2.5607	2.5608	2.5603			
000	MF97-01		DATE ID-		1 11	K				- - -	H.	ERTED MK							-						
					3	ᅵ닝	l				√ Fuon	ID CONVE	OF TOWN	4.4400	4.386	3, 8343	2.5621	7.5619	2,5670	2.5608	2.5410	2.5Col			
			LONGITUDE	N	4.		N	DOWN	Ē	FACE		ប	-	7	7	6	7		6	2		2			L
-		_		9		TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR			215	346	75,229	50,941	40.177	29.997	26,425	10,299	2.386			
	REEMAN		LATITUDE	NIM NIM	10		29	(-023			701/303		100	123 815	100,546	75,	50	40	29,	26	0/	2			
	NOAAS MILLER FREEMAN			9	R	СТБ	TYPE & SN 92067	PRESS SN 410K-023	688 N	COND SN 480	TEMP/COND SN 701/303	TRIP DEPTH	l	У.	100	72	50	CI	00	00	9	0			
VESSE	NOAAS		CAST #		039	Ċ	TYPE &	PRESS	TEMP SN	COND	TEMP/C	<u>န</u>		-	2 \(	8	4	5	g	^	80	6	10	-	

\*NO BOTTLE 989

Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 市市 CHI PG 30 OF 38 00 NUTRIENT 1000 1001 10 BOTTOM DEPTH 999 STATION DESIGNATION E MAX. DEPTH = S W WEATHER WEATHER REMARKS 50 SAL 33 834536\*\*5 (m/s) SAMPLE BOTTLE 32,1242 SALINITY DATA WIND URN JAN (deg) File Name/Header CTDORO SEA STATE VISIBILITY DATA LOCATION (dm) TAPS4 **BUNSSBUU** WET BULB ပ္ပ SALINITY 31.9964 31.9956 32, 1045 C Tape/Diskette ID PRY BULB TAPS6 ပ္ပ N 1 6 6 3 0 - 6 8 8 5 F E B 9 7 0 7 3 3 Z Z GMT) CTD CONVERTED MONITOR VALUES £ SEC. TEMP 2,4800 2,9018 2,4224 PROJECT & LEG / ChAM 吳 DATE JD= 056 MF97-01 § DA≺ / FLUOR JD/TIME PRI. TEMP. 2.422 2.9034 2,4809 LONGITUDE START DOWN AT SURFACE AT DEPTH PAH DATA ON 9 TIMES 50,758 PRESSURE 74.925 99,926 0305612143 **TEMP/COND SN 701/303** NOAAS MILLER FREEMAN LATITUDE PRESS SN 410K-023 Z TYPE & SN 92067 COND SN 480 TEMP SN 889 8 100 75 50 CTO CONSC VESSEL S N ო

1002 1005 1003 4001 1001 4 31,9275 31,9265 31.9264 31.9633 31,9265 2,4630 2,4623 2,4612 2,4618 2,4433 2,4437 2,46,8 2,4634 2,4624 41972 20, 546 24 25 40.881 31,091 0.169 40 30 30 0 4 0 <del>-</del> 9 O Φ

PG 3/ OF 38 STATION DESIGNATION PROJECT & LEG VESSEL NOAAS MILLEB FBEEMAN

OAAS	NOAAS MILLER FREEMAN			Ψ	MF97-01			-		DSDR	\$1\$	33 H	HAULI
CONSC CAST #	LATITUDE	TONGITUDE		DATE J	) \ \ \ \ = \ \ \ \ \ \ \ = \ \ \ \ \ \	TIME	₩ 2 2 3 4	BBNSSBB (ii) 0 ii)  0	SEA STATE	WIND (amt)	LOUD (amt) YPE YEATHER W	BOTTOM	STA.
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CTD	ρ	TIMES	JD/TIME	IME			D	DATA LOCATION	NOI		REMARKS		
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MP S	TEMP SN 889	AT DEPTH						)	600	75			
IS QNC	COND SN 480	AT SURFACE							×.	<u> </u> ∑	MAX. DEPTH =		Ε
MP/C	TEMP/COND SN 701/303	PAR	VALUOR	EQ3	CHIAM		TAPS6	TAPS4			66		
8 8 - B	TRIP DEPTH		CTDCO	VVERTED	CTD CONVERTED MONTOR VALUES	VALUES			SAMPLE BOTTLE DATA	ОТПЕ	SAMPI	SAMPLE BOTTLE NUMBER	NUMBER
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1	1001 100.116	116	2, 8734	7	2,8339	٥	32, 122	2	32.14 S.C.	- N	SAL T	NOI MEN	HI HI
2	75 / FE.	76.538	2.8654		2,8651		35,1278	35				1000	100
က	50 / 51.	51.595	2,5658		2,5663	3	21,93	3756				503	ļ.
4	14 / Qh	41.350	2,5003	5	2.5009	)	31.95	9525				504	7
വ	30 f 32.	32.00r	2,4994		2.5000	٥	31.96	(0				505	1 ~
9	201	22,511	2,4988	00	2,4994	7	31,9535	25				7475	=
	12,	12,657	2,4994	1	2,4999	6	31.9538	38				200	ř U
80	70	456.2	2,499	1	2,4996	9	31,95	538				5 2	3
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23 27 20

VESSEL					PROJECT & LEG	EG	6 CK	6		STATIC	PG 33	PG 33 OF	€0 \$00
NOAAS MILLER FREEMAN	FREEMAN				MF97-01					A C.S. C.	AN DESIGNA		HOIII
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CAST						HMF	200	<u>unss</u>	ATS TIJIE			-	
	LATITUDE	ξ)	LONGITUDE	DATE	~ [	$\dashv$	BULB	BULB PRE	<b>∀∃</b> S	SPD.		BOTTOM DEPTH	STA. NAME/ID
SHO ≥	Z	g- 0		DAY	Ø.	H WE	(၃)	(0)	(mb) * * (deg)	(m/s)	*	(m)	
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PRESS SN 410K-023	0K-023	START DOWN	OWN					. <b>C</b>	000000000000000000000000000000000000000	<u> </u>			Commit
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COND SN 480	,	AT SURFACE	- - -								MAX DEPTH	 	8
TEMP/COND SN 701/303	3N 701/303	PAR		V FLUOR	√ CHAM		TAPS6	TAPS4	4				
POS. TRIP DEPTH			E	CONVER	CTD CONVERTED MONITOR VALUES	RVALUES	ا		SAMPLE BOTTLE	BOTTLE	SAMP	SAMPLE BOTTLE NUMBER	NUMBER
							·			5			
	PRESSURE		Æ	PRI. TEMP.	SEC	SEC. TEMP	SA	SALivily	SALINITY	LII√	SAL.	NUTRIENT	OTHER THE
ر بر	154,634	34	7	3, 44, 24	3,4424	74	32,347	127	32, 36	3623	ין	POC?	<u> </u>
2 100	100.117	4	3,4	3,4054	3.405 &	58	32, 3	3190				7,7	
3 75	75,925	25	£,3	3,30(7	3, 3021	17		2112				7 12	
4 50	342,03	200	6)	3, 2855	3, 28	2858	32,1730	730				7	
5 MO	46,195	35	w. 1	3,2876	3.28	1881	34F1,56	नम्ह				7 2	
6 30	29.892	392	٠ ي م	3,2695	3. 26	8697	32.1143	43				九三	,
7 20	20.865	59:	3,2	3,2753	3, 29	8 967	32,1003	503				N.	
8 10	10.934	34	3.2	2803	3, 28	3027	32, 1014	h)a				1	> \
6	4° 4°	40	3,7	7810	3, 28	4132	32,1025	520				N. A.	2
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11					T.								
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Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 1 市市 HALLI Marmales Page H+/ NUTRIENT 526 7 7 6 520 5233 522 Hes 10 10 510 535 BOTTOM 531 DEPTH STATION DESIGNATION E MAX. DEPTH = REMARKS SAL ST S C C C HIET g (m/s) \* SAMPLE BOTTLE DATA SALINITY 32, 2128 WIND DIRN. (deg) File Name/Header YIJIBISIV SEA STATE DATA LOCATION (dm) APS4 WET BULB ပ္ပ SALINITY 31,8852 31.8829 32.0838 32,1963 31.9226 31,8905 31.954 32, 1812 31.9431 Tape/Diskette ID PH BULB **TAPS6** ပ္ပ NE E 90W26FEB970113H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP 2.8772 2,8438 PROJECT & LEG 2.9213 2,8405 2.9060 2,8346 3.2809 3.2526 CHAM 3, 1065 Œ DATE JD=057 MF97-01 § DA≺ V/FLUOR JD/TIME PRI. TEMP. 3.6989 3.2864 2.9211 7,8758 2,8432 2.8393 3,2515 2,9055 2.8341 LONGITUDE START DOWN AT SURFACE AT DEPTH PAR 05 DATA ON TIMES 9 PRESSURE 30,738 49.495 40, 211 75.554 10,701 156.265 20,761 100,321 z TEMP/COND SN 701/303 NOAAS MILLER FREEMAN LATITUDE <u>(</u>6 PRESS SN 410K-023 Z TYPE & SN 92067 COND SN 480 TEMP SN 889 TRIP DEPTH 8 03331 001 IN TH HO 6 150 50 g g Q Ę CAST VESSEL တ္ထ Ŋ 0 -S α თ

PG 33 OF 38

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VESSE				OF STORY			PG 340F 38
NOAAS MILL	NOAAS MILLER FREEMAN		<u>בֿ בֿ</u>	PRWECI & LEG	_	STATIO	STATION DESIGNATION
			- I	MF97-01		DSD	B STA 36 HAUL
SONSC		(,)			<b>BHE</b>	. Al	(amt)
CAST #	LATITUDE	TONGITUDE	DATE	TIME CRAS	DRY WET	WIND	
DEG		DEG	DAY	<u> </u>		S DHN SPD.	<u>□</u> M .
03454	0345435.55N16508.7	16508	8 W 2 6	E B 9 7 0 3	P - 5 - 5 - H	TRADES (m/s)	<u>-1</u>
eg G	,	TIMES	JD/TIME		DATA LACA	3	MARKS
TYPE & SN 92067	92067	DATA ON		Tape/E	Tape/Diskette ID	File Name/Header	(
PRESS SN 410K-023	410K-023	START DOWN			ft	<u>,                                     </u>	TADIMORE TO DO
TEMP SN 889	681	AT DEPTH					
COND SN 480	180	AT SURFACE					
TEMP/CONE	TEMP/COND SN 701/303	PAR	MRUOR	ChlAM	TAPS6 TAPS4		
POS. TRIP			CTD CONVERTE	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE	SAMPLE BOTTLE NUMBER
] ] 		34				DATA	
	PRESSURE	XJRE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL NUTBIENT OTHER
-	123.711		3.3095	3,3107	32,1964	32,2062	E-C-12
2 100	100,830		3,1945	3.1948	32,136		$\vdash$
3 15	75,627	22	3,1212	3,1217	32,0585		500
4 50	51.046		2,9283	2,9283	31.9384		230
5 40	34.895	95	2,3054	2.8060	31,8397		721
6 30	29.94(	) ከ	2,7715	2,77(8	31.8120		という
7 20	29661 "	7.9	2,76,78	2.7684	31.8040		7 523
80	9.826	77	2,7688	2.440H	-		THE ST
6	4.657	5.3	2.7737	2,7742	31.8012		2000
10.							
-						20	
12				120			

PG 3550F 38 VESSEL

VESSEL NOAAS MILL				PROPERTY.	PROJECT & LEG				:	STATION	STATION DESIGNATION	VOITA	
INCARAS WILL	NOAAS WILLEH PREEMAN			MF97-01	Ş	ļ				ROSE	STATA.	CHAM FC	
										(tm	:	-	
CAST						Ļ		∃UNS:	TAT2 YTIJI	: s) (1)	s) au Aaht		
-	LATITUDE	LONGITUDE		DATE JD=C	) F30=0r	(GMT)	A POR SOUR	<b>3384</b> 15 € 3 5			ΓΑΞΨ	BOTTOM	STA.
9 <u>H</u>	NIW.	<u>58</u>	N.	DAY MO	Œ	H MN	$\vdash \vdash$		*	_	۸.	╀	CAINIE
03554	355427.41N	N 16500.7	0 EMFF.	Ш	B 9 7 0	7 7 7	T - T	9	9948393	56	/ /* 齐	5	All regions on the
GT <sub>O</sub>		TIMES	JD/TIME	ME			DAT	DATA LOCATION	N.	<u> </u>	REMARKS		
TYPE & SN 92067	92067	DATA ON			Ta	Tape/Diskette ID	tte ID	File Na	File Name/Header		ا د د		i
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TEMP SN 889	68	АТ ОЕРТН	į	4.	<u> </u>					<u>1</u>	2000	000	
COND SN 480	180	AT SURFACE				) 				Σ	MAX. DEPTH	ر اا ت	E
TEMP/COND	TEMP/COND SN 701/303	PAR	HUOR		CHIAM		TAPS6	TAPS4	,				
POS. TRIP			CTDCON	CTD CONVERTED MONITOR VALUES	NITOR VA	LUES			SAMPLE BOTTLE DATA	OTTLE	SAMPL	SAMPLE BOTTLE NUMBER	UMBER
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	HESSUR		PRI. TEMP.	و ا	SEC. TEMP	۵	SALINITY	<u> </u>	SALINITY	īΥ	SAL	NUTRIENT	鲁
-	50.306	306	2,6403		2.0407		31.7234	<u>۲</u>	31, 7404	7	CC	74.73	
2 40	40.682	285	2.6377		2.6374		31,7221	17			2	3 7	
3 30	31,113	13	2.6322		2,6326		31,3184	7				230	
4	20,900	900	2,6295		2,6363		3.7172	7				2 20	
9	909'6	900	2,6244		2.6249		141676					7 7	
<i>O</i>	3.6	3,320	2,6264		39797		31,7155	2				1	T
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SC	VESSEL				PBOIECT& LEG			PG 3½ 0F 38	1001
CONGITUDE   DATE   DA	MILLER	FREEMAN	-		FRUECI & LEG		STATIC	ON DESIGNATION	
Times								STA 38	_
CONSTINUE   DATE JD= CN-7   GMM   BLUB   BLUB   E G G G G G G G G G G G G G G G G G G				<del>-</del>			3.		
TIMES   NATIONAL   N	Q i						ΥΠ	B) (3	
N		TITUDE			7 7 5	DRY WET	SIBIS WIND	34 1143 1100 1100 1100 1100	¥.
N		NIM	580	F	- CO - C2	EUB EUB	SI DIRN. SPD.	№ DEPTH	ME/ID
TIMES   JOTTIME   Tape/Diskette   DATALOCATION   FEMANS    STAFT DOWN   Tape/Diskette   DATALOCATION   FEMANS    STAFT DOWN   Tape/Diskette   DATALOCATION   FEMANS    AT DEPTH   AT SECTEMP   SALINITY   SALIN	6543	N H S H	9	× ×	E B 9 7 (	(C) 20 20 20 20 20 20 20 20 20 20 20 20 20	b)* * (deg) (m/s)	. ≻ . ≯	
STAFT DOWN   STAFT DOWN     AT DEPTH	СТО		TIMES	JD/TIME			5	MARKS	
STAFT DOWN   AT DEPTH   AT DEPTH   AT DEPTH   AT SURFACE   ACT DO ALL     AT SURFACE   AT SURF	8 SN 92	290	DATA ON		Tape	⊡	e/Header	, and	
P SN 889         AT DEPTH         CID CONVERTED MONITOR VALUES         TAPS4         MAX. DEPTH = PRI TEMP         CID CONVERTED MONITOR VALUES         TAPS4         MAX. DEPTH = PRI TEMP         CID CONVERTED MONITOR VALUES         TAPS4         AMPLE BOTTLE NUMBER           DEPTH	SS SN 410	K-023	START DOW	Z.		Ė	•	01	
D SN 480         ATSURFACE         CID CONVERTED MONITOR VALUES         TAPS6         TAPS4         ANNUE BOTTLE         SAMPLE BOTTLE NUMBER           DEPTH         FRESSIFE         PRI TEMP         CID CONVERTED MONITOR VALUES         SALINITY         SALIN	TEMP SN 889		АТ ДЕРТН	187				2	
TRIP   PRESSIFE   PRI, TEMP.   SEC, TEMP   SALINITY	COND SN 480		AT SURFACE						E
TRIP   PRESSURE   PRI TEMP   SALINITY   SALINITY	P/COND SA	N 701/303	PAR	FLUOR	CHIAM				≣
PRESSURE   PRI.TEMP.   SEC.TEMP   SALINITY   SALINITY	POS. TRIP			CTD CONVERTE	ED MONITOR VALUE		-	SAMPLE BOTTLE NUN	/BER
PRESSLE         PRILTEMP.         SEC.TEMP         SALINITY	<u> </u>			4			DATA		
408.872         4.0070         4.0074         33.6481         33.6616         31         542           248.923         4,7204         4,2224         33.2841         543           201.403         4,120         31.928         543           201.403         4,0363         32.8058         549           101,354         3,9674         3,9679         32.6521         540           76,455         3,4734         3,4260         32,3944         540           81,592         3,426         32,394         540           41,593         3,426         32,394         540           22,345         3,426         32,346         32,346           22,346         3,426         32,346         550           30,426         32,346         32,346         550           22,345         3,416         32,346         52,346           10,850         3,416         32,376         550           10,850         3,416         32,376         551           10,850         3,416         3,416         32,376         551           10,850         3,416         3,416         32,376         32,376         32,376		PRESS	340	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	Ni TRIENT	5
298.923         4.2224         4.2224         33,2841           201.403         4,110         32,928           150.718         4,0463         4,0469         32,8058           101,354         3,9679         32,6521           76,455         3,4734         3,4748         32,4999           76,455         3,4254         3,4260         32,3803           701,573         3,4256         3,4260         32,3418           70,850         3,425         3,425         32,3718           10,850         3,416         32,3718         32,3718           10,850         3,416         32,3718         32,3718	x .	408.8	372	4,0070	4.0074	ťΩ	1 67	542	
201,403       4,1105       32,928         150,718       4,0343       3,9679       32,8058         101,354       3,9679       32,6521         76,455       3,4134       3,4344       32,3479         76,455       3,4254       3,4104       32,3944         76,778       3,4254       3,4254       3,4254         76,850       3,4153       3,4168       32,3763         18,850       3,4162       3,4168       32,3763	300	298.9	123	4.220H	4,2224	33,2841		_	
150.718. 4,036.3 4,0469 32.8058  701,354 3.9679 32,8058  76,455 3.4734 3.4260 32,3803  71,778 3.4256 3.4260 32,3803  72,056 3.425 3.4257 32,3746  726,650 3.4253 3,4257 32,3768  726,850 3.4161 3.4168 32,3763	1000	201,4	103	4,1105	4,1110	32,9288		<i>th5</i>	
761,354       3.9674       3,9674       32,6521         76,455       3,4734       3,4748       32,4999         76,455       3,426       3,426       32,3944         80,365       3,425       3,426       32,3748         90,365       3,4253       3,4257       32,3768         10,850       3,416       32,376         10,2942       3,416       32,376	150	150	718	4,0763	692014	32.8058		547	
76,455 3,4734 3.4948 32,4999 — 32,4999 — 32,4999 — 34.092 32,3944 32,3944 32,3944 32,3944	100	101,3	354	3.9674	3,9679	32,6521		246	
C       51,778       3.4256       3.4260       32.3944         41.593       3.4256       3,4260       32.3803         4       30.365       3.4306       3.4312       32.3746         7       26.650       3.4253       3.4254       32.3718         10,850       3.4168       32.3713         10,272       3.4162       3.4170       32.3704	35	76,6	455	3,4434	3,4748	32, 4999		2023	
41.593     3.4256     3.4260     32.3803       20,365     3.4253     3.4257     32.3746       10,850     3.4153     3.4158     32,3713       10,850     3.4162     3.4170     32,3763	JOY.	51.5	178	3.4092	3.4104	32.3944		27.5	
1         30,365         3,4253         3,4254         32,346           1         22,650         3,4253         3,4254         32,348           1         10,850         3,416         3,416         32,343           1         2,642         3,416         3,417         32,3404	104	41.5	593	3.4256	3,4260	32, 3803		540	
12,650     3,4253     3,4254     32,3418       12,850     3,4162     3,4170     32,3764	30 (	3	345	3,4306	3,4312	32.3746		556	
3.4168 32,3713 3.4170 32,3769	200	26.6	550	3,4253	3,425∓	32,3418		5.51	
3.4162 3.4176 32,3769	0	18,8	50	3.4161	3.416	32, 3713	-	557	T
	) 0	2,6	37 2	3.4162	3.4176	32,3769		353	

NAME/ID SAMPLE BOTTLE NUMBER STA. 3 c<sub>1</sub> LACT Unima k Pass NUTRIENT 563 5 45 554 35 562 556 BOTTOM 559 525 561 565 H25 DEPTH STATION DESIGNATION line NW of 564 MAX. DEPTH = (E) 543 ws REMARKS WEATHER WEATHER TYPE SAL. 1:12 9 0 DSDB (s/m) 77 SAMPLE BOTTLE SALINITY DATA 34,9499 7 WIND (deg) File Name/Header 7 VISIBILITY 4 SEA STATE DATA LOCATION (am) 4.499 TAPS4 **BU**NSSBUU 13.43 13.43 13.43 32,6746 32,4543 32.4792 32,4727 32,4665 32, 7779 (ĵ 33,9392 32,4543 SALINITY 32,4615 33,1222 32,4561 32,4551 5 Tape/Diskette ID DRY BULB **TAPS6** <u>ဂ</u> 0 ¥ WE GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP 3,5622 3.5776 3,5158 3,5634 3.5773 4.4127 4.0772 3.5436 3.5064 PROJECT & LEG 3.5323 3,5119 CHAM 4.0656 9 7 Œ MF97-01 16602 1 7 W2 6 F E B Q DATE JD= DAY FUOR JD/TIME 3.5440 3, 5075 3.5095 3,5151 3.5113 PRI. TEMP. 3.5313 3,5766 3,5621 4.0049 3.5476 4.4096 4.0765 LONGITUDE Z START DOWN AT SURFACE AT DEPTH PAR DATA ON S TIMES 97.677 538.835 77,067 49,928 3, 743 200,690 68£ 67 40,749 20,510 374.6 PRESSURE 150,331 300,801 z 7 TEMP/COND SN 701/303 NOAAS MILLER FREEMAN σ LATITUDE PRESS SN 410K-023 2 7 Z TYPE & SN 92067 COND SN 480 TEMP SN 889 30 4 40 TRIP DEPTH 8 0 2007 45 2 00 50 300 150 2 0 + 2 CTO VESSEL SONSC CAST S δ δ 12 0 က S S φ Φ

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√ وح2	51,497	<b>(-</b>	3,3087		3,3089		32,1745				572	
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Ó	4,263	<i>€</i> 0.	3,3043		3.3049		32,1276				597	