	STA. NAME/ID		F WES		(2) Rev			ε	1	BER	WHIT'S NUTR.										Т		_
₹ .01		_	_		Loachest is when o		Cleaned air bleed valve			SAMPLE BOTTLE NUMBER	동	\vdash			\dagger	\dagger	+	\dagger	+	\dashv	\dashv	\dagger	_
STATION DESIGNATION $\mathcal{L}^{\mathcal{C}}$	воттом рертн	Ξ	14		ches		air blex	분	¥S	E011	8						+	+	\dashv	+	\dashv	+	_
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	PRESSURE	Ē	16	NOL	le Nam				ChIAM SAN	-												I	=
ا ۾	WET	ទ	•	DATA LOCATION	ü.	1	- 1		ChM ChM	 11	}		•				١					İ	
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မွှ	TIME (GMT)	HR MIN	1609		Tape/Diskette ID				z	ALUES	9												
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Ŕ	LATITUDE	Z			63503	1771	172	2551	š									_		W) 0			
el. Alpha Helix		DEG	5/643.		-	NS C	P SN I	l SS C	\ \frac{7}{2}	TRIP DEPTH		27											Ī
VESSEL AI	CONSC		99	⊈ +6 ∃8S	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	NS CINCO SHS	POS.		+,	+-	1 6	4	5	9	7		6	₽	-	
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VESSEL Apha Hefix	łfx			S. C.	PROJECT & LEG HX220	k LEG	DSDB LD.	9	F		STATIC	NOES!	STATION DESIGNATION	<u>₹</u> ,	
CONSC	ATITIDE		ONGITIDE	DATE	DATE .D=	TIME	DRY	WET	PRESSURE SEA STATE		SPD. GIDLO	CLOUD (amt) YPPE WEATHER	ВОТТОМ DEPTH		STA. NAME/ID
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¢ +6 ∃8S		TIMES	Var	JD/TIME			P	DATA LOCATION	NO.		<u> </u>	REMARKS	S		
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1		AT SURFACE	 بىر								2	MAX. DEPTH=	PTH=		ε
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	PRESSURE	Lie Control	PRI. TEMP	<u> </u>	S	SEC. TEMP	S&	SALINITY		SALINITY		SAL	98	통	WHIT'S NUTR.
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DSDB I.D.	WET	<u>ව</u>		DATA LOCATION		ļ	١				SALINITY						ļ						
JSO	DRY	<u>(၃</u>			tte ID				 		\ \sigma_{\sigma}							,					
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PROJECT & LEG HX220		YR	4 9 9		<u> </u>			-	FLUOR SAV	CTD CONVERTED MONITOR VALUES	SEC. TEMP												
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it. Alpha Hefix	LATITUDE	S MIN	39		9.	1771	N 1772	2251	ı		13.		_	_	^				201			_	
XEL Alpha	S #±	DEG	625639	\$+0	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH		2	8	2	2		0	٩	ି				
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CAST & LATITUDE CAST # LATITUDE DEG MIN CAST # LATITUDE DEG MIN SEF 94			HX220	8		\dashv	ñ			ŀ	IMF	1/1/1	9	
DEG NAT	LOW L	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET BULB	PRESSURE SEA STATE	YTIJIBIZIY VISIBIZITY OPRV	MAN (SILLY) CLOUD (SILLY) SO W	HIHIAIM	ВОТТОМ DEPTH		STA. NAME/ID
5637	DEG	NIM	DAY MO	YR	HR MIN	(၁,)	(2)	. (qw)	(deg)	· (s/w)		Ξ		ļ
F 9+2	C 09 / N	4 8 8 W	AM 26 WA	Y 9 9	Flas		•					59		
2	TIMES	JOYTIME	ME			PA	DATA LOCATION	NO.		Œ	REMARKS	s		
PRESS SN # 63503	3 DATA ON	ļ		<u> </u>	Tape/Diskette ID	tte ID	蛋	Name	File Name/Header	- 64				
PRI TEMP SN 1771	START DOWN	¥					[[
SEC TEMP SN 1772	AT DEPTH										Cleame	Cleaned air bleed valve	ed valv	
PRI COND SN 2251	AT SURFACE	<u> </u>								¥	MAX. DEPTH =	TH=		ε
Ι_	PAR SA			FLUOR SAN		 	CHIAM SAN	S S			TRANS. SAN	NS.		
			CTD CONVERTED MONITOR VALUES	ONITOR V	ALUES			ß	SAMPLE BOTTLE DATA	<u> </u>	SAMPL	SAMPLE BOTTLE NUMBER	E NUM	BER
PRE	PRESSURE	PRI. TEMP.		SEC. TEMP	MP	SAL	SALINITY		SALINITY	<i>"</i>	SAL	98.	몽	WHIT'S NUTR.
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VESSEL				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	PROJECT & LEG	EG	DSDB L.D.	G			STATIC	N DES	STATION DESIGNATION	_\ \	
Alpha Helix	Ĕ			£	HX220								/ME	3	
2						¥.	DRY	WET	ESSURE TATE		S (jms) QU(A3HTA	BOTTOM		STA.
CAST # LU	LATITUDE	LONG	IGITUDE	DATE JD=	٥	(GMT)	BULB	BULB	₹ 3	OHN.	SPD.	411	DEPTH	—	NAME/ID
930	MIN	DEG	MIN	DAY	MO YR	HE MIN	<u></u>	<u>ရ</u>	<u>a</u>	8	(a/s)	•	E		Ŧ
58915/19	5.64N	1602	2	DWAGMAY	A Y 9 9	1749	•	•			\dashv		154		
⊈ +6 ∃8S		TUMES	ğ	JD/TIME			Õ	DATA LOCATION	MOL		<u> </u>	REMARKS	\$ (53)	~	
PRESS SN #	€3503	DATAON	j			Tape/Diskette ID	tte ID	Ĩ	File Name/Header	Header	!				
PRI TEMP SN	1771	START DOWN	NA.		 			!							
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	3			ONVERTEC	CTD CONVERTED MONITOR VALUES	VALUES			Ø.	SAMPLE BOTTLE DATA	TE.	SAMPL	SAMPLE BOTTLE NUMBER	ENUM	BER
		9	DOI TEMP	975	CEC TEMP	EMD	7	SA! INITY	1	SALINITY		3	8	통	WHIT'S NUTR.
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STATION DESIGNATION	PRESSURE SEA STATE VISIBILITY VIS	(m/s) (deg) (m/s)	ION REMARKS	File Name/Header		Cleaned air bleed valve	MAX. DEPTH = m	S.N. TRANS. S.N.	SAMPLE BOTTLE DATA	SALINITY SAL. Bio CHL. NUTR.							8º E					
EG DSDB I.D.	TIME DRY WET (GMT) BULB BULB	(°C) (°C) /	DATA LOCATION	Tape/Diskette ID File				SN. CHAM SN.		EMP SALINITY												
PROJECT & LEG HX220	LONGITUDE DATE JD=	MIN DAY			START DOWN	###	3FACE	S.N. FLUOR S.N.	CTD CONVERTED MONITOR VALUES	PRI. TEMP. SEC. TEMP							•					
VESSEL Apha Helix	TUDE	DEG MIN DEG	E	PRESS SN # 63503 DATA ON	PRI TEMP SN 1771 START	SEC TEMP SN 1772 AT DEPTH	PRI COND SN 2251 AT SURFACE	501		PRESSURE	_	2	3	7	9	9	7	80	6	10	11	-

VESSEL Alph	દા Apha Helix			품포	PROJECT & LEG HX220	9	DS0B I.D.	.0. 			STATI	STATION DESIGNATION $\mathcal{F}_{\mathcal{M}}$	GNATIO	2 % (C x	
CONSC	LATITUDE	TONGLI	ятире	DATE JO=	.	TIME (GMT)	DRY BULB	WET	PRESSURE STATE ABS	VISIBILITY OF WIND	WIND SPD.	CLOUD (amt) TYPE WEATHER	요 리		STA. NAME/ID
8	DEG MIN	930	MIN	DAY W	MO YR	HR MIN	(C)	(၁)	QU)	(Gep)	(S)	•	E		
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SBE 9+\$		TIMES	JD/TIME	WE.			2	DATA LOCATION	<u>S</u>			REMARKS	S		
PRESS SN	# 63503	DATA ON			1	Tape/Diskette ID	te 10	Ž	s Name	File Name/Header	<u></u>				
PRI TEMP SN	N 1771	START DOWN					İ					i i			
SEC TEMP SN	1772	AT DEPTH			1							Clear	Cleaned air bleed valve	ed valv	•
PRI COND SN	2251	AT SURFACE										MAX. DEPTH =	TH=	i	E
SEC COND SN	Ş	PAR SAN			FLUOR SAV	×.	 	CHIAM SAN	NS.			TRANS. SAN	S/N		
POS. TRIP DEPTH			CTD CON	VERTED	CTD CONVERTED MONITOR VALUES	VALUES	i		S	SAMPLE BOTTLE DATA	빝	SAMPL	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	JRE	PRI. TEMP.	a.	SEC. TEMP	EMP	NS.	SALINITY		SALINITY		35	25	븅	WHIT'S NUTR.
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	STA. NAME/ID						2	E		MBER	WHITS	_	143	143	7									
ATION C.L		_	<u> </u>				leed va			TLE NU	2	<u>ن</u> 5)	7)					į				
PONTIN	ВОТТОМ	Ξ	6	S S			Cleaned air bleed valve	:PTH=	TRANS. S/N_	SAMPLE BOTTLE NUMBER	ä	3									i			
STATION DESIGNATION \mathcal{PMC}	CLOUD (amt) TYPE MEATHER			REMARKS		 	Sea	MAX. DEPTH =	TRAN	SAME		j.												
STATI	S WING CLOUD (amit) TYPE	(S/m)								тте	,	Ť	Ī											╡
	WIND DIRN.	<u>8</u>			eader					SAMPLE BOTTLE DATA		OVENIAL							A		i			
	PRESSURE SEA STATE VISIBILITY	(qm)		Z	File Name/Header					SAN		<u> </u>	_	_			_							_
		╗		DATA LOCATION	File				Chlam san						-									١
DSDB I.D.	WET	<u>ရ</u>		DATAL		١			Ĭ			OMCIINI E												
	DRY BULB	ဥ	-	_	offe ID						`													
93	TIME (GMT)	HR MIN	2000		Tape/Diskette ID				 	CTD CONVERTED MONITOR VALUES		LIMIL		_										
PROJECT & LEG HX220		ĸ	6 6 /						FLUOR S/N	NITOR		SEC. IEMP												
PROJE HX220	DATE JD=	욯	12 GMAN9			ł			Ë	ED MO	-	╀	_				_							
	DAT	DAY	× 2	JD/TIME					۱,	ONVER		ĮM.							,					
	UDE	MIN	. 53W	3	ı	l	[CTO		THI. IEMP.												
	LONGITUDE		5959		8	START DOWN	Ŧ	AT SURFACE	PAR S/N			\dagger	_	_										
		DEG	100	TIMES	DATA ON	STARI]ат оертн	ATSU	PA]		뵑												
	JOE		N 7 3		63503		٥.	_				THESSORE			,									
Helix	LATITUDE	MIN	ح.		#	1771	1772	•				+								21				
EL Alpha Helix	<u> </u>	DEG	9589	ħ	NS S	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	TRIP DEPTH			S C	0	C									
VESSEL	CONSC CAST#		9	SBE 9+3	PRESS SN	PRI TE	SEC T	PRIC	SECC	Pos	-		-	2	ဗ	4	5	9	7	ھ	თ	10	11	12

VESSEL Alpha	:L Alpha Helix			문 포	PROJECT & LEG HX220	EG	DSDB I.D.	J.D.		i	STA	TION PA	STATION DESIGNATION	§ LQ	
CONSC CAST#	LATITUDE	low 	LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	PRESSURE PRESSURE	VISIBILITY SA	WING SPD	SPOUD (smt)	73H1A3M		STA. NAME/ID
DEG		DEG	MIN	DAY	MO YR	HR MIN	(၃)		$\overline{}$	√.	. (s/w) (•	<u>.</u>	├-	
91569	633.59N	160	ر الالالما الالالما	YAMDEWSO	A Y 9 9	2800	-	•						3 -	
SBE 9+2		TIMES	JD/	JD/TIME			3	DATA LOCATION	8			REMARKS	RKS		
PRESS SN	# 63503	DATA ON				Tape/Diskette ID	ofte ID	File	Name	File Name/Header					
PRI TEMP SN	1771	START DOWN	¥		ı]	- 1		ı	[
SEC TEMP SN	N 1772	АТ ДЕРТН						ا			ı	<u></u>	Cleaned air bleed valve	bleed v	a Se
PRI COND SN	2251	AT SURFACE	¥					[MAX.	MAX. DEPTH =		٤
SEC COND SN	N 501	PAR S/N			FLUOR S/N	N/S	١	CHIAM S/N	S			TR/	TRANS. S/N		
POS. TRIP DEPTH				NVERTED	CTD CONVERTED MONITOR VALUES	VALUES			S	SAMPLE BOTTLE DATA	OTTLE	SAN	SAMPLE BOTTLE NUMBER	TTLEN	JMBER
	PRESSURE	CRE	PRI. TEMP		SEC. TEMP	EMP	85	SALINITY		SALINITY		SAL.	:8	불	WHIT'S NUTR.
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2 10															۶ ۲۱
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	STA. NAME/ID					92	E		MBER	WHIT'S	151	(S)	149	263	47							
M SU		7,5				ed va			TLE NU	뜐	7		7	1	7							
STATION DESIGNATION	BOTTOM DEPTH	(E) 7	7			Cleaned air bleed valve	MAX. DEPTH =	TRANS. S/N_	SAMPLE BOTTLE NUMBER	Bio												
ON DE	CLOUD (amt) TYPE WEATHER		REMARKS		 	3	MAX. DE	TRA	SAMI	SAL.												
STATI	LYPE CLOUD (amt) So M	(m/s)					-		TE													一
	WIND DIRN.	86 		ader					SAMPLE BOTTLE DATA	SALINITY							G		ł			
	SEA STATE VISIBILITY]_	File Name/Header					SAM	0,												
	PRESSURE	(qm)	CATIO	File				CHIAM SAN														
DSDB I.D.	WET	<u>ସ୍</u>	DATA LOCATION		ı	·		5		SALINITY	;											
	DRY BULB	<u></u>	4	tte ID						75												9
5	TIME (GMT)	H C)	Tape/Diskette ID					ALUES	SMP.										-		
ST& LE		چ اخ	;					FLUOR SAN	ITOR \	SEC. TEMP												
PROJECT & LEG HX220	9	DAY MO							Ω Ω						1							
1	DATE JD=	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	7 ₩						NVERTI	EMP.							,					
	×	C	JOYTIME						CTD CONVERTED MONITOR VALUES	PRI. TE												}
	LONGITUDE	NIM 7	1	-	NWO.	Ŧ	ACE		1													
	01	DEG	TIMES	DATA ON	START DOWN	АТ БЕРТН	AT SURFACE	PAR S/N	 1	#												:
	, j	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1						PRESSURE												
yj6	LATITUDE	N Z	5	# 63503	1771	1772	2251	501														
EL Alpha Helix	- 5	DEG MIN	1 1 1 2 1 1 2 1 1 1 1 1 1 1 1 1 1	'	MP SN	MP SN	NS GN	NS ON	TRIP DEPTH		=	30	, ja	B	0							
VESSEL	CONSC CAST#	14	SBE 9+2	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN	POS		-	2	က	4	က	9	7	80	6	10	11	12

VESSEL	EL Alpha Helix			PROJE HX220	PROJECT & LEG HX220	 5	DSDB 1.0.	. j		ST	ATION D	STATION DESIGNATION PMC	MC4		
CONSC CAST #	LATITUDE	TONG	LONGITUDE	DATE JD=		TIME (GMT)	DRY	WET	PRESSURE SEA STATE YTIJIBISIV	WIND WIND	S G CLOUD (amt) TYPE WEATHER	WEATHER WEATH WEATH		STA. NAME/ID	
<u> </u>	DEG MIN	DEG 1	MIN DAY MO	DAY MO	YR 6	E CO	ઈ <u>.</u>	(S)	*	(s/w) (Gep)	. (S	=	- A		
SBE 9+2		TIMES	JD/TIME	<u></u>				DATA LOCATION	<u>8</u>		REMARKS	1			
PRESS SN	SN # 63503	DATAON			<u> </u>	Tape/Diskette ID	te ID	File	File Name/Header	leader					
PRI TEMP SN	IP SN 1771	START DOWN	WN								[1		
SEC TEMP SN	MP SN 1772	AT DEPTH									<u>දී</u>	Cleaned air bleed valve	bleed val	ş	
PRI COND SN	4D SN 2251	AT SURFACE	 بر								MAX	MAX. DEPTH =		ε	
SEC COND SN		PAR SM			FLUOR SAN			CHIAM S/N	 %		E	TRANS. SAN			
POS	TRIP DEPTH			CTD CONVERTED MONITOR VALUES	ONITOR V	ALUES	t		NS.	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TTLE NU	MBER	
	PRESSURE	URE	PRI. TEMP.	J.	SEC. TEMP	MP	SAL	SALINITY		SALINITY	SAL.	Bi	푱	WHIT'S NUTR.	
-	5%											-	7.7	56	クトナン
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	GNATION -644	BOTTOM STA. DEPTH NAME/ID	(m)				Cleaned air bleed valve	TH= B	S.S.N	SAMPLE BOTTLE NUMBER	WHIT'S Bio CHL. NUTR.										+	
	STATION DESIGNATION $\sim 5 LGA^{L}$	S ME CCOUD (ami) TYPE TYPE WEATHER		REMARKS			Clean	MAX. DEPTH =	TRANS. SAN		SAL					<u> </u>						
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