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		9	DEG MIN	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR S/N_		끭												
			N		6 7	3,	*				PRESSURE												
		LATITUDE	N O	07-0533	8 4	2578	2708	638	2272														
	Helix		DEG MIN 752 40 . 23 1 N	195 1954	9	NS A	#P SN	NS Q	NS QA	TRIP DEPTH		418	86	25	25	25	D						
VESSEL	RV Alpha Helix	CONSC CAST #	5	SBE 9+ 09P 19507-0533	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.		-	2	3	-	2	9	7	8	6	9	=	ŀ

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VESSEL RV Alpha Helix	×			PROJECT & LEG H X 2 4 5	& LEG 4 5	DSDB I.D.	ē.		STATION	STATION DESIGNATION	NO -4			
CONSC CAST #	LATITUDE	NOI	LONGITUDE		TIME	DRY	WET WET BULB	SEA STATE VISIBILITY D WIND SEA STATE SEA STAT	PS NS CLOUD (ami) PPE MEATHER	WEATHER BOTTOM DEPTH		STA. NAME/ID		
DEG		DEG	H		YR HR MIN	(၃)	(c) (mp)	(ded)	(s/w)	(E)				
585256	156.02 N	404	2 . 85W1	130 N O	11345		•			200	0			
SBE 9+ 09P 19507-0533		TIMES	JD/TIME	¥.		DA	DATA LOCATION	_	E E	REMARKS				
PRESS SN	68467	DATA ON			Tape/Diskette ID	ette ID	File No	File Name/Header						
PRI TEMP SN	2578	START DOWN	×				}							
SEC TEMP SN	2708	АТ DEРТН								Cleaned air bleed valve	leed valve			
PRI COND SN	638	AT SURFACE	Щ						MAX	MAX. DEPTH =		E		
SEC COND SN	N 2272	PAR S/N	4497	FLUO	FLUOR S/N_ 0 2	182	CHIAM S/N			TRANS. S/N_		,		
POS. TRIP DEPTH				CTD CONVERTED MONIT	ONITOR VALUES			SAMPLE BOTTLE DATA	<u>                                     </u>	SAMPLE BOTTLE NUMBER	TLE NUM	BER		
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	PRESSURE	JRE	PRI. TEMP		SEC. TEMP	SAI	SALINITY	SALINITY	SAL.	L. NUTR.	몱	PAM	Otther	Faille
1 190	0									339	7			
2 101										339	7			
3 78	. 0-									340	7			
4 50	۵									341	ı			
2	25									342	7			
4 <b>5</b> 9	تح									343	7			
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6										-				
10										-				
=										-				
12												$\neg$		

VESSEL RV Alpha Helix				PROJECT & LEG	7.8.LEG 2.4.5		DSDB I.D.				STATION DESIGNATION $\mathcal{M} \mathcal{T}$	DESIG	NATION 774	2		П
CONSC CAST # LA	LATITUDE	FONG	LONGITUDE	DATE JD=	TIME		DRY BULB	WET	PRESSURE SEA STATE THISTIV	YISIBILITY SIN SIN SIN SIN SIN SIN SIN SIN SIN SIN	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	A. E/ID	
DEG	MIN	DEG	MIN	DAY MO	YR HR MIN		(၁့)	(SC)	*	(deg)	(m/s)	*	(m)			
1595288	N 89 6	5671N68	4.90 W	N U F 1 M O	0 1 [	630			Ħ				135			
SBE 9+ 09P 19507-0533	77-0533	TIMES	JD/TIME	ME			DAT	DATA LOCATION	NO.		<u> </u>	REMARKS	40			
PRESS SN 6	68467	DATA ON	ļ		Tape	Tape/Diskette ID	₽	File	File Name/Header	leader					2	
PRI TEMP SN	2578	START DOWN	 *								[					
SEC TEMP SN	2708	АТ ОЕРТН									Ŏ	Seaned	Cleaned air bleed valve	ed valve		
PRI COND SN	638	AT SURFACE	<u>щ</u>								MA	X. DEP	MAX. DEPTH = \\	0	E	
SEC COND SN	2272	PAR S/N	4497		FLUOR S/N	0218	8 2	ChIAM S/N	NS NS			TRANS. S/N	NS.	ii.		
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES	ITOR VALU	ES		 1	& —	SAMPLE BOTTLE DATA		SAMPLI	SAMPLE BOTTLE NUMBER	E NUME	<b>E</b>	
	PRESSURE	URE	PRI. TEMP.		SEC. TEMP		SALINITY	\		SALINITY		SAL. N	NUTR. 0	CH.	PAM C	Other
1 110												<u>~</u>	344			
2 50												3	345			
3 25												3	346			
4 5kg			:									6.	347			
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											Other			A									
	STA. NAME/ID						9	E	1	1BER	PAM												
2			10				ed valv			LE NUN	CHL.	7	>	/	/	>							
GNATIO	ВОТТОМ DEPTH	Œ	185	S			Cleaned air bleed valve	TH=	S. S/N	SAMPLE BOTTLE NUMBER	NUTR.	6 AE	350	300	353	353							
STATION DESIGNATION	WEATHER WEATHER	T -		REMARKS		ſ	Cleane	MAX. DEPTH =	TRANS. S/N	SAMPI	SAL.												
STATIC	S S CLOUD (amt)	. (s/w)		_ Œ						ПЕ										1		寸	
	WIND DIRN.	(deg)			ader					SAMPLE BOTTLE DATA	SALINITY												
	SEA STATE VISIBILITY	* * (0		z	File Name/Header					SAM												4	_
	PRESSURE	_		DATA LOCATION	File				ChIAM S/N		_												
DSDB I.D.	WET	(၃)		DATA L						<b>)</b> 	SALINITY								Ì				
	DRY BULB	(၃)			tte ID				182				į										
	TIME (GMT)	HR MIN	-	•	Tape/Diskette ID				0 2	.UES	۵.												
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	DATE .		( <del> </del>	뿘						WERTE	A											ı	
	щ	_	. 5- 1 WI 4 J	JD/TIME					497	CTD CONVERTED MONITOR VALUES	PRI. TEMP												
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	2	DEG	N 1 6 242	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR S/N		뿙												
	ш			-	6 7						PRESSURE												
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a Helix		DEG	G- F1 5300	SBE 9+ 09P 19507-0533	•	AP SN	MP SN	NS QN	NS ON	TRIP DEPTH		では	00/	50	7	55							
VESSEL RV Alpha Helix	CONSC CAST #		9	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.		-	2	. 6	4	2	9	7	8	6	10	7	12

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	STA. NAME/ID	$\blacksquare$	•			<b>4</b> 0	£	1	(BER	PAM												
2						ed valv			LE NUA	CH.	7	7	7	>								
GNATIO	BOTTOM DEPTH (m)	8	S.		ļ	Cleaned air bleed valve	PTH =	S.S.N.	SAMPLE BOTTLE NUMBER	NUTR.	354	355	356	258								
STATION DESIGNATION	• WEATHER		REMARKS			Clean	MAX. DEPTH =	TRANS. S/N	SAMP	SAL.	61-1			`								
STATIC	TYPE (amt)		<u> </u>	)					TILE	>											$\overrightarrow{1}$	$\dashv$
	WIND DIRN.			eader					SAMPLE BOTTLE DATA	SALINITY												
	B PRESSURE TEACHER STATE TO SERICITY		Z	File Name/Header				 	SAN						.						<u> </u>	
			DATA LOCATION	File				CHIAM S/N		<b>&gt;</b>												
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	DRY BULB			tte ID				182														
	TIME (GMT)	33.7		Tape/Diskette ID				207	LUES	Ь												
77 & LEG 2 4 5	F 9 H	UN 0 10337		<u>Ta</u>				FLUOR S/N	MONITOR VALUES	SEC. TEMP												
PROJECT & LEG H X 2 4 5	⊕ OM			1	١			L L	NOM C	S												
	DATE	HI	JD/TIME						NVERTE	MP.												
	— 8 z	N 95	JQC					497	CTD CONVERTED	PRI. TEMP.												
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	LK	9	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR	]	URE												
	<u> </u>	N CSP		6 7						PRESSURE												
	LATITUDE MIN	~(	SBE 9+ 09P 19507-0533	6 8 4	2578	2708	638	2272	_			_									$\dashv$	_
VESSEL RV Alpha Helix	D # C	53	. 09P 19	•	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		80	50	2	Q								
VESSEL RV Alpha	CONSC CAST#	9	SBE 94	PRESS SN	PRI TE	SEC T	PR 00	SECC	POS.		-	2	ო	4	5	9	7	ω	6	10	=	12

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	STA. NAME/ID			·			40	£	ı	BER	MAG	$\neg$			`								
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STATION DESIGNATION	BOTTOM DEPTH	(m)	667	S			Cleaned air bleed valve	MAX. DEPTH = 4773	S'N	SAMPLE BOTTLE NUMBER	OE IN	2 2 2 2 3 3	358	360	30 1	362	363	798					
N DESK	WEALHER	*		REMARKS			Cleame	AX. DEF	TRANS. S/N	SAMPI	IVO			(14	<u> </u>	Ť	1-1	(4)					
STATIC	SPD (amt)	(m/s) *		<u></u>	!					TLE		T											
	WIND DIRN.	(deg)			ader					SAMPLE BOTTLE DATA	VENITA												
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] G	WET BULB	(၃)		DATA LOCATION		ı			<u> </u>		CALIMITY												
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9, 29	TIME (GMT)	HH MIN	19450		Tape/Diskette ID				N_021	/ALUES													
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	<u> </u>	à	52W14	JD/TIME					2 6	CONVE	OPI TEMP												
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	LATITUDE	NIM		7-0533	6846	2578	2708	638	2272		2												
a Helix		DEG	255357	SBE 9+ 09P 19507-0533	'	- 1				TRIP DEPTH		472	246	50	25	30	51	Ó					
VESSEL RV Alpha Helix	CONSC CAST #		63	SBE 9+(	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.	-	্ব	(3	ဗ	4	5	9	_	8	o	01	=	12

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	STA. NAME/ID							٤		BER	PAM												
_							ed valve	478		LE NOM	GH.	7	1	7	7	4	7	J	7				
STATION DESIGNATION $\mathcal{U} \wedge \mathcal{A} \wedge \mathcal{S}$	ВОТТОМ ВЕРТН	(E)	672	<b>40</b>			Cleaned air bleed valve	TH= 4	NS:	SAMPLE BOTTLE NUMBER	NUTR.	365	366	36₹	368	598	370	371	372			7	┫
ION DESIGNAT	MERITAEK			REMARKS			Cleane	MAX. DEPTH =	TRANS. S/N	SAMPL	SAL.	۲,	3	(4)	-3	3		2	3			_	$\dashv$
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	PRESSURE SEA STATE	*		Z	lame/				 	Ŝ												믁	=
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	TIME (GMT)	HR MIN	254		Tape/Diskette ID		2		0 2	ILUES	₽.												
& LEG 4 5		YR H	-		<u> 18</u>				NS S	OR (4)	SEC. TEMP												
PROJECT & LEG H X 2 4 5	=	MO \	0 N U C				1 1		KELUOR S/N_	CTD CONVERTED MONITOR VALUES	SS												
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	UDE	_	3.21 N 16653	8	467	90	<b></b>		2		PRE												
	LATITUDE	MIN		3507-05	684	2578	2708	638												<u> </u>			
_ a Helix	/ N	DEG	1989	99P 15	S.	AP SN	MP SN	NS QN	NS ON	TRIP DEPTH		475	ase	100	60	<i>c</i> 3	30	2	0				
VESSEL RV Alpha Helix	CONSC CAST #		29	SBE 9+ 09P 19507-0533	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	Pos.		1 1	2	3	4	5	9	7	80	6	10	=	12

VESSEL RV Alpha Helix					PROJECT & LEG H X 2 4 5	k LEG 4 5	DSDB 1.D.	.O.		STA	TION DE	STATION DESIGNATION AK YIS	2			
CONSC CAST#	LATITUDE	ONOT	LONGITUDE	DATE JD=	JD=	TIME (GMT)	DRY	WET SSURE BULB	SEA STATE YISIBILITY	WIND WING DIRN. SPD	S WIND CLOUD (smt) TYPE WEATHER	BOTTOM	- · · · ··· · ·	STA. NAME/ID		
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁့)	(°C) (mb)	*	* (s/m) (geb)	*	(E)		П		
4549	9 . O	6 9 9	6.03W14		UN O	1942	-	-				194				
SBE 9+ 09P 19507-0533		TIMES	JDV	JD/TIME			DA	DATA LOCATION	-		REMAI	REMARKS S. J. M. LOW	ζ,	1/1	777	22
PRESS SN	68467	DATA ON				Tape/Diskette ID	atte ID	File N <sub>2</sub>	File Name/Header	der		2	7		<u> </u>	
PRI TEMP SN	2578	START DOWN	¥.								[					
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PRI COND SN	638	AT SURFACE	, ,								MAX. E	MAX. DEPTH =		E		
SEC COND SN	2272	PAR S/N	4 4 9 7		FLUOR S/N_	S/N_ 0 2	182	CHIAM S/N			TEA	TRANS. S/N				
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									<u> </u>		<u> </u>			+	T	
	PRESSURE	E E	PRI. TEMP	MP.	SEC	SEC. TEMP	SAL	SALINITY	85	SALINITY	SAL.	NUTR.	동	PAM	Other	
1 492											1	373	)	1	N N	Λ-
2 250					11							374	7	1	1	
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STATION DESIGNATION	рертн	\$	000	00	-		Cleaned air bleed valve	뿓	  %	SAMPLE BOTTLE NUMBER	NUTR.												
DESIG 14 P	MEALHER			REMARKS			leaned	MAX. DEPTH=	TRANS. S/N	AMPLI												_	
NOIT	SPE CLOUD (amit) PPE TYPE		$\dashv$			[		l≩l		<u> </u>	SAL.											_	
STA	D WIN		$\dashv$			1	1 1	1	١.	OTTLE	<u></u>												
	WIND DIRN.	(geb)			eader					SAMPLE BOTTLE DATA	SALINITY							-					
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	13	$\dashv$		JD/TIME					2 6 1	100 Q	PRI. TEMP												
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  ÷		990	1	SBE 9+ 09P: 19507-0533	ဖ					TRIP DEPTH		33	32	38	33	15	Ž	5	/2				
VESSEL RV Alpha Helix			6554	9+ 09P	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN				3	4	2	, <i>i</i>			31				L
VESSEL RV Alpha	CONSC CAST#			SBE	PRE	FIEL	SEC	P.B.	SEC	Pos.		-	7	ဇ	4	2	9	7	80	S	9	Ξ	

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SIGN	WEATHER S S	<b> </b>		RKS			Cleaned air bleed valve	MAX. DEPTH =	TRANS. SAN	SAMPLE BOTTLE NUMBER	NUTR.	3,	320	1,281	382	383							
ON DE	CLOUD (amt)	*		REMARKS		ſ	3	ı X	E V	SA	SAL.												
STATION DESIGNATION	WIND SPD. 7	(s/w)		_						1,6													
<u>.                                    </u>	WIND DIRN.	(Gep)			ĕ				lι	LE BOT DATA	SALINITY												
	VISIBILITY	3			/Head					SAMPLE BOTTLE DATA	SAL												
	PRESSURE SEA STATE	· (qm)		₹	File Name/Header					Ŋ												<del> </del>	
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ا د	WET BULB	ဥ		TALO							SALINITY												
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ည္ ယ	TIME (GMT)	HR MIN	3000	216	Tape/				, Kg	VALU	remp												
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			9 W 1 4	JD/TIME					9.7	SONO	PRI. TEMP.												
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	LONGITUDE	≥ 	2		_	NWO.	Ţ	ACE															
	의	DEG.	99	TIMES	DATA ON	START DOWN	АТ DEРТН	AT SURFACE	PAR S/N		ш									:			
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	LATITUDE	Z	-9	7-053	684	2578	2708	88	2272														
, je	ָר ראַ	DEG	ħ	SBE 9+ 09P 19507-0533	9		1			TRIP DEPTH		100	25	30	01	0							
VESSEL RV Alpha Helix			754	4.09F	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN			10	>	77									
VESSEL RV Alpha	CONSC CAST #			SBE 6	PRES	ᇤ	SECT	PRIC	SEC (	POS.		1	7	8	4	9	9	2	8	6	10	Ξ	71

										Other			/	7	2	7					
	STA. NAME/ID					•	E	1	BER	PAM											
116						ed valv			LE NUN	涺	)	2	7	7	1	2					
STATION DESIGNATION $eta_{\mathcal{K}}$ $eta$	BOTTOM DEPTH	(E) (A)				Cleaned air bleed valve	TH=	NS.	SAMPLE BOTTLE NUMBER	NUTR.	384	385	286	387	288	582					
N DESIG	MEATHER WEATHER		REMARKS			Cleane	MAX. DEPTH =	TRANS. S/N	SAMPL	SAL.	-	44.)	2	- ( - (	Ì	7					
STATIO	SPD (amt)	* (m/s)	<u>=</u>				×		7.E							->					
	WIND DIRN.	(Bap)		ader					SAMPLE BOTTLE DATA	SALINITY											
	SEA STATE VISIBILITY	*	_	File Name/Header					SAMF	S											
	PRESSURE	(mp)	CATION	File N				ChIAM S/N													
3.D.	WET BULB	(0°)	DATA LOCATION					<u>5</u>		SALINITY											
DSDB I.D.	DRY BULB	(0.)	_	te ID				8 2		S											
	TIME (GMT)	H WIN		Tape/Diskette ID				0.21	LUES	<u> </u>											
7 & LEG 2 4 5		XR 0 1 0 Ξ C		<u>T</u>				FLUOR S/N_	TOR VA	SEC. TEMP											
PROJECT & LEG H X 2 4 5	JD=	OM U		١				3	CONVERTED MONITOR VALUES	S											
	DATE	DAY ZWIY J	뿔						VERTE	JP.											
	Ä	l	JD/TIME					4497	CTD COI	PRI. TEMP.											
	LONGITUDE	WIN TO		7	OWN	Ţ	ACE	- 1													
	9	DEG 1	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR S/N		품											
	ш	0 N								PRESSURE											
	LATITUDE	NIN TO	07-0533	68467	2578	2708	638	2272	<u>.</u>												
Felix		DEG 54	39P 195	•	-	AP SN	ID SN	NS QN	TRIP DEPTH		18	72	50	30	01	9					
VESSEL RV Alpha Helix	CONSC CAST#	9	SBE 9+ 09P 19507-0533	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS.		-	5	3	4	5	9	7	 6	10	=	12

all Rex

											Other	7	1	7	1								
	STA. NAME/ID						9	ε		ABER	PAM	_											
15,		<u> </u>	Ob				eed valv			TLE NUN	목	7	1	7	7								
A K	BOTTOM DEPTH		<u> </u>	S S			Cleaned air bleed valve	PTH =	TRANS. S/N	SAMPLE BOTTLE NUMBER	NUTR	33	39,	390	393								
STATION DESIGNATION	CLOUD (amt) YPE MEATHER	Τ.,		REMARKS			Clean	MAX. DEPTH=	TRAN	SAMF	SAL	1	Ĭ										
STAT	WW SOLOUD (amt)							 I		тте													
	YTISIBILITY BY ED S. S. S. S. S. S. S. S. S. S. S. S. S. S	(ded)			leader		ļ			SAMPLE BOTTLE DATA	SALINITY												
	PRESSURE SEA STATE VII IIRII IV	٠	7-0	 	File Name/Header				Z	SAN									ő				
	WET 65	(C)		DATA LOCATION	File	,			CHIAM S/N		  -												
DSDB I.D.		(ها		DATA							SALINITY												
8	DRY BULB	(၃)			tte ID				182														
5.5	TIME (GMT)	HR MIN	22/5	ja	Tape/Diskette ID				N_ 0 2	ALUES	EMP											_	
PROJECT & LEG H X 2 4 5		YR	0		<u> </u>				FLUOR S/N_	CTD CONVERTED MONITOR VALUES	SEC. TEMP												
PROJEC H X	DATE JD=	WO	NUL41mac							LED MO			_			dip							$\dashv$
	DATI	DAY	<i>H</i> 1 <i>H</i>	JD/TIME					7	ONVER	EMP.					7							
	UDE	MIN	9	5	ı	İ			4 4 9 7	CTD	PRI. TEMP.	,				00							
	LONGITUDE		14		S	START DOWN	Ĕ	AT SURFACE								_							$\dashv$
		DEG	166	TIMES	DATA ON	START	AT DEPTH	AT SU	PAH		URE											ļ	
	뜅	-	5 2N I	2	6 7						PRESSURE					$ I_j $							
	LATITUDE	N	4	507-053	684	2578	2708	838	2272							/							_
VESSEL RV Alpha Helix		DEG	6954	SBE 9+ 09P 19507-0533	·	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SIN	TRIP DEPTH		70	25	30	0	0							
VESSEL RV Alpha	CONSC CAST#		3	SBE 94	PRESS SN	PRI TE	SEC TI	<u>R</u>	SECC	Pos.		-	2	က	4	လ	9	7	8	<u>.</u>	9	=	12

											Other	7	1	1	1								
	STA. NAME/ID							ε		BEB	PAM												
1			20				ed valve			LE NUM	콩	\	^	\	1								
STATION DESIGNATION	О ВОТТОМ ВОЕРТН	Œ	73	ဟ			Cleaned air bleed valve	H=	S/N	SAMPLE BOTTLE NUMBER	NUTR.	166	395	396	397								
N DESI	HHIMAW	*		REMARKS			Cleane	MAX. DEPTH=	TRANS. S/N	SAMPL	SAL.	7.04		(1)	<b>V</b> 3								
STATIC	SP WIND (amt)	. (s/w)		<u> </u>				<u>  ≥</u>		3.6		11										+	
	WIND DIRN.	(deg)			ader					SAMPLE BOTTLE DATA	SALINITY												
	SEA STATE VISIBILITY			_	File Name/Header					SAM													
	PRESSURE	(qm)		CATIO	E E				CHIAM S/N														
31.D.	WET	(ാം)		DATA LOCATION		1			<u> </u>	] ]	SALINITY												
DSDB 1.D.	DRY BULB	(၁.)	-	۵	<b>⊙</b>				8 2		<i>\</i>												
	. <u></u>	NIM	19		Tape/Diskette ID				0 2 1	ន្ទ													
k LEG	TIME (GMT)	HR MIN	1224	_	Таре				FLUOR S/N_	R VALU	SEC. TEMP												
PROJECT & LEG		AY C	0						FLUOF	CTD CONVERTED MONITOR VALUES	SEC												
PRC	D <u>ă</u> te JD=	DAY MO	N O C A							RTED													
		D)	1 mK	JD/TIME					2 6	CONVE	PRI. TEMP.												
	ITUDE	MIN	8.6	•	'	₹		Ш	~	CTD	PRI												
	LONGITUD	9	99	တ္သ	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR S/N														
$\square$		DEG	Z	TIMES	$\neg \neg$	STA	ATD	AT S	<u>'</u>		PRESSURE												
	, , , ,	7	35	533	68467	82	8	<b>~</b>	72		PRE												
	LATITUDE	G MIN	4 3	19507-0	9	2578	N 2708	8638	N 2272	a 표		١٥	0	2	2								
VESSEL RV Alpha Helix	% + -	DEG	450£	SBE 9+ 09P 19507-0533	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		65	30	91	0								
VESSEL RV Alpha	CONSC CAST#			SB	PRES	PRIT	SEC.	<u>R</u>	SEC	POS.		-	7	3	4	2	9	7	8	6	10	=	12

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	STA. NAME/ID						g	٤	l	ABER	PAM												
2	~ ≥						Cleaned air bleed valve			SAMPLE BOTTLE NUMBER	CHL.	7	7	7	/								
TION	BOTTOM DEPTH	E	5				ir blee	п		JE O		4	6	0	1						_	_	
Sign	<u> </u>			KS			ned a	EPTH	TRANS. S/N	PLEB	NUTR.	38	389	NA	94								
STATION DESIGNATION	WEATHER	•		REMARKS			- E8	MAX. DEPTH =	TRA	SAM	SAL.												
TATIC	CCOUD (smt)	. (s/w)		<u> </u>			<u> </u>	_≥		<u> </u>													-
S	WIND W				-	Ž.			1	SAMPLE BOTTLE DATA	<b>∠</b> LIN												
	VISIBILITY 등 등	(deg)			leade					MPLE BO DATA	SALINITY												
	SEA STATE	*		-	ame/l-					₩.													
	PRESSURE	(qw)	H	DATA LOCATION	File Name/Header				ChIAM S/N														
	WET BULB	(၁့)		700			5		ਤੋਂ		<u>≧</u>												
DSDB 1.D.				DATA						Ï	SALINITY												
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OJECT		-	0 N U 6 7 1 W 0						FLUC	DINO	Š												
PRO T	DATE JD=	OW	U					l													$\dashv$		$\dashv$
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				JD/TIME					9.7	00 Q	PRI. TEMP.												
	LONGITUDE	N	5.5			z		ш	4 4	១	<u> </u>										,		
	-ONG				S	Od	튜	3FAC	PAR S/N														
	_	DEG	166	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR		끭												
		Ħ	OZ N		7	0)		- ¥		y 	PRESSURE												
	UDE	_	0	88	ဖ	œ	œ		Ŋ		H												
	LATITUDE	WIN	તં	507-0	684	2578	2708	638	2272												_		_
Helix		DEG	49	3P 19		ี้ เ	NS.	์ SS C	NS Q	TRIP DEPTH		84	30	0	0								
VESSEL RV Alpha Helix	CONSC CAST#		1/2	SBE 9+ 09P 19507-0533	PRESS SN	PR! TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN			1								$\square$	_	$\dashv$	_
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		, <u>.</u>								Other	1	7	7	7	/							
	STA. NAME/ID						E		BER	PAM												
2 3	2	\\\				Cleaned air bleed valve			SAMPLE BOTTLE NUMBER	F	7	7	7	7	7			•				
STATION DESIGNATION	ВОТТОМ DEPTH	(E)	l			d air ble	#	NS.	Е ВОТТ	NUTR.	462	703	404	403	404							
DESIG	Haniaayy	*	REMARKS			Cleane	MAX. DEPTH=	TRANS. S/N	SAMPL	SAL. N		7	-10	Ú	7							
ATION	SPIND (smt)	(s/w)	34				<u>\</u>			Š	1-61	<u> </u>										
IS_	WIND WI			_	1			,	BOTTL TA	<b>∠LI</b>				- 1								
		(deg)		File Name/Header					SAMPLE BOTTLE DATA	SALINITY											1	
	PRESSURE SEA STATE	*	N	Name/				  -  -	S													
			OCATI	File				CHIAM S/N		>-												
DSDB I.D.	WET	(°)	DATA LOCATION		١				].	SALINITY												:
	DRY BULB	(၁)		₽				8 2		S												
		Z		iskette				2 1	S													
5 5	TIME (GMT)	HE		Tape/Diskette ID				0 - N	VALUE	EMP												
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	JOE 10E	<u>_</u> H_	8	7 9 4	<u></u>	أي		٠,		PRE												
		- I - f	3507-05	9 8 9	257	270	88	1														
a Helix	,		99P 15	SS SS	NS de	MP SN	S S	ND SN	TRIP DEPTH		66	80	30	01	6							
/ESSEI	CONSC		第 第	PESS	A TEN	EC TEI	<u>ال</u> ا	9			-	2	3	4	2	9	7	8	6	10	11	12
VESSEL RV Alpha Helix	LATITUDE	DEG MIN DEG MIN DAY	SBE 9+ 09P 19507-0533 TIMES JD/TIME	8 4 6	PRI TEMP SN 2578 START DOWN	SEC TEMP SN 2708 AT DEPTH	PRI COND SN 638 AT SURFACE	SEC COND SN 2272 PAR SN _ 4 4 9 7	_	PRESSURE PRI. TEMP.	1 66					9	7		6	10	11	

VESSEL RV Alpha Helix				PROJECT & LEG H X 2 4 5	7.8.LEG 2.4.5	DSDB I.D.	BI.D. —		<u> </u>	TATION	STATION DESIGNATION	NON TO NO			
CONSC CAST #	LATITUDE	FONG	LONGITUDE	DATE JD=	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY	WIND DIRN.	SP. NO. (amt) CLOUD (amt) TYPE	медтнея ВОТОМ	2	STA.		
DEG	NIM	DEG	H	O <b>W</b>	YR HR		(C)	-	(ge-	, (s/m)		++			
7353	7.35359. 78AN	1161515	7.38 W15	15/2 UN 0	1001 C							7 6			
SBE 9+ 09P 19507-0533		TIMES	JD/TIME	Æ		٥	DATA LOCATION	N <sub>O</sub>		뜊	REMARKS				
PRESS SN	68467	DATA ON			Tape/Diskette ID	kette ID	File	File Name/Header	₃ader						
PRI TEMP SN	2578	START DOWN	¥						į	Щ					
SEC TEMP SN	2708	АТ ОЕРТН									leaned air	Cleaned air bleed valve	2		
PRI COND SN	. 889	AT SURFACE	, M							₩	MAX. DEPTH =		ε		
SEC COND SN	2272	PAR S/N_	_4497	T. W.	FLUOR S/N_ 0 2	2 1 8 2	CHIAM S/N	NS.			TRANS. S/N				
POS. TRIP DEPTH			ł	CTD CONVERTED MONIT	ONITOR VALUES	,		SAM	SAMPLE BOTTLE DATA		AMPLE B(	SAMPLE BOTTLE NUMBER	MBER		
	PRESSURE	JRE	PRI. TEMP.		SEC. TEMP	75	SALINITY		SALINITY	SAL	L. NUTR.	CHL.	PAM	Other	
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3 30											<u>E</u>	<b>2</b>		5	
4 10											604)	<i>J</i> ) (4		١	
9	T										410	^		>	73-3
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Q	STA. NAME/ID					Ve	2		MBER	PAM									Ì				415
3		93				Cleaned air bleed valve			SAMPLE BOTTLE NUMBER	동	<i>/</i>	^	^	1	^								7/11-412
STATION DESIGNATION	8 =	E 6	S S			hed air b	= HTH=	TRANS. S/N	LE BOT	NUTR.	411/	412	403	414	11/5								Th
ON DES	MEATHER CLOUD (amt)	*	REMARKS		ſ	Clear	MAX. DEPTH =	TEAN	SAME	SAL.	74-1												
STAT		(m/s)							отте.	≥													
	VISIBILITY OF WIND	(deg)		leader					SAMPLE BOTTLE DATA	SALINITY										,			
		• l ¨	8	File Name/Header				N/S	-SA														
			DATA LOCATION	File				ChIAM S/N	1	 		:											
DSDB I.D.		+	DATA					<u> </u>	1	SALINITY													
	DRY BULB	<u>ଅ</u>		ette ID				182															
	TIME (GMT)	HR MIN		Tape/Diskette ID				0 5	ALUES	d¥													
PROJECT & LEG H X 2 4 5	•	<u>- 1</u>		<u> </u>				-NVS HOUTH	CTD CONVERTED MONITOR VALUES	SEC. TEMP													
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	ONG	53		S	START DOWN	Ħ	AT SURFACE																
Ш		DEG N 1 6 £	TIMES	DATA ON	STARI	AT DEPTH	AT SUI	PAF	]	SURE					:								
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	2	W -	SBE 9+ 09P 19507-0533	684	2578	2708	638	2272									_						
VESSEL RV Alpha Helix		74 513	+ 09P 1	NS S	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		83	as	30	Q1	0								
VESSEL RV Alpha	CONSC CAST#	7	SBE 9	PRESS SN	PRIT	SEC 1	표 표	SECC	POS.		1	2	3	4	2	9	7	8	6	10	11	12	

										Other	7	٥	И	`								
a	V STA. NAME/ID			<u> </u>			ε	ı	BER	PAM												
Z N	> × ×		- 			wley pea			LE NUM	耔	7	7	7	/								
IGNATIO	ВОТТОМ DEPTH	-	₹ <u>}</u> S			Cleaned air bleed valve	PTH=	TRANS. S/N	SAMPLE BOTTLE NUMBER	NUTR.	411	44	814	<i>b1</i> h								
STATION DESIGNATION,	S WIND CLOUD (amt) TYPE WEATHER	•	REMARKS			Clean	MAX. DEPTH =	TRAN	SAMF	SAL.												
STAT	D WIND	(w/s)				1	 1		ЮТТ А	ΥTI												
	YTIJIBISIV ON WIND	•		/Header			:		SAMPLE BOTTLE DATA	SALINITY												
	PRESSURE STATS A3S	(qw)	- P	File Name/Header				CHIAM S/N	S		<u> </u>											
_i 	WET	<u>စ</u>	DATA LOCATION	ίΞ			i . !	CHA		SALINITY												
DSDB I.D.	DRY BULB	(၁)	-  š :					8 2		SAL												
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t LEG 4 5	TIME (GMT)	또	72	Tape/				FLUOR S/N_	R VALUE	SEC. TEMP												
PROJECT & LEG H X 2 4 5		MO YR	- 0 N O C		1	<b>I</b> :		FLUOF	MONITO	SEC												
<u>E</u>	DATE JD=	DAY .	고 크						VERTED	<u></u>												
		2	JD/TIME					497	CTD CONVERTED MONITOR VALUES	PRI. TEMP.												
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	H	DEG	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR S/N	]	URE												
	B	<u> </u>	∑	8 7						PRESSURE												
	LATITUDE	DEG MIN	SBE 9+ 09P 19507-0533	684	2578		838	1 2272				_			$\Box$							
VESSEL RV Alpha Helix			7 480 ±	S SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		50	30	01	a								
VESSEL RV Alphe	CONSC CAST#	1	SBE 9	PRESS SN	PRI	SECT	PH C	SEC (	POS.		1	2	3	4	5	9	7	8	6	10	Ξ	12

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	Ą. ZID				-			Ε		<b>E</b>	PAM 0						-						
\ n <sub>e</sub>	STA. NAME/ID		=				d valve			SAMPLE BOTTLE NUMBER	CHL.	5	1	_	1	`			ï			$\dashv$	$\dashv$
ATION	ВОТТОМ DEPTH	(m)	96				Cleaned air bleed valve	<del>-</del>		BOTTLE	NUTR. C	Q		2									-
STATION DESIGNATION	WEATHER	╽┟	$\exists$	REMARKS			eaned (	MAX. DEPTH =	RANS. S	AMPLE		CEH 1-		CO2	423	424						_	
TION	TYPE CLOUD (amt)	*	$\exists$	REM				¥	Ë		SAL	1-7%											
STA	WIND SPD.	(m/s)								OTTLE V	≥												
	WIND DIRN.	(Gep)			eader					SAMPLE BOTTLE DATA	SALINITY											l	
	SEA STATE VISIBILIY	*			me/H					SAN											į		
	PRESSURE	(qw)		ATION	File Name/Header				ChIAM S/N														
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k LEG 4 5		$\rightarrow$	<u> </u>		_ <u></u>				FLUOR SAN_	JR VAI	SEC. TEMP												
PROJECT & LEG H X 2 4 5		사	0 Z						FLUO	MONITC	SEC						:						
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	DA.	DAY	-	JD/TIME					2 6	CTD CONVERTED MONITOR VALUES	EMP.												
	DE	NW	05/w	号	I	ı	ļ		4 4 9	СТОС	PRI. TEMP.												
	LONGITUDE	3	15/2		7	NMO	Ŧ	ACE:	1														
	2	EG EG	60	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR S/N		끭												
		#	킑		7		$\overline{}$	_∀		l	PRESSURE												
	LATITUDE	z	ř	833	ဖ	2578	2708	œ:	2272		HA:												
	LAT	¥ S	326	19507-(	684	[		638		a. E		\	_	^									=
VESSEL RV Alpha Helix		DEG	7651356.39N165	SBE 9+ 09P 19507-0533	SS	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		85	25	30	01	Q				İ			
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\* 2 6 407 38 424 430 72 433 MAX. DEPTH = 25 REMARKS (S/W) SAMPLE BOTTLE SALINITY DATA (ged) File Name/Header PRESSURE DATA LOCATION ChIAM S/N WET BULB ပ္ SALINITY DSDB I.D. ORY BULB 02182 Tape/Diskette ID 8.56 N 16630.61 W 15 JUN 0 1 1508 HR MIN CTD CONVERTED MONITOR VALUES FLUOR SAN\_ SEC. TEMP PROJECT & LEG H X 2 4 5 YR DAY MO DATE JD= JOTIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE PAR S/N\_ AT DEPTH DATA ON TIMES PRESSURE 68467 LATITUDE SBE 9+ 09P 19507-0533 2578 2272 SEC TEMP SN 2708 638 290 30 SEC COND SN トラセナ 00 2 DEPTH 500 200 10 PRI COND SN 930 TRIP Q RV Alpha Helix PRI TEMP SN PRESS SN CONSC CAST# VESSEL POS. 42 9 = S 9 œ

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