12	1	10	9	8	7	6	5	4	ω	2			POS.	SEC CO	PRI COND SN	SEC TE	PRI TEMP SN	PRESS SN	SBE 9+ 09P;		9	CONSC	VESSEL RV Alpha
		0	O	8	2	N	50	154	000	50	び		TRIP DEPTH	SEC COND SN	ND SN	SEC TEMP SN_	MP SN _		09P;	59	DEG		VESSEL RV Alpha Helix
												PRESSURE		2251	2272	2578	1771	63503		N M L · Cas	ME	ATITUDE	
												SURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES		DEG	1000	
												PRI. TEMP	CTD CO	Z 91 6	Ě	1	<u>≷</u> 		JD/TIME	0.33w	MIN	ONGITUDE	ч.
					-							MP.	CTD CONVERTED MONITOR VALUES	57 2 7					IME.		DAY MO	DATE JD=	PROJE(
										3	<u> </u>	SEC. TEMP	10NITOR VA	FLUOR S/N		1	· 	Ta		y 0 4	YR F		PROJECT & LEG
												Đ	LUES	0 4 5				Tape/Diskette ID		9006	MZ	TIME DR	
												SALINITY		1 6	1			ō	DATA	_ _		DRY BULB B	DSDB I.D
												ITY		Oxygen	<u> </u> 			File Na	LOCATION	. 16		WET PRESSURE	
												SALI	SAMPLE			:		File Name/Header	-	36/	* (SEA STATE VISIBILITY DE SEE	
	I											SALINITY	SAMPLE BOTTLE DATA		12		 	<u> </u>	77	016		S N S N S N S N S N S N S N S N S N S N	STATIO
		2		-								SAL. N	SAMPLI	TRANS, S/N	MAX. DEPTH = 22	Cleanec	1		REMARKS	78t	* \	TYPE WEATHER	
		7	1	7.	1	1	1	7	9	1	7	NUTR. C	SAMPLE BOTTLE NUMBER	S/N	よってに	Cleaned air bleed valve				D34	(m)	BOTTOM DEPTH	SIGNATION
			7	1								CHL. PAM	NOMBER		3	valve	:	:		7		STA.	3

12	1	10	9	8	-	7	6	5	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P			CAST#	VESSEL RV Alpha
:		İ		3			\ 0 1	30	5	な	100	さむ		TRIP DEPTH	OND SN	ND SN	MP SN	MP SN	- NS	09P:	12 S	DEG	# O	VESSEL RV Alpha Helix
													PRESSURE		2251	2272	2578	1771	6 3 5 0 3		07 28N	MIN	LATITUDE	
													URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1484	DEG	LONG	
		i i				İ							PRI. TEMP.	CTD CONVE	4516	m		Ž		JD/TIME	5 . 49 W	Ц	LONGITUDE	
						_							SEC.	CTD CONVERTED MONITOR VALUES	XFLUOR S/N]					6 M a y 0 4	Y MO YR	DATE JD=	PROJECT & LEG
				=									TEMP	RVALUES	S/N_ 0 4 5				Tape/Diskette ID		$\overline{}$	싀	TIME (GMT)	LEG 3 4
													SALINITY		5 1 6	1			te ID	DATA	3	\neg	DRY BULB E	DSDB I.D.
	3												YTI		Oxygen				File Nar	DATA LOCATION	16	(mb)	PRESSURE	
													SALINITY	SAMPLE BOTTLE DATA					File Name/Header		v	* (deg)	SEA STATE VISIBILITY DIRN.	ST
			-1-										SAL.		TRAI	MAX. DEPTH =	Clea]		REMARKS	0782	*	SE E E E E E E E E E E E E E E E E E E	ATION DE
				7	<		<	<	1	9	1	V	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	EPTH =	Cleaned air bleed valve			KS		\neg	ВОТТОМ	STATION DESIGNATION
				~	5		-	-					어.	TLE NUMB			∍ed valve					\dashv	M STA.	3 5
													PAM	ĒR		3					3		!!/ID	

12	11	10	9	8	7 10	් ර්	50	4	3 100	2 13	1 175		POS. TRIP DEPTH	§	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P;	555	DEG	CONSC CAST#	VESSEL RV Alpha Helix
												PRESSURE		2251	2272	2578	1771	6 3 5 0 3		31.14N	_	LATITUDE	
					i							ORE I		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	14949	DEG	LONGITUDE	
		E			•	}	į			;		PRI. TEMP	CTD CONV	4516			Ž		JD/TIME	MOS.			
													CTD CONVERTED MONITOR VALUES	X FL]		ļ.		m	Мау	DAY MO	DATE ID=	PROJECT & LEG
	·											SEC. TEMP	TOR VALUES	FLUOR S/N _ 0				Tape/Di		0 4 06 5	YR HR MIN	TIME	T & LEG 2 8 4
										<u> </u>		SALI		4516				Tape/Diskette ID	D	6.3	-	DRY BUILB	DSDB I.D.
	ļ					ļ						LINITY		Oxygen				File	DATA LOCATION			WET	31.D.
										!		SALINITY	SAMPLE BOTTLE DATA					File Name/Header	N	3	* 5	PRESSURE SEA STATE VISIBILITY DESCRIPTION	-
	i					!					_				MA			<u> </u>	R	1419	(m/s) *	S ≦ S S CLOUD (amt)	STATION
	 			<		5	<	5	~	1	7	SAL. NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			REMARKS	2 199	* T	YPE VEATHER DIDTION	STATION DESIGNATION
												CHL. PAM	TLE NUMBE		m &KI	leed valve				9 12	+	OM STA.	ON.

1000

	G)
	2)
1		

POS. TRIP CTD CONVERTED MONITOR VALUES S/	DRI TEMB	האביני בואד.	D TRESSORE TRI. IEMIT. SEC. IEMIT	TAL TEMP. SEC. LEMP.	100 100 75'	100 75 100 100	100 75 50' 40'	100 100 100 100 100 100 100 100	100 75 40' 40' 30' 30'	100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100	100 100 100 100 100 100 100 100
		TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY	TEMP SALINITY
	SAMPLE BOTTLE SAMI	σ	· σ	σ	l σ L	σ	ω			R I I I I I I I		
	OAMPLE BOTTER NOMBEX	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM	NUTR. CHL. PAM

	P G
1	
	유

D Bongot at M3 PG ___OF_

	K					
VESSEL RV Alpha Helix		PROJECT & LEG	DSDB I.D.	STAT	STATION DESIGNATION	そ 回
CONSC		TIME	ESSURE	STATE BILITY SOLUTION OUD (amt)	ATHER	ST A
CAST # LATITUDE	LONGITUDE DATE	(GMT)	JLB BULB	DIRN.	' WE	z
	W	M a y 0 4		(109)	- 26	
SBE 9+ 09P	TIMES JD/TIME		DATA LOCATION		REMARKS	
PRESS SN 6 3 5 0 3	DATA ON	Tape/Diskette ID		File Name/Header	Spacal	つま
PRI TEMP SN 1771	START DOWN				had sec	Seoplems
SEC TEMP SN 2578	AT DEPTH				Cleaned air bleed valve	ed valve
PRI COND SN 2272	AT SURFACE]		(MAX. DEPTH	3
Š	PAR S/N _ 4 5 1 6	4	5 1 6 Oxygen		TRANS. S/N	
POS. TRIP DEPTH	CTD CONVERTE	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	LE NUMBER
PRESSURE	SURE PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL. NUTR.	CHL. PAM
2						
ω						
4						
CJ .						
6						
7						
8						
9						
10						
=======================================						
12						

				Che	seb-headse			 	
VESSEL RV Alpha Helix		PROJE(PROJECT & LEG H X 2 8 4),	STA	STATION DESIGNATION	GNATION	
CONSC:	LONGITUDE	DATE JD=	1333 TIME (GMT)	DRY BULB	WET PRESSURE	SEA STATE VISIBILITY DIRN. WIND SPD. CLOUD (amt)	TYPE WEATHER	205 BOTTOM DEPTH	STA. NAME/ID
	DEG MIN	10	YR HR MIN	(0°)	(mb)	ውይ! (deg)	* * *) (m)	د د ۲
	TIMES	Ē		DA:			REMARKS		
PRESS SN 6 3 5 0 3	DATA ON		Tape/Diskette ID	cette ID	File Nam	File Name/Header			
PRI TEMP SN 1771	START DOWN								
SEC TEMP SN 2578	AT DEPTH						Cleane	Cleaned air bleed valve	valve
PRI COND SN 2272	AT SURFACE						MAX. DEPTH =	= HIc	3
SEC COND SN 2251	PAR S/N _ 4 5	1 6	FLUORS/N_ 0 4	5 1 6	Oxygen		TRANS. S/N	3. S/N	
POS. TRIP DEPTH	СТ	CTD CONVERTED MONITOR VALUES	ONITOR VALUES	1		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	NUMBER
PRESSURE		PRI. TEMP.	SEC. TEMP	SALINITY	UTY	SALINITY	SAL.	NUTR. CHL.	IL. PAM
- (x)									
2 150									
3 100 4									
4 27									
5 500									
7 20 1									
8 10									
0			:						
10									
12								 	

PG ___OF_

PROJECT & LEG
* SEA STATE VISIBILITY (deg) WIND A WORLD

PRI COND SN

PRI TEMP SN PRESS SN SBE 9+ 09P CONSC CAST#

VESSEL

POS.

12

10 9 ω

6 ഗ ω N

S

PG	
0	
Ē	

12	1	10	9	8	7	6	5	4	3	2 100	- - - /\		POS. TRIP DEPTH	ļģ	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P;	8 2 h 1	CONSC CAST#	VESSEL RV Alpha Helix
			0	10	3	30	40	3	75	9	1	PRESSURE	7 7	SN 2251	N 2272	SN 2578	N 1771	63503		8 3 9 . 8 9 N	าีร	İİX
												SURE .		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1 48 S	LONG	
												PRI. TEMP	CTD CON	4516	m		≥ 		JD/TIME	W 40	LONGITUDE	
-												, P	IVERTED MO	<u> </u>			:		ME	16 N	DATE JD=	PROJE(
												SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N 0				Tape/[6	TIME (GMT)	PROJECT & LEG H X 2 8 4
		,			ŀ							(0	 	4516				Tape/Diskette ID		4.9 6.7	DR:	DSDB
			U	}				!				SALINITY		Oxygen]	<u> </u> 	File	DATA LOCATION	. (WET BULB)B I.D.
									:		!	SAL	SAMPLE					File Name/Header	NOI	6	* SEA STATE * VISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA				 	er		20011	WIND SPD.	STATIO
												SAL.	SAMP	TRANS. S/N	MAX. DEPTH =	Cleane	1		REMARKS	c0	WEATHER	STATION DESIGNATION
			<	1	9	1	1	1	1	1	9	NUTR.	SAMPLE BOTTLE NUMBER	S. S/N	PTH=	Cleaned air bleed valve			Ś	134	BOTTOM DEPTH	GNATIO
												운	TE NOM			ed valve					1	. z
												PAM			3					K210	STA. NAME/ID	

10	10	9	& O	7 10 4	6 20 4	5 30 4	4 44	3 50,	2 75	<u>-</u>		POS. TRIP DEPTH	SEC COND SN 2251	PRI COND SN 2272	SEC TEMP SN 2578	PRI TEMP SN 1771	PRESS SN 6 3	SBE 9+ 09P;	W	CAST # LATITUDE	CONSC	VESSEL RV Alpha Helix
				23							PRESSURE		<u> </u>				5 0 3 D	1	1 N 3 H	_		
					:						<u> </u>		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	8 52	LONGITUDE MIN		
											PRI. TEMP.	CTD CONVE	4 5 1 6					JD/TIME	Why	\dashv		_
											SE	CTD CONVERTED MONITOR VALUES	L FLUC						M a y	DATE JD=		PROJECT & LEG
					:						SEC. TEMP	OR VALUES					Tape/Diskette ID		4 17	YR HR MIN	TIME	&LEG 8 4
											SA		4 5 1 6				kette ID	DA		DRY BULB		DSDB
											SALINITY		Oxygen]	1	 	File	ATA LOCATION		BULB (n		1.D.
											SALINITY	SAMPLE BOTTLE DATA					File Name/Header	ON	06/	* SE * VIS DIRN. (deg)		
			SQ2								Y SAL.			MAX. [Cle		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	REMARKS	20	(m/s) * CL	OUD (amt) PE ATHER	STATION DESIGNATION
											NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			RKS	2 113			ESIGNATION
_											CHL. PAM	E NUMBER		3	d valve				K211	NAME/ID	STA.	

PG ___OF__

12	11	10	9	α	5	7	<u></u>	ڻ ن	4	ω	2			POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P;	<i>∞</i>		CONSC CAST#	VESSEL RV Alpha Helix
Ø	(O	20	8	20	3	25	8	200	200	388	005	710		TRIP DEPTH	ID SN	D SN	IP SN	SN 	Z 6	9P:	185	DEG	_	Helix
													PRESSURE		2251	2272	2578	1771	3 5 0 3		5.36 N	ĭZ.	LATITUDE	
				+									URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	14833	DEG	LONGITUDE	
	1						1					į	PRI. TEMP	CTD CON	4516	'''		z 		JD/TIME	W & T			
		 											<u> </u>	VERTED MOR	X					m	(6 M a y	DAY MO	DATE JD=	PROJECT & LEG
									l				SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N_ 0	-			Tape/C		0 4 21 1	YR HR MIN	TIME (GMT)	T & LEG 2 8 4
												i		-	4516		,		Tape/Diskette ID	_	۲. ه	(°C)	DRY BULB	DSD
	1					# 1 **							SALINITY	i	Oxygen		1	1	File	DATA LOCATION	•	(°C)	WET BULB	DSDB I.D.
	<u> </u> 											<u> </u>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Q A	-				File Name/Header	ÖN	19361		SEA STATE VISIBILITY	
												;	SALINITY	DATA	n potti n				der		19013	(m/s)		STATI
	<	1	<u>†</u>					T				χ.	SAL	, i	TRA	MAX. DEPTH =	Clear		!	REMARKS	→ 00 2) ,	CLOUD (ami TYPE WEATHER	STATION DESIGNATION
<		,		-	,<	,				, (,	NUTR.		TRANS. S/N	EPTH =	Cleaned air bleed valve			S	765		ВОТТОМ	ン SNA IO
													CHL.				leed valv							
													PAM		AREA REP	3	ď	·			214		STA. NAME/ID	

12	1	10	9	00		7	6	σı	4	ω	2			POS.	SEC C	PRI CC	SEC TI	PRI TE	PRESS SN	SBE 9+ 09P	66		CONSC CAST#	VESSEL RV Alpha
			c	101		3	30	407	50	24	100	5		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	ı	+ 09P;	35906	DEG		VESSEL RV Alpha Helix
			1		13051	\ -	4		1				PRESSURE		2251	2272	2578	1771	6 3 5 0 3		6.05 N	MZ.	LATITUDE	
		İ		:	م ا	7				1		_	URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15059	DEG	LONGITUDE	
	÷ .			i	100 P				ľ	1			PRI. TEMP	CTD CON	4 5 1 6	l		z 		JD/TIME	1 4 & W (MZ		
					a Carry	_ _ _								VERTED MON		[]				Ē	(7 M a y	DAY MO	DATE JD=	PROJE(
			i		Ad was	1			t.				SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0				Tape/E		0 4 16 2	YR HR MIN	/とより TIME (GMT)	PROJECT & LEG
				0	1 report	<u>-</u>				j			48		4516				Tape/Diskette ID		6.6	AIN (°C)	.↓ E DRYBULB	DSDB I.D.
					į					 			SALINITY	[Oxygen]			File	DATA LOCATION		(°C) (r	WET BULB	B I.D.
		_											SALINITY	SAMPLE BOTTLE DATA			·		File Name/Header	ON	2436100	* (deg)	PRESSURE SEA STATE VISIBILITY DIVIN	
						<u> </u> 							SAL.		☐ TR	MAX.	<u></u>			REM/	1178	*	SEND CLOUD (amt) TYPE	STATION D
				_			<	1	9	1	5	\Box	NUTR.	MPLE BOTT	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve	moon two	Mosa	REMARKS	5 169	*	WEATHER)66 DEPTH	STATION DESIGNATION
													CHL. PAM	SAMPLE BOTTLE NUMBER		3	ed valve	Some	2	:	9 6952		M STA.)V Z

12	1 1	10	9	8	7 /10	+	9	ه ا ا	4 570	3 75	2 100	1 150		POS. TRIP	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN 6	SBE 9+ 09P;	2 2 5 9 0	DEG	CONSC	VESSEL RV Alpha Helix
													PRESSURE		2251	2272	2578	1771	3 5 0 3		3 2 N	Miz	2 1 1 1 1 1 1	
													URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	25.4	DEG MIN		
													PRI. TEMP.	CTD CONVE	4 5 1 6					JD/TIME	62 W			_
				ı					_				SEC	CTD CONVERTED MONITOR VALUES	FLUOR S/N						Мау 0	DAY MO YR	5	PROJECT & LEG
													SEC. TEMP	R VALUES	4				Tape/Diskette ID		╀	HR MIN		LEG 8 4
													SALINITY		5 1 6				tte ID	DATA	00	(°C)		DSDB I.D.
													7		Oxygen				File Nam	DATA LOCATION	21	<u> </u>	RESSURE	
													SALINITY	SAMPLE BOTTLE DATA					File Name/Header		$\overline{}$	* (deg)		8
						<u> </u> 					õ	S S S S S S S S S S S S S S S S S S S	SAL.		☐ TR	MAX.			l	REMARKS	\$7 F	* T	S ≦ S E LOUD (amt) YPE	TATION D
				(, ,		<	\	\	(~	1	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			RKS	2 16	(m)	EATHER BOTTOM	NOITANDISED NOITATS
											-		CHL.	TTLE NUN			leed valv					+		2 3 N
													PAM	/IBER	220	3	Ф				GPE3	NAME/ID	STA.	

12	11	10	9	8	7 104	6 20,	5 200	4 50-	3 75-	2 1004	1		POS. TRIP DEPTH	COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN 6	SBE 9+ 09P;	024585	DEG	CONSC	VESSEL RV Alpha Helix
												PRESSURE		2251	2272	2578	1771	3 5 0 3			Min		
												RE	į	PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15055	DEG		
				į	:					İ		PRI. TEMP	CTD CO	4516	m		≨ 		JD/TIME	5.96W	MIN		
_ _			i I	İ	_		_	i				MP.	CTD CONVERTED MONITOR VALUES						IME		DAY MO		PROJE H X
												SEC, TEMP	ONITOR V	FLUOR S/N				Te		y 0 4 (YN YN F		PROJECT & LEG
					_							₩P	LUES	_ 0 4 5				Tape/Diskette ID			HR MIN		
												SALI		16				e	DAT	6.2	(°C)		DSDB I.
	,											JNITY		Oxygen				File t	TA LOCATION		+	E E	I.D
		i										SAL	SAMPLE D.					File Name/Header	ž	e ()	* S * V	RESSURE EA STATE ISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA		ļ ļ				_	10		Z VIND Z VIND LOUD (amt)	STAT
										2	1 P	SAL. NI	SAMPLE	TRANS. S/N	MAX. DEPTH =	Cleaned	2	Tage of	REMARKS	7 00 12	* T	YPE /EATHER	STATION DESIGNATION
			İ	_	, \		(1	7	7	7	NUTR. CHL.	SAMPLE BOTTLE NUMBER	S/N	구 =	Cleaned air bleed valve		2 5	REMARKS M 177 12 WA	139	(m)	BOTTOM	NATION
												PAM	NUMBER		3	alve		. 7	202	りまるの	NAME/ID	STA.	

12	11	10	9	8	7 20	6 30	5	4 +77	3	2 150	1 (70)	PRESSURE	POS. TRIP DEPTH	§	PRI COND SN 2272 AT SURFACE	SEC TEMP SN 2578 AT DEPTH	PRI TEMP SN 1771 START DOWN	PRESS SN 6 3 5 0 3 DATA ON	SBE 9+ 09Pi TIMES	45.13N15052	CONSC CAST # LATITUDE LONGITUDE	
				i.					:			PRI. TEMP. SEC.	CTD CONVERTED MONITOR VALUES	4 5 1 6 KELUOR S/N					JD/TIME	1 9 W T M a y	TUDE DATE JD=	
						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						TEMP SALINITY	? VALUES	S/N_ 0 4 5 1 6 \(\infty\)Oxygen				Tape/Diskette ID File Na	DATA LOCATION	2018 6.5	TIME WET SO (C) (mb)	
												SALINITY	SAMPLE BOTTLE DATA					File Name/Header		36140 68	* SEA STAT * VISIBILITY (deg) (m/s) * CLOUD (ar	
			1 1	/	\		\	/ /	/		/ /	SAL. NUTR. CHL. PAM	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve		SWOODIN	REMARKS	2 3 4	* CLOUD (ar * TYPE * WEATHER DEPTH NAME/ID (m)	

12	 10	9	8 (0)	7 20	6 SO SON SONT THAN	+	3 [00	2 150	1 1901	PRESSURE PRI. TEMP	DEPTH	COND SN 2251 PAR S/N 4	PRI COND SN 2272 AT SURFACE	SEC TEMP SN 2578 AT DEPTH	PRI TEMP SN 1771 START DOWN	PRESS SN 6 3 5 0 3 DATA ON	SBE 9+ 09P; TIMES JD/	CONSC CAST # LATITUDE LONGITUDE CAST # LATITUDE LONGITUDE CAST # LONGITUDE CONSC LATITUDE LONGITUDE		Aprila Helix
										SEC. TEMP SA	CTD CONVERTED MONITOR VALUES	6 FLUOR S/N _ 0 4 5 1 6				Tape/Diskette ID	JD/TIME DAT	DATE JD= (GMT) DRY BULB (GMT) DAY MO YR HR MIN (°C)		11 × 284
										LINITY SALINITY	SAMPLE BOTTLE DATA	Oxygen	M			File Name/Header	DATA LOCATION R	* SEAS WIND DIRN. (deg)		
								/	/	SAL. NUTR. CHL. PAM	SAMPLE BOTTLE NUMBÉR	TRANS. S/N	MAX. DEPTH = m	Cleaned air bleed valve			REMARKS	* * W DEPTH NAME/ID * * (m) 7 8 2 2 2 5 5 6 7 6 6	HER	ってのユ

12	ੜੇ	10	9	8	<u></u>	7	6	5	4	ω	2	_		POS.	SEC (PRI C	SEC 1	PRI T	PRESS SN	SBE	03		CONSC CAST#	RV Alpha
				0	D	ī	20	25	0.5	24	(S)	25		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN_	PRI TEMP SN	1	SBE 9+ 09P;	23458	DEG		VESSEL RV Alpha Helix
													PRESSURE		2251	2272	2578	1771	63503		26.51 N	MZ.	LATITUDE	
									i_				ÜRE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1512	DEG	LONG	
			i										PRI. TEMP	CTD CON	4516	m		Ž		JD/TIME	0.14w	MIN	LONGITUDE	
						i							<u> </u>	CTD CONVERTED MONITOR VALUES						ΕΠ	4WI 8May	DAY MO	DATE JD=	TROJE H X
													SEC. TEMP	NITOR VALUE	FLUOR S/N_				Tape/		0 40201	YR HR	TIME (GMT)	H X 2 8 4
						į							(0)	i i	0 4 5 1 6				Tape/Diskette ID)1 6.5	MIN (°C)	E DRY BULB	DSDB
							:						SALINITY		Oxygen]			File	DATA LOCATION		(°C)	WET B BULB	. В I.D.
													SA	SAMPL	n				File Name/Header	NOI	23361	*	PRESSURE SEA STATE VISIBILITY	
													SALINITY	SAMPLE BOTTLE DATA					der		2 10	(deg) (m/s)	DIRN. WIND CLOUD (amt)	SIAII
													SAL.	SAMPI	TRANS. S/N	MAX. DEPTH =	Cleane			REMARKS	787	*	TYPE WEATHER	STATION DESIGNATION
		i		\		1	\	\	\	\	\	\	NUTR. C	LE BOTTLI	3. S/N	TH =	Cleaned air bleed valve			S	131	(m)	BOTTOM .	GNATION GNATION
													CHL. PAM	SAMPLE BOTTLE NUMBER		Э	valve				GP 5 Ø3		STA.	7

12	11	10	9	8	7	6	5	4	ω	2			POS.	SEC C	PRI CC	SEC TI	PRI TE	PRESS SN	SBE 9+ 09P	V	CONSC CAST#	VESSEL RV Alpha
						\ <i>\\</i>	0	20	30	50	80		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SSN 6	+ 09P;	1854 1890		VESSEL RV Alpha Helix
												PRESSURE		2251	2272	2578	1771	3 5 0 3		0.26 _N	LATITUDE	
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1522	LON	
												PRI. TEMP	CTD CC	1 4	CE	-	Ж. 		JD/	5.63	LONGITUDE	
												MP.	CTD CONVERTED MONITOR VALUES	6				:	JD/TIME	W I S M a	٦::''	PRO,
				:								SEC. TE	MONITOR V	FLUOR S/N		· 	· 	· 		y 0 4	5	PROJECT & LEG
												TEMP	ALUES	N_ 0 4 5				Tape/Diskette ID		2641	M M	, ,
												SAL		5 1 6				te ID	DA:	φ. Γ	DRY BULB	DSDBI
			ļ	į	-							SALINITY		Oxygen			' 	File	DATA LOCATION	. 0	, , , , , , , , , , , , , , , , , , ,	I.D.
				<u> </u>	<u> </u> 							SA	SAMPL					File Name/Header	N	25260	* SEA STATE * VISIBILITY	-
												SALINITY	SAMPLE BOTTLE DATA					der		000 00		STAT
												SAL.	SAME	TRAN	MAX. DEPTH =	Clean]	ĺ	REMARKS		* CLOUD (amt) * TYPE * WEATHER	ION DESI
												NUTR.	SAMPLE BOTTLE NUMBER	TRANS, S/N	PTH=	Cleaned air bleed valve			ŝ	90	BOTTOM DEPTH	STATION DESIGNATION
												위.	LE NOM			ed valve				90G2V1	-	GP-12
												PAM			3		į			رخ ا ب	STA.	

VESSEL RV Alpha Helix CONSC CAST # LATIT DEG MII DEG MII SEC TEMP SN 6 3 PRI TEMP SN 257 PRI COND SN 227 SEC COND SN 228	LATITUDE MIN 42.67N 6 3 5 0 3 1771 2578 2272	DEG DEG DATA STAR. STAR. AT DE AT SU	LONGITUDE DA LONGI	PRO. DATE JD= DAY MC	0 4 VR	EG TIN (GN HRR	/Diske	AE AT) DRY I MIN (°) 13 7 0 4 5 1	DSDB i.D. MET MIN (°C) (°C) 1 3 7 .5 (°C) DATA LOC DATA LOC O 4 5 1 6 Ox	DSDB i.D. MET MIN (°C) (°C) 1 3 7 .5 (°C) DATA LOC DATA LOC O 4 5 1 6 Ox	DSDB I.D. ME WET WET WET WET WET WET WET WET WET WE	DSDB I.D. DSDB I.D. STATION	DSDB I.D. DSDB I.D. STATION	DSDB I.D. STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION DESIGN STATION STATION STATION STATION DESIGN STATION STATION DESIGN STAT
	2578	AT DEPTH			-							MAX.	Cleaned air b	Cleaned air bleed valv
ND SN TRIP DEPTH		PAR S/N	4	NVERTED M	ELUOR S/N	4		0,		Oxygen	Oxygen	Oxygen SAMPLE BOTTLE DATA	Oxygen SAMPLE BOTTLE DATA	Oxygen SAMPLE BOTTLE DATA
145 145	PRESSURE	URE	PRI. TEMP	MP.	SEC. TEMP	M P		SAL	SALINITY	NITY	SALINITY SALINITY	NITY SALINITY	NITY	NITY SALINITY SAL.
2 100												C38	827	C3-8
5 20°														
» 7 Ø												7	7	7
9 8														
10					:				, , ,					
=======================================		:												
12														

12	11	10	9	8	7	1 0	D (5	4	ω	2			POS.	SEC	PRI C	SEC	PRI 1	PRES	SBE	۱۵۱	CONSC CAST#	VESSEL RV Alpha
			i		.0	- C	5 6	20	જ	50	St	120		DEPTH	Ìğ	PRI COND SN _	SEC TEMP SN	PRI TEMP SN _	PRESS SN	SBE 9+ 09Pi	39584	DEG	VESSEL RV Alpha Helix
													PRESSURE		2251	2272	2578	1771	6 3 5 0 3		+5.04N	LATITUDE	
-													SURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES		LONG	
	1			!									PRI. TEMP	CTD CON	4516	m		\S		JD/TIME	3.38w1	LONGITUDE	
-							-						<u>.</u>	IVERTED MOI]				ME	∝ ≥	DATE JD=	PROJE(
									į				SEC. TEMP	CTD CONVERTED MONITOR VALUES	ELUOR S/N _ 0				Таре/С		0 4 0 7	TIME (GMT)	PROJECT & LEG H X 2 8 4
					-		İ					_	S	S	4516				Tape/Diskette ID	_		ME DRY BULB	DSDB
;							ļ						SALINITY		XOxygen] [File	DATA LOCATION		WET BULB)B I.D.
													SAL	SAMPLI)				File Name/Header	ION	2	PRESSURE * SEA STATE * VISIBILITY	
													SALINITY	SAMPLE BOTTLE DATA		7			er	71	$\overline{}$	DIRN. WIND WIND SPD. CLOUD (amt	STATIO
+	\downarrow		_				+						SAL. N	SAMPL	TRANS. S/N	MAX. DEPTH =	Cleaned			REMARKS	2	* TYPE * WEATHER	STATION DESIGNATION
		-	1				+	+		\		_	NUTR. CI	E BOTTLE	S/N	TH =	Cleaned air bleed valve			••	124	BOTTOM DEPTH	PATION O
		1	!				!	+		-			CHL. PAM	SAMPLE BOTTLE NUMBER		3	valve				37 W18	STA. NAME/ID	N N

VESSEL RV Alpha Helix	İ	PRO.	JECT & LEG X 2 8 4	DSDB I.D.	STATIC	STATION DESIGNATION	
CONSC		,	TIME	RESSURE EA STATE ISIBILITY	Z S S S S S S S S S S S S S S S S S S S	YPE /EATHER DOT 10M	STA.
DEG	G MIN	DEG MIN DAY MO	YR HR MIN	(°C) (mb) * *		* 1	
643 S9	9 41.65 N	15215.90W 18Ma	ay 0 4 10 22 6. 0	262	14447	2 134	3 00
SBE 9+ 09P		TIMES JD/TIME		DATA LOCATION	77	REMARKS	
PRESS SN	63503	DATA ON	Tape/Diskette ID	File Name/Header	ader		
PRI TEMP SN	1771	START DOWN			 		
SEC TEMP SN	N 2578	AT DEPTH				Cleaned air bleed valve	d valve
PRI COND SN	N 2272	AT SURFACE	<u> </u>			MAX. DEPTH =	з
SEC COND SN	SN 2251	PAR S/N _ 4 5 1 6	FLUOR S/N _ 0 4 5 1 6	Oxygen		TRANS. S/N	
POS. TRIP DEPTH	THE TENT	CTD CONVERTED	CTD CONVERTED MONITOR VALUES	SAMI	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	E NOMBER
	PRESSURE	URE PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL. NUTR. C	CHL. PAM
-1	73			<u> </u>			
2 12	001		i				
ω	35.						
4	501						
5	30						
б	201						
7	104						
8	a Lost	and destroyed son	26				
9		,					
10							
11							
12							

12	11	10	9	œ	7	6	ζ ₁	4	ω	2	_		POS.	SEC C	PRI CC	SEC TE	PRI TEMP SN	PRESS SN	SBE 9+ 09P	5	CONSC CAST#	RV Alpha	
				0	ō	00	20	S	54	100	3		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN		SN 6	09Pi	50	DEG	VESSEL RV Alpha Helix	
i												PRESSURE		2251	2272	2578	1771	3 5 0 3	İ	9 · 1 6 N	LATITUDE		
										v		URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1520	LONG		
												PRI. TEMP	CTD C	٦	CEI	1	<u>δ</u>	1	JD/	7.38W	LONGITUDE		
												EMP.	CTD CONVERTED MONITOR VALUES	6	 				JD/TIME	M	DATE JD=	PR.	
												SEC. T	MONITOR \	FLUOR S/N		1		 		y 0 4	ĭR	PROJECT & LEG	
			:									TEMP	/ALUES	4	İ			Tape/Diskette ID			TIME (GMT) D	÷ ظ 	
												SAI		5 1 6				te ID	DAT	6.0	DRY BULB	DSDB I.D]
		(4)										SALINITY		Oxygen				File	TA LOCATION		WET BULB (°C) (r		,
-					<u> </u> 			<u> </u>		<u> </u>		ş	SAMP					File Name/Header	ON	2	* SEA STA		
												SALINITY	DATA					der		11911	WIND WIND OD DIRN. SPD. LO	<u>X</u>	
_											25.0	+	<u> </u>		MAX. DEPTH =	Clean			REMARKS	2	* CLOUD (* TYPE * WEATHE	(amt) CN CRA	1011777
				7	7	1	1	7	7	1	7	NUTR.	WAMPLE BOTTE NOMBER	TRANS. S/N	PTH =	Cleaned air bleed valve			ŝ	149	BOTTOM DEPTH (m)	6NA HON	NOT A
 					<u> </u>					_		CH.	- E			ed valve				20	NAME/ID	ω ²	-
												PAM	ָבָּ ק	<u>j</u>	3					5	E/ID		

12	11	10	9	8	7	0	5	4	`	ω	2	_		POS.	SEC C	PRI CO	SEC TI	PRI TE	PRESS SN	SBE 9+ 09P	7	CONSC CAST#	VESSEL RV Alpha
					0	6	0	577	3	QS.	75	00		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	ı	+ 09P;	7759 DEG		VESSEL RV Alpha Helix
													PRESSURE		2251	2272	2578	1771	63503		. MIZ	LATITUDE	
													URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	S DEG	LONG	
				}			ļ				!		PRI. TEMP	CTD CON	 4	Ж 		₹ 		JD/TIME	4. 62 W	-	
													ΛP.	VERTED MO			:			ME) & M a y	٦:::	PROJE(
1													SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N_				Таре/		0 X	<u></u>	PROJECT & LEG H X 2 8 4
								:					S.	ES	0 4 5 1 6				Tape/Diskette ID	D.		ː 	DSDB 1.E
:												:	SALINITY		Oxygen		1		File	DATA LOCATION	. 27		1.D.
													SALINITY	DATA					File Name/Header	Ž	2 146	* SEA STATE * VISIBILITY DIRN.	ST
													SAL.		Ė	MAX. D	Clea			REMARKS		* CLOUD (amt	STATION DESIGNATION
													NUTR.	WAMPER BOTTER NOMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			ΧS	0 3	BO DE	SIGNATION
													CH.	LE NOM			eed valve				J	+) U
													PAM	ָ ק		3						STA.	

12	11	10	မ	00	7	6	ζ1	4	c	n	2			POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	3 H &		CONSC CAST#	VESSEL RV Alpha Helix
						0	10	20	Ö	2	50	G		TRIP DEPTH					<u>ප</u> ග	9Pi	591	DEG	LA:	Helix
	:										•		PRESSURE		2251	2272	2578	1771	3 5 0 3		3.94N	MiN	LATITUDE	
													URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1520	DEG	LONG	
								;					PRI. TEMP	CTD CO	4 5 1 6	m		≥ 	1	JD/TIME	2.62W	MIN	LONGITUDE	
													₽.	CTD CONVERTED MONITOR VALUES						IME	18 M a	DAY MO	DATE JD=	PROJI
													SEC. TEMP	ONITOR V.	FLUOR S/N			<u> </u>			y 0 4 \	ΥR		PROJECT & LEG
		•••											ÄP	ALUES	4				Tape/Diskette ID		254	HR MIN	1248 TIME (GMT)	. "
													SAI		5 1 6				te ID	DA	. 3	(°C)	DRY BULB	DSDB
			: :		-								SALINITY		Oxygen				File	DATA LOCATION	an order side order or	(°C)	WET	į
				!									<u>ဖ</u>	SAMP					File Name/Header	N O	272	(mb) * *	PRESSURE SEA STATE VISIBILITY	
													SALINITY	SAMPLE BOTTLE DATA					ider		कि। विम	(deg) (m/s)	WIND WIND WIND CLOUD (amt)	SIA
						200	000						SAL.			MAX. DEPTH =	Clean			REMARKS	1 2	*	CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
						1	1	, ,		7	6	7	NUTR.	PLE BOTTI	TRANS. S/N	PTH =	Cleaned air bleed valve			ŝ		(m)	&S BOTTOM DEPTH	GNATION
				_	<u> </u>				+				CHL. PAM	SAMPLE BOTTLE NUMBER		3	d valve				6 P W	-	STA. NAME/ID	

12	11	10	9	ω	7	တ	ഗ	4	ω	2	1		POS.	SEC C	PRI CC	SEC TI	PR! TE	PRESS SN	SBE 9+ 09P;	5		CONSC	VESSEL RV Alpha
			c	(0)	3	8	50-	- 5 1	160.	150.	O		TRIP DEPTH	SEC COND SN 2	PRI COND SN 2	SEC TEMP SN 2	PR! TEMP SN 1	6	+ 09P;	W	DEG	_	VESSEL RV Alpha Helix
								ſ	•			PRESSURE		2251	2272	2578	1771	3 5 0 3		1.42N	M Z	34.36 LATITUDE	
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	W	DEG	LONG	
												PRI. TEMP	CTD C	٦	Ĭ H		<u>≷</u>		JD/	3	<u>S</u> Z	35.45	
												EMP.	CTD CONVERTED MONITOR VALUES	6					JD/TIME	V 1 0 M	1	DATE JD=	PR
		i										SEC. TEMP	MONITOR	FLUOR S/N	<u> </u> 					a y 0 4	MO YR	ĬĬ	PROJECT & LEG
												EMP	VALUES	/N_ 0 4				Tape/Diskette ID		19\$2	Z	(LW9) HWIL 7.531	4
												SA		5 1 6	;			tte ID	DAT.	6 . 4	(°C)	DRY BULB	DSDB I.C
									:			SALINITY		Oxygen		1	1	File	TA LOCATION		Ш	WET	ī.p.
										<u> </u>		s	SAME					File Name/Header	ŌN	3 6 2 1	*	PRESSURE SEA STATE VISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA					ader		40 p6		WIND WIN SPE	STA
									,	3.9 C.2	<u> </u>	SAL.			MAX. DEPTH =	Clean]	İ	REMARKS	6 2	*	SP NO CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
			7	1	1	7	1	1	1	7	7	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	:PTH =	Cleaned air bleed valve			ŝ	-0	(m)	HTP3D WDTTOM FF)	IGNATION
			_					<u> </u>				CH. P	E NUMBE		Э	ed valve				υ		STA. NAME/ID	282
												PAM		i]	÷ }				ار ارز		j di	

-	11	10	9	8	Ţ.	7	6	5 10	4 20	3 بر	2 50	-1 かり		POS. TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P;	5	DEG	CONSC	VESSEL RV Alpha Helix
)						PRESSURE	TH P	N 2251	V 2272	N 2578	1771	63503		829-76N		LATITUDE	×
													ÜRE	:	PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1502	DEG	LONG	
													PRI. TEMP	CTD CON	4 5 1 6	m 		ž		JD/TIME	2 S W	MIN	LONGITUDE	
													₽.	CTD CONVERTED MONITOR VALUES	<u> </u>					ME	™ a y	DAY MO	DATE JD=	PROJE(
													SEC. TEMP	NITOR VALL	FLUOR S/N_				Tape		04 194	YR HR	TIME (GMT)	PROJECT & LEG H X 2 8 4
														IES	0 4 5 1 6		!		Tape/Diskette ID		4 6.	MIN (°C)	NE DRY BULB	DS
													SALINITY		Oxygen		1		<u></u>	DATA LOCATION		(°C)	m -	DSDB I.D.
		<u> </u>			<u> </u>								(0	SAM					File Name/Header	NOIT	3025	(mb) * *	SEA STATE VISIBILITY	
	i		•		ŀ				ļ				SALINITY	SAMPLE BOTTLE DATA					ader		16046	(deg) (m/s)	WIND WIND CLOUD (amt)	STAI
													SAL.		╚	MAX. DEPTH =	Clear			REMARKS	2	*	CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
							7	1	5	1	ſ	1	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N_	PTH =	Cleaned air bleed valve			S	89	(m)	BO	IGNATIO
													오 단	TENON			eed valv				9			72 73
													PAM			3	Ф	d	,				STA. NAME/ID	,

13	1	10	9	8		7	<u>თ</u>	55	4	ω	2 4			POS. TRIP	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P;	5358	CONSC CAST#	VESSEL RV Alpha Helix
								0	0	20	40	55	PRESSURE	구 -	SN 2251	N 2272	N 2578	N 1771	63503		820.66N		İx
											ļ		SURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES		LONGITUDE	
													PRI. TEMP.	CID CONVERTE	4516	m I		2		JD/TIME	78W18M	DATE .	Ы
											:		SEC. TEMP	CTD CONVERTED MONTOR VALUES	FLUOR S/N _ 0				Tape/Diskette ID		y 0 4 2 1	TIME TIME (GMT) HR MIN	PROJECT & LEG
		i											SALINITY		4 5 1 6		;		skette ID	DATA LOCATION	6.3	DRY BULB BULB	DSDB I.D.
												<u> </u>	<u> </u>	O Z	Oxygen	ŀ			File Name/Header	CATION	73	PRESSURE * SEA STATE * VISIBILITY	-
			ļ										SALINITY	DATA	DIE BOTTI E				eader		70	WIND WIND OUD (amt	STATI
					i i						0 7 (3	SAL. NI		TRANS. S/N	MAX. DEPTH =	Cleaned			REMARKS	782	* TYPE * WEATHER	STATION DESIGNATION
								`				\	NUTR. CHL.		S/N	ゴ	Cleaned air bleed valve				62	BOTTOM N	
					_			1					PAM		MBED	3	lve				3805	STA. NAME/ID	58

12	11	10	9	ω	7	1 0	6	5	4	3 20	2 40	1 55		POS. TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09Pi	85 45	CONSC CAST #	VESSEL RV Alpha Helix
				:				<u> </u>		0	0		PRESSURE		2251	2272	2578	1771	63503		<u> - </u>	LATITUDE	
							_						URE	İ	PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	140	LONGITUDE	
													PRI. TEMP.	CTD CONVER	4516					JD/TIME	W O	TUDE DATE	
					ļ	İ							SEC. T	CTD CONVERTED MONITOR VALUES	XELUOR S/N]]] 	 		1		M a y 0 4	MO YR	PROJECT & LEG
											1		TEMP	ALUES	4 5				Tape/Diskette ID		2	TIME GMT) DRY	
										i	ļ		SALINITY		1 6 Oxygen					DATA LOCATION	. W	DRY BULB BULB	DSDB I.D.
									İ				SALINITY	SAMPLE BOTTE					File Name/Header	NOI	26174	* SEA STATE * VISIBILITY (deg) (deg)	
					1				<u> </u> 				Y SAL.	1		MAX.	Clea	<u> </u>		REMARKS		(n) SP NO (am * CLOUD (am * TYPE * WEATHER	STATION DE
													NUTR. C	SAMPLE BOLLE NOMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			RKS		BOTTOM DEPTH	STATION DESIGNATION 76
													CHL. PAM			3	d valve	-			PBB6	STA. NAME/ID	766

	G G
	유
-	

12	1	10	9	8	7	ი	ဟ	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	S. (.		CONSC	VESSEL RV Alpha Helix
				Ø	ô	20	8	50	#	8	一 子 の		DEPTH]				SN 6 3)9P;	0	DEG		Helix
	-				THI							PRESSURE		2251	2272	2578	1771	\$ 5 0 3		. 09 N	M Z	LATITUDE	
				ı	NACK.							URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES		DEG	LON	
												PRI. TEMP	CTD C	4	CE	1	Š 	1	ar G	7.155	MIN	LONGITUDE	
												EMP.	CTD CONVERTED MONITOR VALUES	6					JD/TIME		- 1	DATE J	P
									ļ.			SEC.	MONITOR	FLUOR S/N						a y	MO YR	JD=	PROJECT & LEG
												TEMP	VALUES	S/N _ 0 4				Tape/Diskette ID		0009	HR MIN	TIME (GMT)	EG 4
		;										Ş		5 1 6				ette ID	0	٤. 8	(°C)	DRY BULB	DSDB I.D.
												SALINITY		XOxygen		1	 	Ξ.	DATA LOCATION			WET BULB	3 I.D.
								 					SAN					File Name/Header	NOIT	3427	*	PRESSURE SEA STATE VISIBILITY	
								! !				SALINITY	SAMPLE BOTTLE DATA					eader		441	(deg) (m	WIND W	S
			•									SAL.			MAX. D	Clea		-	REMARKS	9782	*	CLOUD (amt) TYPE WEATHER	STATION DESIGNATION.
			7	1	ì.	3/	1	\	\	\	\	NUTR.	MPLE BOTT	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			₹KS			BOTTOM	SIGNATION
												CHL. PAM	SAMPLE BOTTLE NUMBER		3	ed valve				730		STA.	BZ
				[≤	l ~~~							Z		J	

9 9	10	φ ο	- o -		7	0	5 / 0	4 20	3	2 60	1 95	PRESSURE PRI. TEMP.	POS. TRIP CTD CONVERTED M DEPTH	SEC COND SN 2251 PAR S/N 4 5 1 6	PRI COND SN 2272 AT SURFACE	SEC TEMP SN 2578 AT DEPTH	PRI TEMP SN 1771 START DOWN	PRESS SN 6 3 5 0 3 DATA ON	SBE 9+ 09P: TIMES JD/TIME	8 M D 1 M L 1 . DAS 1 N 17 . 45+585	DEG MIN DEG MIN DAY	CONSC LATITUDE LONGITUDE DATE JD=	VESSEL PROJ
								!				SEC. TEMP	CTD CONVERTED MONITOR VALUES	KFLUOR S/N 0 4				Tape/Diskette ID			MO YR HR MIN	TIME (GMT)	PROJECT & LEG
												SALINITY		1 5 1 6 Oxygen	<u> </u>				DATA LOCATION	6.8 . 31	(°C) (°C) (mb)	DRY BULB WET SSURE	DSDB I.D.
											:	SALINITY	SAMPLE BOTTLE DATA					File Name/Header		60 pt 151	* * (deg) (m/s)	SEA STATE VISIBILITY DIRN. OF NO. CLOUD (amt)	STAT
												SAL. N	SAMPLE	TRANS. S/N	MAX. DEPTH =	Cleaned	: }	*	REMARKS	2	*	TYPE WEATHER	OPA MOITANDISED NOITATS
				+		7	P	N				NUTR. C	BOTTLE	S/N	〒 =	Cleaned air bleed valve				02	(E)	BOTTOM DEPTH	CACITAN
												CHL. PAM	SAMPLE BOTTLE NUMBER		3	valve				17310	:	STA. NAME/ID	OK

ด ด
윾

19	11	10	9	00	,	7	6	CII	4	ယ	2			POS. D	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	66		CONSC CAST#	VESSEL RV Alpha Helix
					(0	Ĝ	20	30	50	25	S		TRIP DEPTH	D SN	NS L	NS I	SN 	ے اہ	Ď	3	DEG		delix
•			5										PRESSURE		2251	2272	2578	1771	3 5 0 3		0.65 N	<u>S</u>	LATITUDE	
			11-7 +17PC										URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	2	DEG	LONG	
			P 4					i.					PRI. TEMP	CTD CC	4 5 1 0	μ		ž		JD/T	8. I Ow	MIN	LONGITUDE	
			2 0 × 2										MP.	CTD CONVERTED MONITOR VALUES	ο •					JD/TIME	1 Q M	DAY MO	DATE JD=	PRO
	 		(175m					l					SEC. TE	MONITOR V	ELUOR S/N		T		1		y 0 4	ΥR		PROJECT & LEG
		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \											TEMP	ALUES	0 4 5				Tape/Diskette ID		0617	HR MIN	TIME DF	
	- -		REAL PARTY	-									SAL		1 6				e ID	DAT	6.6	(ီ)	DRY BULB	USDB 1.D.
			CAND.	7	•			i					SALINITY		X Oxygen			· 	File	TA LOCATION	. 3	(°C) (п		- 5
						<u>.</u>							SALI	SAMPLE		i		İ	File Name/Header	Ň	2252	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DI XIII	
													SALINITY	SAMPLE BOTTLE DATA				 	, ř		24137	=		V A
-											752	2/2	SAL.	VAMT	TRANS. S/N	MAX. DEPTH =	Clean	_]		REMARKS	782	*	WEATHER	SIATION DESIGNATION
						7	1	1)				NUTR.	WAMPLE BOLLE NOMBER	S. S/N	PTH =	Cleaned air bleed valve			Ø	144	(m)	BOTTOM DEPTH	GNATION
				\downarrow				_					CH.	CE NOW			ed valve				H CH		 	947
													PAM			3			1		106		STA. NAME/ID	

12	11	10	9	ω	7	o	n l	51	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09Pa	69	CONSC CAST#	VESSEL RV Alpha Helix
							K	<u>)</u>	ō	20	30	52		TRIP DEPTH				1	8N 6)9P:	572		Helix
					i							!	PRESSURE		2251	2272	2578	1771	3 5 0 3		6.36 N	LATITUDE	
													URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1 2 1 3	LONG	
													PRI. TEMP	CTD CO	14	H		\ <u>\}</u>	ļ	JD/		LONGITUDE	:
													EMP.	CTD CONVERTED MONITOR VALUES	6					JD/TIME	24W19M	"'	PR(
													SEC. T	MONITOR	FLUOR S/N		l -	 	ا 		a y 0 4	<u> </u>	PROJECT & LEG
													TEMP	VALUES	4				Tape/Diskette ID		140	M F	4 G
													SAL		5 1 6				tte ID	DA:	ر د د	DRY BULB	DSDB I.D.
												į	LINITY		Oxygen		! 		File	TA LOCATION	. (3	<u> </u>	i.p
													S	SAME					File Name/Header	ON	32267	* SEA STATE * VISIBILITY	
											i		SALINITY	SAMPLE BOTTLE DATA					ader		22010	1	STA
													SAL.		尴	MAX. DEPTH =	Clean]		REMARKS	4782	* CLOUD (amt TYPE * WEATHER	STATION DESIGNATION
		<u> </u>		<u> </u>		 		1	カ	7	\		NUTR. C	SAMPLE BOTTLE NOMBER	S. S/N	PTH =	Cleaned air bleed valve			ŝ	43	BOTTOM DEPTH	GNATION
						+							CHL. PAM	I NOMBER		3	d valve				CH-O3	STA. NAME/ID	

12	11	10	9	8	7	O	ഗ	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	4	CONSC CAST#	VESSEL RV Alpha Helix
							401	+ 161	264	307	5	PRESSURE	TRIP DEPTH	ND SN 2251	ND SN 2272	MP SN 2578	MP SN 1771	SN 63503	09Pi	12	# LATITUDE	na Helix
													C	PAR S/N _ 4	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15142	LONGITUDE	
												PRI. TEMP.	OTD CONVERTED I	5 1 6				:	JD/TIME	8 (W 1 9 M	DATE JD=	PRC
												SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0			<u> </u>	_ Tape/Dis		y 0 4 68	O YR HR MIN	PROJECT & LEG H X 2 8 4
												SALINITY		4 5 1 6	 			Tape/Diskette ID	DATA	6.7	DRY BULB	DSDB I.D.
-												П	J.	Oxygen	<u> </u>			File Name/Header	FA LOCATION		PRESSURE * SEA STATE	-
												SALINITY	SAMPLE BOTTLE DATA					Header		Λ,	* VISIBILITY (den) (m/s) * VISIBILITY (den) (m/s) * CLOUD (amt)	TATS
												SAL. NUTR.	SAMPLE	TRANS. S/N	MAX. DEPTH =	Cleaned a]		REMARKS	12	* TYPE * WEATHER	STATION DESIGNATION
												TR. CHL.	SAMPLE BOTTLE NUMBER	Ž	II	Cleaned air bleed valve				65	BOTTOM S	NOIT
												PAM	MBER		æ	- e				C # 1	STA. NAME/ID	

1 1	10	9	ω	7	တ	ഗ	4	ω	2	_		POS.	SEC C	PRI C	SEC T	PRI TE	PRESS SN	SBE 9+ 09P	4		CONSC	VESSEL RV Alpha	
	į		i		ļ	0	5	90	30	100		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SSN		7257	DEG	<u> </u>	VESSEL RV Alpha Helix	
											PRESSURE		2251	2272	2578	1771	63503		15.96N	MIN	LATITUDE		
						ļ				3	URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1515	DEG	LONGITUDE		
:	:	į				5,	ŀ		i		PRI. TEMP	CTD CON	4516	m		Ž		JD/TIME	We ee		i		Nan C
											, P	VERTED MON]]]				ΛΕ.	1 9 M a y	DAY MO	DATE JD=	PROJĖC H X	2
			į								SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0				Tape/D		0 4 0950	YR HR N	TIME (GMT)	T & LEG 2 8 4	6 Ca
											(0)	S	4516				Tape/Diskette ID	_	0 6.8	MIN (°C)) DRY BULB	DSDB	8
							i				SALINITY		Oxygen		1	1	File	DATA LOCATION	-	(°C)	WET BULB	BI.D.	
<u> </u>			<u> </u> 								0	SAM					File Name/Header	ÖN	w w	(mb) *	PRESSURE SEA STATE VISIBILITY	-	Ć
		i									SALINITY	DATA					ader		22012	(deg) (m/s)	WIND WIND CLOUD (amt	SIA	TAN
											SAL.			MAX. DEPTH =	Clear		5	REMARKS	2	*	CLOUD (amt TYPE WEATHER	I ON DES	
						7	5	1	1	1	NUTR.	WAMPLE BOTTE NOMBER	TRANS. S/N	EPTH =	Cleaned air bleed valve	a state	anico c	ΧS	, F	(m)	ВОТТОМ DEPTH	STATION DESIGNATION	
		-				_				-	우 P	LE NOMBE		а	ed valve	5/2	とし	0	2		NAME/ID	_\ y _	
											PAM		j 			7	<u>0</u>		2		j d		

PG ___ OF ___

POS. SEC COND SN CONSC CAST# PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN SBE 9+ 09P φ735709.27 RV Alpha Helix VESSEL 12 6 9 œ ග 5 ω 4 N DEPTH DEG 30 \$ 100 0, 5 0 LATITUDE 6 <u>≤</u> 2251 2272 2578 1771 09.24 ယ **೮**1 0 PRESSURE ယ START DOWN DATA ON AT SURFACE AT DEPTH TIMES 15207.66W19May04 DEG PAR S/N LONGITUDE 54,43 4 5 1 6 <u>S</u> CTD CONVERTED MONITOR VALUES PRI. TEMP JD/TIME DATE JD= PROJECT & LEG FLUOR S/N _ 0 SEC. TEMP 줐 ا د د HR MIN Tape/Diskette ID 191 TIME (GMT) 4 DRY BULB Ġ 0 (၀) DSDB I.D. STAT ٥ CO SALINITY DATA LOCATION WET BULB (°C) Oxygen File Name/Header (mb) PRESSURE SEA STATE VISIBILITY SAMPLE BOTTLE SELECTION OF SELEC SALINITY DATA (deg) (m/s) STATION DESIGNATION MAX. DEPTH = BEMARKS SAL. Cleaned air bleed valve TRANS, S/N SAMPLE BOTTLE NUMBER Fly DR BOTTOM DEPTH NUTR. 085 3 200 CHL. STA. NAME/ID 6 PAM 3

PG ___OF__

VESSEL RV Alpha Helix		PROJECT & LEG		DSDB I.D.	TY	1 51
CONSC LATITUDE	LONGITUDE	DATE JD=	TIME DRY BULB	BULB WET PRESSURE	SEA STATE VISIBILITY DIRN. SPD. CLOUD (amt	CLOUD (amt TYPE WEATHER DE BO DE PTI
DEG	DEG MIN	DAY MO YR	HR MIN	(°C) (I	* (deg)	* 1
785646.20	N) 5236.6	2w 19may 04	1527	8 . 342	27236 8	5672 99
SBE 9+ 09P;	TIMES	JD/TIME		DATA LOCATION		REMARKS
PRESS SN 6 3 5 0 3	DATA ON		Tape/Diskette ID	File Naı	File Name/Header	The second secon
PRI TEMP SN 1771	START DOWN		-			
SEC TEMP SN 2578	AT DEPTH					Cleaned air bleed valve
PRI COND SN 2272	AT SURFACE					MAX. DEPTH =
SEC COND SN 2251	PAR S/N _ 4 5 1	6 FLUOR S/N	RS/N_ 0 4 5 1 6	Oxygen		TRANS. S/N
POS. TRIP DEPTH	СТВ	CTD CONVERTED MONITOR VALÜES	R VALUES		SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER
PRE	PRESSURE PRI.	PRI. TEMP. SEC.	TEMP	SALINITY	SALINITY	SAL. NUTR. CHL.
1 90						
2 50						1
3						
\$ 8						7
5						- 5
_ග						1
7						,
8						
9						
10						
1						
12						

	റ്	
J	_	
	Q	
	П	
1		
1		
- 1		

ရ ရ
유

PG ___ OF ___

ດັ
유

PROJECT & LEG PROJECT & LE	12	11	10	မ	œ	7	6	თ	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PR! TEMP SN	PRESS SN	SBE 9+ 09P	8	CONSC CAST #	VESSEL RV Alpha Helix
DOB I.D. STATIO	0	10	20	8	60	\tilde{g}	150	عمد	8	8	8	220		TRIP					1	09Pi	_	DEG	ha Helix
PRI_TEMP. SEC_TEMP SALINITY SALINITY STATIO STATIO STATIO SALINITY SALINITY SALINITY STATIO STAT													PRESS		2251	2272	2578	1771	5 0		n	TITUDE	:
PROJECT & LEG									:				URE		PAR S/N	AT SURFAC	AT DEPTH	START DOW	DATA ON	TIMES	1523	LONG	
DSDB I.D. DRY BULB WET SS STATEY N (°C) (°C) (mb) * (deg) (m/s) * (deg		į						;					PRI. TEN	CTD CON	_ 4 5 1 6	m	1	ž		JD/TI	•	MIN	
DRY BULB BULB PRESSITATEY N (°C) (°C) (mb) * GASSIBLE WIND WIND DIRN. SPD. COMPANDER BOTTLE SALINITY													MP.	NVERTED MC	×					ME	l G M a	l e	PROJE H >
DSDB I.D. DRY BULB WET SS STATEY N (°C) (°C) (mb) * (deg) (m/s) * (deg													SEC. TEMP	ONITOR VAL	LUOR S/N_				Таре		0 4	_	CT & LEG
WET SULL WIND WIND OF STATION STATION STATION FILE Name/Header SALINITY SA														JES	4 5)/Diskette ID			M M M	
Tile Name/Header SAMPLE BOTTLE DATA SALINITY STATIO STATI													SALINITY						Ū	DATA LC	45		DSDB I.D.
THE STATION ST														σ					File Name	CATION	00	PRESSUR	
													SALINITY	SAMPLE BOT DATA		•			/Header		6210	* VISIBILITY ORN. (deg)	(
RKS A UNCERTAN, ALTA ANS. SIN NUTR. CHL. F NUTR. CHL. F						<u> </u> 						<u> </u> 	<u> </u>			MAX. [<u>Ce</u>	3	45	REMA	4	(m/s) SPD SND * CLOUD (a	STATION DE
N STA N NAME CHL. F	\	\	\	\	`								ļ	MPLE BOT	ANS. S/N	DEPTH =	aned air ble	7059	the order	RKS	\Box	1	ESIGNATIO
								-					CHL. PAM	TLE NUMBE		m	ed valve		A ALLYON	. Alr - L	\rightarrow	M STA. NAME/ID	

PG ___OF ___

12	11	10	9	ω	, .	7	<u>ග</u>	თ	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	98		CONSC CAST #	VESSEL RV Alpha Helix
	0	ō	20	250		3	K,	Ø,	28	8	8	186 198		TRIP DEPTH				l	% 6)9P;		DEG		Helix
													PRESSURE		2251	2272	2578	1771	3 5 0 3		5.64N	Z Z	LATITUDE	
				!					!				URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15223	DEG	LONGITUDE	
ļ	į.			;							!	li 3	PRI. TEMP	CTD CON	4516		[z		JD/TIME				
 										-				VERTES MOI	K]	ļ			m	8 w 20 M a y	DAY MO	DATE JD=	PROJEC H X
			1	:								!	SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0			:	Tape/E		0 4 03 3	YR HR N		PROJECT & LEG H X 2 8 4
											!		100	(A)) 4 5 1 6				Tape/Diskette ID	_	5.9	MIN (°C)	DRY BULB	DSDB I.D
;										!			SALINITY		Oxygen		! 	1	File	DATA LOCATION	y dy gad Nado	(°C)	WET BULB] B.D.
			<u> </u>						<u> </u>	<u> </u> 			SA	VAMT	╡		!		File Name/Header	ŌN	36262	(mb) * * (dm)	SEA STATE VISIBILITY] - - -
					,	!							SALINITY	DATA					der		214 12	(deg) (m/s)	WIND SPD.	STATI
												700	SAL.	VAIVI	TRAN	MAX. DEPTH =	Clean	h.		REMARKS	12) A	CLOUD (amt TYPE WEATHER	STATION DESIGNATION
	\	\	\		\	\		\		`	\		NUTR.		TRANS, S/N_	PTH =	ed air bi			ŝ	- I	II:	воттом рертн	GNATIO
													CHL.	OAMITE BOLLE NOMBED			Cleaned air bleed valve				SHEDNØ6	-		Z
													PAM	2	B	3	· (D)		П		2006	-	STA. NAME/ID	6



PG OF

12	11 (10 2	9 6	8	+	7 /	6	5 2	4 3:	3	2 / 2	1		POS. TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P;	5548	DEG	CONSC	VESSEL RV Alpha Helix
0	0	20	Ź	O	1	3	50.	28	350	500	Sc20	(S)	PRESSURE	로 ^고	N 2251	N 2272	N 2578	1771	6 3 5 0 3		7	_	LATITUDE	×
													ÜRE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES		DEG	LONG	
													PRI. TEMP	CTD CON	_ 4 5 1 6	m		≨ 		JD/TIME	~ (X)	\dashv	LONGITUDE	
					<u> </u> -								P.	CTD CONVERTED MONITOR VALUES						ME	IzI	DAY MO	DATE JD=	PROJE
													SEC. TEMP	NITOR VALU	FLUOR S/N_			<u> </u>	Tape/		0 4 0 5	イ 新 新	TIME (GMT)	PROJECT & LEG H X 2 8 4
														ES	0 4 5 1 6				Tape/Diskette ID		506.	z	IE DRY BULB	
										i			SALINITY		Oxygen		1		П	DATA LOCATION		\Box	LB WET	DSDB I.D.
					T								(0)	SAMI					File Name/Header	ATION	26	*	PRESSURE SEA STATE VISIBILITY	
								i					SALINITY	SAMPLE BOTTLE DATA					ader		\square		DIRN. WIND WIND CLOUD (amt)	STA
													SAL.			MAX. DEPTH =	Clear			REMARKS	1872	* [CLOUD (amt) TYPE WEATHER	F MC SNOITANBISSED NOITATS
	, \	\	\	\	`	\	\	/	\	\	\		NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N_	PTH =	Cleaned air bleed valve			χ̈́ς			SCAD+ BOTTOM	SIGNATIO
\			\	^									CHL.	TLE NUN			eed valve				K DV	+		T N
													PAM	1BER	1	3	TO TO				40V		STA.	41

data logger at 1153 55 37,905

PG ___ OF __

	-	8 80+	+	6 200/	5 300/	4 4004	3 5001	2 1000	1 1500	PRESSURE PRI. TEMP	POS. TRIP CTD CO	SEC COND SN 2251 PAR S/N _ 4 5 1	PRI COND SN 2272 AT SURFACE	SEC TEMP SN 2578 AT DEPTH	PRI TEMP SN 1771 START DOWN	PRESS SN 6 3 5 0 3 DATA ON	9+ 09P: TIMES	37.93N 152 00.1	DEG MIN DEG	CONSC 37,78 S9,99	RV Alpha Helix	
										SEC. TEMP	CTD CONVERTED MONITOR VALUES	6 FLUOR S/N _ 0 4 5 1 6				Tape/Diskette ID	JD/TIME	ӡ) YR +	TIME DATE JD= (GMT) DRY BULB	H X 2 8 4	
										SALINITY SALINITY	SAMPLE BOTTLE DATA	Oxygen				File Name/Header	DATA LOCATION	. 352 2101	(deg)	PRESSURE SEA STATE VISIBILITY DIRN.	-	15000125
								1		SAL. N			MAX. DEPTH =	Cleane]		REMARKS	0 2	(m/s) * * *	CLOUD (amt TYPE WEATHER	אַנוסאַטראַנאַ	STATION DESIGNATION
		 -	<u> </u>							NUTR. CHL.	SAMPLE BOTTLE NUMBER	. S/N	- HT	Cleaned air bleed valve			U)		(m)	Soost BOTTOM DEPTH N		NOTION
										PAM	UMBER		3	lve				e 6 7 9		STA. NAME/ID		

ດ
유

PG _

. 유

12	11	10	9	8	7	6	O1	4	ω	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	٥	CONSC CAST#		VESSEL RV Alpha Helix
c	O	20	Ų	60	160	200	360	400	500	1000	1500		TRIP DEPTH	OND SN	ND SN		MP SN	SN 6	09P;	_	DEG		ha Helix
			\								\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	PRESSURE		2251	2272	2578	1771	3 5 0 3		9 . 6 ON	LATITUDE		
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15143	LONGITUDE		
								:				PRI. TEMP	CTD CON	4516	I		Ž		JD/TIME	- W	-		
												IP.	CTD CONVERTED MONITOR VALUES						ΔE	I≅	DATE JD=		PROJE(
								i				SEC. TEMP	NITOR VALU	FLUOR S/N _				Tape		0 4	TIME (GMT)		PROJECT & LEG H X 2 8 4
								-					ES	0 4 5 1 6				Tape/Diskette ID		.2	ME DRY BULB		Ds
												SALINITY		Охудеп				73	DATA LOCATION	4	(°C)		DSDB I.D.
<u> </u>													SAN					File Name/Header	ATION	27	PRES * SEA S * VISIBI	TATE	
		1					į					SALINITY	SAMPLE BOTTLE DATA					eader		لــــّــا	WIND WIND DIRN. SPD. (deg) (m/s)		STA
									7			SAL.	<u> </u>	╚	MAX. DEPTH =	Clear]		REMARKS	9872	* CLOU * TYPE * WEAT	D (amt	STATION DESIGNATION
												NUTR.	SAMPLE BOTTE NOMBER	TRANS. S/N	<u>=</u> PTH =	Cleaned air bleed valve			KS >	5000	BOTTOM DEPTH (m)		IGNATION
										-		단	LE NOME			ed valve				edn	NAME/ID		
												PAM	<u> </u>		3	,		: ,		-	E/ID		

PG __OF

9 ထ 6 Ŋ ω N

> PG 유

12 0	11 10	10 50	9 300	8 50	7 75	6 100	5 150 1	4 200 4	3 3004	2 4001	1 500 1		DEPTH	SEC COND SN	PRI COND SN		SEC TEMP SN	PRI TEMP SN	PRESS SN 6	SBE 9+ 09P;	95551	DEG	CONSC CAST#	VESSEL RV Alpha Helix
								+				PRESSURE		1077	2051	2272	2578	1771	3 5 0 3	5	20 13 2	MIN	ATITUDE	
					\ \ \ \		\ \ \		-		\ \ -\-	SURE			PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15317	DEG	ONG!	
												PRI. TEMP.		OL:	14	1				JD/TIME	6 7 W 2 M a	-		PROJ
												SEC. TEMP		MONITOR VALUES	FLUOR S/N _ 0 4				. Habe/Diskette ib	 /Diskol	y 0 4 ~ 0 0 0		TIME (GMT)	PROJECT & LEG H X 2 8 4
												SALINITY			5 1 6 Oxygen						DATA LOCATION	2	DRY BULB BULB R ORY BULB BULB R ORY B ORY BULB R ORY B ORY	ı ı
						muty ent bet so						SALINITY		DATA	SAMPLE BOTTLE					File Name/Header		200	* SEA ST * VISIBIL VIND WIND OURN. SPD. CLOUL	ITY
Ċ	042 /	, ,	5	, 5	7	2000	-	+	7 7	+	7 7	SAL. NUTR.			SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			REMARKS	10000	* TYPE * WEATI	
		1	1	-			+	1	+	+	+	CH.:			E NUMBER		3	d valve		!		F of m	STA. NAME/ID	

12	11	10	9	œ	7	6	5	4	ω	2	<u>-</u>		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	296		CONSC	VESSEL RV Alpha Helix
0	100	201	30.	504	154	1001	150	2004	300/	400	5001		TRIP DEPTH	ID SN 2251	O SN 2272	P SN 2578	SN 1771	N 6 3 5 0	9Pi	13	DEG MIN	73,96	Helix
						ľ						PRESSURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN) 3 DATA ON	TIMES	0 Z	DEG		
			3									PRI. TEMP.	CTD CONVE	4	CE		WN		JD/TIME	W 50.1	LONGITUDE DATE		
												SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N						May04	MO YR		PROJECT & LEG
												TEMP	VALUES	N_ 0 4 5 1				Tape/Diskette ID		49	HR MIN (°		00 4
i									ļ			SALINITY		6 Oxygen					DATA LOCATION	Ś	(°C) (°C)	WE T	DSDB I.D.
												SALINITY	SAMPLE BOTTLE DATA					File Name/Header	ATION	/	* S	RESSURE EA STATE ISIBILITY	
											<u> </u> 	JITY SAL.			MAX.]		REMARKS	1010	(m/s) * *	SEDUD (ami	STATION DESIGNATION
												NUTR. CHL.	WAMPLE BOTTER NOMBER	TRANS. S/N	MAX. DEPTH = 565	Cleaned air bleed valve			RKS	D		VEATHER BOTTOM	SIGNATION
												IL. PAM	NOMBER X		Ardo					ed w 2		STA.	

12 (11 [/	10 <i>み</i> つ	9 3	8	7 +	+	6 /0	5 12	4	300	2 400	1 50		POS. TRIP	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	5 7 6 9	CONSC CAST#	VESSEL RV Alpha Helix
)	2	0	30	8	<u> </u>)	00	150	000	3	ŏ	00	PRESSURE	TRIP DEPTH	SN 2251	3N 2272	SN 2578	N 1771	63503		S	LATITUDE	Six
													SURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	-	LONGITUDE	
													PRI. TEMP.	CTD CONVER	4516	m	ļ	Ž		JD/TIME	. 46 W	ITUDE DATE	
													SEC. TI	CTD CONVERTED MONITOR VALUES	FLUOR S/N						M a y 0 4	JD=	H X 2 8 4
	i				1								TEMP	/ALUES	N_ 0 4 5 1				Tape/Diskette ID		320	TIME (GMT) DRY BULB	
							i						SALINITY		6 Oxygen		 			DATA LOCATION	7	WET BULB	
													SALINITY	SAMPLE BOTTLE DATA					File Name/Header	NOI	000	* SEA STATE * VISIBILITY (deg) (if s) W	
												25				MAX. DEPTH =	Cleane			REMARKS 7 7000	<i>n</i>	* CLOUD (amt TYPE * WEATHER	
			1										NUTR. CHL.	WAMPLE BOTTE NOMBER	3. S/N		Cleaned air bleed valve			S> 5000		BOTTOM N	3
													PAM			3	live	,			ed 63	STA.	ons

12	1	10	9	00	,	7	6	ڻ ن	4	ω	2			POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	09/8	9	CONSC	VESSEL RV Alpha Helix
												5000		TRIP DEPTH	ND SN	ND SN		MP SN	SN 6	09Pi	553	DEG	_	la Helix
	:												PRESSURE		2251	2272	2578	1771	3 5 0 3	i	0.91 N	MZ.	からt ATITUDE	
				i.									URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	36	DEG	S6.0	
										E	į		PRI. TEMP	CTD CON	4516			z 		JD/TIME	. 46 W 2		<u> </u>	
														VERTED MON	FLI]			ļ	m	May	DAY MO	DATE JD=	PROJECT & LEG
								i		ļ			SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0	-	ı		Tape/Diskette ID		0 4 1434	YR HR MIN	14 16 TIME (GMT)	T&LEG 2 8 4
												1	SAL		4516		ļ		kette ID	DAI	5.1	(°C)	DRY BULB	DSDB I.D.
										ļ	ļ		LINITY		Oxygen		 		File	ATA LOCATION	(), ()	n) (0°)	WET	
									<u> </u>			<u> </u>	SAL	SAMPL					File Name/Header	N	200	(mb) * * (dm)	PRESSURE SEA STATE VISIBILITY □ ≲	
							<u> </u>						SALINITY	SAMPLE BOTTLE DATA				 	е —		20010	(deg) (m/s) *	WIND WIND CLOUD (am	STATIC
								_		-	_	7	SAL.	VAMP	TRANS. S/N	MAX. DEPTH =	Cleaner	<u> </u> - -		REMARKS	×725	*	TYPE WEATHER	STATION DESIGNATION
													NUTR.	- BOITE	S/N	Ť 	Cleaned air bleed valve			3 ,	000	(m)	~5060 BOTTOM DEPTH	NATION
				+		_			+				CHL. PAM	WAMPLE BOTTER NOMBER		3	d valve				6 0 W H		STA.	

	12 (11	10	9 30	8 60	7 \00	6 200	5 300	4 400	3 560	2 1000	1 (500		POS. TRIP	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	499553	DEG	CONSC	VESSEL RV Alpha Helix
5		<u></u>	10		0	V	0	V	0	<u> </u>			PRESSURE		2251	2272	2578	1771	63503		2.93 N	MIN	LATITUDE	
		ソウル	w prop										URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	15227	DEG M	LONGITUDE	
	, , , , , , , , , , , , , , , , , , , ,	20 8h Di	at cot				:				l I		PRI. TEMP.	CTD CONVERT	4 5 1 6					JD/TIME	. 69 W 21		JDE DATE	
		1 21	mar		i.								SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N				 		M a y 0 4 1	MO YR	JD=	PROJECT & LEG H X 2 8 4
) ア う	2 100									:	MP	ALUES	4 5 1				Tape/Diskette ID		540 5	HR MIN (°C)	TIME DRY BULB	
		Her be	In ho					į				i	SALINITY		6 Oxygen				<u> </u>	DATA LOCATION	(N	(°C)	WET BULB	DSDB I.D.
		7000	F0, 8										SALI	SAMPLE					File Name/Header	NOIT	32 700	(mb) * * (deg)	SEA STATE VISIBILITY	
			7									7	SALINITY SAL	SAMPLE BOTTLE S		MAX]	<u> </u>	REM	88 77		Ø ₹ D D CLOUD (amt)	STATION
	7	7	5	٢	5	1	7	1	7	1	7	7	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			REMARKS >5000	1 0	(B)	TYPE WEATHER BOTTOM	STATION DESIGNATION
	-	7		7	7								CHL. PAM	ENUMBER		3	d valve			0	edus		STA. NAME/ID	:

PROJECT & LEG DSDB ID
LATITUDE LONGITUDE DATE JD= TIME H X 2 8 4
PROJECT & LEG
PROJECT & LEG
PROJECT & LEG
LATITUDE LONGITUDE LONGITUDE LONGITUDE LONGITUDE H X 2 8 4 TIME H X 2 8 4 TIME GMT) DRY I MIN DEG MIN DATE JD= GMT) DRY I GMT) DRY I MIN GMT) DRY I MIN GMT) TIME Tape/Diskette II 2272 AT SURFACE PRI. TEMP. SEC. TEMP SEC. TEMP
PROJECT & LEG
PROJECT & LEG
PROJECT & LEG
LATITUDE
LATITUDE LONGITUDE DATE JD= CMT) DRY
LATITUDE LONGITUDE DATE JD= CMT) DRY
LATITUDE LONGITUDE DATE JD= TIME (GMT) DRY I MIN DEG MIN DAY MO YR HR MIN ('9 3 7 . \$4 N 1 5 2 1 1 . 9 3 W 2 1 M
PROJECT & LEG
PROJECT & LEG
PROJECT & LEG
PROJECT & LEG
PROJECT & LEG H X 2 8 4 TIME LATITUDE LONGITUDE DATE JD= (GMT) DRY I MIN DEG MIN DAY DAY DAY MO YR HR MIN (° TIMES JD/TIME Tape/Diskette II
PROJECT & LEG H X 2 8 4 TIME LATITUDE LONGITUDE DATE JD= GMT) DAY MIN DEG MIN DAY DAY MO YR HR MIN (3 7 3 7 . \$4 N 1 5 2 1 P . 93 W 2-1 M a y 0 4 1 8 8/8 5
PROJECT & LEG H X 2 8 4 TIME LATITUDE LONGITUDE DATE JD= (GMT) DRY I MIN DEG MIN DAY MO YR HR MIN ("9 37. \$40 1 52 11. 93 W2 1 M a y 0 4 1 8 \$48 5
PROJECT & LEG H X 2 8 4 H X 2 8 4 TIME LATITUDE LONGITUDE DATE JD= (GMT) DRY I MIN DEG MIN DAY MO YR HR MIN (°C)
PROJECT & LEG H X 2 8 4 TIME LONGITUDE DATE JD= (GMT) DRY I
PROJECT & LEG

SEC COND SN 2251 PAR S/N 4 5 1 6 FLUOR S/N 0 4 POS. TRIP CTD CONVERTED MONITOR VALUES DEPTH	PRESSURE PRI. TEMP. SEC. TEMP	-2	2	3		4	5	6	4 5 6 7	4 5 6 7 8	4 5 6 7 8 8 9	4 5 6 7 8 9 10	4 5 6 7 8 9 10 11
	6 A Oxygen SAMPLE BOTTLE	A Oxygen	Oxygen	Oxygen	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY	SALINITY
	SAMPLE BOTTLE NUMB	S	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAMPLE BOTTLE NUME	SAL. NUTR. CHL.

VESSEL RV Alpha Helix	×		PROJECT & LEG H X 2 8 4	DSDB I.D.	TY	(amt) (BR) (BR)
CONSC	SH,66	31.59	なっゅう TIME (GMT)	DRY BULB WET SURE	SEA STATE VISIBILITY D NO.	SPD WIND (am
CASI #	LATITUDE G MIN	DEG MIN DAY	YR HR MIN	(°C) (* 5) (m/s)
11156	04.67N	15 \$ 31. 9 \$ W 22M	Way044921	7 - 4	0 10 10	30
SBE 9+ 09P;		TIMES JD/TIME		DATA LOCATION	_	REMARKS
PRESS SN	63503	DATA ON	Tape/Diskette ID		File Name/Header	
PRI TEMP SN	N 1771	START DOWN				
SEC TEMP SN	N 2578	AT DEPTH				
PRI COND SN	N 2272	AT SURFACE				MAX. DEPTH =
SEC COND SN	SN 2251	PAR S/N _ 4 5 1 6	FLUOR S/N _ 0 4 5	1 6 Oxygen		
POS. TRIP DEPTH	H	CTD CONVERT	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA	, כו ורב
	PRESSURE	SURE PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	7
1 500	Ö					ļ
2 HOG	26.					
	6					
	700					
5 15	150					
6 12	100					
7	55					
8	50.					
g	304					
10	8			į		
=	10-			į.		
12	0					

12 0,1		10 20. 1	9 301	8 501	7 75	6 100 4	5 150-1	4 3000	3 300/	2 4,00	1 500		POS. TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN _	SBE 9+ 09P	DEG 1 2 5 6 0	7		VESSEL RV Alpha Helix
			/									PRESSURE		2251	2272	2578	1771	6 3 5 0 3		MIN N	CS.19		
								!				URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	12415	- ONE		:
											į	PRI. TEMP	CTD CONV	4516					JD/TIME	. 37w2	- "	2	
													CTD CONVERTED MONITOR VALUES	FLUC					""	2 M a y			PROJECT & LEG
			:			ļ						SEC. TEMP	OR VALUES	FLUOR S/N _ 0 4				Tape/Diskette ID		0 4 - 0 5 7	+		& LEG 8 4
												SAL		5 1 6	ļ			ette ID	DA.	* 3	DRY BULB		DSDB I.D.
		· ·										NITY		Oxygen				File Na	TA LOCATION	(c)		SURE	D.
												SALINITY	SAMPLE BOTTLE DATA					File Name/Header	-))) ()	* SEA S * VISIBII DIRN.	LITY	ST.
_				i							2-9	SAL.		Ė	MAX. DEPTH =	Clear		t.	REMARKS	/ / !	SPDD * CLOUI * TYPE * WEAT	D (amt) HER	STATION DESIGNATION
1	7	1	1	7	1	1	7	1	1	١	7	NUTR.	PLE 8011	TRANS. S/N	ÉPTH =	Cleaned air bleed valve			χς	5000	воттом рертн		IGNATION
4	9	-	-	7								CHL. PAM	SAMPLE BOTTE NOMBER		3	ed valve				E)W18	NAME/ID		

PG
유

VESSEL RV Alpha Helix CONSC CAST # CAST # DEG DEG DEG OPP:	E LATITUDE S 1 0 . 75	MIN JE	PROJECT H X DATE JD= DAY MO DAY MO DAY A Y O	TIME R MIN	DSDB I.I			CCATION File Name/Header File Name/Header	File Name/Head
PRESS SN PRI TEMP SN	6 3 5 0 3	START DOWN		Tape/Diskette ID	tte ID		File Nan	File Name/Header	
(0 (0	SEC TEMP SN 2578 PRI COND SN 2272	AT DEPTH —							Cleaned air bleed valve MAX. DEPTH =
SEC COND SN	SN 2251	PAR S/N _ 4 5 1	6 FLUC	4	5 1 6	إسييا	Oxygen	Oxygen	Oxygen TRANS. S/N
POS. TR	TRIP DEPTH	CTD	CTD CONVERTED MONITOR VALUES	OR VALUES	1			SAMPLE BOTTLE DATA	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA
	PRES	PRESSURE PRI.	PRI. TEMP. SE	SEC. TEMP	SALINITY		7	TY SALINITY	
1 7	265					1 '			
2 5	500			:					
3	250					1			
4	70					1 '			
n 5	8 3								
7	20								
ω	0								
9					7				
11									
12									

11	10	9	8	1	$\frac{1}{2}$	6 50-	5 1050	4 150	3 250	2 500	1 750		POS. TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	1 858	DEG	CONSC CAST #	VESSEL RV Alpha Helix
							1	1	-		<u> </u>	PRESSURE		2251	2272	2578	1771	63503		1 1 . (2 N	SE SE	IO/87	
												URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	205	DEG	LONGITUDE	
i	i											PRI. TEMP	CTD CONV	4516			z 		JD/TIME	w አ ት	\dashv	ű	<u> </u>
													/ERTED MON	FLI					m	3		DATE JD=	PROJECT & LEG
												SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0				Tape/Di		0 4 68 1	YR HR MIN	\$₹58 TIME (GMT)	T&LEG 2 8 4
												S		4 5 1 6		,		Tape/Diskette ID		5 7.9	픠	DRY BULB	DSDB I.D.
		ł.							:			SALINITY		Oxygen			!	File	DATA LOCATION	1606	Ш	WET	3 i.b.
				<u> </u> 								SAL	SAMPLE D/					File Name/Header	ON.		*	PRESSURE SEA STATE VISIBILITY □ ≤	-
												SALINITY	SAMPLE BOTTLE DATA		12		 	er	71	8012	(deg) (m/s) *	DIRN. WIND CLOUD (amt)	STATIC
			2	<u> </u>		1	2	>	_	,		SAL. NU	SAMPLE	TRANS, S/N	MAX. DEPTH = 744	Cleaned			REMARKS	ب	*	TYPE WEATHER	STATION DESIGNATION
			2	∖I	2	1	\	No	1	7	1	NUTR. CHL.	SAMPLE BOTTLE NUMBER	S/N	h+ +44	Cleaned air bleed valve				2003	(m)	BOTTOM DEPTH	JATION
												PAM	MBER		3	live				ED2 W7		STA.	

12	11	10	ဖ	ω	7	6	σ	<u></u>	4	3	2	_		POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	1 1 9		CONSC CAST#	VESSEL RV Alpha Helix
				0	20	50V	á	100	1501	250	5001	7501		TRIP DEPTH	ND SN	ID SN	AP SN _	P SN	ž 6)9P;	521	DEG		Helix
													PRESSURE		2251	2272	2578	1771	3503		1 P. 72 N	MIN	LATITUDE	
							i						ÜRE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	14653	DEG	LONGITUDE	
													PRI. TEMP	CTD CON	4516			Ž		JD/TIME	37W23			
							<u> </u> -							VEXTED MON	E					m	May	DAY MO	DATE JD=	PROJECT & LEG
													SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N _ 0				Tape/D		040931	YR HR MIN	TIME (GMT)	7 & LEG 2 8 4
													(a)		4 5 1 6				Tape/Diskette ID	_	7.9	(°C)	DRY BULB	DSD
							!						SALINITY		Oxygen		 		File	DATA LOCATION		(°C)	WET BULB	DSDB I.D.
						<u> </u> 	<u> </u>						(0	U AM	=				File Name/Header	NO	21	(mb) * *	PRESSURE SEA STATE VISIBILITY	
													SALINITY	DATA		ļ			ader		1001.	(deg) (m/s)	WIND WIN SPE	STA
												29	ļ.			MAX. DEPTH =	Cleane		İ	REMARKS	2 24	1 *	© E CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
				7	, ,	1	-	7	7	7	1	<	NUTR.	SAMITE BOLLE NOMBER	S. S/N	= HLc	Cleaned air bleed valve			S	1300	(m)	BOTTOM DEPTH	SNATION
				1	1	1							된				ed valve				e d 2		€\$3₩8 STA. NAME/ID	
													PAM		3	∃					E 00		E A &	

780

PG ___OF___

Ġ	5
9	2

								0.61			
VESSEL PAIN		PROJECT & LEG	:G	DSDB I.D.				STATION DESIGNATION	DESIG	NATION	
						SURE STATE LITY		D (amt)	HER		E02010
CONSC LATITUDE	LONGITUDE	DATE JD=	TIME DRY	DRY BULB	WET BULB			WIND WIND O'DE AT BOTTOM	TYPE WEAT	30TTOM DEPTH	STA. NAME/ID
DEG MIN	DEG MIN	DAY MO YR HR MIN	П	(°C)	(°C)	(mb) * *	(deg)	(m/s) * *	*	(E)	
1215811.23N14629.17W22May041206 7.9	14629.17W	22 May 04	206	7.9	•	0	18012	7	74	24800	
SBE 9+ 09P;	TIMES JD/TIME	MET.		DATA	A LOCATION	- Q		RE	REMARKS	ų,	

SEC TEMP SN PRESS SN PRI TEMP SN 63503 1771 2578 START DOWN DATA ON AT DEPTH Tape/Diskette ID File Name/Header Cleaned air bleed valve

SEC COND SN PRI COND SN

2251

4 5

CTD CONVERTED MONITOR VALUES

FLUOR S/N _ 0

4 5

Oxygen

MAX. DEPTH =

∄

TRANS. S/N

SAMPLE BOTTLE
DATA

SAMPLE BOTTLE NUMBER

2272

AT SURFACE PAR S/N_

TRIP DEPTH

12

70 9 œ

O ഗ ω

250 200, 250 9 100 106 ટુ

PRESSURE

PRI. TEMP.

SEC. TEMP

SALINITY

SALINITY

SAL.

NUTR.

CHL.

PAM

00

PG

l 유

	G)
1		
	ç)

	S D
9	2

12	11	10	9	8	7	6	51	4	ω	2			POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09Pa	- 2H	CONSC CAST#	VESSEL RV Alpha Helix
				0	20	50	100,	150	250	500	105¢		TRIP		1	1	1	SN 6	09P;	58	DEG L	la Helix
									`			PRESSURE		2251	2272	2578	1771	3 5 0 3		0 0 0	16,88	
												SURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1 45 5	LONG	
							i					PRI. TEMP	CTD CO	_ 4 5 1 6	m	1	≥		JD/TIME	47	53,96	
												MP.	CTD CONVERTED MONITOR VALUES						ME	≤	DATE JD=	PROJ
				:								SEC. TEMP	ONITOR VAL	FLUOR S/N			Γ	Тар		+ +	15. 18. (G	PROJECT & LEG
												פ	UES	0 4 5 1				Tape/Diskette ID		۲ 3	ME 2 ME (2	
												SALINITY		6]]]			D	DATA	00	(°C) (°C) WET	DSDB I.D.
												7		Oxygen				File Nan	A LOCATION		PRESSURE	
												SALINITY	SAMPLE BOTTLE DATA					File Name/Header		6 130	* SEA STATE * VISIBILITY (deg) OR OF THE PROPERTY OF THE PR	
								 				T	A OTTLE] ×]		ᇛ	\rightarrow	(m/s) WIND * CLOUD (am	STATION DESIGNATION
					<u> </u>							SAL. N	SAMPL	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			REMARKS	76	* TYPE * WEATHER	N DESIG
					_						_	NUTR.	SAMPLE BOTTLE NUMBER	S/N	[l air blee				1664	(m) HTGBD NOTTOB 1 FCP	NATION
						i						CHL.	E NOM			ed valve				1 -b. All + 1		
												PAM	BER	I	3	11	1				EDDW13 STA. NAME/ID	

PG ___ OF ___

12	11	10	9	8	+		6 502	5 1001	4 507	3 250	2 300	1 750/	PRESSURE		POS. TRIP DEPTH	SEC COND SN 2251 PA	PRI COND SN 2272 AT SI	SEC TEMP SN 2578 AT DI	PRI TEMP SN 1771 STAR	PRESS SN 6 3 5 0 3 DATA ON	SBE 9+ 09P; TIMES	0 . G 1 N I	DEG	LATITUDE	RV Alpha Helix
													PRI. TEMP.		CTD CONVERTED	PAR S/N _ 4 5 1 6	AT SURFACE	AT DEPTH	START DOWN	4 ON	S JD/TIME	18.74wa3M	MIN DAY	LONGITUDE DATE JD=	
	i i												SEC. TEMP		CTD CONVERTED MONITOR VALUES	FLUOR S/N 0 4 5	<u> </u>			Tape/Diskette ID	020	a y 0 4 1 9 5 9	MO YR HR MIN	TIME (GMT)	H X 2 8 4
													SALINITY			1 6 Oxygen					DATA LOCATION	41 . 1.8	(°C) (°C) (mb)	WET WET	-
-													SALINITY		DATA					File Name/Header		613015	* (deg) (m/s)		
				7		77	7		, ,		5	7	SAL. NOIR.		() () ()	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			REMARKS	8 76 39 53	(m)	WEATHER)
					,	7)	1						CHL. FAM	}		TRANS. S/N	a	bleed valve						3 (DAWI) OM STA. TH NAME/ID	

PG __OF __

12	11	10	9	8	Ţ	7	6	ഗ	4	3	2	7		POS. T	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	200	CONSC CAST#	VESSEL RV Alpha Helix
				0	, 0	9	95	0 X	25	250	g S	40		TRIP DEPTH			1	l	6	72	_	LAT	elix
								i I:					PRESSURE		2251	2272	2578	1771	3 5 0 3	_	OQ N	LATITUDE	
			-						!				URE	1	PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	553	LONGITUDE	
					i								PRI. TEMP	CTD CON	4516					JD/TIME	99		_
			 								 			VERTED MOR						m	3	DATE JD=	H X 2 8 4
				!									SEC. TEMP	CTD CONVERTED MONITOR VALUES	FLUOR S/N 0				Tape/D		22	TIME (GMT)	2 8 4
					1								S	· ·	4 5 1 6				Tape/Diskette ID	D.) DRY BULB	
		!	ļ	ļ			ļ						SALINITY		Oxygen			!	File	DATA LOCATION	•	WET PRESSUF	- ē
	ļ.												SALINITY	DATA	II CAMPIE BO			i I	File Narre/Header	ž	6 6130	* SEA STAT * VISIBILITY (deg)	TE Y
	<u> </u> -	<u> </u>		<u> </u>			<u> </u> 	<u> </u> -	<u> </u>				Y SAL.		T	MAX		, 	ļ	REN	1.5	(m/s) SP SE SE SE SE SE SE SE SE SE SE SE SE SE	amt)
	-			+			-			+			L. NUTR.		SAMPLE BOTTLE NUMBER	MAX. DEPIH=	Cleaned air bleed valve			REMARKS		* WEATHE BOTTOM	amt)
			1					+	+	-			CHL:		TI F NIJMBE						63886ED2 W18	M STA.	
													PAM	<u> </u>	zi	Ξ					125	l là	

PG ___OF __

G)
5)

12	⇉	10	9	8	7	o	O1	4	ω	2			Pos.	Ìğ	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	133		CONSC CAST#	VESSEL RV Alpha Helix
				o	20	SO	3	150%	250	5004	7504		TRIP DEPTH	ID SN	D SN _	IP SN	NS.	ž ه	9 2	580	DEG	C	Helix
												PRESSURE		2251	2272	2578	1771	3 5 0 3		0.87 N	NIN	LATITUDE	
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1 441	DEG	LONG	
												PRI. TEMP	CTD CC	451	Ж́	1	≩ 	1	JD/	7.921	MN	LONGITUDE	
									:			MP.	CTD CONVERTED MONITOR VALUES	6					JD/TIME	w a 4 м a	DAY MO	DATE JD=	PRC
												SEC. TEMP	MONITOR V	FLUOR S/N		' 	ı I	ا ط		y 0 4	ΥR	"	PROJECT & LEG
			;									MP	ALUES	N 0 4 5				Tape/Diskette ID		0950	Z	TIME O	+ 6
												SAL	:	1 6				e D	DA:	7.7	(°C)	DRY BULB	DSDB
												SALINITY		Oxygen			' 	File	DATA LOCATION		Ц	WET	Į įĐ
		_										ς	SAMP					File Name/Header	9	Ţ	*	PRESSURE SEA STATE VISIBILITY	
						:		:				SALINITY	SAMPLE BOTTLE DATA					ader		8005		WIND WIN SPE	STA
											آر در ن و	SAL.			MAX. D	Clea			REMARKS	5 2	*	SE SE SE SE SE SE SE SE SE SE SE SE SE S	ATION DE
				9	1	1	1	7	7	7	7	NUTR.	SAMPLE BOTTLE NUMBER	TRANS, S/N	MAX. DEPTH =	Cleaned air bleed valve			2KS	372	П	BOTTOM	STATION DESIGNATION
				~	1	\						CHL.	TLE NU			eed valv				262	Н		Į ž
										•		PAM	/BER		3	0				421		edzw2 STA. NAME/ID	

VESSEL RV Alpha Helix CONSC CAST # DEG DEG	Helix 10.81 LATITUDE DEG MIN 58111.15N	ONG ONG	ζ, ω W	PROJECT & LEG H X 2 8 4 DATE JD= DAY MO YR H DAY MO YR H	1337 TIME (GMT) 4 1 44 1	DSDB I.D. DRY BULB BU (°C) (C) VET	PRESSURE * SEA STATE	* VISIBILITY	* VISIBILITY (deg) ORDER	* VISIBILITY (deg) ORDER	STATION DESIGNATION SIBILITY YIND WIND OUT (deg) (m/s) * * (m) (m) STATION DESIGNATION (amt)	VISIBILITY (deg) (m/s) * CLOUD (amt) * TYPE * WEATHER
SBE 9+ 09P; PRESS SN 6 3 5 PRI TEMP SN 1771	0 3	TIMES DATA ON START DOWN	JD/TIME		Tape/Diskette ID		TAL	CATII File	DATA LOCATION File Name/Head	File Name/Header	me/Header	File Name/Header	me/Header
SEC TEMP SN		AT DEPTH AT SURFACE									MAX. DE	MAX. DEPTH =	Cleaned air bleed valve
IJŽ	SEC COND SN 2251	PAR S/N_	4 5 1 6	FLUO	FLUOR S/N _ 0 4	5 1 6	Oxygen	gen	╛┃	╛┃	SAMBLE BOTTLE	SAMBLE BOTTLE	SAMBLE BOTTLE
POS. D	TRIP DEPTH		CTD CONVE	CTD CONVERTED MONITOR VALUES	OR VALUES				SAMPL	SAMPLE BOTTLE DATA	TTLE		SAMPLE BOTTLE SAMPLE BOTTLE NUMBER
	PRESSURE	URE	PRI. TEMP.	SEC.	C. TEMP	SAI	SALINITY		SA	SALINITY	SALINITY SAL.	SAL. NUTR.	SAL.
<u> </u>	150 T												
2	500 1												
ω	2501												
4	1504												
თ	700												
6	50-												
7	26												
∞	0												
10 9													
11		:											
12													

VESSEL SEC TEMP SN CAST# SEC COND SN PRI TEMP SN PRESS SN RV Alpha Helix PRI COND SN SBE 9+ 09Pi $\stackrel{\rightharpoonup}{=}$ 10 12 9 <mark>ග</mark> Çī 4 ω ∞ Ŋ 375811.29 7501 DEPTH 5 18° TRIP 585 1001 DEG 9 9 MIN 6 2578 2272 2251 1771 ယ Ç 0 PRESSURE ω N +330. START DOWN AT SURFACE AT DEPTH DATA ON TIMES DEG PAR S/N LONGITUDE G MIN CTD CONVERTED MONITOR VALUES 0 PRI. TEMP. ഗ 4 W 2 4 M a y JD/TIME Q DATE JD= PROJECT & LEG H X 2 8 4 FLUOR S/N_ 0 4 SEC. TEMP 뇄 Tape/Diskette ID HR MIN TIME (GMT) 530 0 4 **DRY BULB** Ġ ී DSDB I.D. တ 0 SALINITY DATA LOCATION WET BULB (ိ) Oxygen File Name/Header (mb) **PRESSURE** 00 SEA STATE VISIBILITY SAMPLE BOTTLE <u>る</u> SALINITY WIND DIRN. DATA (deg) © No CLOUD (amt)
TYPE STATION DESIGNATION (m/s) REMARKS MAX. DEPTH = 1 SAL. Cleaned air bleed valve SAMPLE BOTTLE NUMBER TRANS. S/N WEATHER NUTR. 3634 BOTTOM DEPTH 9 3 은무. STA. NAME/ID PAM 3

X

PG

12	11	10	9	æ	7	6	Ŋ	4	ω	2			POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	1		CONSC CAST#	VESSEL RV Alpha Helix
								0	ري 0	20	(C)		TRIP DEPTH	ND SN	ND SN _	MP SN	MP SN	ı	09P;	05949	DEG		L Helix
												PRESSURE		2251	2272	2578	1771	6 3 5 0 3		-Q	MIN	LATITUDE	
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	147	DEG	LONG	
						ļ						PRI. TEMP	CTD CO	_ 4 5 1 6	m		≥ 	-	JD/TIME	0.37 W	MIN	LONGITUDE	
												MP.	CTD CONVERTED MONITOR VALUES	, ,					IME!	7W25 M a	DAY MO	DATE JD=	PRO.
												SEC. TEMP	MONITOR V	FLUOR S/N		· 	· 	· 	,	y 0 4	Ϋ́R		PROJECT & LEG
												MP	YLUES	0 4 5				Tape/Diskette ID		842	HR MIN	TIME (GMT) DF	
												SALINITY		1 6				Ö	DAT	7 1	(°C)	DRY BULB	DSDB I.D.
												YTIN		Oxygen				File N	A LOCATION	. 44	(°C) (mb)	BULB WET PRESSURE	
												SAL	SAMPLI D.					File Name/Header	Z	0	*	SEA STATE VISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA					er		11000	(deg) (m/s)	WIND WIND CLOUD (amt)	STATI
								,				SAL. NI	SAMPLE	TRANS. S/N	MAX. DEPTH =	Cleaned	<u></u>		REMARKS	872	*	TYPE WEATHER	ECH H NOITANDISED NOITATS
								1	-	1	5	NUTR. CHL.	SAMPLE BOTTLE NUMBER	S/N	H =	Cleaned air bleed valve				2	(E)	воттом DEPTH	WATION NOITA
												PAM	NUMBER		3	alve	1			チでい		STA. NAME/ID	

5.0

PG ___ OF ___

12	11	10	9	8	7	6	ഗ്വ	4	ω	2		_	Pos.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	カード		CONSC CAST#	VESSEL RV Alpha Helix
								D	べる	000	65		TRIP DEPTH		1		l	ž o	9Pi	OT	DEG		Helix
												PRESSURE		2251	2272	2578	1771	3 5 0 3		ф. ф ЧN	₹ Z	LATITUDE	
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1465	DEG	LONG	
												PRI. TEMP	CTD CC	1 4	Η̈́	1	<u>₹</u>	1	/dľ	9.99w	MIN	LONGITUDE	
	-											EMP.	CTD CONVERTED MONITOR VALUES	6					JD/TIME	N N a	DAY MO	DATE JD=	PRO.
											1	SEC. TE	MONITOR V	FLUOR S/N] 	1	ι 1	<u> </u>		y 0 4	ΥR	- 11	PROJECT & LEG
												TEMP	/ALUES	N_ 0 4 5				Tape/Diskette ID		1956	HR MIN	TIME (GMT) D	o o
												SAL		5 1 6				te ID	DA:	7.2	(°C)	DRY BULB	DSDB I.D.
											i	SALINITY		Oxygen				File	DATA LOCATION	. 4	(°C) (r	WET BULB	Þ Þ
					<u> </u> 			<u> </u> 				l s	SAMP		3			File Name/Header	ON	6	(mb) * *	PRESSURE SEA STATE VISIBILITY	
									1			SALINITY	SAMPLE BOTTLE DATA					der		35012	(deg) (m/s)	WIND WIND CLOUD (amt)	STA
												SAL.			MAX. DEPTH =	Clear]	I I	REMARKS	2872	*	CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
								1	1	7	1	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N_	EPTH =	Cleaned air bleed valve			KS	179	(m)	воттом рертн	SIGNATIO
												어.	TLE NUN			eed valv							ζŽ
												PAM	/BER		3	.						STA. NAME/ID	

PG

유

12	11	10	9	8	7	6	თ	4	ω	2			POS.	SEC C	PRI CC	SEC TE	PRI TEMP SN	PRESS SN	SBE 9+ 09P	りわり	9	CONSC	VESSEL RV Alpha
								0	50	8	192	<u>; </u>	TRIP DEPTH	SEC COND SN 2251	PRI COND SN 2272	SEC TEMP SN 2578	MP SN 1771	SN 6 3	09P	593	DEG		VESSEL RV Alpha Helix
												PRESSURE	į	51				503		N CS	2 0	ATITIOE	
												RE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	7	DEG	I ONG	;
												PRI. TEMP	CTD CC	4 5 1	П	!	Ž		JD/		MIN	ONGITION	ı
												MP.	CTD CONVERTED MONITOR VALUES	6	1				JD/TIME	2	l la	DATE ID=	PR(
												SEC. TEMP	MONITOR	FLUOR S/N		1	1	·		y 0 4	ΥR	· · · · · · · · · · · · · · · · · · ·	PROJECT & LEG
												EMP	VALUES	4			:	Tape/Diskette ID			Z	GMT)	4 6
												SA		5 1 6			ı	tte ID	DAT	4 . ¢	(°C)	DRY BULB	DSDB I.D.
											!	SALINITY		Oxygen		1		File	TA LOCATION		Ц	WET	I.D.
					<u> </u> 							G	SAME					File Name/Header	Ö	6	* (PRESSURE SEA STATE VISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA					ader		3201		WIND WII	T.S
												SAL.			MAX. DEPTH =	Clean		i	REMARKS	1872	* (* (S E CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
												NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	PTH =	Cleaned air bleed valve			Š	202	П	ВОТТОМ	GNATIO
												CHL.	TLE NUN			eed valv					Н	<u> </u>	j Ž
												PAM	BER	2	3	Ф				4 W 3		STA. NAME/ID	

11	10	9	8	, .	7	6	ڻا ن	4	ω	2	<u></u>		POS. D	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	- - - - -	CONSC CAST#	VESSEL RV Alpha Helix
								3	40	8	97	PRESSURE	TRIP DEPTH	D SN 2251) SN 2272	P SN 2578	SN 1771	V 63503)Pi	24 25 . O ON	ไธ	Helix
1												URE		PAR S/N_	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	もしたわっ	ONG	
												PRI. TEMP	CTD CONVERTED	4516					JD/TIME	. asw	-	
												SE							•••	a S	D D	PROJECT & LEG
												SEC. TEMP	MONITOR VALUES	FLUOR S/N _ 0 4				Tape/Diskette ID		0	TIME (GMT)	& LEG 8 4
												SALI		5 1 6		·		ette ID	DAT	& G	JEB T	DSDB I.D.
												YTINI		Oxygen				File N	TA LOCATION	. 99		
												SALINITY	SAMPLE BOTTLE DATA					File Name/Header	~	6324	* SEA STATE * VISIBILITY DE VINCE R. D. VINCE R. D. VINCE DE VINCE	
<u> </u>		_	<u> </u> 	<u> </u>											MA				R	068	S S S S S S S S S S S S S S S S S S S	STATION
-	 							1	`	1	1	SAL. NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			REMARKS	72 204	* TYPE * WEATHER DEPTH	STATION DESIGNATION
								100			:	유.	TTLE NUI			bleed valv				7	 	ŌN
1												PAM	MBER		3	è				H M 2	STA. NAME/ID	

T G)
2)

PG	
유	

11	10	9	œ	7		6	5	4	ω	2			POS.	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	25 -	CAO I	CONSC	VESSEL RV Alpha Helix
								0	50	100	X9		TRJP DEPTH	ND SN	ND SN	MP SN	MPSN	ı	09Pi		DEG		la Helix
												PRESSURE		2251	2272	2578	1771	63503		19.78 N	MIN		
												URE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	0	DEG	-	
					1							PRI. TEMP	CTD C	 4	ACE	I 	OWN 	- 	JD/	7	MIN		
				-								EMP.	CTD CONVERTE <u>D M</u> ONITOR VALUES	6					JD/TIME	≥	DAY MO		PRO
				!								SEC. 1	ONITOR	FLUOR S/N						y 0 4	YN_		PROJECT & LEG
												TEMP	VALUES	%/N_ 0 4				Tape/Diskette ID			HR MiN		4 G
												SA		5 1 6				tte ID	DAT	با. •	(°C)	7 0 0 = 0	DSDB I.D.
												SALINITY	[Oxygen			 	File	ATA LOCATION			WET	
				<u> </u>								S	SAMI	ס				File Name/Header	Ö	41	* s	PRESSURE EA STATE ISIBILITY	
												SALINITY	SAMPLE BOTTLE DATA					ader		\vdash	(deg) (m/s)	Z WIND	ST
												SAL.		TRA	MAX. [Cles			REMARKS	47 00	* T	Z S S S S S S S S S S S S S S S S S S S	ATION DE
					†			<	<	5	1	NUTR.	SAMPLE BOTTLE NUMBER	TRANS. S/N	MAX. DEPTH =	Cleaned air bleed valve			RKS		(m)	_	STATION DESIGNATION
		**-										CHL:	TLE NUM			eed valve				~	+	 	z
												PAM	1BER		3	U				H S 5	יאליאוני/ידע אליאוני/ידע	STA.	

12	11	10	9	8	7	0	n	5	4	ω	2			POS.	SEC C	PRI CC	SEC TI	PRI TE	PRESS SN	SBE 9+ 09P	<u>. </u>	CONSC CAST#	IVESSEL RV Alpha
			ų.						0	50	100	189		TRIP DEPTH	SEC COND SN	PRI COND SN	SEC TEMP SN	PRI TEMP SN	SSN	+ 09P;	7 Se		VESSEL RV Alpha Helix
						<u> </u>							PRESSURE		2251	2272	2578	1771	63503		20.04N	LATITUDE	
													URE .		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1 4 6 5 4	LONGITUDE	
													PRI. TEMP	CTD CON	4516	'''		Ž		JD/TIME	. P C W		
							_				-		. .	CTD CONVERTED MONITOR VALUES	F					ME	DAY MO	اـــــــــــــــــــــــــــــــــــــ	PROJE H X
													SEC. TEMP	INITOR VALU	FLUOR S/N_				Таре	_	0 4 0 6	(G 	PROJECT & LEG H X 2 8 4
														IES	0 4 5 1 6				Tape/Diskette ID		MIN (°C)	DR.	
					! -								SALINITY		Oxygen				П	DATA LOCATION	(°C)		DSDB I.D.
			•			<u> </u> 	1						(0)	SAM	jen				File Name/Header	NOITA	4 (mb) *	PRESSURE SEA STATE VISIBILITY	
													SALINITY	SAMPLE BOTTLE DATA					ader		(deg) (m/s) 3 Φ Φ Φ9		STA
							1						SAL.		TRAI	MAX. DEPTH =	Clea			REMARKS)	TYPE	TION DES
									<	(<	Z	NUTR.	PLE BOTTI	TRANS. S/N	EPTH =	Cleaned air bleed valve			KS	(m)	ВОТТОМ	STATION DESIGNATION
$\frac{1}{2}$							\ \ 						CHL. PAM	SAMPLE BÖTTLE NUMBER	!	3	ed valve				K S6	STA.	

12	11	10	9	∞	7	,	6	ڻ.	4	ω	2			T C V	18	PRI COND SN	SEC TEMP SN	PRI TEMP SN	PRESS SN	SBE 9+ 09P	250		CONSC	VESSEL RV Alpha Helix
									0	0	8	7		DEPTH				1	<u>ج</u> اه	9P:	P	DEG I		Helix
					l.							ŀ	PRESSURE		2251	2272	2578	1771	3 5 0 3		5. O.2.N	Miz	LATITUDE	
						ļ							SURE		PAR S/N	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1465	DEG	LONG	
													PRI. TEMP	0	4516	m		\ <u>\{\}</u>		JD/TIME	O	_	LONGITUDE	
													1P.							NE	3 w 26 m a y	DAY MO	DATE JD=	PROJEC H X
								!					SEC. TEMP		5 1 6 XFLUOR S/N 0			İ	Tape/I		0 4 0 7 1	YR HR MIN	TIME (GMT)	PROJECT & LEG H X 2 8 4
			¥.												0 4 5 1 6	i			Tape/Diskette ID		٠,	(°C)	T) DRY BULB	DSI
	1	•											SALINITY		Oxygen				Ξ.	DATA LOCATION	2	(°C)	B BULB	DSDB I.D.
				<u> </u>							<u> </u> 	<u> </u> 	(0)		╡				File Name/Header	TION	44	(mb) * *	PRESSURE SEA STATE VISIBILITY	
				i	į								SALINITY	DATA	SAMPI E BOTTI E				ader		34446	(deg) (m/s)	WIND WIND SPD. CLOUD (amt	STAT
													SAL.		TRAN	MAX. DEPTH =	Clean			REMARKS	12	* *	TYPE WEATHER	STATION DESIGNATION
									1	`	1,	\^ 	NUTR. C	-	TRANS. S/N	PTH =	Cleaned air bleed valve			Š	183	(m)	BOTTOM DEPTH	GNATION
													CHL. PAM		NUMBER	3	dvalve				H S 7		STA. NAME/ID	

PG __OF_