PG OF

WHIT'S CODE COUNTS 1025BEIO NUTR. NAME/ID TRANS. S/N SAMPLE BOTTLE NUMBER € Cleaned air bleed valve STATION DESIGNATION SATION 方 MAX. DEPTH = 92 MIND WIND CLOUD (8001)
TYPE
TYPE
DIRN. SPD. CLOUD (8001) Para S S > REMARKS SAL. (s/ш) (bep) SAMPLE BOTTLE SALINITY DATA File Name/Header SEA STATE VISIBILITY (mb) ChIAM S/N PRESSURE DATA LOCATION WET BULB ပ္စ SALINITY OSDB I.D. DRY BULB ည Tape/Diskette ID DATE JD=. (GMT)
DAY MO YR HR MIN TIME (GMT) 9 1 641 9 1 7 3 W 2 CM X Y 9 9 1 9 2 FLUOR S/N
CTD CONVERTED MONITOR VALUES PROJECT & LEG HX220 SEC. TEMP JD/TIME PRI. TEMP. LONGITUDE NIM START DOWN AT SURFACE PAR S/N AT DEPTH # 63503 DATA ON DEG TIMES PRESSURE LATITUDE 25525 DEG MIN PRI TEMP SN 1771 SEC TEMP SN 1772 PRI COND SN 2251 SEC COND SN 501 POS. TRIP DEPTH Alpha Helix 00 20 0 O: T; 50 15 PRESS SN 35 SBE 9+\$ VESSEL CONSC CAST# = S 2 2 9

Plant-

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VESSEL Al	il. Alpha Helix			<u>본</u> 포	PROJECT & LEG HX220	EG	DSDB 1.D.	I.D.		8	STATION DESIGNATION	ESIGNA'	NOIL		
consc						IME	DRY	WET	BRUSSE STATS / YTIJIBI	WIND	WIND (amt) PER	ATHER BOTTOM		STA.	
CAST #		LONC	LONGITUDE	DATE JD=	_ h	(GMT)	BULB	\Box	SIN : /3S :		CTC : ig	$\overline{}$	_	NAME/ID	
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?	3515 251 0 7 IN	- C	₹ •	Y SIM OF SIM VIX	A Y 9 9	1744							7	3610	
SBE 9+		TIMES	JD/TIME	IN IN			Q	DATA LOCATION	8		REM	REMARKS	446	1	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
PRESS SN	# 63503	DATA ON				Tape/Diskette ID	te (D	File	File Name/Header	eader		<u></u>	pho	cast	
PRI TEMP SN	P SN 1771	START DOWN	NA								[Chunk
SEC TEMP SN	1772	АТ ОЕРТН			 						ŏ	saned air	Cleaned air bleed valve	2	
PRI COND SN	2251	AT SURFACE	<u></u>								MAX.	MAX. DEPTH =	30	ε	De goludini
SEC COND SN	503	PAR S/N			FLUOR S/N	ş		CHIAM S/N	\%		E	TRANS. S/N			1
POS				NVERTED	CTD CONVERTED MONITOR VALUES	VALUES			NAS .	SAMPLE BOTTLE DATA	<u>`</u>	MPLEBC	SAMPLE BOTTLE NUMBER	MBER	
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	PRESSURE	URE	PRI, TEMP.	ē.	SEC. TEMP	EMP	SA	SALINITY		SALINITY	SAL	Bi	동	WHIT'S NUTR.	
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510	STA. NAME/ID		02820	-2	pd		ed valve	30 m		SAMPLE BOTTLE NUMBER	WHIT'S CHL. NUTR.												
GNATION S	BOTTOM DEPTH	(E)		-	powc		Cleaned air bleed valve	*	S. SAN	LE BOTT	Bio								1	1	1		
STATION DESIGNATION 286	WEATHER /			REMARKS			Clean	MAX. DEPTH =	TRANS. S/N	SAMP	SAL.		1		•								
STAT	S WIND (ami)					<u>.</u> 	 			отте А	È								•				
	VISIBILITY DIRN	(deg)			/Header					SAMPLE BOTTLE DATA	SALINITY							Æ					
	PRESSURE SEA STATE	(mb)		NOLLY	File Name/Header	!			CHIAM S/N	S													
LD.	WET	(c)	•	DATA LOCATION	ш	ı	 	ļ	S]	SALINITY											ļ	
DSDB I.D.	DRY BULB	(၁့)	•	2	tte ID						N S									:		ļ	
ទួ	TIME (GMT)	HR MIN	2029		Tape/Diskette ID				Z.	VALUES	EMP								,				
PROJECT & LEG HX220		NR	6					:	FLUOR S/N	ONITOR	SEC. TEMP		:			:							
PROJE HX220	DATE JD=	DAY MO	7 WOOMAY	ш	j	,	!			CTD CONVERTED MONITOR VALUES						\dashv							
		F	4 W 3	JD/TIME						TD CONV	PRI. TEMP.												
	LONGITUDE	N	<u>.</u>		-	OWN	Ŧ	ACE		1													
	9	DEG	491	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR S/N		URE												
	<u>.</u>		O		#63503						PRESSURE												
Helix	LATITUDE		5525.		# 63	1771	1772	2251	l							,	,	<u> </u>					
EL Alpha Helix	S #	DEG	45	K +1	NS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		20	30	06	05	8	5	· \	,5				
VESSEL	CONSC CAST#			SBE 9+	PRESS SN	P. E.	SEC 1	PRIO	SEC	Pos		-	2	3	4	5	9	7	8	6	9	=	ę

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VESSEL				<u>a</u> :	PROJECT & LEG	LEG	DSDB I.D.				STAT	ION DE	STATION DESIGNATION	S.	
Alpha Helix	×			<u>=</u> -	HX220		-	(4	ŀ		1	Ė	207	~ L	
CONSC LA	ATITIDE		LONGITUDE	DATE JD=	۵	TIME (GMT)	DRY	WET	PRESSURE SEA STATE	YTIJIBISIV SI SI S	S WING CLOUD (amt) TYPE	CLOUD (amt) TYPE ABHTABW	BOTTOM		STA. NAME/ID
DEG	NIM	DEG	N	λ¥	MO YR	ᆣ	္မွ	(S)	_	1	(s/u)	•	Ξ		
co	5.05N	164	7		×			•					ह 	27.8	185 D
SBE 9+\$		TIMES	ar	JD/TIME			ā	DATA LOCATION	NO.			REMARKS	KS		
PRESS SN #	# 63503	DATA ON			ı	Tape/Diskette ID	ette ID	Ē	e Name	File Name/Header					
' <u>z</u>	1771	START DOWN	 								1				
SEC TEMP SN		AT DEPTH			ļ ·							Clean	Cleaned air bleed valve	eed valv	9
		AT SURFACE	ا سِ		i			 				MAX. DEPTH =	EPTH=	66	m
Ι_		A PAR SA			X FLUOR SAV	SN		CHIAM SAN	NS.			TRAI	TRANS. S/N		
-				CTD CONVERTED MONITOR VALUES	MONITO	3 VALUES				SAMPLE BOTTLE DATA	ЭПС	SAM	SAMPLE BOTTLE NUMBER	TLE NU	1BER
	PRESSURE	J. C. BE	PRI. TEMP.	EMP.	SEC	SEC. TEMP	S.	SALINITY		SALINITY		SAL.	Bio	CHL.	WHIT'S NUTR.
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VESSEL Alpha Helix				-	PROJECT & LEG HX220	LEG	MSO	DSDB I.D.		S	TATION	STATION DESIGNATION 5868	586	Co.	
CONSC	ATHIO		one mine	DATE	<u>ا</u> ے	TIME	DRY	WET	SEA STATE	MSIBILITY ON WIND	W W COUD (ami) 3QV BAYTHER THER	EATTOM DEPTH		STA. NAME/ID	
SEG DEG		DEG	MIN	DAY MO	MO YR	1=	(၃)	1	<u> </u>	(deg)	. , (s/w)	(w)	\vdash		
] જ	N OC.	1 74	15.17	7 M DCM / F	(A Y 9 9		•					Ž	00	58E8	
\$+6 38S		TIMES	Var	JD/TIME			A	DATA LOCATION	NO		REM	REMARKS			
PRESS SN #	# 63503	DATA ON	İ		ı	Tape/Diskette ID	ette ID	File	File Name/Header	Header					
PRI TEMP SN 17	1771	START DOWN	NA NA		A.			 			[
SEC TEMP SN 17	1772	AT DEPTH					,	,			<u>5</u>	Cleaned air bleed valve	bleed val	9	
PRI COND SN 22		AT SURFACE	 					, , [MAX.	MAX. DEPTH =	16	E	
SEC COND SN 501		PAR SN			FLUOR SAN	N/S 2		ChIAM S/N	SN		E	TRANS. S/N			
		1		NVERTE	MONITO	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE NUI	MBER	
						\ \					1			WHIT'S	
-	PRESSURE	JR.	PRI. TEMP.	J.	SEC	SEC. TEMP	<i>₹</i>	SALINITY	<u> </u>	SALINITY	8	<u> </u>	<u> </u>	N F	No
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VESSEL Alpha	a. Alpha Helix			PROJE HX220	PROJECT & LEG HX220	EG	DSDB I.D.	G.			STATIC	N DESIG	STATION DESIGNATION SBE	_0_	
				,		Ļ	200	34	BRU88 BTAT8	XII.1	(jms) Ol	R3HT	700		· .
CONSC CAST #	LATITUDE	LONGITUDE		Date JD=	JJ.	(GMT)	BULB	WE! BULB		BISIA	SP O.	MEA TYPE	DEPTH		NAME/ID
DEG	G MIN	DEG	MIN	DAY MO	O YR	HR MIN	(၃)	<u>ဂ</u>	<u>1</u>	(deg)	: (S/u)	-	Ξ		
17515	515187 N	1641	W 07	OW 20MA	Υ 9 9	83 - 5	•					\equiv	75	3	(A)
SBE 9+\$		TIMES	JD/TIME	ME			Ğ	DATA LOCATION	NOL		<u>œ</u>	REMARKS	w		
PRESS SN	# 63503	DATAON			<u> </u>	Tape/Diskette ID	offe ID	适	e Name	File Name/Header					
PRI TEMP SN	1771	START DOWN	z					1				ļ		Į	
SEC TEMP SN		АТ DEРТН										Cleane	Cleaned air bleed valve	ed valve	a
PRI COND SN	2251	AT SURFACE	 								X	MAX. DEPTH =	-	14	E
SEC COND SN	501	PAR SN			FLUOR SAN	×		CHIAM S/N	NS V			THANS. S/N	SN		. 1
POS. TRIP DEPTH		••	CTD CON	VERTED	CTD CONVERTED MONITOR VALUES	VALUES			S	SAMPLE BOTTLE DATA	<u> </u>	SAMPL	SAMPLE BOTTLE NUMBER	E NCM	BER
	PRESSURE	URE	PRI, TEMP.	<u>a</u>	SEC. TEMP	EMP	¥S	SALINITY		SALINITY		SAL.	:86	동	WHIT'S NUTR.
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<u> </u>	Alpha Helix	elix		,		HX220	X CFG		<u>.</u>				58E	7	
					<u> </u>			Ì				ID (amt)			É
CAST #		LATITUDE	<u>S</u>	LONGITUDE	DATE JD=	JD=	(GMT)	BULB	WEI BULB	SEA S	WIND WIND DIRN. SPD.	WEAT TYPE CLOU	DEPTH		STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁့)	(°C) (m		(s/w) (bep)		(w)		
	955	10.40N	164	7.76	76W21MAY	MAY99	90013	•	•				5		SAEH
SBE 9+	\$ +		TIMES	Jan	JD/TIME		4	DA	DATA LOCATION	ž		REMARKS	s		•
PRESS SN		# 63503	DATA ON				Tape/Diskette ID	ette ID	File	File Name/Header	er				
PRIT	PRI TEMP SN	1771	START DOWN	NAA									;		
SEC	SEC TEMP SN	1772	АТ ОЕРТН	_								Cean	Cleaned air bleed valve	ed valve	
PRIC	PRI COND SN	2251	AT SURFACE									MAX. DEPTH =	PTH=		٤
SEC (SEC COND SN		PAR SA			FLUOR SAN	NS.N		CHIAM S/N	Ķ		TRANS. S/N	S. SAN		
POS	TRIP				NVERTE	D MONIT	CTD CONVERTED MONITOR VALUES			SAMPLE	SAMPLE BOTTLE DATA	SAMP	SAMPLE BOTTLE NUMBER	LE NUM	## ##
	ספרוה									5	5				
		PRESSURE	URE	PRI. TEMP.	WP.	SEC	SEC. TEMP	SAL	SALINITY	SAL	SALINITY	SAL	98	륑	WHIT'S NUTR.
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02				· <u>-</u>		TIME	DRY	WET	BRUSSER BTATS A	YTIJIBIS	ONIM	OUD (ami) 3q A3HTA			STA.
CAST # LV	LATITUDE	LON LON	LONGITUDE	DATE JO-		(GMT)	BULB	BULB			S S	₩.	DEPTH (m)	+	NAME/ID
1	5- 5-N		3.8/W	_ ≥	6	0		<u>.</u>	13					0	S 3 E 3
SBE 9+\$		TIMES	JD/TIME	IME			q	DATA LOCATION	NOL			REMARKS	S.		
PRESS SN #	#63503	DATA ON			ı	Tape/Diskette ID	otte ID	Ē	e Name	File Name/Header	<u>.</u>				
PRI TEMP SN	1771	START DOWN	MW		 			 				1			
SEC TEMP SN	1772	AT DEPTH			1 1							Clean	Cleaned air bleed valve	vav bee	و
PRI COND SN	2251	AT SURFACE	 	,	I 1					•		MAX. DEPTH =	PTH=		E
SEC COND SIN	501	PAR S/N			FLUOR S/N	NS.		ChIAM S/N	N/S			TRAN	TRANS. S/N		
POS. TRIP DEPTH]		WERTED	MONITO	CTD CONVERTED MONITOR VALUES			<i>S</i>	SAMPLE BOTTLE DATA	HE HE	SAMP	SAMPLE BOTTLE NUMBER	TE NUN	1BER
	PRESSURE	URE	PRI. TEMP.	Æ.	SEC.	SEC. TEMP	<i>T</i> S	SALINITY		SALINITY	-	SAL.	Big	동	WHIT'S NUTR.
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VESSEL Alpha Helix	Helix				PROJECT & LEG HX220	r& LEG	65	DSDB I.D.				STATIC	ON DESI	STATION DESIGNATION SBE	*4q	
CONSC CAST #	LATITUDE	TONG	TONGILIDE	DATE JD=	-Or		TIME	DRY	WET	PRESSURE SEA STATE	VISIBILITY SINGLE SINGL	S S C C (amt)	MEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG		DEG	N N	DAY		YRH	HR MIN	(၃)	(၁့)		(deg)	. (s/w)		(m)	_	
11155	3.09N	19	AMI CWES.	- CE	_>	9 9	010	•	•					30		5861
SBE 9+		TIMES	JD/TIME	¥				۵	DATA LOCATION	NO.			REMARKS	S		
PRESS SN	#63503	DATA ON			1	<u> T</u>	Tape/Diskette ID	te ID	Ē	e Nam	File Name/Header					
PRI TEMP SN	1771	START DOWN	NN NN		1				1							
SEC TEMP SN	1772	AT DEPTH							i				Cleane	Cleaned air bleed valve	ed valve	
PRI COND SN	2251	AT SURFACE	,		 							-	MAX. DEPTH =	PTH=		ε
SEC COND SN	l	PAR S/N			ELUS E	FLUOR S/N		1	ChIAM SAN	NS I			TRANS. S/N	S. SAN		
POS. TRIP DEPTH			CTD CONVERTED MONITOR VALUES	VERTE	NOW Q	TOR V	ILUES			۳	SAMPLE BOTTLE DATA	1. 1. 1.	SAMPI	SAMPLE BOTTLE NUMBER	ENUM	EB EB
										-					۲	WHITE
	PRESSURE	URE	PRI. TEMP.	Æ.	SS	SEC. TEMP	₽	SAI	SALINITY		SALINITY		(8)		뜐	NCTR.
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VESSEL Alpha Helix	»įį			PROJE HX220	PROJECT & LEG HX220		DSDB 1.D.		 		STATIC	N DESK	STATION DESIGNATION	\$ BD	ŭ
CONSC CAST #	LATITUDE	TONC	NGITUDE	DATE JD=	<u> </u>	TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATE	VISIBILITY ON WIND ON WIND	SP SP (amt)	MEATHER WEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	WIN		ZI .	DAY MO	Ϋ́B	≆	<u>ي</u>	္ရ	<u>.</u>	(deg)	· (s/m)	•	E		
355	16.86N	-63	53.85Wa1	N A W	6	Da 1 4		•					3		2802
SBE 9+\$		TIMES	JD/TIME	ME	_		2	DATA LOCATION	NO.		<u> </u>	REMARKS	s		
PRESS SN #	# 63503	DATA ON			T ₂	Tape/Diskette ID	te ID	Ě	File Name/Header	Header					
PRI TEMP SN	1771	START DOWN	¥]	İ				į		
SEC TEMP SN	1772	АТ ОЕРТН						ļ			لــــ	Cleane	Cleaned air bleed valve	ed valve	
PRI COND SN	2251	AT SURFACE	<u>,</u>								2	MAX. DEPTH =	TH=		٤
SEC COND SN	501	PAR S/N			FLUOR S/N			CHIAM SAN	NS.			TRANS. S/N	S/N		
POS. TRIP DEPTH			CTD CTD	CTD CONVERTED MONITOR VALUES	NITOR V	ALUES]	35	SAMPLE BOTTLE DATA	TLE	SAMPL	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	URE	PRI. TEMP.	<u>4</u>	SEC. TEMP	MP MP	SAI	SALINITY		SALINITY		SAL.	ig B	동.	WHIT'S NUTR.
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VESSEL	SEL Alpha Helix	Ķ				PROJECT & LEG HX220	LEG	DSDB I.D.	aro.			STATION DESIGNATION SBC	NO DESI	GNATIO 5,	808	
88	CONSC	E E E		E	H AG	ے ۔	TIME	DRY BE	WET	EA STATE	YTIJIBISI S S S S S S S S S S S S S S S S S	S S S S S S S S S S S S S S S S S S S	YPE YPE YEATHER	BOTTOM		STA.
<u> </u>	DEG	MIN	DEG	MIN	DAY	MO YR		(0,)	(2)		オ╌	(m/s)	<u>√</u>		╀	
	455	1 8 ON	191	J. BGWD MAY	₹ 7	A Y 9 9	0253	•	•	-				12		5804
SBE 9+	\$ +6		TIMES	JD/	JD/TIME			ã	DATA LOCATION	NOL		<u> </u>	REMARKS	S		-
PRE	PRESS SN #	#63503	DATA ON			ł	Tape/Diskette ID	ette ID	這	e Name	File Name/Header					
PRI	PRI TEMP SN	1771	START DOWN	W.		ı			1				fi			
SEC	SEC TEMP SN	1772	AT DEPTH			1	į		1			<u></u>	Clean	Cleaned air bleed valve	ed valv	•
PRIC	PRI COND SN	2251	AT SURFACE	36					(≥	MAX. DEPTH =	РТН≖		E
SEC	SEC COND SN	501	PAR S/N			FLUOR SAN	SAN		CHIAM S/N	A S/N		<u> </u>	TRANS. S/N	S. S/N		
S S	L			CTD	NVERTEC	CTD CONVERTED MONITOR VALUES	VALUES			S	SAMPLE BOTTLE	TE TE	SAMP	SAMPLE BOTTLE NUMBER	LE NON	E E
· · · · ·	ОЕРТН	-12	9				3,:				DATA					(#V)
		PRESSURE	URE	PRI. TEMP.	MP.	SEC.	SEC. TEMP	\$	SALINITY		SALINITY		SAL.	· :&	훒	WHIT'S NUTR.
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VESSEL Apha Helix	elix			,	PROJECT & LEG HX220	r LEG	DSDB I.D.				STAT	ON DES	STATION DESIGNATION 58.05	28 0 88 0	6
CONSC CAST#	LATITUDE	PO	LONGITUDE	DATE JD=	9	TIME (GMT)	DRY	WET BULB	PRESSURE SEA STATE	SEA STATE YTURIBILITY SEA STATE YTURIBILITY SEA STATE YE STAT	S MINO (amt)	CLOUD (amt)	BOTTOM	<u> </u>	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(၁့)	(So)		(geb)	(s/w)	_	(w)		
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OND SN 261 AT SUBFACE MAX. DEPTH= CND SN SOIT PAR SN FLUOR SN SAMPLE BOTTLE SAMPLE BOTTLE NAME SOIT TFRIP SEC. TEMP SALINITY SALINITY SAL BIO CHL 50 SOIT SALINITY SALINITY SALINITY SAL BIO CHL 70 SOIT	SEC TEMP	1772	AT DEPTH										Sean	ed air ble	New Dec	2
DND SN SGT PAR SN FLUOR SN CHAMA SN TRANS: SN TREP CTD CONVERITED MONITOR VALUES SAMPLE BOTTLE NUM SC SALINITY SALINITY SALINITY SO PRESSURE PRI: TEMP SEC. TEMP SALINITY SALINITY SO PO PO PO PO PO PO PO PO PO PO PO PO PO PO PO PO PO PO PO	PRI COND	2251	AT SURFAC	 پښ								2	AX. DEI	표		E
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CONSC	LATITUDE	TO	LONGITUDE	DATE JD=	-Q-	TIME (GMT)	DRY	WET	PRESSURE SEA STATE	VISIBILITY DIRN.	WIND SPD. C	S M CCOUD (amt) TYPE WEATHER	ВОТТОМ DEPTH		STA. NAME/ID
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,	63503	DATA ON	ļ		1	Tape/Diskette ID	te ID	Ē	File Name/Header	Header	<u> </u>				
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SEC TEMP SN	1772	АТ ОЕРТН			_ <u>_</u>								Cleaned air bleed valve	ed valv	
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POS. TRIP DEPTH	8			NVERTE	CTD CONVERTED MONITOR VALUES	VALUES			3	SAMPLE BOTTLE DATA	필	SAMP	SAMPLE BOTTLE NUMBER	LE NUM	BEB
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i. Alpha Helix		930	29550c		'	P S	I NS de	l So	N	TRIP DEPTH		25	0	0									
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VESSEL Abha Heix	žie				PROJECT & LEG HX220	EG	DSDB L.D.	.grg			STATK	STATION DESIGNATION 5881	GNATIO 5.8	Z 00	
CONSC	ATTLIDE	5	LONGITUDE	DATE	Ğ	TIME (GMT)	DRY	WET	PRESSURE STATS ABS	YTJJIBIZIV OMN OPPN.	WIND ONE	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH		STA. NAME/ID
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PRI TEMP SN	1771	START DOV	W		-			 			—L				
SEC TEMP SN	1772	AT DEPTH				ļ	\					Clean	Cleaned air bleed valve	ed valv	9
PRI COND SN	2251	AT SURFACE	 맹					ı	i		-2	MAX. DEPTH =	PTH=		E
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PRI COND SN	1	AT SURFACE	<u>ا</u> ببر		 		•			<i>3</i>		MAX. DEPTH =	PŢĦ=		E
SEC COND. SN		PAR SN			PLUOR S/N	NS.		CHAM SA	NS I			TRAN	TRANS. S.N.		
POS.			[]	NVERTE	CTD CONVERTED MONITOR VALUES	VALUES]	S	SAMPLE BOTTLE DATA	置	SAMP	SAMPLE BOTTLE NUMBER	ILE NUI	MBER
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CAST #	LATITUDE	FONC ——	LONGITUDE	DATE JD=	٥	GMT)	DRY BULB	WET	SEV 8	MIND DIRN	SP OF	TA3W	BOTTOM DEPTH		STA. NAME/ID
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PRESSURE PRI. TEMP. SEC. TEMP SALINITY	PRI COND SN	2251	AT SURFAC	 بر								Ž	AX. DEP	井		E
PRESSURE PRI. TEMP. SALINITY S	SEC COND SK	3	PAR SA			FLUOR S	2		CHAN	I SN			TRANS	₩,		
DEPTH DATA PRESSURE PRI. TEMP. SEC. TEMP SALINITY SALINI	POS. TRIP				WERTED	MONITOR	ALUES		1	S	AMPLE BOTH	<u>ــــ</u>	SAMPLI	E BOTTL	E NUME	E
PRESSURE PRI, TEMP, SEC, TEMP SALINITY (SAL.) Bio CHI.		.									DATA		ļ		}	
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VESSEL	El. Abha Heix			-	PROJECT & LEG HX220	EG	DSDB I.D.	lib.		, v	STATIC	N DESI	STATION DESIGNATION	86		40.720
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PRESS SN	* # 63503	DATAON	[- 	Tape/Diskette ID	Ate ID	Œ	e Nam	File Name/Header		7	1] ≰	3	,
PRI TEMP SN	SN 1771	START DOWN	NA.		1			1					25	20	\overline{A}	0R See
SEC TEMP SN	P SN 1772	AT DEPTH				:						Ceem	A eir De	Cleaned air bleed valve		upcas T
PRI COND SN	1	AT SURFACE	 "				4	ĺ			<u> </u>	MAX. DEPTH=	TH=		E	() FIRST
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POS.				CTD CONVERTE		VALUES			07	SAMPLE BOTTLE DATA	TE.	SAMPL	E BOTT	SAMPLE BOTTLE NUMBER	SER .	
	PRESSURE	SURE	PRI. TEMP.	G	SEC. TEMP	TEMP	NS.	SALINITY		SALINITY		JĄ.	:8:	봉	WHIT'S NUTR.	
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VESSEL Abha Helix	瓷			L I	PROJECT & LEG HX220	lEG	DSDB 1.D.	31.0.			STATIC	N DES	STATION DESIGNATION	3.38	
CONSC	LATITUDE	Ŏ	LONGITUDE	DATE	축	TIME (GMT)	DRY	WET	PRESSURE SEA STATE	VISIBILITY DIRN.	SP CLOUD (ami)	ASHTA3W	ВОТТОМ DEPTH		STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO YR	HR MIN	(S	(၁)		(6ap)	. (s/w)	_ I	٦		
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PRI TEMP SN	1771	START DOV	WN					1							
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PRI COND SN	2251	AT SURFACE	ا پر		 			 			<u> </u>	MAX. DEPTH =	TH=		E
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CONSC	LATITUDE	low	LONGITUDE	DATE	ą,	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE YISIBILIY	WIND DIRN.	WIND (SURE) CLOUD (SURE)	WEATHER	воттом рертн	STA. NAME/ID	. Y.
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PRI TEMP SN 1771	START DOWN	NA NA			İ					[
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PRI COND SN 2251	AT SURFACE	 		<u> </u>		l		-		MA	MAX. DEPTH=	# #	٤
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			CTD CONVERTED MONITOR VALUES	MONITOR	ALUES			 ₹	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	вотте	NUMBE
<u> </u>	PRESSURE	PRI. TEMP.	MP.	SEC. TEMP	dW	IVS	SALINITY		SALINITY	₹.		Bio Ci	WHIT'S CHL. NUTR.
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CONSC CAST#		LATITUDE	PIONO	LONGITUDE		DATE JD=	<u>F</u> 9	TIME	DRY	WET	PRESSURE TATE ABS	VISIBILITY OF WAR	WIND SPD.	S WANGE (amit) TYPE TYPE WEATHER	BOTTOM DEPTH		STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	, MO	YR HR	HR MIN	(၁)	(၁့)		(ded)	(m/s)		(E)	_	
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PRESS SN	•	# 63503	DATAON	ļ			Tap	Tape/Diskette ID	te ID	這	e Name	File Name/Header					
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Pos.	TRIP DEPTH				ONVER	CTD CONVERTED MONITOR VALUES	ITOR VAL	UES			S	SAMPLE BOTTLE DATA	ОТТЕ	SAME	SAMPLE BOTTLE NUMBER	TLE NO	MBER
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STATION DESIGNATION	WIND WIND OUT BOTTOM STA. DIRN. SPD. CITY WEID	(deg) (m/s) · · · (m) (geb)	REMARKS	10		Cleaned air bleed valve	MAX. DEPTH = m	TRANS. S/N	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL. Bio CHL. NUTR.											
	PRESSURE SEA STATE VISIBILITY		CATION	File Name/Header				ChIAM S/N	SAMPLE	SALI							_				_
DSDB I.D.	DRY WET	(°C) (°C)	DATA LOCATION	ette ID				_5] 	SALINITY											
PROJECT & LEG HX220	TIME	YR HR MIN 9 9 = ∓ 30		Tape/Diskette ID				FLUOR SAN	NITOR VALUES	SEC. TEMP											
PROJE HX220	DATE JD=	DAY MO	JD/TIME				1	#2	CTD CONVERTED MONITOR VALUES	TEMP.							•				
	LONGITUDE		TIMES		START DOWN	AT DEPTH	AT SURFACE	PAR S/N		JRE PRI.											
lelix	LATITUDE	NIM CO		#63503	1771	1772 A	2251			PRESSURE						:		7.			
VESSEL Apha Helix		DEG 5 S	SBE 9+\$	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS. TRIP DEPTH		1	2	3	4	5	9	2	8	6	10	

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CONSC CAST #	LATITUDE	FON	LONGITUDE	DATE	DATE JD=	TIME	DRY	WET	PRESSURE 3TAT2 A32	SEA STATE VISIBILITY OF IN		W (SIMI) CLOUD (SIMI) TYPE WEATHER	MEATHER BOTTOM DEPTH		STA. NAME/ID
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	PRESSURE	URE	PRI. TEMP.	MP.	SS	SEC. TEMP	\(\mathrea{\sigma}\)	SALINITY		SALINITY	≥	SAL	. <u>8</u>	풍	WHIT'S NUTR.
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CONSC CAST #		LATITUDE	rone	GITUDE	DATE	DATE JO=		TIME	DRY	WET	PRESSURE STATE	VISIBILITY SEA STATE SEA STATE	WIND WING	S WIND (amit)	WEATHER DE713€ DE713€		STA. NAME/ID
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	DEPTH											Š	DATA	_			
		PRESSURE	URE	PRI. TEMP	EMP.	S	SEC. TEMP	<u></u>	SA	SALINITY		SALINITY	YLIN	SAL	Bio	涺	WHIT'S NUTR.
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CONSC CAST #		LATITUDE	PO	LONGITUDE	DATE	Date JD=	TIME (GMT)	DRY	WET	PRESSURE SEA STATE	TIJIBISIV DIRIND	WIND SPD.	CLOUD (amt) TYPE MEATHER	BOTTOM		STA. NAME/ID
	DEG	MIN	DEG	NIIN	DAY		YR HR MIN	(0.)	(၁,)	ļ	(deg)	(s/ш)		(w)	_	
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₽ <u>₽</u>	PRI COND SN	2251	AT SURFACE	 									MAX. DEPTH =	EPTH =		ε
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DEG WIN DAY WO YR HR MIN CO CO CO CO CO CO CO C							TIME	DR√	WET		HBILITY	QNIM	OUD (amt) PE ATHER	_		STA.
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TIMES JD/TIME Tape/Diskette ID File Name/Header START DOWN AT DEPTH AT SURFACE Tape/Diskette ID File Name/Header Tape/Diskette ID File Name/Header AT DEPTH AT SURFACE The Name of Part Surface CTD CONVEHTED MONITOR VALUES SURFE PRI, TEMP. SEC. TEMP SALINITY SALINITY SURFE PRI, TEMP. SEC. TEMP SURFE PRI, TEMP. SURFE PRI, TEMP. SEC. TEMP. SEC. TEMP. SEC. TEMP. SEC. TEMP SURFE PRI, TEMP. SEC. TEMP. SEC. TEMP. SEC. TEMP. SEC. TEMP. S	3	4 O N	1634	00	- رم پ	۲ 9	<u>6</u>					\exists		53	√	843
Tape/Diskette Tape/Diskette D File Name/Header			TIMES	rg,	IME			â	ATA LOCA	TION			REMAS	KS	,	
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PRI. TEMP. SEC. TEMP SALINITY SALINITY	:l			വാ	NVERTE	D MONITC	OR VALUES	324		S	AMPLE B	OTTLE	SAM	SAMPLE BOTTLE NUMBER	LE NUIV	BER
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		PRESSI	URE	PRI. TE	MP.	SEC	; TEMP	¥S .	YTINIT		SALIN	<u></u>	SE.	Bio	용	WHIT'S NUTR.
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VESSEL Ap	i. Alpha Helix			豆丑	PROJECT & LEG HX220	EG	DSDB I.D.	31D.			STAT	ON DE	STATION DESIGNATION $S_{\mathcal{B}}$	8 8 8 8	
CONSC CAST #	LATITUDE	TONK	LONGITUDE	DATE JD=	4	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	SEA STATE VIŠIBILITY DIRIN	SP. CLOUD (amt)	CLOUD (amt) TYPE WEATHER	BOTTOM		STA. NAME/ID
٥	DEG MIN	930	NIM	DAY	IMO YR	HR MIN	(C,)) (O ₄)	.] (qw)	(Gep)		_			
4655	5513.35N	1634	4.132	3 JW P. IMA	A Y 9 9	200	-	•					5	53 5	SBA3
SBE 9+\$	N.C.	TIMES	Q	JD/TIME			2	DATA LOCATION	8			REMARKS	KS		
PRESS SN	# 63503	DATA ON	ļ			Tape/Diskette ID	ite ID	E.	Name	File Name/Header			Jech	Jech Pards	9
PRI TEMP SN	SN 1771	START DOWN	NA NA												
SEC TEMP SN	SN 1772	AT DEPTH										- Se	Cleaned air bleed valve	leed valv	بو
PRI COND SN		AT SURFACE	<u></u>				!					MAX. DEPTH =	EPTH =		ε
SEC COND SN		PAR S/N			FLUOR SAN	N.		CHIAM S/N	 ≸			TRA	TRANS. S/N		1
POS. TE				NVERTE	CTD CONVERTED MONITOR VALUES	VALUES			S	SAMPLE BOTTLE DATA	TTLE	SAM	SAMPLE BOTTLE NUMBER	TLE NUA	MBER
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	PRESSURE	URE	PRI. TEMP.	MP.	SEC. TEMP	EMP	₹S	SALINITY		SALINITY	>	SAL.	Bio	岩	WHIT'S NUTR.
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i. Apha Helix			PROJE HX220	PROJECT & LEG HX220	9	0SDB 1.D.	ā 	F		STATION	STATION DESIGNATION	ATION BC	9	
LATITUDE		LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATE VISIBILITY	WIND DIRN.	SP (amt) CLOUD (amt) TYPE	MEALHER	ВОТТОМ DEPTH	STA. NAME/ID	(2) (H)
DEG MIN		NIE	DAY MO	ΧB	HR MIN	(C)	(၁.)	(mb)	(deg)	(m/s)	•	Ξ		7
<u>∞</u>		11/	W.	6 6 A	69/							77	5 BC 6	9
	TIMES	עס	JO/TIME			2	DATA LOCATION	¥Q.		<u>æ</u>	REMARKS		•	
# 63503	503 DATAON			<u> </u>	Tape/Diskette ID	CE egg	产	File Name/Header	Header		Lek	3	PROS	-
PRI TEMP SN 1771	START DOWN	NWC			•					[_
SEC TEMP SN 1772	AT DEPTH	, ,					, ,				Cleaned	Cleaned air bleed valve	valve	· · · · ·
PRI COND SN 2251	AT SURFACE	 ور			Þ		 			W	MAX. DEPTH =	#	E	
l	PARSAN	2		FLUOR SAN		ļ. 	ChIAM S/N	NS S			TRANS. SAN	N/S		
			CTD CONVERTED MONITOR VALUES	NITOR V	ALUES	ļ		NS.	SAMPLE BOTTLE DATA		SAMPLE	вотте	SAMPLE BOTTLE NUMBER	
	PRESSURE	PRI. TE	TEMP.	SEC. TEMP	MP	SAL	SALINITY		SALINITY	l Ø	SAL. B	2 88	WHIT'S CHL. NUTR.	ا من منا
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WESSEL Alpha	i. Alpha Hefix			9	PROJECT & LEG HX220	& LEG	<u>8</u>	DSDB I.D.			STA	TON DE	STATION DESIGNATION	Sc. 1	
CAST	LATITUDE	TO TO	LONGITUDE	DATE	DATE JO:	TIME	DRY	WET	PRESSURE	SEA STATE VISIBILITY DIRN.	SPO WIND (8mil)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	G MIN	DEG	N	DAY	Q	YR HR MIN	Ш	(C)		\Box			Ξ	\dashv	
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≱ +6 ∃8S		TIMES)QC	JD/TIME		·	_	DATA LOCATION	NOL!			REMARKS	SX	<	**
PRESS SN	# 63503	DATA ON	ļ			Tape/Di	Tape/Diskette ID	ű.	ile Nar	File Name/Header			Leep 1/200	20/	
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SEC TEMP SN	N 1772	АТ ОЕРТН									1	3	Cleaned air bleed valve	leed va	2
PRI COND SN	N 2251	AT SURFACE	, ,,			-						MAX. D	MAX. DEPTH =		E
SEC COND SN	ı	PAR SN			97	FLUOR S/N		CHA	CHIAM S/N			TRA	TRANS. S/N		Į.
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	PRESSURE	URE	PRI, TEMP	MP.	SEC	SEC. TEMP	<i>S</i>	SALINITY	·	SALINITY	≱	SAL.	98	뢍	WHITS NUTR.
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STATION DESIGNATION	E BOTTOM STA. NAMEND		REMARKS	Rho's	Deod	Cleaned air bleed valve	MAX. DEPTH = m	TRANS, S/N	SAMPLE BOTTLE NUMBER	SAL. Bio CHL. NUTR.											
STATIO	SEA STEE	(m/s) (m/s)		File Name/Header			MA		SAMPLE BOTTLE DATA	SALINITY											
DSD81.D.	DRY WET SESSURE BULB	(°C) (°C) (mb)	DATA LOCATION					ChIAM SAN		SALINITY											
PROJECT & LEG HX220	TIME (GMT)	YR HR MIN		Tape/Diskette ID				FLUOR SAN	ONITOR VALUES	SEC. TEMP											
PROJE HX220	IGITUDE DATE JD=	MIN DAY MO	JD/TIME						CTD CONVERTED MONITOR VALUES	PRI. TEMP.							•				
	<u></u> 51	0 N DEG	1_₽	53 DATA ON	START DOWN	AT DEPTH	AT SURFACE	PARSIN		PRESSURE											
VESSEL Aloha Helix	CONSC CAST # LATITUDE	DEG S		PRESS SN # 63503	PRI TEMP SN 1771	SEC TEMP SN 1772	PRI COND SN 2251	۱_			9	2	3 /3	4 (3	5 9	6 9	7 5	25	Λή 6	11 0	2

VESSEL	i. Alpha Hefix	Ř				PROJECT & LEG HX220	EG	DSDB I.D.	31.D.			STATK	SN DES	STATION DESIGNATION	₹(6	
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SBE 9+2	A		TIMES)	JD/TIME			õ	DATA LOCATION	NO.		<u> </u>	REMARKS			
PRESS SN	_ '	# 6 3503	DATA ON	1			Tape/Diskette ID	Ate ID	Ě	File Name/Header	Header	- 6	Buck	ER /-	Pend	_
PRI TEMP SN	AP SN	1771	START DOW	¥					!				F			
SEC TEMP SN		1772	АТ ОЕРТН						 				Clean	Cleaned air bleed valve	ver ver	9
PRI COND SN	NS QA	2251	AT SURFACE	 Y					Į			-2	MAX. DEPTH =	PTH=		E
SEC COND SN	l SS S¥	50.	PAR SN			FLUOR SAN	N.		CHIAM SAN	N/S			TRANS. S/N	S. SAN		1
SS.	TRIP DEPTH				ONVERTE	CTD CONVERTED MONITOR VALUES	VALUES			35	SAMPLE BOTTLE DATA	TE	SAMP	SAMPLE BOTTLE NUMBER	LE NUA	MBER .
		PRESSURE	URE	PRI. TEMP	F. P.	SEC. TEMP	ЕМР	SA	SALINITY		SALINITY		aj S	8	풍	WHIT'S NUTR.
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ģ +6 ∃8S		TIMES	JD/TIME	IME			PA	DATA LOCATION	NO.		<u> </u>	REMARKS	0	,	
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PRI TEMP SN	1771	START DOWN	NA.					,			[K VIV V	. 1	7 7 7
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POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES	ONITOR	ALUES	!		WS.	SAMPLE BOTTLE DATA	<u> </u>	AMPLEB	SAMPLE BOTTLE NUMBER		660
	PRESSURE	URE	PRI. TEMP.	AP.	SEC. TEMP	dW:	SAL	SALINITY		SALINITY	NS.	 Bi	룡	WHIT'S NUTR.	
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STATION DESIGNATION $<\mathcal{L}_{\mathcal{L}}$	ВОТТОМ DEPTH	E	20	,	1 10	2	d air b	¥= 	S.S.N	E BOTT	:8:		7			\top	7			7	1	+	\dashv
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	SEA STATE VISIBILITY	:			File Name/Header					SAMP	3				_			Ti .			l		
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VESSEL	CONSC CAST #		75	SBE 9+2	PRESS SN	PRI TEMP SN	SEC TE	PRI S	SECC	POS.		-	2	3	4	5	9	_	8	o	5	11	12
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STATION DESIGNATION	WIND WIND OF THE BOTTOM STA. DIRN. SPD. CITY DEPTH NAME/ID	٦-	6	REMARKS			Cleaned air bleed valve	MAX. DEPTH= m	TRANS. SW	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SALINITY SAL. BIO CHL. NUTR.												
DSDB I.D.	MESSURE SEASTATE VISIBILITY	(quu) (C _a)		DATA LOCATION	File Name/Header	6			CHAM SN	SAMPLE D/	SALINITY SAL							X					
PROJECT & LEG HX220	TIME DRY (GMT) BULB	¥R −	A 5 6 6 6 4 W		Tape/Diskette ID				FLUOR SAN	CTD CONVERTED MONITOR VALUES	SEC. TEMP												
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VESSEL Apha Hefix	CONSC CAST # LATITUDE		1 NEC - F C S S 1-8	28E 9+ Ø	PRESS SN # €3503 D/	PRI TEMP SN 1771 ST	SEC TEMP SN 1772 AT				PRESSURE	35	2 15	3 10	0	5	9	2	8	0	02	11	12

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STATION DESIGNATION $\rho_{\mathcal{M}}_{\mathcal{E}}$	S WEATHER WEATHER	:		REMARKS			Cleaned air bleed valve	MAX. DEPTH =	TRANS. S/N	SAMPLE BOTTLE NUMBER	ازر	\dashv	\dashv	7	\dashv	\dashv	\dashv	\dashv	\dashv		\dashv	┪	ᅱ
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_ \ <u>_</u> \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\		OEG OEG	56 562	10	爱	G SS	AP SP	SS Q	S	TRIP DEPTH		$\bar{\mathcal{C}}$	8	6	6	C	0	0	0	9			
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VESSEL Apha Hefix	Heğ.			PROJE HX220	PROJECT & LEG HX220	g	DSDB 1.D.) I.D.			STATION DESIGNATION	I DESIG	NATION	10 m	
CONSC CAST #	LATITUDE	Ę.	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE VISIBILITY	WIND DIRN.	SO CLOUD (ami)	WEATHER	воттом DEPTH	SI	STA. NAME/ID
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PRESS SN	# 6 3503	DATA ON			<u> </u>	Tape/Diskette ID	D et	ij	File Name/Header	Header			Silva	7	
PRI TEMP SN	1771	START DOWN	- -				į	ĺ			[
SEC TEMP SN	1772	АТ ОЕРТН										Seaned	Cleaned air bleed valve	valve	
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SEC COND SN	l	PAR S/N		16.1	FLUOR S/N		 1	CHAM SAN	SA			TRANS. S/N	NS		
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUES	NONITOR V	ALUES]	<i>S</i>	SAMPLE BOTTLE DATA		SAMPLE	SAMPLE BOTTLE NUMBER	NUMB	EB.
R	PRESSURE	URE	PRI. TEMP.	6	SEC. TEMP	МР	₩.	SALINITY	<u> </u>	SALINITY	88		<u>2</u>	SE.	WHIT'S NUTR.
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PROJECT & LEG HX220	TIME DRY DATE JD= (GMT) BULB	Y ,	JOHNAG MIN TIS SOCIOLO DE LA SOCIONA DE LA S	Tape/Diskette ID				FLUOR SAN	CTD CONVERTED MONITOR VALUES	EMP. SEC. TEMP SALINITY							·		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9			
iji	LATITUDE	DEG	TIMES	# 63503 DATAON	1771 START DOWN	1772 АТ ОЕРТН	2251 AT SURFACE			PRESSURE PRI. TEMP.]					,		
VESSEL Apha Helix	CONSC CAST # LA	DEG	58E 9+ \$] -	PRI TEMP SN	SEC TEMP SN	PRI COND SN	Ι_			18	2 18	3 [1	11 7	8	8 9	7 7	60	۶ و	7 01	11 0	Ł

WHIT'S NCTR. NAME/ID 68 7 mei <u>स्थि</u> 761 122 TRANS. SN. SAMPLE BOTTLE NUMBER 19/ Ε Cleaned air bleed valve 롱 STATION DESIGNATION $M \in M$ MAX. DEPTH = 욻 REMARKS Ŗ SAMPLE BOTTLE SALINITY DATA File Name/Header DATA LOCATION CHAM SAN WET BULB ည SALINITY 5 truet 7 M Greek PROJECT & LEG V DSDB 1.D. DRY BULB ဦ Tape/Diskette ID HE MIN 765 66 X W M 9 5 M 6 TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP FLUOR SAN DAY MO YR HX220 DATE JO-JD/TIME PRI. TEMP. LONGITUDE Z 5647.94N16040. START DOWN AT SURFACE PAR SAN AT DEPTH DATAON DEG TIMES PRESSURE # 63503 LATITUDE 1771 SEC TEMP SN 1772 DEG MIN PRI COND SN 2251 8 Alpha Helix DEPTH 70 SEC COND SN PRI TEMP SN 50 2 TRIP S 2 PRESS SN 65 Ó SBE 9+\$ CONSC CAST # 59 Š Š 겉 9 = 9