VESSEL RV Miller Freeman	E			PR	PROJECT & LEG MF99-1⊁.2	& LEG	DSDB 1.D.	1.D.	ē	STATI	ON DES	STATION DESIGNATION	Z-	
									∃TÀT	(tms) (
	LATITUDE	LONGITUDE	TUDE	DATE JE	=QC	TIME (GMT)	DRY BULB	WET SS BULB R	SEA S' VISIBII DIRI DIRI DIRI DIRI DIRI DIRI DIRI	SPD.	CLOUI TYPE ITABW	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO Y	YR HR MIN	(0,0)	(°C) (mb)	*	* (s/m)	. *	(m)		
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SBE 9+ 09P89 1	1660	TIMES	JD/TIME	ME			Q	DATA LOCATION	7		REMARKS	∇	MOL	
PRESS SN 2	29772	DATA ON			١	Tape/Diskette ID	kette ID	File N	File Name/Header					
PRI TEMP SN	884	START DOWN	z		.					-				
SEC TEMP SN	889	АТ ОЕРТН	4		 					- 	Clear	Cleaned air bleed valve	eed valv	d
PRI COND SN	530	AT SURFACE		'						<u>. </u>	MAX. DEPTH =	EPTH =	20	٤
SEC COND SN	303	PAR S/N	4 2 4 2		FLUC	FLUOR S/N 1 5	5 3	CHIAM S/N		,	TRAN	TRANS. S/N		
POS. TRIP DEPTH			CTD COI	NVERTE	MONIT	CTD CONVERTED MONITOR VALUES			SAMPLE BOTTLE DATA	OTTLE \	SAMI	SAMPLE BOTTLE NUMBER	TLE NUN	BER
		-												
	PRESSURE	URE	PRI. TEMP	ΔP.	SE	SEC. TEMP	SA	SALINITY	SALINITY	<u></u> <u>}</u>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller Freeman	ne			PR MF	PROJECT & LEG MF9912	<u></u>	DSDB I.D.	.i.D.			STATIC	ON DES	STATION DESIGNATION	N C	ړ
CONSC CAST # L	LATITUDE	LON	LONGITUDE	DATE JD=	. Д	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY O WIND RRN O RN O RRN O RN O RN		CLOUD (amt) TYPE	BOTTOM DEPTH	N AN	STA. NAME/ID
DEG	MIN	DEG	Z	DAY	MO YR	HR MIN	(၃)	(O _e)	* (dm)	(deg)	* (s/m)	*	(m)		
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SBE 9+ 09P89	16 6 0	TIMES	JD/TIME	IME			70	DATA LOCATION	NO		<u> </u>	REMARKS	S)		
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SEC TEMP SN	889	АТ ОЕРТН			·							Clean	Cleaned air bleed valve	eed valv	e e
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SEC COND SN	303	PAR S/N	4 2 4	2	FLUOR 5	S/N1 5	က	CHIAM S/N	N/S			TRAN	TRANS. S/N		
POS. TRIP DEPTH			СТБ СО	CTD CONVERTED	MONITOR VALUES	VALUES]]	S	SAMPLE BOTTLE DATA	TTLE	SAME	SAMPLE BOTTLE NUMBER	TLE NUN	ABER .
	PRESSURE	URE	PRI. TEMP	:MP.	SEC. TEMP	EMP	YS	SALINITY	<u> </u>	SALINITY	_	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller Freeman	-		PROJECT & LEG MF9912	T & LEG	DSDE	DSDB I.D.		STATIC	ON DESI	STATION DESIGNATION	-60	
21	PON	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET SSOUR BULB PR	SEA STATE VISIBILITY DIRN NO	WIND SPD. CLOUD (amt)	MEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG MIN	DEG	MIN	DAY MO	YR HR MIN	(°C)	(°C) (mb)	*		*	(m)	,	
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SBE 9+ 09P89 1 6 6 0	TIMES	JD/TIME	IME		۵	DATA LOCATION	z	<u></u>	REMARKS	S)	*	
PRESS SN 2 9 7 7	2 DATA ON			Tape/D	Tape/Diskette ID	File	File Name/Header					
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SEC TEMP SN 889	АТ DЕРТН								Clean	Cleaned air bleed valve	ed valve	
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		CTD CO	CTD CONVERTED MON	MONITOR VALUES	8		SAMPLE BOTTLE	11.E	SAMP	SAMPLE BOTTLE NUMBER	E NUM	BER
DEPTH							DATA					
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VESSEL RV Miller Freeman	-reeman			₫ ≥	PROJECT & LEG MF9912	LEG	DSDB I.D.	.i.o.			STATIC	N DESI	STATION DESIGNATION	_,	
CONSC	, ACI 111.T △	L C	u G	- HAG	<u> </u>	TIME	DRY	WET R	BAUSSBAGE EA STATE	YTIJIBISI' V SV V SV V SV V SV V SV V SV V SV V S	S S S S S S S S S S S S S S S S S S S	JAY ABHTABV	BOTTOM		STA.
_	DEG MIN	DEG	MIN	DAY	MO YR	<u> </u>	(S)	\top	S *	(deg)	0 * (s/m)	1 *	(E)		
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SBE 9+ 09P89	9P89 1 6 6 0	TIMES	JD/TIME	IME			/Q	DATA LOCATION	NOI.		<u>«</u>	REMARKS	S		
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PRI TEMP SN	SN 884	START DOWN	Z Z			į						(3	>_	11	Son
SEC TEMP SN	P SN 889	АТ ОЕРТН			,							Cleane	Cleaned air bleed valve	ed valv	9
PRI COND SN	SN 530	AT SURFACE	ш.		, [_≥_	MAX. DEPTH =	PTH =	2	m
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POS.	TRIP DEPTH		СТD СО	CTD CONVERTED	DIMONITO	OR VALUES			75	SAMPLE BOTTLE DATA	HTE.	SAMPI	SAMPLE BOTTLE NUMBER	LE NUN	BER
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PG	STATION DESIGNATION	BOTTOM	(m)	4	1	01/2		ed air b	= HTH	TRANS. S/N_	LE BOT	NUTR.	ራ	7	e	5	2	8	b	1				
	on DES	LOUD (amt) 39Y ABHTAB	⊥ *	1	REMARKS	9		Clean	MAX. DEPTH =	TRAN	SAME	SAL.	23											
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206		ON A		FO 35		leader					SAMPLE BOTTLE DATA	SALINITY										*		
5		RESSURE FA STATE SIBILITY	S +	- C	NO	File Name/Header					SA	, , , , , , , , , , , , , , , , , , ,								-				
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After Deploying Moore 2		TIME	HR MIN	660000000000000000000000000000000000000		Tape/Diskette ID				1 5	ALUES	MP												
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,	PROJECT & LEG MF9912	<u>•</u>	S S	SEP							CTD CONVERTED MONITOR VALUES				,									
		L F	DAY		JD/TIME					2	ONVERT	EMP.												
		<u>r</u>	MIN	- で M	/ar					4 2 4	CTD C(PRI. TEMP.												
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	VESSEL RV Miller Freeman	چ چ	" DFG	656	SBE 9+ 09P89	S SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		Ω	50	T.	90	96	36	6	S				
	VESSEI RV Mille	CONSC	5	(1.1)	SBE 9	PRESS SN	PRI T	SEC 1	PRIÇ	SEC (POS.		-	2	3	4	5	9		ω,	6	10	11	,

1 F 10 Awseing Recovery	DSDB I.D. STATION DESIGNATION	DRY WET SO WIND WIND O DE THE STA. BULB BULB ROTTOM STA. NAME/ID	(m) * * * (mb) * * (deg) (m/s) * * (m) (0°)	1 7 8 7 090370001511 1 52CTDM 7	DATA LOCATION REMARKS	kette ID File Name/Header		Cleaned air bleed valve	MAX. DEPTH = 4 00 m	5 3 CHIAM S/N TRANS. S/N	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL. NUTR. CHL. NUTR.												
1 F10 A	PRÓJECT & LEG MF9912	DATE JD= (GMT)	MO YR F	1/8EP99052H	· 	Tape/Diskette ID				FLUOR S/N_1	/ERTED MONITOR VALUES	SEC. TEMP										,	-	
		LONGITUDE		16323.97WD	TIMES JD/TIME	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	PAR S/N 4 2 4 2	CTD CONVERTED	URE PRI. TEMP.				Trans. III								•
	VESSEL RV Miller Freeman	CONSC CAST # LATITUDE	DEG MIN	75723.79N	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	SEC COND SN 303	POS. TRIP DEPTH	PRESSURE	1	2	3	4	5	9	7	8	6	10	11	

VESSEL RV Millei	VESSEL RV Miller Freeman	an.				PROJECT & LEG MF9912	& LEG	DSDB I.D.	31.D.		STAT	TION DES	STATION DESIGNATION	z	
CONSC	O O						TIME	VBC		SSURE TATE TITE	(ims) aU	(Jms) QU 3 A3HT/	MOLLO		V H
CAST#		LATITUDE	LON(LONGITUDE		JD=		_		A3S ISIV		qYI	DEPTH		NAME/ID
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SBE (SBE 9+ 09P89	1660	TIMES	J.	JD/TIME			Õ.	DATA LOCATION	NO		REMARKS	KS		
PRES	PRESS SN	29772	DATA ON	. 			Tape/Diskette ID	ette ID	File	File Name/Header	6	070	N		
PRIT	PRI TEMP SN	884	START DOWN	ŻM					·						
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PRIC	PRI COND SN	530	AT SURFACE	CE	8	 						MAX. DEPTH =	EPTH =		E .
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POS.				CTDC	CTD CONVERTED		MONITOR VALUES			SAMPLE	SAMPLE BOTTLE	SAMF	SAMPLE BOTTLE NUMBER	LE NUM	BER
	DEPTH				:			,		۵	DATA				
		PRESSURE	URE	PRI. TEMP	EMP.	SE	SEC. TEMP	SA	SALINITY	SAL	SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.
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VESSEL RV Miller Freeman	c			PR	PROJECT'& LEG MF9912	EG DSDB-I-B.	DSDB	2 -ĕ.		STA	TION DES	STATION DESIGNATION	7	
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	LATITUDE	LONG	LONGITUDE	DATE JD	.	TIME (GMT)	DRY BULB	WET BULB	SEA ST	WIND WINDOUD	CLOUD TYPE WEATH	ВОТТОМ		STA. NAME/ID
DEG	MIN	DEG	MIN		MO YR	HR MIN	(0,0)	٦	*		*		\vdash	
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SBE 9+ 09P89 1	0 9 9	TIMES	JD/TIME	IME			DA	DATA LOCATION	Z		REMARKS	KS		
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PRI COND SN	530	AT SURFACE	E]						MAX. DEPTH =	EPTH =	70	٤.
SEC COND SN	303	PAR S/N	4242	_	FLUOR S/N	S/N_1 5	3	ChIAM S/N	z		TRAN	TRANS. S/N		
POS. TRIP DEPTH			CTD CO	CTD CONVERTED	MONITOR	MONITOR VALUES]	SAMPL	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	URE	PRI. TEMP.	Ω̈́	SEC.	SEC. TEMP	SAI	SALINITY	SAI	SALINITY	SAL.	NUTR.	OH.	WHIT'S NUTR.
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VESSEL RV Miller Freeman				PRO	PROJECT & LEG	ဂ္ဌ	DSDB1.D.	.D.			STATIC	N DES	STATION DESIGNATION	NO.	6,8
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CONSC CAST # LATITUDE	UDE	LONGITUDE		DATE JD=	4	TIME	DRY	WET	NSIBII EV 2. SEE2	WIND	WIND Sp. COUR	WIND COUE YPE TABY	BOTTOM		STA.
DEG	_	DEG MIN	_	≥	YR (HR MIN	(0)		3 .	(ded)	(m/s)	Λ. 1 •		+	
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PRI TEMP SN 884		START DOWN										5	10	63	
SEC TEMP SN 889		АТ DЕРТН										Clean	Cleaned air bleed valve	leed val	ve ve
PRI COND SN 530		AT SURFACE				٠		 ,			_≥	MAX. DEPTH =	PTH ≈	561	E
SEC COND SN 303		PAR S/N	4242		FLUOR S/N	5		CHIAM S/N	N/S			TRAN	TRANS. S/N_		
			CTD CONVERTED	VERTED N	MONITOR VALUES	VALUES			VS S	SAMPLE BOTTLE		SAMF	SAMPLE BOTTLE NUMBER	TLE NU	MBER
DEPTH										DATA					
	PRESSURE	JRE	PRI. TEMP.	MP.	SEC. 1	TEMP	SAL	SALINITY		SALINITY		SAL.	NUTR.	F.	WHIT'S NUTR.
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560 (AD?) Recovery

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WHIT's NUTR. NAME/ID SAMPLE BOTTLE NUMBER Ε Cleaned air bleed valve CHĽ. NO 9. BOTTOM STATION DESIGNATION DEPTH NUTR. MAX. DEPTH = TRANS. S/N REMARKS **MEATHER** 1856 WEATHER CLOUD (amt) SPD: SAL. (A) (deg) (m/s) SAMPLE BOTTLE SALINITY WIND DIRN. DATA 8.90447326 File Name/Header VISIBILITY **SEA STATE** (mb) ChIAM S/N DATA LOCATION WET BULB (၃) SALINITY DSDB I.D. 0 DRY BULB ပ္ Tape/Diskette ID 1 5 HR MIN 5620.17N16920.43W33SEP99193 TIME (GMT) CTD CONVERTED MONITOR VALUES FLUOR S/N SEC. TEMP PROJECT & LEG ΥR MF9912 Q M DATE JD= DAY JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE PAR S/N AT DEPTH DATA ON DEG TIMES PRESSURE LATITUDE 2 9 7 SBE 9+ 09P89 1 6 6 MIN 889 530 303 884 RV Miller Freeman DEPTH DEG SEC COND SN SEC TEMP SN PRI COND SN TRIP PRI TEMP SN PRESS SN CAST # CONSC VESSEL POS. 10 1 12 6 α က 4 S ဖ ω

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VESSEL RV Miller Freeman				PROJEC MF9912	PROJECT & LEG MF9912		DSDB 1.D.	.D.		S	STATION DESIGNATION	SIGNATIO	Z	
CONSC CAST# LAT	LATITUDE	LONGITUDE	TUDE	DATE JD=		TIME (GMT)	DRY	WET	BTATS ABS YTIJIBISIN	WIND DIRN.	W W W W W W W W W W W W W W W W W W W	NEATHER BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY MO	YRH	HR MIN	(°C)		, ((deg)	L,		-	1
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SBE 9+ 09P89 1	0 9 9	TIMES	JD/TIME	IME			DA	DATA LOCATION	NO		REMARKS	RKS		14
PRESS SN 2	9772	DATA ON			<u> </u>	Tape/Diskette ID	te ID	File	File Name/Header	₃ader				-
PRI TEMP SN 8	884	START DOWN	7											1
SEC TEMP SN 8	889	АТ ОЕРТН		-		ę		 			ဗီ	Cleaned air bleed valve	leed valv	ø
PRI COND SN 5	530	AT SURFACE				i		[MAX.	MAX. DEPTH = 1	9	٤
SEC COND SN 3	303	PAR S/N	4 2 4 2		FLUOR S/N	1 5	e e	ChIAM S/N	S/N		TR	TRANS. S/N		
POS. TRIP			CTD CO	CTD CONVERTED MONITOR VALUES	NITOR V	ALUES			SAM	SAMPLE BOTTLE	<u>ļ</u>	SAMPI E BOTTI E NI IMBER	A H I	ARFR
		:	4						5	DATA)		
	PRESSURE	SURE	PRI. TEMP	MP.	SEC. TEMP	MP	SAL	SALINITY		SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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CAS	CONSC CAST # L	LATITUDE	LONG	LONGITUDE	DATE JD	. =0	TIME (GMT)	, DRY BULB	WET	JESBAG SEA ST/ VISIBILI	WIND	NO ON O	YPE VEATH	BOTTOM	STA. NAME/ID	
	DEG	MIN	DEG	MIN	,		YR HR MIN	<u> </u>	Τ	*	(deg)	(m/s)	۸.	(E)		
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PR E	PRESS SN	2 9 7 7 2	DATA ON]		١	Tape/Diskette ID	cette ID	File	File Name/Header	leader	·				•
PR	PRI TEMP SN	884	START DOWN	۷N	:	· '	-									: 1
SEC	SEC TEMP SN	889	АТ ОЕРТН	, ,			v		 				Cleane	Cleaned air bleed valve	d valve	,
PR	PRI COND SN	530	AT SURFACE	具		 			 		,	¥	MAX. DEPTH =	_H = H_		٤
SEC	SEC COND SN	303	PAR S/N	4	<u> </u>	FLUO	FLUOR S/N 1 5	3 3	ChIAM S/N	N/S			TRANS. S/N	S/N		
POS.				CTD CO	CTD CONVERTED	MONIT	MONITOR VALUES			SAI	SAMPLE BOTTLE		SAMPL	SAMPLE BOTTLE NUMBER	E NUMBE	ER
	DEPTH						,			··-	DATA		12			
·		PRESSURE	URE	PRI. TEMP	MP.	SE	SEC. TEMP	SA	SALINITY		SALINITY	Ŋ	SAL. N	NUTR. O	CHL. W	WHIT'S NUTR.
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VESSEL RV Miller Freeman	an			PR MF	PROJECT & LEG MF9912	EG	DSDB I.D.	I.D.		<i>(</i>)	STATION DESIGNATION	DESIGN	NATION		
	LATITUDE	PON	LONGITUDE	DATE JC	=Or	TIME (GMT)	DRY BULB	WET	PRESSURE TATE ABS YEIBILITY	WIND DIRN.	S W S W S W S W S W S W S W S W S W S W	MEATHER W EATHER	ВОТТОМ	STA. NAME/ID	- CI/S
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၃)	(O ₀)	*	(deg)	(m/s) *		(E)		
1455	5502.60 N	1891	0 . 0 0 w 2 S	_\omega_	E P 9 9	0624	09.60	7	1837	310	١٦ ٧	4/	493		7
SBE 9+ 09P89		TIMES	T/Qf	JD/TIME			DA	DATA LOCATION	ION		RE	REMARKS			
PRESS SN	2,9772	DATA ON			ı	Tape/Diskette ID	ette ID	File	File Name/Header	eader					
PRI TEMP SN	884	START DOWN	NM					,							
SEC TEMP SN	889	АТ ОЕРТН		,	,] 				Cleaned	Cleaned air bleed valve	valve	
PRI COND SN	530	AT SURFACE	CE					 			∑	MAX. DEPTH =	# # #	:	
SEC COND SN	303	PAR S/N	4 2 4	2	FLUOR S/N	S/N_1 5	က	CHIAM S/N	S/N			TRANS. S/N	N/S		
POS. TRIP			CTD CO	CTD CONVERTED	MONITOR VALUES	VALUES			SAI	SAMPLE BOTTLE	<u>]</u>	SAMPLE	SAMPLE BOTTLE NUMBER	NUMBE	<u>ال</u> ا
DEPTH						•				DATA					
	PRESSURE	URE	PRI. TEMP	MP.	SEC.	SEC. TEMP	IVS	SALINITY		SALINITY	Ŋ	SAL. NI	NUTR.	CHL.	WHIT'S NUTR
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VESSEL RV Miller Freeman	c	,		PROJEC MF9912	PROJECT & LEG MF9912	EG	DSDB I.D.	l.D.	İ	•	STATIO	ON DESIG	STATION DESIGNATION	N	•
			!	!	,	TIME	DRY	WET	BAUSSBY BTATS A	SIBICITY O	Y ON (Ims) QUO.	(этів) чоо. Эч ЯЭНТАЭ			STA.
CASI# DEG	MIN	DEG MIN	MIN	DAY MO	ΥR	(GMT) HR MIN	(°C)	BULB (°C)		✓ DIRN.	SPD (m/s)	Л.	OEPTH (m)		NAME/ID
555	Z	891	W	W25SE	P 9 9	0720	•	•					4/4/		7
SBE 9+ 09P89 1	6. 6 .0	TIMES	JD/TIME	ME			/a	DATA LOCATION	NO			REMARKS	KS	~	0
PRESS SN 2	29772	DATA ON				Tape/Diskette ID	ofte ID	File	Name	File Name/Header		22.16	アペプラン	1000	150 -01860
PRI TEMP SN	884	START DOWN		,		,						1 0	3%	N.	(0)
SEC TEMP SN	889	АТ DEРТН										Clear	Cleaned air bleed valve	leed val	, e
PRI COND SN	530	AT SURFACE					4				<u> </u>	MAX. DEPTH =	EPTH =		E
SEC COND SN	303	PAR S/N	4242		FLUOR S/N	S/N_1 5	3	CHIAM S/N	S/N	:		TRAN	TRANS. S/N		
POS. TRIP DEPTH	,]	CTD CO	CTD CONVERTED M	ONITOR	MONITOR VALUES				SAMPLE BOTTLE DATA	<u> </u>	SAMI	SAMPLE BOTTLE NUMBER	TLE NU	MBER
	.								_						
	PRESSURE	IRE	PRI TEMP	₫P.	SEC. TEMP	TEMP	SA	SALINITY		SALINITY		SAL.	NUTR.	CH	WHIT'S NUTR.
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A Day WHIT'S NUTR. NAME/ID SAMPLE BOTTLE NUMBER Ξ STA. STATION DESIGNATION CTOM (6 Cleaned air bleed vaive MAX. DEPTH = 1000 REMARKS /UDDm 1000 CH. BOTTOM DEPTH NUTR. Ξ TRANS. S/N **MEATHER** $\mathcal{I}^{\mathcal{O}}$ S WIND (amt)
TYPE
TYPE SAL. (s/ш) 3 40 12 SAMPLE BOTTLE WIND DIRN. SALINITY (deg) DATA File Name/Header VISIBILITY 08 8 06 5 20 3 SEA STATE (dm) ChIAM S/N DATA LOCATION PRESSURE WET BULB (၁ SALINITY DSDB I.D. BULB DRY ပ္ပ Tape/Diskette ID m a 001 -5 HR MIN 65521 . 64 N 16813. 50 W255 EP 9 9 083 TIME (GMT) CTD CONVERTED MONITOR VALUES FLUOR S/N SEC. TEMP PROJECT & LEG X. MF9912 Q X DATE: JD= DAY JD/TIME PRI. TEMP. 4 2 4 2 LONGITUDE START DOWN AT SURFACE PAR S/N AT DEPTH DATA ON DEG TIMES PRESSURE 0 LATITUDE 0 99 6 ZΝ 889 303 884 530 RV Miller Freeman ď SBE 9+ 09P89 1 TRIP DEPTH SEC COND SN DEG SEC TEMP SN PRI COND SN PRI TEMP SN PRESS SN CONSC CAST # VESSEL POS. Ξ 12 10 0 က S O 4 9 ∞

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WHIT's NUTR. STA. NAME/ID TRANS. S/N SAMPLE BOTTLE NUMBER Cleaned air bleed valve 4 된 STATION DESIGNATION CTD MI BOTTOM DEPTH MAX. DEPTH = NUTR. REMARKS 39YT MEHTA3W SAL. WIND WIND OLOUR (amt)
DIRN. SPD. CLOUR (m/s) SAMPLE BOTTLE 35205 SALINITY File Name/Header VISIBILITY ChIAM S/N DATA LOCATION PRESSURE 7.22N16828.26W25SEP99111308.506.5 WET BULB SALINITY DSDB I.D. DRY BULB Tape/Diskette ID FLUOR S/N 1 5 HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG X. MF9912 Q DATE JD= DAY JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE PAR S/N AT DEPTH DATA ON TIMES **PRESSURE** 29772 SBE 9+ 09P89 1 6 6 0 LATITUDE NE 889 530 303 884 RV Miller Freeman SEC COND SN TRIP DEPTH DEG PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN CONSC CAST # VESSEL POS. 10 Ξ 12 0 က S 9 6 8

VESSEL PV Millor Frogram	<i>A</i>			F	PROJECT & LEG	r LEG	DSDB I.D.	31.D.			STA	STATION DESIGNATION	ESIGNA			
A WILLIAM				2	718812					8	1	<u> </u>	0/-	-	à	
_						<u>-</u>	-			YTIJ		(tms) O	HER	,		
CONSC CAST #	LATITUDE	LONG	LONGITUDE	DATE J	JD=	TIME (GMT)	DRY BULB	WET BULB	2E <i>A</i> S	VISIBI DIRN.		TYPE	MEAT P B	BOTTOM DEPTH	STA. NAME/ID	
DEG	MIN	DEG	MIN	DAY	MO YR	R MIN	(C)	(ک _د)		(geb) *		*		(m)		
1 8 5146	152.62N	1681	4 .75 W2	12 5 s	E P 9	91131511	0801	5 90	233	734	00	344	200	2050		00
SBE 9+ 09P89	9 1 6 6 0	TIMES	JD/TIME	IME			ũ	DATA LOCATION	NO			REMARKS	RKS	Les m	_	
PRESS SN	29772	DATA ON				Tape/Diskette ID	kette ID	File	Name	File Name/Header				35) _ l	
PRI TEMP SN	884	START DOWN	NN NN												506	
SEC TEMP SN	, 688 h	АТ ОЕРТН										Cle	aned ai	Cleaned air bleed valve	valve	
PRI COND SN	230	AT SURFACE	 									MAX.	MAX. DEPTH =	15	00	
SEC COND SN	303	PAR S/N	4242		FLUOR S/N		5 3	ChIAM S/N	N/S			 F	TRANS. S/N	Į		
POS. TRIP			CTD CO	CTD CONVERTED		MONITOR VALUES			S	SAMPLE BOTTLE	BOTTLE	<u> </u>	MPLE B	SOTTLE	SAMPLE BOTTLE NUMBER	~
DEPTH	Ţ	Ô					5		,	DATA	Δ	, ,				
	PRESSURE	sure	PRI. TEMP.	MP.	SEC	SEC. TEMP	δS	SALINITY		SALINITY	ΥTII	SAL.	. NUTR.	Ř. CHL		WHIT'S NUTR.
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VESSEL				PR	PROJECT & LEG	LEG	DSDB I.D.	<u> </u>		S	TATION	V DESIG	STATION DESIGNATION		
RV Miller Freeman	n			₩	MF9912							C	270M19	6	
							6 .		3TAT		(tms) C				_
	LATITUDE	LONGITUDE	TUDE	DATE JD=	=0	TIME (GMT)	DRY BULB	WET BULB	PRES SEA S VISIBI	WIND DIRN.	CLOUI	ЭЧҮТ TAЭW	BOTTOM DEPTH		STA. NAME/ID
DEG	ZIZ	DEG	MIN	DAY	MO YR	HR MIN	(°C)	() ()	*	(ded)	(m/s) *	. *	(m)		
19543	5439.96N16911	1691	.66W25	25 S	SEP99	4121	08.20	67.9	252	10250	0 43	31	730		19
SBE 9+ 09P89 1 6	0 9 9 1	TIMES	JD/TIME	IME			DA	DATA LOCATION	NOI		2	REMARKS	\mathcal{Z}	non o	
PRESS SN 2	29772	DATA ON			ا	Tape/Diskette ID	ette ID	File	File Name/Header	leader			-	128	,
PRI TEMP SN	884	START DOWN	z				,						5051	1,0	
SEC TEMP SN	889	АТ DEРТН			l			l I				Cleaned	Cleaned air bleed valve	ed valve	
PRI COND SN	530	AT SURFACE]					4	Σ	MAX. DEPTH =	~	1502	E
SEC COND SN	303	PAR S/N	4 2 4 2		FLUOR S/N	S/N 1 5	3	CHIAM S/N	S/N			TRANS. S/N	N/S.		
POS. TRIP]	CTD COI	NVERTE	MONITO	CTD CONVERTED MONITOR VALUES			SA	SAMPLE BOTTLE	<u> </u>	SAMPL	SAMPLE BOTTLE NUMBER	E NUM	BER
						,				DAIA	:	:			
	PRESSURE	URE	PRI. TEMP.	MP.	SEC	SEC. TEMP	SAL	SALINITY		SALINITY	S	SAL. N	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller	VESSEL RV Miller Freeman	ا			PRO MF9	PROJECT & LEG MF9912	9:	DSDB I.D.				STATI	ON DESI	STATION DESIGNATION	Z	
CONSC CAST#		LATITUDE	LONG	LONGITUDE	DATE JD=	·	TIME (GMT)	DRY	WET	PRESSURE	SEA STATE VISIBILITY O WIND	S WIND (amt)	CLOUD (amt)	BOTTOM DEPTH		STA. NAME/ID
_	DEG	MIN	DEG	MIN	DAY MO	J YR	HR MIN	(၃့)	(၁.)	* (dm)	(deg)		*	(m)		
9	20541	9.79N	691	SO.18W25	25 S E	Р 9 9	2059	14.9	10.1	12	37	1	330	1900	O	20
SBE (SBE 9+ 09P89 1	099	TIMES	JD/TIME	IME	1		DA	DATA LOCATION	NOI			REMARKS		Viron	
PRES	PRESS SN 2	9772	DATA ON				Tape/Diskette ID	ette ID	Ē	e Nam	File Name/Header			32	25/2	
PRIT	PRI TEMP SN	884	START DOWN	NN			,]				7		-	
SEC	SEC TEMP SN	889	АТ ОЕРТН		,				 - 		, ,		Clear	Cleaned air bleed valve	leed val	. 9
PRIC	PRI COND SN	530	AT SURFACE) 三					 			,— 	MAX. D	MAX. DEPTH = ,	1502	ε
SEC	SEC COND SN	303	PAR S/N	4 2 4 2		FLUOR S/N	3/N 1 5	3	CHIAN	ChIAM S/N			TRA	TRANS. S/N		
POS.					CTD CONVERTED MONITOR VALUES	MONITOR	VALUES				SAMPLE BOTTLE	OTTLE	SAM	SAMPLE BOTTLE NUMBER	TLE NUI	MBER
											DAIA	ď				
		PRESSURE	SURE	PRI. TEMP	MP.	SEC. TEMP	LEMP	SA	SALINITY		SALINITY	ΤY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller Freeman	u.			M M	PROJECT & LEG MF9912	LEG	DSDB I.D.	i.D.		STA ATS	TO M2	STATION DESIGNATION	2	
CONSC CAST# L	LATITUDE	LONGITUBE	TUDE		G =	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE YISIBILITY	WIND WIN	WEATHER CLOUD (ami) O W	BOTTOM DEPTH	A STA.	A. E/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁.)	(c.)	, (qm)	(s/ш) (bap)		(m)		
21540	2.32N	16932	70W26	v 2.6 s	E P 9	90002	0 60	08 12	7837		1831	200		21
SBE 9+ 09P89 1	1660	TIMES	L/Qf	JD/TIME		8	Δ	DATA LOCATION	, NO		REMARKS	KS 😽	Less vecco	
PRESS SN 2	29772	DATA ON				Tape/Diskette ID	ette ID	File	File Name/Header	der			200	
PRI TEMP SN	884	START DOWN	Z								Ţ			
SEC TEMP SN	889	АТ ОЕРТН									Clea	Cleaned air bleed valve	ed valve	
PRI COND SN	530	AT SURFACE	Ш		i [,		MAX. D	MAX. DEPTH = /	1051	٤
SEC COND SN	303	PAR S/N	4 2 4 3	2	FLUOR S/N	R S/N 1 5	3	ChIAM S/N	N/S		TRA	TRANS. S/N		1
POS. TRIP DEPTH			CTD CO	CTD CONVERTED	D MONITO	MONITOR VALUES			SAMP	SAMPLE BOTTLE DATA	<u> </u>	SAMPLE BOTTLE NUMBER	ILE NUMI	SER
·	PRESSURE	URE	PRI. TEMP	:MP.	SEC.). TEMP	SA	SALINITY	8	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL RV Miller Freeman				□ ≥	PROJECT & LEG MF9912	& LEG	asa	DSDB I.D.			STATION DESIGNATION	V DESIG	SNATION		
	LATITUDE	LONG	LONGITUDE		- OC	TIME (GMT)	DRY	WET	PRESSURE SEA STATE YTI IIBISIV	VISIBILITY	SPD (amt)	TYPE WEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG M	MIN	DEG	MIN	DAY	MO	YR HR MIN	IIN (°C)	(°C)	* * (dm)	(deb)	* (s/m)		(m)		
225347	•1	23 N 1 69 1 6 . 1 7 W 26 S E	6.17	N 2.6 S	ЕРЭ	90251	1103	0	3	7 16 00/21	-0	-	240		77
SBE 9+ 09P89 1 6	0 9 9	TIMES	/ar	JD/TIME		•		DATA LOCATION	NOI		<u> </u>	REMARKS	Ø		
PRESS SN 2 9	9772	DATA ON			ا	Tape/D	Tape/Diskette ID	Ē	File Name/Header	leader					
PRI TEMP SN 81	884	START DOWN	NA												MINE TO 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SEC TEMP SN 8	889	АТ DЕРТН	.00			,		 			5	Cleane	Cleaned air bleed valve	ed valve	0
PRI COND SN 5	530	AT SURFACE	<u> </u>					 			<u>Ž</u>	MAX. DEPTH =	¥H±	501	: E
SEC COND SN 30	303	PAR S/N	4 2 4	2		FLUOR S/N _ 1	5 3	CHIAM S/N	N/S I			TRANS. S/N	N/S		
POS. TRIP DEPTH			CTD CC	ONVERTE	D MONIT	CTD CONVERTED MONITOR VALUES	S		S.	SAMPLE BOTTLE DATA		SAMPL	SAMPLE BOTTLE NUMBER	LE NUN	BER
	PRESSURE	URE	PRI. TEMP.	MP.	SE	SEC. TEMP		SALINITY		SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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LONGITUDE	DATE		TIME (GMT)	bry BULB	WET WET BULB	SEA STATE VISIBILITY	WIND WIN	CLOUD (amt)	WEATHER WEATTOM DEPTH		STA. NAME/ID
Z N N	DAY	MO YR	HR MIN	(°C)	(°C) (mb)	*	(deg) (m/s)	* * (s	(m)		
3	32 N 16903.98W 26 SE	Р 9 9	9120	90	17. S.	€ P	240	7 9 5	98/	0	23
	JD/TIME			DA	DATA LOCATION	z		REMARKS	RKS		
		<u></u> 	Tape/Diskette ID	tte ID	File N	File Name/Header	der				
START DOWN				,]			
АТ ОЕРТН		<u></u>				•		Č	Cleaned air bleed valve	eed valv	•
AT SURFACE		l 1			[[MAX.	MAX. DEPTH =	1504	٤
PAR S/N _ 4 2	2 4 2	FLUOR S/N	/N_1 5	8	ChIAM S/N	ξ		TRA	TRANS. S/N		.
5	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			SAMPL	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUN	/BER
ğ	PRI. TEMP.	SEC. TEMP	EMP	SAI	SALINITY	S A	SALINITY	SAL.	NUTR.	CHL	WHIT'S NUTR.
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VESSEL RV Miller Freeman	lan			PRO MF9(PROJECT & LEG MF9912	9:	DSDB I.D.	.D.		STATI	ON DES	STATION DESIGNATION	Z	
CONSC CAST#	LATITUDE	LONGITUDE	TUDE	DATE JD=		TIME (GMT)	DRY BULB	WET WET BULB	SEA STATE YTIJIBICIY O W N N N N N N N N N N N N N	WIND CLOUD (amt)	TYPE MEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY MO	J YR	HR MIN	(°C)	(°C) (mb)	*		L	Œ	-	
2453	5333.23N	16855.10W26SE	. 1 0 W	26 S E	P 9 9	07114	X	7.03938	(0	7	571	1800	0	24
SBE 9+ 09P89	1660	TIMES	JD/TIME	IME		,	DA'	DATA LOCATION	z		REMARKS	S)		
PRESS SN	29772	DATA ON				Tape/Diskette ID	itte ID	File N	File Name/Header					
PRI TEMP SN	884	START DOWN	7		*									a defenda o de defenda o de
SEC TEMP SN	889	AT DEPTH		i			٠			<u> </u>	Clean	Cleaned air bleed valve	ed valv	o
PRI COND SN	530	AT SURFACE		ŀ						<u>. </u>	MAX. DEPTH =	:PTH =	205	E
SEC COND SN	303	PAR S/N	4 2 4 2		FLUOR S/N	3/N 1 5	3	ChIAM S/N	z		TRAN	TRANS. S/N	:	
POS. TRIP DEPTH			CTD COI	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES	,		SAMPLE BOTTLE DATA	OTTLE	SAMF	SAMPLE BOTTLE NUMBER	LE NOM	BER
							*		٠					
	PRESSURE	URE	PRI. TEMP	MP.	SEC. TEMP	EMP	SAL	SALINITY	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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WHIT's NUTR. NAME/ID SAMPLE BOTTLE NUMBER Ε Cleaned air bleed valve % 60 0 MAX. DEPTH = 840 SH. STATION DESIGNATION BOTTOM DEPTH NUTR. $\widehat{\mathbf{E}}$ TRANS. S/N REMARKS S WIND (SIMI) CLOUD (SIMI) TYPE WEATHER <u>m</u> SAL. 3 (deg) (m/s) SAMPLE BOTTLE Hares WIND DIRN SALINITY DATA File Name/Header 7.23020 VISIBILITY **SEA STATE** ChIAM S/N (qw) DATA LOCATION PRESSURE WET BULB <u>ဂ</u> SALINITY DSDB I.D. 0 0 DRY BULB <u>ဂ</u> Tape/Diskette ID ന Ŋ YR HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES 06066 SEC. TEMP FLUOR S/N PROJECT & LEG MF9912 ۵. Θ DATE JD= 255326.26 NI 6845.30 W26 SE DAY JD/TIME PRI. TEMP. 4 2 4 LONGITUDE Z START DOWN AT SURFACE PAR S/N AT DEPTH DATA ON DEG TIMES **PRESSURE** $^{\circ}$ / LATITUDE 0 9 7 SBE 9+ 09P89 1 6 6 Z 889 530 303 884 RV Miller Freeman N DEPTH PRI COND SN DEG SEC COND SN SEC TEMP SN TRIP PRI TEMP SN PRESS SN CONSC CAST # VESSEL POS. 10 Ξ 12 Ø ന 4 വ ဖ ω

Ss this readly a swelin shows sto? Really equivalend bathy 11 shallower offshone.

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VESSEL RV Miller Freeman	C			PROJECT & LEG MF9912		/ DSDB I.D.	.D.		STATION DESIGNATION	ODESIGN COLOR	SAN SIGN	136	
CONSC CAST#	LATITUDE	LONG	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET WET BULB	SEA STATE SIBILITY SI	NEATHER	PEHTAEN	BOTTOM DEPTH	S AS N	STA. NAME/ID
DEG	MIN	DEG	Н	MO	YR HR MIN	(C _e)	╒	(deg)	(m/s) *	*	(m)		
265322		6748	S 9 6 W S 1 . X	П	100166	ъ Т	6.53	and It dia	_	3	304		8
SBE 9+ 09P89 1	0 9 9 1	TIMES	JD/TIME	ME		DA	DATA LOCATION		2	REMARKS	(O		
PRESS SN 2	29772	DATA ON			Tape/Diskette ID	ette ID	File N	File Name/Header			7 PC	1K	
PRI TEMP SN	884	START DOWN	NN	1					[
SEC TEMP SN	889	АТ ОЕРТН								Cleane	Cleaned air bleed valve	ed valve	0
PRI COND SN	530	AT SURFACE). Y		,			•	MA	MAX. DEPTH =		46C	٤
SEC COND SN	303	PAR S/N	4242	FLL	FLUOR S/N1 5	3	CHIAM S/N			TRANS. S/N	. S/N		
POS. TRIP DEPTH]	CTD CON	CTD CONVERTED MONITOR VALUES	TOR VALUES			SAMPLE BOTTLE DATA	LE	SAMPL	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	SURE	PRI. TEMP		SEC. TEMP	SAI	SALINITY	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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WHIT's かな NUTR. NAME/iD SAMPLE BOTTLE NUMBER ٤ Cleaned air bleed valve 3/3 ဌ STATION DESIGNATION BOTTOM DEPTH 320 30 MAX. DEPTH = NUTR. TRANS. S/N REMARKS **MEATHER** WEATHER CLOUD (amt) D D SAL. (s/ш) SAMPLE BOTTLE SALINITY WIND DIRN. (deg) File Name/Header VISIBILITY **BTATS ABS** 9.007.932 DATA LOCATION ChIAM S/N PRESSURE WET BULB SALINITY DRY BULB <u>(၃</u> Tape/Diskette ID က 1 5 HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES 100 FLUOR S/N SEC. TEMP PROJECT & LEG ರಾ X R တ MF9912 ۵ 9 DATE JD= N 7033 . 97 W 26 S E DAY JD/TIME PRI. TEMP. PAR S/N __ 4 2 4 LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON DEG TIMES **PRESSURE** 0 LATITUDE 275288 · SBE 9+ 09P89 1 6 6 297 Z 303 884 889 530 RV Miller Freeman SEC COND SN TRIP DEPTH 35 SEC TEMP SN DEG PRI COND SN PRI TEMP SN PRESS SN CONSC CAST # POS. 9 Ξ 12 S φ 6 ന 4 8

VESSEL RV Miller Freeman				PRC	PROJECT & LEG MF9912	LEG	DSDB I.D.			STA	TION DES	STATION DESIGNATION	200	
	LATITUDE	LONO	LONGITUDE		<u>u</u>	TIME (GMT)	, DRY BULB	WET SSURE BULB	SEA STATE VISIBILITY	WIND WIND CLOUD (amt)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG	Min	DAY	MO YR	HR MIN	(°C)	(°C) (mb)	*	(s/ш) (bap)		(E)		
285219.66N	9.66N	17031	1. 98 W 26	26 S E	9 6 E	2028	08.00	07.032	27	<u>-</u> -	772	513	20	d d
SBE 9+ 09P89 1	0 9 9	TIMES	JD/TIME	ME			DAT	DATA LOCATION			REMARKS	KS		
PRESS SN 2	9772	DATA ON				Tape/Diskette ID	ette ID	File N	File Name/Header	er				
PRI TEMP SN	884	START DOWN	NN											!
SEC TEMP SN	889	АТ ОЕРТН									Clea	Cleaned air bleed valve	ed valve	
PRI COND SN	530	AT SURFACE)E		1						MAX. D	MAX. DEPTH =	202	· E
SEC COND SN	303	PAR S/N	4242	<u></u>	FLUOR S/N	S/N 1 5	3	ChIAM S/N	7		TRA	TRANS. S/N		
POS. TRIP DEPTH			CTD CON	CTD CONVERTED	MONITO	MONITOR VALUES			SAMPL	SAMPLE BOTTLE DATA	SAM	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	URE	PRI. TEMP.	Q.	SEC	SEC. TEMP	SALI	SALINITY	SAI	SALINITY	SAL.	NUTR.	CHr.	WHIT'S NUTR.
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STATION DESIGNATION	WIND WIND OLD WIND STA. DIRN. SPO. CL DEPTH NAME/ID	(m)	92 21412 29	REMARKS	ader		Cleaned air bleed valve	MAX. DEPTH = m	TRANS. S/N	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL. NUTR. CHL. NUTR.	13											
DSDB I.D.	DRY WET SEASURE SEA STATE SULB BULB	, , (06.105.93227	DATA LOCATION	tte ID File Name/Header				3 ChIAM S/N	SAMP	SALINITY											-	
PROJECT & LEG MF9912	TIME DATE JD= (GMT)	DAY MO YR HR MIN	EP992157	111	Tape/Diskette ID			The state of the s	FLUOR S/N 1 5	ERTED MONITOR VALUES	SEC. TEMP					-	-			•			
	ONGITUDE	DEG MIN D	17030.36W26S	TIMES JD/TIME	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR S/N 4 2 4 2	CTD CONVERTE	URE PRI. TEMP.			-			- ,						
VESSEL RV Miller Freeman	5[DEG MIN	295211.73N	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	õ	POS. TRIP DEPTH	PRESSURE	1 139 1	2	3	4	5	9	7	æ	. б	10	11	

z	STA. NAME/ID.	30				valve	E		SAMPLE BOTTLE NUMBER	WHIT's	L NUTR.												1
NO NO	MO H	0 0				bleed	271		TTLE		CHL									-			
SIGNAT 30		(m)	KS			Cleaned air bleed valve	EPTH =	TRANS. S/N	PLE B(NUTR.												
STATION DESIGNATION	TYPE WEATHER	. 7 . 8	REMARKS	-		V Clea	MAX. DEPTH =	TRAI	SAM		SAL.	10	İ										
STATI		(s/ш)		•	,		<u>'</u>		TTLE		>												Î
		(deg)		ader		<u> </u> 			SAMPLE BOTTLE DATA		SALINITY					ľ							
	SEA STATE YTIJIBISIV	27		File Name/Header					SAME		S												
	- зяисезяна ((mb)	ATION	ile Na				ChIAM S/N	٠.									1					I
<u>.</u>	WET	(C)	DATA LOCATION	ц.		l :		<u>ਤ</u>			SALINITY			ļ						,			
DSDB I.D.	DRY BULB	0 0	ρΔ	Ω	*						SAI												
9:3				skette				5 3		_	\dashv	,					 	_					
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PROJECT & LEG MF9912	\(\frac{1}{2}\)		JD/TIME	•				FLUOR S/N	ONITOR		SEC. TEMP			-			-						
PROJEC MF9912	- 1	S E E			NWO			2 4 2	TED MC	-	_										4.		l
	DATE	50w27s							NVER		e Mg												
	ا - ا	501							OTD CC		PRI TEMP.		-										
	LONGITUDE	will o				_	4CE	Σ 															_
,	LOP	1702	TIMES	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	PAR S/N			<u></u>												
,	-	Z		2 DA	ST	4	AT				PRESSURE												
	LATITUDE	. 9 2. N	0 9	7 7	. 4	6	0	က			PR.												
man		0	9 1 6	2 9	884	889	530	N 303		<u></u>	1	ho.											
VESSEL RV Miller Freeman	Ç #	3052	SBE 9+ 09P89	NS S	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH			2718											
VESSEL RV Miller	CONSC CAST#	2	SBE 9-	PRESS SN	PRI TE	SEC TI	PRI CC	SEC C	POS.			-	2	3	4	5	9	7	80	6	10	-	

TIME DRY WET				PR	PROJECT & LEG MF9912	9	DSDB I.D.	.O.			STATION	N DE SIG	STATION DESIGNATION		
DAY MO YR HR MIN ("C) ("C) ("N) . ' (deg) (ms) . ' (m)	PONGI	. ਰੀ	TUDE	- 1	=	TIME (GMT)		WET BULB	3TAT2 A32	WIND DIRN.	SPD. CLOUD (amt)	ABHTABW	ВОТТОМ DEPTH	<u></u>	A D
10/11/16 10 10 10 10 10 10 10	DEG	- 1	Z Z	\Box		HR MIN	(၃)	(ఎ.)	, (dm)	(ded)	(m/s)		(m)		
DATIME Tape/Diskette ID Tipe/Diskette ID Tipe	12021N		7.0 W	278	0	0303	1000	7.5	=			14-	3.370		3
Tape/Diskette ID File Name/Header 4 2 4 2 Augustian Signature Si	TIMES		JD/TI	ME			DA	TA LOCA	NOI		<u> </u>	EMARK			-
PRI. TEMP. SEC. TEMP	DATA ON				 1	Tape/Diske	atte ID	Ē	e Name/I	leader					
A 2 4 2 A 2 4 2 A 2 4 2 TELUOR S/N 1 5 3 TRANS, S/N CTD CONVERTED MONITOR VALUES PRI, TEMP. SEC. TEMP SALINITY SALINITY CHL TS CHANSIN TAS CHANSIN TAS CHANSIN TAS TAS TAS TAS TAS TAS TAS TA	START DOWN	₹					:					 - -			
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2 4 2 ELUOR S/N_1 5 3 Chiam S/N SAMPLE BOTTLE SAMPLE BOTTLE NUMBER. SEC. TEMP SALINITY SAL. NUTR. CHI.	AT SURFACE	Ö	ш					 	:		Ž	AX. DEI		000	٤
SEC. TEMP SEC. TEMP SEC. TEMP SALINITY SALINITY SALINITY SALINITY CHL SEC. TEMP SALINITY SALINITY CHL SEC. TEMP SALINITY S	PAR S/N	→ 1	2.4		FLUOR 8	-	en en	ChlAN	N/S I			TRAN			
SEC. TEMP SALINITY SAL. NUTR. CHL			CTD CON	IVERTED	MONITOR	VALUES			S V	MPLE BO DATA		SAMP	LE BOTT	LE NOM	ιπ (χ.
	PRESSURE		PRI. TEN	IP.	SEC. 1	remp	SA	LINITY		SALINITY	<u> </u>	_	NUTR.		WHIT'S
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STATION DESIGNATION	BOTTOM STA. DEPTH NAME/ID		3480 32	KS			Cleaned air bleed valve	EPTH = 3003 m	TRANS. S/N	SAMPLE BOTTLE NUMBER	WHIT'S NUTR. CHL. NUTR.												
TON DES	CLOUD (amt) TYPE WEATHER	*	€ 1+ 00	REMARKS		_	Clea	MAX. DEPTH =	TRAI	SAM	SAL.	4											
STAT	STATS A3S VISIBILITY O WAND ON	(deb)	1714009		File Name/Header					SAMPLE BOTTLE DATA	SALINITY				3								
DSDB I.D.		(0°)	36.230	DATA LOCATION	File Na				CHIAM S/N		SALINITY					c							
ISO		(၃)	4		kette ID		l:	į	5 3														
, LEG		또 `	97906		Tape/Diskette ID					D MONITOR VALUES	SEC, TEMP		34										
PROJECT & LEG MF9912	= 07	₩ W	S E P 9						FLUG	TED MONIT	SE												
		DAY	10W67	JD/TIME		START DOWN			2 4 2	CTD CONVERTE	PRI. TEMP.									•			
	ONG		8/0		NO		РТН	AT SURFACE	PAR S/N 4	ပ်	<u>a</u>											Ŋ	
			N - 7 0	TIMES	DATA ON	STAR	АТ ОЕРТН	AT SU	PA]	PRESSURE				:				j 				
an	LATITUDE	Z =	16.45	1660	2 9 7 7 2	884	889	530	303		PRES												
VESSEL RV Miller Freeman		DEG.		SBE 9+ 09P89	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	S. TRIP DEPTH		- 1											
VES RV I	<u> </u>			SBE	PRE	PR	SEC	<u>R</u>	SEC	POS.			7	ო	4	Ω	ဖ	7	ω		10	7	: L

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WHIT'S NUTP 3 STA. . 3 SAMPLE BOTTLE NUMBER Cleaned air bleed valve WO 3006 3001 CHU BOTTOM DEPTH 07674101011 STATION DESIGNATION MAX, DEPTH = NUTR. TRANS. S/N REMARKS **MEATHER** WIND WIND SPE CLOUD (amt) TYPE TYPE SAL. 0 (S/W) SAMPLE BOTTLE SALINITY DATA (deg) File Name/Header VISIBILITY **SEA STATE** 5. 130 ChIAM-S/N DATA LOCATION PRESSURE WET BULB () () SALINITY DSDB I.D. BULB DRY6 (0, Fape/Diskette ID 6101 ഗ HR MIN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG FLUOR S/N YR თ <u>ه</u> MF9912 ۵. Θ DATE JD= ш Ś DAY 62W27 JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE PAR S/N AT DEPTH DATA ON 170 DEG TIMES PRESSURE z ~ O LATITUDE 0 33/5130.6 9 7 ဖ Z Z 889 884 530 303 9 RV Miller Freeman TRIP DEPTH DEG SBE 9+ 09P89 SEC COND SN SEC TEMP SN PRI COND SN PRI TEMP SN PRESS SN CONSC CAST # VESSEL POS. 12 ന φ ζ. 10 7 വ ∞ ග N 4

4040 Fm. PG __OF__

STATION DESIGNATION	WIND OUD STA SPO. CYPA BOTTOM STA STA	(m) (s) 94	REMARKS > 5000		2060	Cleaned air bleed valve	MAX. DEPTH = 3,0,0 mm			SAL. NUTR. CHL NUTP													
ST	SEA STATE VISIBILITY VISIBILITY VISIBILITY VISIBILITY VISIBILITY	(deg)		File Name/Header				7	SAMPLE BOTTLE DATA	SALINITY													
DSDB1.D.		(°C) (°C) (mb)	.! ≮					CHIAM S/N		SALINITY							10						1
PROJECT & LEG MF9912	TIME (GMT)	P 9 9 1 4 1 3		Tape/Diskette ID				FLUOR S/N 1 5 3	O MONITOR VALUES	SEC. TEMP													0.000
PROJEC MF9912	DATE	1.21 W 37 SE	IO/TIME		7			4242	CTD CONVERTED M	PRI TEMP.						21			·				
	LONGITUDE	N 17004	TIMES	2 DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR S/N		PRESSURE						10 34							
VESSEL RV Miller Freeman	CONSC CAST # LATITUDE		SBE 9+ 09P89 1 6 6 0	PRESS SN 2 9 7 7	PRI TEMP SN 884	SEC TEMP SN 889	PRI COND SN 530	Ó	POS. TRIP DEPTH	K.	-	2	3	4	5	9	7	80	6	10	11	12	