VESSEL RV Miller	VESSEL RV Miller Freeman	۰				PROJECT & LEG MF99-11	, LEG	DSDB I.D.	.O.			STAT	STATION DESIGNATION	SIGNATIC	N.	5.5
CONSC CAST#	-	LATITUDE	FONG	LONGITUDE	DATE	=Qr	TIME (GMT)	DRY BULB	WET	PRESSURE STATE	YTIJIBISIV O N N N N N N N N N N N N	1	CLOUD (amt) YPE ABATHER	ВОТТОМ		STA.
1	DEG	MIN	DEG	MIN	DAY	MO YR	R HR MIN	(၁့)		$\Box$	*	(m/s)	*		-	
7	445644.35	14.35 N	703	•	7 I MOS	S E P 9	1 00 1 6	O <sub>O</sub>	4.0	142	4	2 1 1	781	0 }	6	44
SBE	SBE 9+ 09P89 1	0 9 9	TIMES	JOC	JD/TIME			Ó	DATA LOCATION	NOIL			REMARKS	KS		
PRE	PRESS SN 2	9772	DATA ON				Tape/Diskette ID	cette ID	Ē	e Name	File Name/Header			98	38 W/0	
PRIT	PRI TEMP SN	884	START DOWN	NA	,				-					and the same and t	-	4
SEC	SEC TEMP SN	889	АТ ОЕРТН				. 4		<u> </u>			l	Clea	Cleaned air bleed valve	leed val	φ >
PRIC	PRI COND SN	530	AT SURFACE	兴					! !			1	MAX. DEPTH =	EPTH =	56	E
SEC	SEC COND SN	303	PAR S/N	4 2 4	2	FLUO	FLUOR S/N 1 5	5 3	CHIAM S/N	A S/N			TRA	TRANS. S/N	,	
POS.					CTD CONVERTED	ED MONIT(	D MONITOR VALUES			S	SAMPLE BOTTLE	<b>STTLE</b>	SAM	SAMPLE BOTTLE NUMBER	TLE NU	MBER
	DEPTH		*	*		53			*		DATA	4	,			
· .		PRESSURE	iure	PRI. TEMP.	MP.	SE(	SEC. TEMP	SA	SALINITY	-	SALINITY	<u></u>	SAL.	NUTR.	GH.	WHIT's NUTR.
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VESSEL RV Miller Freeman	٠ ,			PR( MF§	PROJECT & LEG MF99-11	EG	DSDB I.D.	. O.	-		STATI	ON DES	STATION DESIGNATION	<u>_</u>	87
CONSC CAST# LA	LATITUDE	TONG	LONGITUDE	DATE JD=	1	TIME (GMT)	DRY	WET	PRESSURE SEA STATE	VISIBILITY D WIND DIRN.	S WIND CLOUD (amt)	TYPE ABLA SAMI	BOTTOM DEPTH		STA. NAME/ID
)EG	MIN	DEG	MIN	DAY MO	IO YR	HR MIN	(0,)	(0,)	_	(gab) *	(m/s)	. *	(m)		
45 5647	7 .3 7 N	1703	. 43 w	14s E	E P 9 9	1843	00	*	641	11-	60	1. 1.20	2	7	45
SBE 9+ 09P89 1	0 9 9	TIMES	JD/TIME	IME			Δ	DATA LOCATION	NOI			REMARKS	KS		
PRESS SN 2	9772	DATA ON			-	Tape/Diskette ID	ette ID	File	Name	File Name/Header		93	3 6	0	-
PRI TEMP SN	884	START DOWN	Ş												
SEC TEMP SN	889	АТ ОЕРТН									<u></u>	Clear	Cleaned air bieed valve	eed valv	<b>.</b>
PRI COND SN	530	AT SURFACE	E .	-	,		4					MAX. DEPTH =	EPTH =	9	E
SEC COND SN	303	PAR S/N	4242		FLUOR S/N	S/N _ 1 5	က	CHIAM S/N	N/S			TRA	TRANS. S/N		
POS. TRIP				CTD CONVERTED	-	NONITOR VALUES			8	SAMPLE BOTTLE	TTLE	SAMI	SAMPLE BOTTLE NUMBER	ILE NUI	MBER
DEPTH			,		.00	. :				DATA					
	PRESSURE	SURE	PRI, TEMP	MP.	SEC.	SEC. TEMP	SA	SALINITY		SALINITY	<b>&gt;</b>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller	VESSEL RV Miller Freeman				α. ≥	PROJECT & LEG MF99-11	& LEG		DSDB I.D.			ST/	STATION DESIGNATION 82	ESIGNA	ATION 132	ŕ	
CONSC CAST #		LATITUDE	LONG	LONGITUDE	DATE	=Qr	TIME (GMT)	DRY BULB	WET WET	PRESSURE	SEA STATE YTIJIBILIY P O	WIND WIN	S S S S S S S S S S S S S S S S S S S	меатнея В В	ВОТТОМ	STA. NAME/ID	A. E/ID
	DEG	MIN	DEG	MIN	DAY	MO Y	YR HR MIN	(°C)	(၃)	(qm)	*	(s/ш) (бөр)	*		(E)		-
J	466650	39 N	170	28.49w14s	S   1 1 /	E P 9	6	(%)	0 7	1 1 4	14 14	36006	1 to 9		02		7
SBE 8	SBE 9+ 09P89 1	0 9 9	TIMES	Nav	JD/TIME	4			DATA LOCATION	ATION			REMARKS	ARKS			
PRES	PRESS SN 2	97-72	DATA ON	.	. *	l	Tape/D	Tape/Diskette 1D	•	File Name/Header	ne/Head	Je:		80	0/0	:	
PR!	PRI TEMP SN	884	START DOWN	WN									[		7		
SEC	SEC TEMP SN	889	АТ ОЕРТН	J			,				4	`	<u> </u>	Cleaned air bleed valve	iir blee	dvalve	
PRIC	PRI COND SN	530	AT SURFACE	) SE									₩ ¥ ¥	MAX. DEPTH =	#		E
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POS.	L			1	CTD CONVERTED	D MONIT	OR VALUE	(0			SAMPL	SAMPLE BOTTLE	<u>ļ</u>	SAMPLE BOTTLE NUMBER	SOTTLE	E NUMB	ÄER
	DEPTH				,							DATA				,	
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zM	M STA.		86			00 80	Cleaned air bleed valve	P0		SAMPLE BOTTLE NUMBER		WHIT'S CHL. NUTR.	**										-	
SIGNATIC B	BOTTOM DEPTH	(m)	6	KS		$\mathcal{G}$	ned air b	EPTH =	TRANS. S/N	PLE BOT	!	NUTR.			-									
STATION DESIGNATION 83	CLOUD (amt) TYPE WEATHER		75	REMARKS			Clea	MAX. DEPTH =	TRAI	SAM		SAL.	7									,		
STA 8			600		. L			Ī		BOTTLE	<u> </u>	\_LIN			. :							÷		
	VISIBILITY DIRN		37250		e/Heade		4			SAMPLE BOTTLE	2	SALINITY						-						
	PRESSURE SEA STATE	, (dm)	1 43	ATION	File Name/Header				ChIAM S/N		. ,		_							,			9	
I.D.	WET BULB	(၁့)	7 5	DATA LOCATION			-		(공 -	]		SALINITY	-	>				,						
DSDB I.D.	DRY BULB	(0,)	9	/Q /	itte ID		,	*	e e			SA												
<u> </u>	TIME (GMT)	HR MIN	1942		Tape/Diskette ID				3/N _ 1 5	VALUES	,	EMP .					,						33	
PROJECT & LEG MF99-11	Ξ(	MO YR	Б В 9						FLUORS	CTD CONVERTED MONITOR VALUES	22	SEC. TEMP			•	٠		•			,			
PR MF	DATE JD=	DAY	I U S E	ME						VERTED		IP.						-						-
		MIN	5 N 1 70 26. 78 W 14	JD/T!ME		•			4 2 4 2	CTD CON	,	PRI. TEMP.				,								
	ONG		960		NO	START DOWN	PTH	AT SURFACE	1							-	; 							
		DEG	Z Z	TIMES	DATA ON	STAR	AT DEPTH	AT SU	PAR S/N			PRESSURE	,									•		
	LATITUDE	MIN		0 9 9	29772	884	889	530	303			PRE:									•		,	
Freeman		DEG	475653.	~-	'					TRIP	<u> </u>		S									_		
VESSEL RV Miller Freeman	CONSC CAST#		4	SBE 9+ 09P89	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	Pos.	<u></u>		- 00	2	3	4	2	9	2	8	6	10	11.	12

VESSEL RV Miller Freeman					PROJECT & LEG MF99-11	& LEG	C.I BOSOB I.D.	.D.			STATION -7-	ON DES	STATION DESIGNATION	Z.	
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	LATITUDE	LONG	LONGITUDE	DATE	=OC	(GMT)	BULB	WET BULB	A38	WIND DIRN.	WIND C	3d.L	DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO Y	YR HR MIN	(O <sub>e</sub> )	(°C)	* (dm)	, (deg)	* (s/m)	*	(m)		
485654.	- 0 HN	1702	7023.77W14		SEP9	9 200	8.5	7.9143	43	7350	0	7%	200	a	43
SBE 9+ 09P89 1 6	1660	TIMES		JD/TIME			DA	DATA LOCATION	N O		<u></u>	REMARKS	KS		
PRESS SN 2	29772	DATA ON		- /		Tape/Diskette ID	cette ID	File	Name	File Name/Header					
PRI TEMP SN	884	START DOWN	NN NN									_	100 B	200	
SEC TEMP SN	889	АТ ОЕРТН										Clean	Cleaned air bleed valve	eed valv	9
PRI COND SN	530	AT SURFACE	<b>.</b>		· [			•			<u>اکر</u>	MAX. DE	MAX. DEPTH = 86	9	E
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POS. TRIP DEPTH			CTDC	ONVERT	ED MONIT	CTD CONVERTED MONITOR VALUES			S	SAMPLE BOTTLE DATA		SAMF	SAMPLE BOTTLE NUMBER	TLE NUN	/BER
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-	PRESSURE	URE	PRI. TEMP.	EMP.	S	SEC. TEMP	SAL	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller Freeman				<u>A</u>	PROJECT & LEG MF99-11	EG	DSDB 1.D.	j G	**	S	STATION DESIGNATION	SIGNAT	∑,0	
									SURE STATE			Man	)	
	LATITUDE	LON	LONGITUDE		JD=	TIME (GMT)	DRY BULB	WET		WIND WI	コムスエ	BOTTOM W DEPTH		STA. NAME/ID
DEG	MIN	DEG	NIN	DAY	MO YR	HR MIN	(၁့)	(°C)	~	(deg) (m		(m)		
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SBE 9+ 09P89 1 6 6 0		TIMES	JD/TIME	IME			۵	DATA LOCATION	N		REMARKS	RKS		•
PRESS SN 2	9772	DATA ON			, 	Tape/Diskette ID	ette ID	File	File Name/Header	ader				
PRI TEMP SN	884	START DOWN	NWC						-			600	77	ŊĹ
SEC TEMP SN	889	AT DEPTH						-			<u>ဗီ</u>	Cleaned air bleed valve	feed val	,e
PRI COND SN	530	AT SURFACE	ACE A		[						MAX.	MAX. DEPTH =	79	E
SEC COND SN	303	PAR S/N	N_4242		FLUOR S/N	S/N_1 5	3	CHIAM S/N	N/S		TR/	TRANS. S/N		
POS. TRIP DEPTH			CTD CO	NVERTE	CTD CONVERTED MONITOR VALUES	R VALUES			SAN	SAMPLE BOTTLE DATA	<u>                                     </u>	SAMPLE BOTTLE NUMBER	TLE NUI	MBER
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	PRESSURE	URE	PRI. TEMP.	MP.	SEC.	SEC. TEMP	SA	SALINITY		SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.
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1			STA. NAME/ID					0	vaive			SAMPLE BOTTLE NUMBER											-		_	
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	1 × 1 × 1	SPG-/ BESIGNAL BL	BOTTOM DEPTH	(m)	9	"		003	Cleaned air bleed valve	TH=	N/S	E 80		NUTR.												
PG		- CESIC	ЯЭНТАЭМ	*	-	REMARKS			leane	MAX. DEPTH =	TRANS. S/N	AMPL			~											
9		Ŏ,	TYPE CLOUD (amt)	•	4	REN		[				<u> </u>		SAL.	12	,										
5	, VE	<u>0</u>	SPD (amt)	1	005			ı		ı		TTLE	,	≻												
وي			WIND DIRN.	(deg)	0 6		ader					SAMPLE BOTTLE DATA		SALINITY												
3			SEA STATE YTIJIBIÈIV	*	17		e/He					SAMP		Š								,				
3			PRESSURE	(mb)	4	NO NO	File Name/Header				N/S															
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	000	MF99-11	JD=	QM	ш.				:			ED MC		<u>-</u> -						`.						
	ľ		DATE	DAY	17018.72W148	⊞						VERT		<u>Q</u>	41		S									
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Dreds on water between	VESSEI	RV Miller Freeman	CONSC CAST#		50	SBE 9+ 09P89 1	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	l						_	,,			_		10		12
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VESSEL RV Miller Freeman	۰			PROJECT MF99-11	PROJECT & LEG MF99-11	9	DSDB I.D.	). 	- )0	STA	STATION DESIGNATI	SIGNATIO	<u></u>	
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	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET 6	8 438	WIND WIN	CLOUI CLOUI	BOTTOM DEPTH	-	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY MO	YR	HR MIN	(၃့)	(°C)	* (	(deg) (m/s)	*	(m)		
51570	15702.57N170		6.99w14	14SE	Р 9	2342	0	419:6	7	3200	1 2 2 2	53	9	5
SBE 9+ 09P89 1	660	TIMES	JD/TIME	ΛĒ			DAT	DATA LOCATION	Z		REMARKS	KS		
PRESS SN 2	9772	DATA ON				Tape/Diskette ID	tte ID	File 1	File Name/Header	ider				
PRI TEMP SN	884	START DOWN	z		,							00	7	1
SEC TEMP SN	889	АТ DEРТН	•								Clea	Cleaned air bleed valve	eed valv	
PRI COND SN	530	AT SURFACE					•				MAX. D	MAX. DEPTH =	Co ~~	٤
SEC COND SN	303	PAR S/N	4242		FLUOR S/N	/N 1 5	ر س	ChlAM S/N	N/S		TRA	TRANS. S/N		
POS. TRIP			CTD CONVERTED		MONITOR VALUES	VALUES			SAMP	SAMPLE BOTTLE	<u> </u>	SAMPLE BOTTLE NUMBER	TLE NUN	BER
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	PRESSURE	URE	PRI. TEMP.	<b>Т</b> Р.	SEC. TEMP	EMP	SALI	SALINITY	S,	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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WHIT'S NUTR. NAME/ID SAMPLE BOTTLE NUMBER Ε Cleaned air bleed valve CH. MAX. DEPTH = 4/6 8.01.00 x 21.0 05 87.0 BOTTOM STATION DESIGNATION 3 - 1DEPTH NUTR. TRANS. S/N REMARKS 7 SAL. (ged) (m/s) SAMPLE BOTTLE SALINITY MIND DIRN. File Name/Header YTIJIBISIV (mp ChIAM S/N DATA LOCATION BULB ပ္ပ SALINITY DSDB I.D. DRY BULB Tape/Diskette ID 5 0 4 40 6 6 YR HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES FLUOR S/N SEC. TEMP PROJECT & LEG MF99-11 535637.07N16934. POWISSEP õ DATE JD= DAY JD/TIME PRI. TEMP. PAR S/N \_ 4 2 4 2 LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON PRESSURE LATITUDE 6 7 SBE 9+ 09P89 1 6 6 MIN 889 884 RV Miller Freeman TRIP DEPTH SEC COND SN DEG SEC TEMP SN PRI COND SN PRI TEMP SN PRESS SN CONSC CAST # 9 7 12 6 S 9 ω

VESSEL RV Miller Freeman				PROJEC MF99-11	PROJECT & LEG MF99-11	9	DSDB I.D.	D	i ja	STA	STATION DESIGNATION	SIGNATIO #95	ZI	
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	LATITUDE	LONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET WE BULB	āं ≷ ∧ISIBII SE∀ ट	WIND WINI	SLOUC TYPE ITABW	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY MO	N YR	HR MIN	(၃့)	٦	*		].		L.	
535643.92N169	2 . 92 N	1693	35. 9aw	93W 15'S E	E P 9 9	0532	9.6	8.11307200	OFar	00 64	877		80	5.5
SBE 9+ 09P89 1	6 <b>6</b> 0	TIMES	JD/TIME	ME			DAT	DATA LOCATION	9		REMARKS	KS	<b>1</b>	
PRESS SN 2	9772	DATA ON				Tape/Diskette ID	tte ID	Fije Na	File Name/Header	· 55				
PRI TEMP SN	884	START DOWN	N.				*	;				£ 00	7	
SEC TEMP SN	889	АТ ОЕРТН				,				)	Clear	ned air bl	Cleaned air bleed valve	
PRI COND SN	530	AT SURFACE	JE,								MAX. DEPTH =	Ť	33	: . E
SEC COND SN	303	PAR S/N	4		FLUOR S/N	/N 1 5	3	CHIAM S/N			TRAN	TRANS. S/N		
POS. TRIP DEPTH		]		CTD CONVERTED MONITOR VALUES	ONITOR	/AI_UES			SAMPLE DA	SAMPLE BOTTLE DATA	1	PLE BOT	SAMPLE BOTTLE NUMBER	3ER
	PRESSURE	URE	PRI. TEMP.	J-M-	SEC. TEMP	EMP	SALI	SALINITY	SALI	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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ST # LATITUDE LONGITUDE  DEG MIN DEG MIN  ST6 S6 4 3 . 36 N 1 6 9 2 7 . 3  E9+ 09P89 1 6 6 0 TIMES  ESS SN 2 9 7 7 2 DATA ON  TEMP SN 889 AT DEPTH  COND SN 530 AT DEPTH  COND SN 530 AT DEPTH  COND SN 630 AT SURFACE  COTE  OFFIT A COND SN 64 2 2	DATE JD= DAY MO JD/TIME	TIME (GMT) HR MIN	DRY WET SSULB BULB R	TE T			
26 N 16937.30  36 N 16937.30  7 2 DATA ON START DOWN AT DEPTH AT SURFACE AT SURFACE CTC CTC	DATE JD= DAY MO JD/TIME	.	BULB	17181 S	OUD (: ∃HTA	ROTTOM	V L V
DEG MIN  TIMES  TIMES  7 2 DATA ON START DOWN AT DEPTH AT DEPTH AT SURFACE CTE CTE CTE CTE CTE CTE CTE CTE CTE C	DAY MO	1		S S DIRN.	qYT	DEPTH	NAME/ID
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AT SURFACE  PRESSURE	4 2				Clean	Cleaned air bleed valve	ed valve
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	PRI. TEMP. SEC	SEC. TEMP	SALINITY	SALINITY	SAL.	NUTR.	WHIT'S CHL. NUTR.
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WHIT's NUTR. STA. NAME/ID SAMPLE BOTTLE NUMBER Ε Cleaned air bleed valve 1-501 10 hour gay hear Cle to or 끉 BOTTOM DEPTH STATION-DESIGNATION CS+ NUTR. MAX. DEPTH = TRANS. S/N REMARKS ЯЭНТАЭМ 714080812 SAL. (s/w) SAMPLE BOTTLE WIND DIRN SALINITY File Name/Header VISIBILITY **3TATS A3**2 DATA LOCATION ChIAM S/N WET BULB ပ္ပ SALINITY DRY BULB Tape/Diskette ID ഗ HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG MF99-11 FLUOR S/N Ϋ́R တ οŽ DATE JD= DAY MO 29 W 1 5 S E JD/TIME PRI. TEMP. LONGITUDE Z START DOWN 04 40 AT SURFACE PAR S/N AT DEPTH DATA ON DEG TIMES **PRESSURE** 7 ATITADE SBE 9+ 09R89 1 6 6 182 884 SEC TEMP SN 889 530 RV Miller Freeman DEPTH SEC COND SN DEG TRIP PRI COND SN PRI TEMP SN PRESS SN CONSC CAST# VESSEL POS. 12 9 <del>;</del>  $\sim$ ŝ ന 4 ဖ  $\infty$ 

VESSEL RV Miller Freeman	u V		7/0	PR	PROJECT & LEG MF99-11	စ္ပ	DSDB I.D.	.O.	19		STATION DESIGNATION	DESIGN 104	ATION -1 /C4		
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POS. TRIP DEPTH			CTD CC	NVERTED	CTD CONVERTED MONITOR VALUES	VALUES			SAN	SAMPLE BOTTLE	<u>                                     </u>	AMPLE	SAMPLE BOTTLE NUMBER	NUMB	Ä E R
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VESSEL RV Miller Freeman	an Te	7		PROJEC MF99-11	ROJECT & LEG IF99-11	9:	DSDB I.D.	I.D.		S	ATION DE	STATION DESIGNATION	27	
,	LATITUDE	PONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET WET BULB	SEA STATE VISIBILITY	WIND WII	S V NEVE VEDUD (smt)			STA.
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CONSC   CAST #   CONSC   CON	VESSEL RV Miller Freeman		,		_ ∑	PROJECT & LEG MF99-11	EG	DSDB I.D.	I.D.	10	S	STATION DESIGNATION	SESIGNA (07-	ZION C		
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MIN   DEG		TITUDE	LONG	SITUDE		ŀ	(GMT)	BULB		∀∃S	WIND DIRN.	10 JO CLOI 19YT	ΑΞM	TOM PTH	STA. NAME/I	. 0
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PAR SN	SEC TEMP SN	889	АТ ОЕРТН									<u></u>	eaned a	ir bleed	valve	
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WHIT's NUTR. STA. NAME/ID SAMPLE BOTTLE NUMBER Ε 80 B Cleaned air bleed valve SH. BOTTOM DEPTH STATION DESIGNATION NUTR. 1936 1934 MAX. DEPTH = TRANS. S/N 935 REMARKS **ABHTABW** 32 SAL. S WING CLOUD (amt) 470651385 (s/ш) SAMPLE BOTTLE WIND DIRN. SALINITY DATA File Name/Header SEA STATE VISIBILITY (qm) 7 304 DATA LOCATION ChIAM S/N PRESSURE WET BULB (°C) SALINITY DSDB I.D. 70 DRY BULB ် Tape/Diskette ID വ HR P 9 9 0 0 0 0 TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG FLUOR S/N YR õ N1 7012.76W/78E DATE JD= PA JD/TIME PRI. TEMP. LONGITUDE PAR S/N \_ 4 START DOWN AT SURFACE AT DEPTH DATA ON DEG TIMES PRESSURE @ W ~ ~ LATITUDE 2 9 7 SBE 9+ 09P89 1 6 6 DEG MIN 889 303 884 530 414509 RV Miller Freeman PRI COND SN DEPTH SEC TEMP SN SEC COND SN 2 TRIP 0 PRI TEMP SN PRESS SN CAST # CONSC Pos. 10 Ξ 7 0 Ω ტ ന 9 ø

OF OF	1 (H	WIND WINDOUT STA.  DIRN SPD C P P P P P P P P P P P P P P P P P P	(m) * * (s/m)	06015855 30 63	REMARKS	Jen	SC 00	Cleaned air bleed valve	MAX. DEPTH = 25 m	TRANS. S/N	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SAL. NUTR. CHL. NUTR.	40 1939 /	1933	1937								
.D.		Y E E S E E E E E E E E E E E E E E E E	(mb) *	7.584470	DATA LOCATION	File Name/Header				ChlAM S/N	SAMPL	SALINITY								٠			:
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PROJECT & LEG	- 1-99 Livi	DATE JD=		0 W 1 7 S E P 9 9	JD/TIME			1		2 FLUOR SIN	CTD CONVERTED MONITOR VALUES												
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VESSEL		CONSC CAST # LATITUDE	DEG MIN	635716.13NJ401	SBE 9+ 09P89 1 6 6 0	PRESS SN 2 9 7 7 2	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	SOND SN 303		PRESSURE	ر م	2 10	3	4	5	9	7	8	<b>о</b>	10	12

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	į.					TIME	DRY	WET	SS3: TS A IJIBIEI	WIND	ьЕ	HTA:		STA.
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PRI TEMP SN	884	START DOWN			l	v								· · · · · · · · · · · · · · · · · · ·
SEC TEMP SN	889	АТ ОЕРТН			ł						ŏ	Cleaned air bleed valve	bleed val	e
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SEC COND SN	303	MPAR S/N	4 2 4 2		FLUOR S/N	S/N_1 5	3	ChIAM S/N	N/S		 	TRANS. S/N		
POS. TRIP			CTD CONVERTED MONITOR VALUES	VERTED	MONITOR	VALUES			SAN	SAMPLE BOTTLE	<u> </u>	SAMPLE BOTTLE NUMBER	TTLE NUI	MBER
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-	PRESSURE	URE	PRI. TEMP.	۵	SEC.	SEC. TEMP	SAI	SALINITY		SALINITY	SAL	NUTR.	S.	WHIT's NUTR.
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CONSC CAST#		LATITUDE		HONGITIDE	DATE .ID=	11	TIME	DRY BI II B	WET BIIB	BRESSURE EA STATE YSIBILITY	WIND	S S S S S S S S S S S S S S S S S S S	ВОТТОМ ВОТТОМ В В В В В В В В В В В В В В В В В В В		STA.
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SEC TEMP SN		889	АТ ОЕРТН			<u> </u>			l			Ö	Cleaned air bleed valve	bleed va	lve
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POS.	TRIP			стр со	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			SA SA	SAMPLE BOTTLE	<u> </u>	SAMPLE BOTTLE NUMBER	TTLEN	MBER
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		PRESSURE	URE	PRI. TEMP.	MP.	SEC. TEMP	EMP	SAL	SALINITY		SALINITY	SAL	L. NUTR.	. CHL.	WHIT'S NUTR.
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VESSEL				PROJEC MEDO 11	PROJECT & LEG		.C.1 8080	.D.		STATI	STATION DESIGNATION	NATION		
RV. Miller Freeman				INL S	  -   <i> </i>	-	+		-		*			
	m. The						<u> </u>	,	SAUS STATE YTIJ	(tms) Q	ЯЗН			
CONSC LAT	IATITUDE	FONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	SEA S	WIND WIND DIRN. SPD.	39YT FA3W	ВОТТОМ DEPTH	STA. NAME/ID	A. E/ID
DEG	MIN	DEG	MIN	DAY MO	ΥR	HR MIN	(0,)	().	*	(deg) (m/s)	*	Œ		
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SBE 9+ 09P89 1	0 9 9	TIMES	L/Qf	JD/TIME			DA	DATA LOCATION	NOI		REMARKS	S		,
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PROJECT & LEG DSDB I.D. STATION DESIGNATION MF99-11	DATE JD= (GMT) BULB BULB © SURN. SPD.	DAY   MO   YR   HR   MIN (°C)   (°C)   (mb)   ( "deg)   (m/s)   ("s)   ("deg)   (m/s)   ("s)   ("s	. 25w178EP99D439 7.6 7.0844706518855 60 68	JD/TIME DATA LOCATION REMARKS	Tape/Diskette ID File Name/Header	40024	Cleaned air bleed valve	MAX. DEPTH = 55 m	4 2 4 2 TRANS. S/N ChIAM S/N TRANS. S/N	CTD CONVERTED MÖNITOR VALUES  DATA  DATA	PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CHL. NUTR.	7 1961		A C961	7 6561	7 8261	7 7957 V					
PROJE	ONGITUDE	ıı			DATA ON	START DOWN	АТ DEPTH	AT SURFACE	2 4 2	CTD CONVERTED												
VESSEL RV Miller Freeman	TITUDE	DEG MIN DE	685723.55N 17	SBE 9+ 09P89 1 6 6 0 TIMES	PRESS SN 2 9 7 7 2 DAT	PRI TEMP SN 884 STA	SEC TEMP SN 889 AT D	PRI COND SN 530 AT S			PRESSURE	1 50	2 40	33	2	5 10	() 9	7	8	6	10	

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VESSEL RV Miller	VESSEL RV Miller Freeman	an			PR MF	PROJECT & LEG MF99-11	, LEG	DSDB I.D.	31.D.			STATION	N DESIG	STATION DESIGNATION	3.5	
			. ``								\JJI	(tms) C			manus expens	:
O S	CONSC CAST #	LATITUDE	LONG	LONGITUDE	DATE JE	=Qr	TIME (GMT)	DRY BULB	WET BULB	2EV 2. 6EP	VISIBII O'RN O'RN.	SP CLOUR	39YT ITA3W	BOTTOM DEPTH		STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁)	(၁့)	* (dm)	(deg) .	(s/u)	*	(E)		
-	6957	5724.72N	0/1	04.73 W17	8 7 V	SEP9	90504	7.0	6.5	778	7060	<u>رئ</u> م	5	3	<u>~</u>	69
SBE	SBE 9+ 09P89	1660	TIMES	, JOK	JD/TIME			Ö	DATA LOCATION	NOIT		<u>~</u>	REMARKS	S		·
PRE	PRESS SN	29772	DATA ON			1	Tape/Diskette ID	cette ID	匠	e Name	File Name/Header					
<u>R</u>	PRI TEMP SN	884	START DOWN	WN		1			1			[	3	0	75	4 4 1
SEC	SEC TEMP SN	889	АТ DEРТН	30		1	j		; 				Clean	Cleaned air bleed valve	ed valv	a)
<u>a</u>	PRI COND SN	530	AT SURFACE	-  -  -	• • • • • • • • • • • • • • • • • • • •				   			Σ	MAX. DEPTH =	PTH =	55	ш
SEC	SEC COND SN	303	MPAR S/N	4 2 4 2		N FLUOR S/N	R S/N 1 5	8 3	ChiA	ChiAM S/N			TRANS. S/N	S. S/N		, i
POS.	S. TRIP			ıl	NVERTE	MONITC	CTD CONVERTED MONITOR VALUES			S	SAMPLE BOTTLE	TLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUN	BER
	DEPTH								:		DATA	<u>.                                    </u>				
		PRESSURE	SURE	PRI. TEMP	MP.	SEC	SEC. TEMP	75	SALINITY	·	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Mille	VESSEL RV Miller Freeman				PR MF	PROJECT & LEG MF99-11	LEG	DSDB I.D.	I.D.	**	.s.	TATION I	STATION DESIGNATION	1933	
CONSC CAST #		LATITUDE	LONGITUDE	UDE	DATE JD=		TIME	DRY BULB	WET	SES STATE YTISISICITY	Wind Dirn Lira	S W NO (amt)	WEATHER BOTTOM DEPTH	MOT HT	STA. NAME/ID
	DEG		DEG N	MIN	DAY N	MO YR			1	*	(deg)	. (s/w)	۸ +	(c)	
7	70572	5725.95"1	17003	رو	~ ~ ~ ~	E P 9	90530	۲ 0	. 9	7447	055	318	5,	10	70
SBE 9	SBE 9+ 09P89 1	6 6 0 TIM	TIMES	JD/TIME	ME			DA	DATA LOCATION	NOI		REN	REMARKS		
PRESS SN	7	9772 DA	DATA ON				Tape/Diskette ID	ette ID	ii.	File Name/Header	eader				
PRI TE	PRI TEMP SN 8	884 ST	START DOWN	_		j		:					3	30M	9
SECT	SEC TEMP SN 8	889 AT	AT DEPTH		٠	]						<u> </u>	Cleaned air bleed valve	r bleed ۱	/alve
PRIC	PRI COND SN	530 AT	AT SURFACE									₩	MAX. DEPTH =	- 57	£
SECC	SEC COND SN		N PAR S/N	4 2 4 2		AELUOR S/N	R S/N 1 5	<sub>0</sub>	CHIAM S/N	N/S N			TRANS. S/N		
Pos.				CTD CO	CTD CONVERTED	-TII	MONITOR VALUES			SAN	SAMPLE BOTTLE	<u> </u>	SAMPLE BOTTLE NUMBER	OTTLE !	NUMBER
	ОЕРТН										DATA				
		PRESSURE	Œ	PRI. TEMP	MP.	SEC	SEC. TEMP	SA	SALINITY		SALINITY	SAL.	AL. NUTR.	R. CHL.	WHIT'S NUTR.
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VESSEL RV Mille	VESSEL RV Miller Freeman				₽ Æ	PROJECT & LEG MF99-11	LEG	DSDB 1.D.	Ġ.	(#8	STATI	ION DES	STATION DESIGNATION	74	
CONSC CAST #		LATITUDE	PNOG	LONGITUDE	DATE J	=Ot	TIME (GMT)	DRY	WET LE	PRESSURE SEA STATE VISIBILITY DIRENTE STATE	N. SPD. (amt)	CLOUD (amt)	<b>//</b> ВОТТОМ DEPTH		STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(0.)	(°C) (m			*	(w)		
Lt.	715729.	19.45N	~	7000.76W178	117s	Е Р 9	30000	5 7	6	8457065	519	/ / / / /	9	196	7/
SBE 9	SBE 9+ 09P89 1	1660	TIMES	JD/TIME	IME			DA	DATA LOCATION	N		REMARKS	KS		
PRESS SN	'	2 9 7 7 2	DATA ON			ı	Tape/Diskette ID	ette ID	File	File Name/Header					
PRI TE	PRI TEMP SN	884	START DOWN	N,									000	9	0
SEC T	SEC TEMP SN	889	АТ DEРТН							·		Clear	Cleaned air bleed valve	ed valve	os.
PRI C	PRI COND SN	530	AT SURFACE	ښ		•			  - 		:	MAX. DEPTH =	i	8	E
SECC	SEC COND SN	303	PAR S/N	4 2 4 2		MFLUOI	MFLUOR S/N 1 5	3	Chiam S/N	N/S		TRAN	TRANS. S/N		1
POS.	TRIP DEPTH			ıl	CTD CONVERTED	MONITO	OR VALUES			SAMPLE BOTTLE DATA	BOTTLE I'A	SAMI	SAMPLE BOTTLE NUMBER	LE NUM	BER
v		PRESSURE	SURE	PRI. TEMP.	MP.	SEC	SEC. TEMP	SAL	SALINITY	SALINITY	} }	SAL.	NUTR.	CHL	WHIT'S NUTR.
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	STA. NAME/ID		72		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	64	d valve	= <b>e</b>		SAMPLE BOTTLE NUMBER	WHIT'S CHL. NUTR.			`	,			7					
GNATION	ВОТТОМ БЕРТН	(m)	71	Ś		00 G	Cleaned air bleed valve		S. S/N	LE BOTTU	NUTR. O	1983	1980	/	1991	285	1979	(2.5)					
STATION DESIGNATION	ABHTABW	*	9 1	REMARKS		<u>.</u>	Clean	MAX. DEPTH =	TRANS. S/N	<u> </u>	SAL	2						-					
STA	WIND WIND SPD. CLOUD (amt)	(s/ш) (бер)	5515		Jer .					SAMPLE BOTTLE DATA	SALINITY								:				
*	SEA STATE YTIJIBISIV	*	4570	7	File Name/Header				z	SAMPL	SA		*										
	WET SSURE BULB PP	(°C) (mb)	6.984	DATA LOCATION	File N				ChIAM S/N	1	<u></u>						-						
DSDB I.D.	DRY W	) (o,)	J.	DATA	٥					<u>!</u>	SALINITY					•							
	TIME D	HR MIN (	£ 4490		Tape/Diskette ID		,		153	JES												60	-
r & LEG	11 (O)	YR HR	9066		Tape				FLUOR S/N	ITOR VALI	SEC. TEMP												
PROJECT & LEG MF99-11	- Ω <sub>C</sub> - α <sub>C</sub> -	/ MO	П						Z.	CTD CONVERTED MONITOR VALUES									-				
	DATE	DAY	3 w 1	JD/TIME					4 2	D CONVER	PRI. TEMP.						,					:	
	LONGITUDE	MIN	56.4		7	NWO	Ŧ	ACE	S/N 4 2	i												:	
	21	DEG	25 N 16956. 43 W 178	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	N PAR S/N	1	PRESSURE										-		
	LATITUDE	MIN		6 <b>6</b> 0.	97.72	884	889	530	303	,	PRES		25									,	
Freeman	LATI	DEG M	725734		2					TRIP DEPTH		65	50	202	30	ટ્ર	01	0		-			-
VESSEL RV Miller Freeman	CONSC CAST#		72	SBE 9+ 09P89 1	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.		-	2	ტ,	4	5	9	7	80	6	10	11	

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VESSEL				PROJECT	& LEG	DSDB I.D.	I.D.	0)	STATION D		MATION	,	*
RV Miller Freeman	man			MF99-11				75	130	0-10		C.	
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CONSC CAST #	LATITUDE	LONG	LONGITUDE	DATE JD=	(GMT)	DRY BULB	WEI WEB	WIND SISTEM SISTEM SIS	WIND OF SPD. CL		BOLLOM DEPTH	STA. NAME/ID	A. E/ID
DEG	MIN	DEG	MIN	DAY MO	YR HR MIN	(°C)	(am) (mp)	(deg)	* * (s/m)	*	(m)		
73573	4 4 - 7 ON	17004	4.69w	69W17SEP9	00100	0 7 0	6.1833	37350	90	9	و		73
SBE 9+ 09P89 1	660	TIMES	JD/TIME	ME		Ã	DATA LOCATION		<u> </u>	REMARKS			
PRESS SN	29772	DATA ON			Tape/Diskette ID	kette ID	File Na	File Name/Header	5-1-10 Hz-1-1	218	o/m		:
PRI TEMP SN	884	START DOWN	N N				į		[	\$0	,	; :	;
SEC TEMP SN	889	АТ ОЕРТН								Cleaned air bleed valve	air blee	ed valve	1
PRI COND SN	530	AT SURFACE	Щ. Н	!					MA	MAX. DEPTH =	T	50	E
SEC COND SN		PAR S/N	4 2 4 2		FLUOR S/N 1	5 3	ChIAM S/N	. 8		TRANS. S/N	N/S		,
POS. TRIP	$\vdash$		i	CTD CONVERTED MONI	TOR VALUES			SAMPLE BOTTLE	L	SAMPLE BOTTLE NUMBER	BOTTL	E NUME	SER
DEPTH	ŢŢ.			æ.				DATA			S.	W.	
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	VESSEL			PROJECT & LEG	-EG	DSDB1.D.	.D.		STAT	ON DES	STATION DESIGNATION		
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11				•		•	3808	<b>∃TAT</b>	(tms) C		• •		
	CONSC CAST #	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET BULB	SEA S VISIBII VISIBII DIRN	D WIND	CLOUI TYPE ITABW	BOTTOM DEPTH	STA. NAME/ID	A. E/ID
•	DEG	MIN	DEG MIN	DAY MO YR	HR MIN	(C)	(°C) (mb)		(s/ш) (I	۱. ا	(m)		
	7457	29.44 N	17000-75W	W (78EP99	1045	7.0	6.482	237350	8 ± 1 Q	9 8	60	0-	74
	SBE 9+ 09P89	1660	TIMES JD/	JD/TIME			DATA LOCATION	z		REMARKS	s)		
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,	PRI TEMP SN	884	START DOWN	,			ļ			ſ			
	SEC TEMP SN	889	АТ ОЕРТН		. :					Clean	Cleaned air bleed valve	ed valve	
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	SEC COND SN	303	MPARSIN 4 2 4	2 XFLUOR S/N	1.5	3	CHIAM S/N	Z		TRAN	TRANS. S/N		
•	POS. TRIP		ıl	WERTED		•		SAMPLE BOTTLE	30TTLE	SAMF	SAMPLE BOTTLE NUMBER	LE NUME	ER
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		PRESSURE	SURE PRI. TEMP		SEC. TEMP	SAI	SALINITY	SALINITY	ΙΤΥ	SAL.	NUTR.	CHL.	NUTR.
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VESSEL RV Miller Freeman	u			PR	PROJECT & LEG MF99-11	EG	DSDB I.D.	I.D.	۰	<u>S</u>	STATION DESIGNATION	30 - I	ATION _		
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CONSC CAST # L/	LATITUDE	ONG	TUDE		1	(GMT)	BULB		∀∃S	WIND DÍRN.	CLOU	VEA	DEPTH	NAN S	STA. NAME/ID
DEG	MIN	DEG	NIM	DAY	MO YR	HR	(၃)	<u>၁</u> (၃)	* (qm)	(deg)	(m/s) *	*	(E)		
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SBE 9+ 09P89 1	660	TIMES	L/QL	JD/TIME			Ď	DATA LOCATION	NO		REN	REMARKS			
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PRI TEMP SN	884	START DOWN	z								[	`			
SEC TEMP SN	889	АТ ОЕРТН			i							Cleaned air bleed valve	air blee	ed valve	dı .
PRI COND SN	530	AT SURFACE			 		h				MAX	MAX. DEPTH =	# H	56	٤
SEC COND SN	303	PAR S/N	4 2 4 2	2	FLUOR S/N	S/N_1 5	3	CHIAM S/N	N/S			TRANS. S/N	N/S		1
POS. TRIP DEPTH			CTD CC	CTD CONVERTED MONITOR VALUES	MONITOF	VALUES			SAN	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	ВОТТ	E NUM	BER
	PRESSURE	SURE	PRI. TEMP.	MP.	SEC.	SEC. TEMP	YS .	SALINITY		SALINITY	SAL		NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Mille	VESSEL RV Miller Freeman	· ·			<u>E</u>	PROJECT & LEG MF99-11	EG	DSDB I.D.	.E.D.	**		STATION DESIGNATION	DESIGN CANA	NOLA-		
								1.		BAUS: STATE		(tms) Ot	RER			
CONSC CAST #	,	LATITUDE	FONG	LONGITUDE	DATE J	20	TIME (GMT)	DRY BULB	WET BULB	SEA S	VIND VIRN.	SPD. CLOU		ВОТТОМ DEPTH	STA. NAME/I	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁့)	(၃)	* * (dm)	(geb)	(m/s) *	*	(m)		
1	6580	765804.03 N	E H&9 1	3 . 9,1 W	N178	E P 9	1 4 9 1	u K	3	(6 (0)	7035	0 33	त भ	4		76
SBE (	SBE 9+ 09P89	1660	TIMES	JD/	JD/TIME			Õ	DATA LOCATION	TION		RE	REMARKS			
PRES	PRESS SN	2 9 7 7 2	DATA ON			.	Tape/Diskette ID	ette ID.	Ī	File Name/Header	Header		0/0	'n	N8 1	, !
PRI T	PRI TEMP SN	884	START DOWN	۸۸		١		ļ		·						
SEC.	SEC TEMP SN	889	АТ БЕРТН						!				Cleaned	Cleaned air bleed valve	ed valve	
PRI C	PRI COND SN	530	AT SURFACE	y.								MA	MAX. DEPTH =	)	00	٤
SEC	SEC COND SN	303	PAR S/N	4	2	1 2 4 2 KELUOR S/N_1	S/N 1 5	3	ChIA	ChIAM S/N			TRANS. S/N	N/S		
POS	TRIP				ONVERTE	D MONITO	R VALUES		 	Ś	SAMPLE BOTTLE DATA	<u> </u>	SAMPLE	SAMPLE BOTTLE NUMBER	E NUM	BER
		PRES	PRESSURE	PRI. TEMP.	MP.	SEC.	SEC. TEMP	/S	SALINITY		SALINITY		SAL. N	NUTR.	CHL.	WHIT'S NUTR.
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a Jud 4 NAME/ID SAMPLE BOTTLE NUMBER Ε Cleaned air bleed valve CHL 4 STATION DESIGNATION (32. BOTTOM DEPTH 12.36 NUTR. 38 21 12 37 233 MAX. DEPTH = 12.34 233 1232 Ξ TRANS. S/N REMARKS 40 CH 8 142 ЯЭНТАЭМ SAL. YPE 7 S King (amt) (s/ш) (бер) SAMPLE BOTTLE WIND DIRN. SALINITY DATA File Name/Header VISIBILITY **STATS ASS** ₽ 0 0 0 (gm) ChIAM S/N DATA LOCATION WET BULB ပ္ပ SALINITY DSDB I.D. 0 DRY BULB ပ် Tape/Diskette ID 1 775751.16N 16852.46W178EP991824 HR MIN CTD CONVERTED MONITOR VALUES TIME (GMT) SEC. TEMP FLUOR S/N PROJECT & LEG Ϋ́R MF99-11 Q DATE JD= DAY JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE PAR S/N AT DEPTH DATA ON DEG TIMES PRESSURE 20 00 10 B 0 4 2 ~ LATITUDE 0 297 **9** 9 Z 530 303 884 889 RV Miller Freeman TRIP DEPTH DEG SEC COND SN SBE 9+ 09P89 SEC TEMP SN PRI COND SN PRI TEMP SN 3 9 20 8 PRESS SN CAST.# CONSC VESSEL POS. Ξ 12 10 N က 4 S 9 ω 6

PG 78 OF

12 WHIT's NUTR. STA. NAME/ID TRANS. S/N SAMPLE BOTTLE NUMBER Ε 22 Cleaned air bleed valve STATION DESIGNATION CH. 77 BOTTOM DEPTH  $\widehat{\mathbf{E}}$ NUTR. MAX. DEPTH = REMARKS WEATHER SAL. LVPE 7.08:1173200787 SPD (amt) (deg) (m/s) SAMPLE BOTTLE SALINITY DIRN. WIND DATA File Name/Header VISIBILITY Moor & Indian **SEA STATE** CHIAM S/N (gub) DATA LOCATION PRESSURE WET BULB ္ပ SALINITY ন ১ DRY BULB ပ္ပ Tape/Diskette ID 7. . 3 6WI 7SEP991936 YR HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP FLUOR S/N PROJECT & LEG MF99-11 Q DATE JD= DAY JD/TIME PRI. TEMP. LONGITUDE Z 4 START DOWN AT SURFACÉ 785751 12 NI 6852 PAR S/M АТ ОЕРТН DATA ON DEG TIMES PRESSUŘE 7 0 LATITUDE 297 9 Z 889 530 303 884 9 SBE 9+ 09P89 1 RV Miller Freeman TRIP DEPTH DEG PRI COND SN SEC COND SN SEC TEMP SN PRI TEMP SN PRESS SN CONSC CAST # VESSEL POS. 7 9 7 က ß 9 ω Ø

VESSEL RV Miller	VESSEL RV Miller Freeman	n				PROJEC MF99-11	PROJECT & LEG MF99-11	EG	DSDB I.D.	I.D.			ST/	ATION	DESIGNA	STATION DESIGNATION 133-1		
														(amt)	Rah			
6 S	CONSC CAST #	LATITUDE	LONG	LONGITUDE	DAT	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESS 12 A 32	SEA ST VISIBIL	WIND WIN DIRN. SPI	SP CLOUD CLOUD TYPE	ITA3W	BOTTOM DEPTH	STA. NAME/ID	A. E/ID
	DEG	MIN	DEG	MIN	DAY	۲ MO	Ϋ́R	HR MIN	(၁့)	(၁ <sub>၈</sub> )	* (qm)	*	(s/ш) (bap)	* * (S	*	(m)		
	795739.	39.28 N	16901	-	37 W ZE	SEP	6	52 0 G	0.0	₹. Co	5 1 3	5,0	7080 1	ക	<b>८</b> ≠	70		79
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SEC	SEC TEMP SN	889	АТ ОЕРТН						X6	İ					Seaned	Cleaned air bleed valve	d valve	1
PRI	PRI COND SN	530	AT SURFACE	<u> </u>										MA	MAX. DEPTH =	_	65	E
SEC	SEC COND SN		MPAR S/N	4 2 4	2	<u> </u>	FLUOR S/N	S/N 1 5	3	CHIAM S/N	N/S/N				TRANS. S/N	N/S .		
POS	TRIP DEPTH				CTD CONVERTED	III—	NITOR	MONITOR VALUES				SAMPL	SAMPLE BOTTLE	<u> </u>	SAMPL	SAMPLE BOTTLE NUMBER	E NOME	SER
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·····		PRESSURE	URE	PRI. TEMP	EMP.		SEC. TEMP	TEMP	SAI	SALINITY	, 	SAI	SALINITY	SAL	زِ	NUTR.	CHL	WHIT's NUTR.
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VESSEL RV Miller Freeman	_			PR.	PROJECT & LEG MF99-11	LEG	DSDB I.D.	I.D.		:	STATIC 73	TION DESI 34-1	STATION DESIGNATION	z	
		ż				-					(tms) (			The second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the second section of the sec	
CONSC CAST # LA	LATITUDE	LONG	LONGITUDE	DATE JD=	=(	TIME (GMT)	DRY BULB	WET BULB	SEBA9 SEAS	VISIBII D WIN D RN D RN D RN D RN D RN D RN D RN D R		39YT ITA3W	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(°C)	(၃)			* (s/m)		(m)		
805#4	805745.96N	16827	7.87 W	175E	E P 9 9	225	9	0	7	784	30	100	77		B
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PRI TEMP SN	884	START DOWN	NA	,				ا					604	<b>3</b>	- :
SEC TEMP SN	889	АТ ОЕРТН					·	. <b>!</b>				Clean	Cleaned air bleed valve	eed valv	Ф
 PRI COND SN	530	AT SURFACE	,   		I [							MAX. DEPTH =	PTH =	65	Æ
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POS. TRIP DEPTH			CTD CO	NVERTED	MONITO	CTD CONVERTED MONITOR VALUES			0)	SAMPLE BOTTLE DATA	TTLE	SAMF	SAMPLE BOTTLE NUMBER	ILE NUN	BER
i i					,										
	PRESSURE	URE	PRI, TEMP	MP.	SEC	SEC. TEMP	SA	SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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9	,		÷	,			, ,	,				Ì	1247	1	
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				PRO	IFCT & 1 F	C.	FG DSDB1D	   	1		STATION	DESIGN	ATION	
RV Miller Freeman	Freeman			MF99	MF99-11	,		<u>:</u>		:	135-1	2-1-5		
		:	١				,		ЭТАТ		(tms) C	ЯЗН		
CONSC CAST #	LATITUDE	LON LON	LONGITUDE	DATE JD=	<del></del>	TIME (GMT)	DRY BULB	WET	SBR9 8 A38 18181V	WIND DIRN.	SPD CLOUI	∃9YT TA∃W P	BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	DEG	MIN	DAY MO	YR	HR MIN	(°C)	П		(deb)	(m/s)		(m)	
200	233.0	05N1673	9	94W188E	P 9 9.	7510	4	6.70	8 1 37	320	1 887	E 9/	12	90
SBE 9+ 09P89	9P89 1 6 6 0	TIMES	JD/TIME	IME			á	DATA LOCATION	NOI		RE	REMARKS		
PRESS SN	2977	2 DATA ON			<u> </u>	Tape/Diskette ID	tte ID	File	File Name/Header	leader				
PRI TEMP SN	SN 884	START DOWN	NW.	•	<b></b>							20	79 0	
SEC TEMP SN	IP SN 889	АТ БЕРТН										Cleaned	Cleaned air bleed valve	valve
PRI COND SN	D SN 530	AT SURFACE	   					 			MΑ	MAX. DEPTH =	H=65	
SEC COND SN		MPAR S/N	4		FLUOR S/N	1,N1 5	е г	ChIAM S/N	N/S I			TRANS. S/N	N/S	
Pos.	TRIP DEPTH	4 1 1		CTD CONVERTED MONITOR VALUES  O O T	SONITOR	VALUES O 7		 ]] T	SA	SAMPLE BOTTLE DATA	<u>                                     </u>	SAMPLE	SAMPLE BOTTLE NUMBER	NUMBER
		PRESSURE	PRI. TEMP.	MP.	SEC. TEMP	EMP	SA	SALINITY		SALINITY	<u>.</u>	SAL. NI	NUTR: CHL.	WHIT'S L. NUTR.
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STATION DESIGNATION	ВОТТОМ DEPTH	Œ a	S		0-0	Cleaned air bleed valve	PTH =	TRANS. S/N	SAMPLE BOTTLE NUMBER	NUTR.	1366	1365	1364	1263	2007	1261	1260						1360
NO DESI	MEATHER	. 9	REMARKS		3	Clean	MAX. DEPTH =	TRAN	SAMP	SAL.	3				*					1			
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×	SEA STATE YTIJIBI2IV	Λ, Έ,		File Name/Header					SAM	0,													tun was
	PRESSURE	QE C	ATION	=ile Na				ChIAM S/N															twa
	WET BULB	() ()	DATA LOCATION					<u>ਵ</u>	    	SALINITY						•			-			-	7/
DSDB I.D.	DRY BULB	δ Ο	۵	tte ID				3		\S					,								1 570
o l	TIME (GMT)	HR MIN		Tape/Diskette ID				N 1 5	CTD CONVERTED MONITOR VALUES	EMP						· .							5 Hu wecols
ROJECT & LEG IF99-11		7R 9		<u> -</u>				FLUOR S/N	NITOR \	SEC. TEMP													7
PROJEC MF99-11		S E P					f		ED MO	ļ	,	<del></del>							_				2
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	LONGITUDE	-21			OWN	I	ACE	N/														:	
	S)	DEG 72	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR S/N	7	 													
		Z	-	2 D	SO.	∢	<b>▼</b>			PRESSURE								٠					
	LATITUDE	MIN CO	0 9 9	977	884	889	530	303		<u> </u>													
VESSEL RV Miller Freeman				2			- 1	l	TRIP		65	50	Ö	20	20	0	C						
VESSEL RV Miller F	CONSC CAST #	P 3 S	€0 +6 ∃	PRESS SN	PRI TEMP SIN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.	<del></del>	_	2	8	4	2	9	7	8	6	10	11	12	
<u>&gt;</u> &	00	. ^ [	<u> </u>	<u> </u>	<u>ā</u>	<u> </u>	ŭ	SE	امِ	<u></u>													

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VESSEL			<u>ā.</u>	PROJECT & LEG	ဂ္ဌ	DSDB 1.D.		*	STATIC	N DESK	SNATION	
RV Miller Freeman	n iii	`	Σ	MF99-11			20	総		137	137-1	
		5				:*	SURE	3TAT	(lms) C			
CONSC CAST # L	LATITUDE	LONGITUDE	DATE	=Qr	TIME (GMT)	DRY BULB	WET SE BULB	SEA S VISIBII DIRIN DIRIN		39YT TA3W	BOTTOM DEPTH	STA. NAMEND
DEG	MIN	DEG MIN	DAY	MO YR	HR	(0,0)	Ţ	<u>.</u>			(m)	
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SBE 9+ 09P89 1	1660	TIMES	JD/TIME	,		DA	DATA LOCATION	, <b>Z</b>	<u>IE</u>	REMARKS	S,	
PRESS SN 2	2 9 7 7 2	DATA ON			Tape/Diskette ID	te ID	File	File Name/Header	!	75	45 0	4
PRI TEMP SN	884	START DOWN							! 	<b>,</b>		I. I. II.
SEC TEMP SN	889	AT DEPTH			250				<u></u>	Cleane	Cleaned air bleed valve	d valve
PRI COND SN	530	AT SURFACE						• -	ا جا	MAX. DEPTH =		59 m
SEC COND SN		M PAR S/N 4	2 4 2	KFLUOR S/N	LC.	3	CHIAM S/N	Z		TRANS. S/N	S. S/N	
POS TRIP DEPTH			CTD CONVERTED	D MONITOR VALUES	<u>VALUES</u>			SAMPLE BOTTLE DATA	OTTLE OTTLE	SAMP	LE BOTTL	SAMPLE BOTTLE NUMBER
	PRESSURE		PRI. TEMP.	SEC. TEMP	EMP	SAL	SALINITY	SALINITY		SAL.	NUTR.	WHIT'S CHL. NUTR.
58										4	1273	
2 50	Z	m.,									1272	>
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VESSEL RV Miller Freeman	n	·		PROJECT & LEG MF99-11	r & leg	DSDB 1.D.	I.D.		STATI	STATION DESIGNATION (38-	NO.
		2				, , , ,		3TAT	(amt)		4
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY	WET BULB	VISIBIL OF WIND SEA S		WEATH DEPTH	DM STA H NANEYD
DEG	MIN	DEG M	MIN	DAY MO	YR HR MIN	(°C)	(°C) (mb)				
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SBE 9+ 09P89 1	1660	TIMES	JD/TIME	UΊ		DA	DATA LOCATION	Ž		REMARKS	
PRESS SN 2	29772	DATA ON			Tape/Diskette ID	cette ID	File	File Name/Header	<u> </u>	59 0	0
PRI TEMP SN	884	START DOWN	22			7			·	7	
SEC TEMP SN	889	АТ DEРТН		,	3		· · · · · · · · · · · · · · · · · · ·		 	Cleaned air bleed valve	oleed valve
PRI COND SN	530	AT SURFACE				*				MAX. DEPTH =	60
SEC COND SN	303	PAR S/N	4242	MFLL	FLUOR S/N 1 5	5 3	CHIAM S/N	N.		TRANS. S/N	1000
POS. TRIP DEPTH	l3	] ]	CTD CONVERTED		MONITOR VALUES		]	SAMPLE BOTTLE DATA	BOTTLE I'A	SAMPLE BO	SAMPLE BOTTLE NUMBER
	а М М М М М	E SE	PRI TEMP		SEC. TEMP	AS.	SALINITY	SALINITY	<u> </u>	SAL. NUTR.	CHL NUTR.
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PG 850F

VESSEL RV Miller Freeman		,	PROJECT & LEG MF99-11	T & LEG	DSDB I.D.	l.D.	23	STAT	ON DESI	STATION DESIGNATION	
	is the second						3TAT	(1ms) C		*	
CONSC CAST # LATITUDE	TONG	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET 6	PRESSERIE WIND VISIBILI WIND		CLOUI TYPE ITA∃W	BOTTOM DEPTH	STA
DEG MIN	DEG	MIN	DAY MO	YR HR MIN	(°C)	(°C)	*	(s/w) (sep)	,	(m)	
855652.36N	1,64 03	W-2-45	(XSEP	9:9 11539	8.7	30.00	0867668	9	50 180	72	89
SBE 9+ 09P89 1 6 6 0	TIMES	JD/TIME	A H		/Q	DATA LOCATION	N.		REMARKS	S	
PRESS SN 2 9 7 7 2	DATA ON			Tape/Diskette ID	cette ID	File	File Name/Header				y
PRI TEMP SN 884'	START DOWN	Z.			ā	İ			<u>.</u> ;		
SEC TEMP SN 889	АТ ОЕРТН			65. E					Clean	Cleaned air bleed valve	d valve
PRI COND SN 530	AT SURFACE		_						MAX. DEPTH =	$\mathbf{c}$	10
SEC COND SN 303	PAR S/N	4242	Z F	FLUOR S/N 1 5	5 3	CHIAM S/N	N/S		TRAN	TRANS. S/N	
$\overline{}$		CTD CONVERTED	VERTED MON	IITOR VALUES			SAMPLE	SAMPLE BOTTLE	SAMF	SAMPLE BOTTLE NUMBER	E NUMBER
H H H			*				#G	DAIA			Omyer
- PRES	PRESSURE	PRI. TEMP		SEC. TEMP	δS	SALINITY	SALI	SALINITY	SAL.	NUTR. C	CHL. NWITE.
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11 320 21				123		11					>
12 00 0		<b></b>		:							>

PG **36** OF \_\_\_\_

VESSEL RV Miller Freeman	u			<u>α. Σ</u>	PROJECT & LEG MF99-11	LEG	DSDB 1.D.	Ġ.	3	STAT	TION DES	STATION DESIGNATION	z ý	
					į			3011	∃TA		(smt)	:		**
	LATITUDE	LONGITUDE	TUDE	DATE JD=	=Or	TIME (GMT)	DRY BULB	WET 6	PRESSI VISIBILI <u>©</u> ≶	WIND WIND DIRN. SPD.	WIND CLOUD TYPE TYPE TYPE	ă		STA. NAME/IU
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(°C)	(°C)	*	(geb) (m/s)	*		-	
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SBE 9+ 09P89 1	0 9 9	TIMES	JD/T	JD/TIME			DA	DATA LOCATION	NC		REMARKS			
PRESS SN 2	9772	DATA ON	′ .			Tape/Diskette ID	ette ID	File	File Name/Header	er	3	6 5°	۰	
PRI TEMP SN	884	START DOWN	z								7			
SEC TEMP SN	889	АТ ОЕРТН	N.								Clear	ned air bl	Cleaned air bleed valve	· ·
PRI COND SN	530	AT SURFACE	,,,		] [		,				MAX. DEPTH =	EPTH =	<u>_</u>	· E
SEC COND SN	303	PAR S/N	4242		FLUOR S/N	S/N 1 5	3	CHIAM S/N	N/S		TRA	TRANS. S/N		
POS. TRIP	, .		стр со	CTD CONVERTED		MONITOR VALUES			SAMPL	SAMPLE BOTTLE	SAMI	PLE BOT	SAMPLE BOTTLE NUMBER	BER
H H H			,							DATA		;		المراجعة
	PRESSURE	URE	PRI. TEMP.	ΜP	SEC	SEC. TEMP	SAL	SALINITY	SAL	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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