WHITS 297RE525 STA. NAME/ID Ε NET N BAY SAMPLE BOTTLE NUMBER 돐 SPD. CICKETHER BOTTOM RESSURECTION STATION DESIGNATION MAX. DEPTH = EES. REMARKS Cleaned air bleed valve 700005872 SAL. SAMPLE BOTTLE WIND DIRN. SALINITY DATA (deg) File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) **ERESSURE** THANSMISSOMETER WET BULB (၃) SALINITY Tape/Diskette ID ORY BULB 18/10/18/ ¥ E GMT) CID CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 8 Œ HX213 54W151AUG § DATE JD= DAY V FLUOR JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH ₽¥. DATA ON 19311/492 TIMES 8 HESSUR LATITUDE Z 100111100 TRIP DEPTH 9 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC CAST ğ 10 N S œ 6

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WHIT'S NUTH. Suly Ash 12771 100 58720 269 6 AKOL Ε NAME/ID SAMPLE BOTTLE NUMBER 공 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH =  $\Xi$ NGEN. REMARKS Cleaned air bleed valve S WIND (amt) SAL. (FEFFS) SAMPLE BOTTLE SALINITY WIND DIPN. DATA (deg) File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) HESSAULE TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY 7 Tape/Diskette ID DRY BULB <u>လ</u> 0025950.68N14927.95W15AUG98202472 H MIN GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM Œ HX213 ₽ DATE JD= DA≺ MEUOR JOTTIME PRI, TEMP LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH ₽¥ DATA ON TIMES 8 PPESSURE LATITUDE Z 8 Alpha Helix TYPE & SN <u>6</u>5 PRESS SN COND SN TEMP SN TEMP SN **VESSEL** CONSC CAST Š Q ന ß 9 Ф 6

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WHITS 285007 Ε RE SE STA. NAME/ID SAMPLE BOTTLE NUMBER 抸 BOTTOM DEPTH STATION DESIGNATION  $\Xi$ MAX. DEPTH = REP. Cleaned air bleed valve REMARKS WIND CLOUD (amt) TYPE TYPE 7141 SAL (m/s) SAMPLE BOTTLE SALINITY WIND DIPN. 230 (deg) DATA File Name/Header 230 55 SEA STATE VISIBILITY 0 80 DATA LOCATION (mp) **BESSONE** Waves TRANSMISSOMETER WET BULB ပ္ပ SALINITY 0013/413 Tape/Diskette ID ORY BULB ပ် <u>₹</u> GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 8 Œ 20 M20AUG HX213 8 DATE JD= DA√ X FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN 000 St510151.1851N1/68151 AT SURFACE AT DEPTH ₽¥ DATA ON 8 TIMES PPESSURE LATITUDE OEPTH DE 9 28 20 0 Alpha Helix 0 **IYPE & SN** Ę PRESS SN COND SN TEMP SN TEMP SN SONSC VESSEL CAST ပ္ထ 10 12  $\alpha$ ന S 9 0

WHIT'S NUTR. 12/8/2012 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 불 WIND COUD (& MILE)

OUT ON DEPTH

(m) <u>и</u> STATION DESIGNATION MAX. DEPTH = Ë REMARKS Cleaned air bleed valve SAL. 73018-SAMPLE BOTTLE SALINITY WIND DATA (deg) File Name/Header VISIBILITY 730 SEA STATE 0 80 DATA LOCATION (mb) **BUCKSOLUE** Waves THANSMISSOMETER WET ပ္စ SALINITY Tape/Diskette ID PHG BUEB <del>ပ</del>္စ 0057 H M M GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 163 53.21 W2 CAUG98 ¥ HX213 8 DATE JD= DAY X FLUOR JD/TIME PHI. TEMP. LONGITUDE ⋚ START DOWN AT SURFACE AT DEPTH DATA ON ₩ 5 TIMES HESSUR MRX 4001948 LONS 35508.311 z LATITUDE 00455001.3 Σ 9 32 70 0 Alpha Helix TYPE & SN O Ê PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL ğ 12 10 11 Q က S 9 Ø œ

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	LATITUDE	Pione	TONGLINDE	DATE JD=	TIME (GMT)	DRY WET 530 BULB BULB	SEA STATE VISIBILITY DIANA DIANA SON WARREN	W WIND (amt)	ABHTABW	BOTTOM DEPTH N	STA. NAME/ID
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WHIT'S NUTR. 45000 E STA. NAME/ID SAMPLE BOTTLE NUMBER 불 BOTTOM DEPTH 8000 STATION DESIGNATION  $\mathcal{S}_{\mathcal{R}'} \rightarrow \mathcal{S}$ MAX. DEPTH =  $\Xi$ <u>E</u> WIND CLOUD (amt)
TYPE
TYPE REMARKS Cleaned air bleed valve 085620017872 SAL. (m/s) SAMPLE BOTTLE SALINITY WIND URN DATA (deg) File Name/Header SEA STATE 2000 Ċ DATA LOCATION (mp) BUCCOLUE TRANSMISSOMETER Waves WET ပ္ SALINITY 3164 6 ORY BULB Tape/Diskette 1D ပ္ 16357135 W20AUG980202011 TIME ≥ (GMT) NE E CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM ¥ HX213 ᢓ DATE JD= DA≺ X R.UOR JD/TIME PRI. TEMP. LONGITUDE Z ∑ START DOWN AT SURFACE DATA ON AT DEPTH 腇 TIMES 8 PHESSURE z 0 0 6 5 5 1 3 1 10 LATITUDE S 8 20 30 87 Ó Alpha Helix TYPE & SN 0 5 PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC CAST Š 10 12 <del>-</del> က S œ ō, 9

WHITTS 58508 E NETEN. STA. NAME/ID SAMPLE BOTTLE NUMBER 둥 \*D WIND CLOUD (AML) STATION DESIGNATION SBCOS MAX. DEPTH = NGTA. REMARKS Cleaned air bleed valve 677 SAL. SAMPLE BOTTLE SALINITY WIND DIRN. DATA DATA LOCATION 220° (deg) File Name/Header 220° SEA STATE VISIBILITY (mp) BHCSSAHE Nave TRANSMISSOMETER WET SALINITY 7 Tape/Diskette ID 7:1 DRY BULB 00 71551151.6811163 163 59.22 W20 AUG9 8 0257 PAR sensor on for find time ¥ E (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM ¥ HX213 § DATE JD= DAY X FLUOR JD/TIME PRI TEMP. LONGITUDE START DOWN AT SURFACE X PAR AT DEPTH DATA ON TIMES 9 PESSUE 1-30 LATITUDE Z TRIP 9 420 20 Alpha Helix TYPE & SN 65 PRESS SN COND SN TEMP SN **TEMP SN** CONSC VESSEL. CAST POS. 10 7 Ŋ œ 0

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WHITS STA. NAME/ID Ε NCTH. SAMPLE BOTTLE NUMBER P 占 SPO. CLOUD (&MK) CO 84 STATION DESIGNATION MAX. DEPTH = <u>E</u> D D REMARKS Cleaned air bleed valve SAL. 085621017 SAMPLE BOTTLE SALINITY WIND DATA (ded) OIAN. File Name/Header 1.5m SEA STATE VISIBILITY Dave HT DATA LOCATION (mp) **BRESSURE** THANSMISSOMETER WET BULB ပ္ SALINITY ď Tape/Diskette ID OHY BUB ပ္စ NE H 6334 (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 1.37 W20 AUG98 Ŧ HX213 8 DATE JD= DAY FLUOR JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SUPFACE 10701N1018 X PAR AT DEPTH DATA ON TIMES 9 HESSUR LATITUDE 00855 OEPH HT4BO 8 72 6 2 9 Alpha Helix Ø TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL S. 12 10 D. -က φ æ 6

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WHITTS 871SBC07 Ε NETS. NAME/ID SAMPLE BOTTLE NUMBER 당 WIND OUR WIND OUT OF PER BOTTOM STATION DESIGNATION EFF. MAX. DEPTH = REMARKS Cleaned air bleed valve 872 SAL. (Tarts) 0/17 SAMPLE BOTTLE SALINITY WIND DIPN. DATA (deg) File Name/Header 085621 SEA STATE VISIBILITY (mb) DATA LOCATION THANSMISSOMETER W2.04 とろろ WET ပ္ SALINITY <u>\$</u> Tape/Diskette ID PHC BULB ပ္ NE E TIME (GMT) CTD CONVERTED MONITOR VALUES 000955201.46N166031.45TW20AUG9804 SEC. TEMP PROJECT & LEG HX213 CHIAM ¥ ₽ DATE JD= DAY X FLUOR JD/TIME PRI. TEMP. LONGITUDE Z S START DOWN AT SURFACE AT DEPTH X DATA ON TIMES 9 PESSUE LATITUDE Z 8 20 20 20 % Alpha Helix TYPE & SN 65 9 PRESS SN 0 COND SN TEMP SN TEMP SN VESSEL SONSC CAST Š 12 10 Ξ Ŋ c 2 6 9 Φ

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WHIT'S NUTR. 945BC08 STA. NAME/ID Ε SAMPLE BOTTLE NUMBER Я 몽 BCOS KFS (4 EFF)
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SPD. C PEPTH STATION DESIGNATION MAX. DEPTH = (E) SEE. P D REMARKS Cleaned air bleed valve since last the 872 SAL. To the 9 19 1180 SAMPLE BOTTLE SALINITY MIND DATA File Name/Header 200 SEA STATE VISIBILITY DATA LOCATION <u>م</u> (mb) Dane KT **EBESSONNE** TRANSMISSOMETER WET BULB SALINITY <u>ဂ</u> ダ Tape/Diskette 1D DRY BULB <u>ဂ</u> ō 0/05/512 1.07 N/6 405. 49 W20 A UG 9 8 0 452/ ₹ GMT) CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG CHAM 旡 HX213 § DATE JD= DAY N FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH X PAR DATA ON TIMES 9 PRESSURE LATITUDE ₹ DEG 2 5 40 Alpha Helix 20 9 0 TYPE & SN 30 9 PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST S S 10 Ξ 0 O 9

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9658609 WHIT'S NUTR. Ε STA. NAME/ID SAMPLE BOTTLE NUMBER Р WIND COPE BOTTOM
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(m) 占 STATION DESIGNATION SBCOPE E MAX. DEPTH = PG REMARKS Cleaned air bleed vaive SAL 2201 B SAMPLE BOTTLE DATA SALINITY WIND ~ 32.2 (deg) ware It som File Name/Header VISIBILITY SEA STATE 000 DATA LOCATION (mp) **PRESSURE** TRANSMISSOMETER WET BULB <u>(၃</u> SALINITY Tape/Diskette 1D PHZ BULB ပ္ပ 011(55225.39 N 164 07. 96 W24 0A U G 9 8 0 5 3 5/ S:35 TIME (GMT) ¥ E CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 뜻 HX213 § DATE JD= DA√ X FLUOR JUTIME PFI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON 9 TIMES PRESSURE LATITUDE Z 960 9 5540 40 20 Alpha Helix 20 TYPE & SN 0 g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST SS. 0 12 <del>-</del> 4 2 ဖ œ 0

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WHIT'S NUTR. STA. NAME/ID Ε SAMPLE BOTTLE NUMBER 占 7 BOTTOM STATION DESIGNATION Ξ MAX. DEPTH = NEED. Cleaned air bleed valve REMARKS WEATHER
WEATHER 872 SAL. (m/s) SAMPLE BOTTLE SALINITY MIND DATA (ded) File Name/Header ware H 20m SEA STATE VISIBILITY DATA LOCATION (mp) **HPESSURE** TRANSMISSOMETER WET BULB ပ္ SALINITY DRY BUB Tape/Diskette ID <u>ဂ</u> a (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 49 W 20 A U G 9 8 Œ HX213 8 DATE JD= DAY PLUOR JD/TIME PRI. TEMP. LONGITUDE **Z** START DOWN SN16409 AT SURFACE AT DEPTH 뚪, X DATA ON TIMES 9 HESSUR LATITUDE Z 125527 OFFTH HITADO <u>8</u> 60 670 *N* 20 Alpha Helix 0 TYPE & SN C E PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST PQS. 12 10 ന 9 œ 6

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THP         CTD CONVERTED MONITOR VALUES         SALINITY         SALINITY         SALINITY         SALINITY         CHL           92.6         42.2 <td>TEMP SN</td> <td></td> <td>/ PAR</td> <td>JRU0</td> <td></td> <td>ChlAM</td> <td>THAN</td> <td>SMISSOMETE</td> <td>    EE  </td> <td>Cleane</td> <td>d air bi</td> <td>eed val</td> <td>ve</td> <td>9</td> <td></td>	TEMP SN		/ PAR	JRU0		ChlAM	THAN	SMISSOMETE	   EE	Cleane	d air bi	eed val	ve	9	
92.6, 55.4 SEC.TEMP SEC.TEMP SALINITY SAL. NUTR. CHL. 55.6 SALINITY SALI			   	CTD CONV	ERITED MON	TOR VALUE	S.			SAMPLE BI DATA	OTTLE	SAM	PLE BOT	ILE NUM	BER
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WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER OF 占 **BOTTOM** DEPTH STATION DESIGNATION SET SET MAX. DEPTH = WIND CLOUD (&mt) TYPE WEATHER REMARKS Cleaned air bleed valve SAL. (m/s) 0 7 0 7 0 7 0 SAMPLE BOTTLE SALINITY WIND DIRIN. (ded) DATA File Name/Header SEA STATE VISIBILITY Wares 220 095 DATA LOCATION (mb) THANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID ORY BULB ပ္ Q Z GMT) CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG ChIAM ¥ B 6 A U G HX213 8 DATE JD= DAY / FLUOR JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SUPFACE MPAR AT DEPTH DATA ON TIMES 8 PRESSURE LATITUDE 3,0 DEG 130 Alpha Helix 4 TYPE & SN ß PRESS SN NS QNOO TEMP SN TEMP SN VESSEL SONSC CAST S. 10 12 <del>-</del> က 9 œ 6

WHIT'S NUTR. 5846 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = <u>K</u> REMARKS Cleaned air bleed valve WIND CLOUD (&mt) TYPE WEATHER SAL. (m/s) 270/18 SAMPLE BOTTLE DATA SALINITY QNIM (deg) DITIN N File Name/Header Wase 220 SEA STATE VISIBILITY DATA LOCATION (mb) **JUNSSZUU** TRANSMISSOMETER WET (၃ (၃) SALINITY Tape/Diskette ID DAY BULB <u>(၃</u> 9 NE H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 0 9 W 20 A 10 G 9 8 뜻 HX213 8 DATE JD= DAY RUOR JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE AT DEPTH PAR DATA ON 9 TIMES PRESSURE LATITUDE Z ×320 TRIP DEPTH 9 393 Alpha Helix TYPE & SN B PRESS SN COND SN TEMP SN TEMP SN **VESSEL** CAST SS 10 7 <del>-</del> S φ 6 œ

WHIT'S NCTR. SRAN Ε NAME/ID SAMPLE BOTTLE NUMBER 문 0065 BOTTOM DEPTH STATION DESIGNATION E N REP. MAX. DEPTH = REMARKS Cleaned air bleed valve SPOUD (&mt)
CLOUD (&mt)
TPPE SAL. (m/s) y SAMPLE BOTTLE WIND DIPIN. SALINITY DATA (deg) File Name/Header VISIBILITY Waves 2200 SEA STATE DATA LOCATION (gm) TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID DAY BULB ပ္ TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM WAO AUG98 天 HX213 S DATE JD= DAY W FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH V PAR DATA ON 3 9 TIMES HESSIE LATITUDE ZEV 8/ OEPTH DEPTH 3 3 Alpha Helix TYPE & SN 6 PRESS SN NS GNOO TEMP SN TEMP SN WESSEL SONSC CAST PQ. 0 <del>-</del> 12 S 8 0

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VESSEL				PROJ	PROJECT & LEG	(B	1 A	Waves	230	STATIC	STATION DESIGNATION	NATION		4.
Alpha Helix				HX213	3				1.5m		-			
OSNOO								APE .	TATE VTI	`	(tms) Oi			4
. 15	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY	WET BUILB	SEA S VISIBI VIND	WIND SPD.	CLOU TYPE TABW	ВОТТОМ DEPTH		STA. NAME/ID
DEG	MIN	DEG / N	Ç#	DAY MO	¥	H MIN	(00)	(°C) (mb)	b), , (deg)	(m/s)	*	(m)		
15596	5.86 N	94891	M 25!	20 A U	869	3 5	9.7	i i	05 240	070	1	57	_ ·	55AK
CTD		TIMES	JD/TIME	M			70	DATA LOCATION	NOL		REMARKS	S		٠.
TYPE & SN		DATA ON			Ë	Tape/Diskette ID	ette ID	File N	File Name/Header		п		,	
PRESS SN	39	START DOWN	7		22			1				-		
TEMP SN		AT DEPTH	37			. 8				,				
COND SN	#	AT SURFACE									MAX. DEPTH =	≘PTH =		æ
TEMP SN		HAY!	KHUOR	8	CHIAM		TRANSMISSOMETER	OMETER	Clean	Cleaned air bleed valve	eed valv	e e		,
POS. TRIP DEPTH			CTD CON	CTD CONVERTED MONITOR VALUES	ONITOR V,	ALUES		1	SAMPLE BOTTLE DATA	OTTLE 4	SAMF	SAMPLE BOTTLE NUMBER	LE NOM	BER
	PRESSURE	<b>H</b>	PRI. TEMP.		SEC. TEMP	ď₩	l <b>y</b> s	SALINITY	SALINITY	Ł	SAL.	NUTR.	픙	WHITS
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			57											

45513141014 WHIT'S NUTR. Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 울 BOTTOM (E) DEPTH STATION DESIGNATION MAX. DEPTH = NEST. Cleaned air bleed valve REMARKS OLOUD (amt) PAYT WEATHER SAL. Ţ (s/m) WIND SPD. 24070 SAMPLE BOTTLE DATA SALINITY MIND (deg) OHAN. File Name/Header 240 VISIBILITY SEA STATE DATA LOCATION (mp) **BUCCOLUE** TRANSMISSOMETER coroca WET ပ္ပ SALINITY Tape/Diskette ID ပ္ 6 H H TIME (GMT) CTD CONVERTED MONITOR VALUES t SEC, TEMP PROJECT & LEG CHIAM 8 Œ 6 Ō HX213 S DATE JD= . 69 W 20 A U DAY Z FLOGR JD/TIME PRI TEMP. LONGITUDE <u>Z</u> 43 START DOWN AT SURFACE AT DEPTH PAR / DATA ON 200 TIMES 8 PESSIE z LATITUDE Z TEPTH DEPTH 9 70 Alpha Helix 0 TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST 021 POS. 12 10 <del>-</del> က 2 S 4 9 œ 6

WHIT'S NGTR. STA. NAME/ID Ε 465BBO SAMPLE BOTTLE NUMBER SPD. CCOUD (8mil) 占 STATION DESIGNATION MAX. DEPTH = <u>K</u> Cleaned air bleed valve REMARKS SAL. 14024 SAMPLE BOTTLE WIND DIRN. SALINITY (deg) DATA File Name/Header VISIBILITY Wave 240 **SEA STATE** DATA LOCATION (mp) TRANSMISSOMETER WET BULB ္မွ SALINITY Tape/Diskette ID DAY BULB ပ္ 3 ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 8 ¥ 69 HX213 8 DATE JD= -02 W20 A U DAY / RUOR JOTIME PRI. TEMP. LONGITUDE <u>Z</u> START DOWN AT SURFACE 07285081.572 N/1 634 AT DEPTH / PAR DATA ON 8 TIMES HESSUE LATITUDE Z Z 4 202 Alpha Helix TYPE & SN 0 g PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC CAST SS. 10 12 <del>-</del> N က S 9 8 O

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VESSEL Alpha Helix		17		PROJE(	PROJECT & LEG 4X213		Waves	240°1.5m	STATION DESIGNATION	ESIGNATIO	<u>.</u>	
							38	ATE T	(tms)	<b>H</b>	,	
CAST		·			TIME	28	Esan wet			HTAE		STA.
	LATITUDE	TONG		L	<u></u>	7	BULB	NE DIEN.	SPD. CI	M.	-	NAME/ID
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TYPE & SN		DATA ON			Tape/	Tape/Diskette ID		File Name/Header				
PRESS SN		START DOWN	W									
TEMP SN		AT DEPTH			<u>,</u>	86						
NS GNOO		AT SURFACE							MAX	MAX. DEPTH	11	٤
TEMP SN	-	TAY TAY	X		ChlAM	THAN	TRANSMISSOMETER	Cleaned	Cleaned air bieed valve	valve	-	
POS. TRIP DEPTH			CTD CONVE	RITED MON	CTD CONVERTED MONITOR VALUES	) S		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	THENCE	MBER
234	PRESSURE	#	PRI, TEMP.	te	SEC, TEMP		SALINITY	SALINITY	SAL	NUTR	용	WHIT'S NUTR.
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WHIT'S NUTR. 3858502 Ε SAMPLE BOTTLE NUMBER STA. NAME/ID 돌 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = <u>S</u> REMARKS Cleaned air bleed valve WW. CLOUD (amt) SPYT WEATHER SAL. (m/s) 5 SAMPLE BOTTLE WIND DIRN. SALINITY DATA (deg) File Name/Header VISIBILITY 2400 SEA STATE DATA LOCATION (mb) **ERESSURE** TRANSMISSOMETER WET BULB Este <u>(၃</u> SALINITY Tape/Diskette ID PUE BUE <u>(</u> 6 H M TIME (GMT) CID CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM Œ HX213 § DATE JD= DAY N RUOR JOTIME PRI. TEMP. LONGITUDE 2245505.45N16403.8 START DOWN AT SUPFACE |V | PAR AT DEPTH DATA ON TIMES 9 HESSUR LATITUDE **Z** TEIP DEPTH <u>B</u> Alpha Helix 35 2 TYPE & SN g PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL S. 12 10 N n Ŋ 9 0 O

0 P

WHIT'S NUTR. 514518121014 E NAME/ID SAMPLE BOTTLE NUMBER STA. MIND OUD (REFIT 占 STATION DESIGNATION NETA. MAX. DEPTH = REMARKS Cleaned air bleed valve 878 SAL. SAMPLE BOTTLE WIND DIFIN. SALINITY DATA (ded) File Name/Header 1.50 2800 VISIBILITY SEA STATE DATA LOCATION (mb) TRANSMISSOMETER Zare WET BULB (S) SALINITY Tape/Diskette ID DAY BULB 6 (S) 01.37 N/ 6907186 W20 AUG987802 ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 吳 HX213 8 DATE JD= DAY FLUOR **JD/TIME** PRI. TEMP. LONGITUDE START DOWN AT SUPFACE АТ ВЕРТН AP PAR DATA ON TIMES 8 FESSE LATITUDE 02 5 5 5 THIP DEPTH 9 70 00 30 15 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST SS. 12 S 9 Φ O

1080 B WHIT'S NUTR. STA. NAME/ID Ε SAMPLE BOTTLE NUMBER 占 SPD. CLOUD (AMIL) STATION DESIGNATION MAX. DEPTH = NETA. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE SALINITY WIND DIFIN DATA (deg) File Name/Header 424 SEA STATE VISIBILITY (mb) DATA LOCATION yours **HATESSAUPE** THANSMISSOMETER WET BULB ڻ و SALINITY <u>.</u> Tape/Diskette ID DRY BULB <u>လ</u> ¥ E TIME (GMT) 183 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 8 ¥ 87 WZGAUGO HX213 8 DATE JD= DAY X FLOOR JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH |X | |Y DATA ON TIMES 9 HESSLE N LATITUDE ₹ 5 8 Alpha Helix TYPE & SN 17 g PRESS SN SOND SN TEMP SN TEMP SN U CONSC VESSEL. CAST POS. 10 12 ហ 9 œ 0

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INTERIOR	VESSEI					PROJECT & LEG	EG		11124	270	, <del> </del>	PG STATION DESIGNATION	DESIGN	PG NATION	띩	
The control of the	SSEL oha Helix					IX213	5		Wark	1,50	3	5	5	32,0	25	
CES   MN	ONSC			,	. 9		Ę	<u>}</u>		HATS A		VIEWS) CHIC	ЯЗНТА	BOTTON		
CEC   MRN   CEG   MRN   DAY   MO   YR   H   MRN   CC)   CC)   CC)   C(mb)   .   (deg)   (mb)   .   (deg)		TITUDE	FONG	MUDE	DATE	•	<u></u>			∕∃S	DIPN.		<u>a</u> ME	DEPTH		WE/ID
The St. P. H. C. T. C. C. T. C. C. C. T. C.		NIN C	DEG /	-	DAY C	Q :	Ŧ .			(qu )	_		. 44		20	
Tape/Diskette ID   File Name/Header	e B	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	MES		TIME T	5	1		ATA LOCA	NOLL				)		<u> </u>
SSN   STAFT DOWN   AT DEPTH	PE & SN	Δ_	ATA ON				Tape/Dis	kette ID	File	Name/	leader				,	.՝
SSN   AT DEPTH   AT SUPFACE   SNAW   TRAVSMISSOMETER   Cleaned air bleed valve   SNAW   CHANA   SNAW   CHANA   SNAW   CHANA	RESS SN	ST	IART DOV	   <b>¥</b>		 										
D SN  AT SUPFACE  SN  THIP  THIP  THIP  THIP  THIP  THIP  THIP  THESS.NE  PRI. TEMP.  SEC. TEMP  3ALINITY  SALINITY  SALINITY	EMP SN	AT	ГОЕРТН									1				
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I a sace		HESSUR		PRI, T	EMP.	SEC	TEMP	35	ATINITY		SALINITY			KUTR.		WHIT'S NUTR.
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WHIT'S NOTR. 72518161C Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 占 WIND OUR PER SPD. CZ PREATON SPD. AND DEPTH 1.5 m STATION DESIGNATION (E) MAX. DEPTH = NGTA. REMARKS Cleaned air bleed valve SAL. 120110120 (m/s) SAMPLE BOTTLE SALINITY WIND DIPN. (deg) DATA File Name/Header 270 YIISISIV SEA STATE DATA LOCATION (mp) 3 ware TRANSMISSOMETER WET BULB **်** SALINITY Tape/Diskette ID ORY BULB <u>ဂ</u> 0 10 H MIN TIME (GMT) 202 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 8 Œ SW 26A UG9 HX213 Š DATE JD= DA√ X FLUOR JD/TIME PFI. TEMP. LONGITUDE Z ₹ START DOWN AT SURFACE AT DEPTH DATA ON ¥ ₹ N.764 TIMES 9 PHESSURE LATITUDE n ₹ 0 W TAIP DEPTH 8 Alpha Helix TYPE & SN ĴĎ. 65 PRESS SN 6 COND SN TEMP SN TEMP SN VESSEL CAST SS. 12 10 Ξ c 9 æ 6

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LATITUDE LONGITUDE DATE  MIN DEG MIN DAY  (   5  , 2  3 N /   C 4/   /   C 2	HX213		yours	157	STATION DESIGNATION	GNATION	<u> </u>	
DEG MIN / C / / / /	Date JD=	TIME (GMT)	DRY WET SEULB RULB RE	SEA STATE VISIBILITY VISIBILITY DIPAN. WIND SPD.	CLOUD (ami	BOTTOM DEPTH		STA. NAME/ID
	DAY NO YR	HA O	(°C) (°C) (mb)	. (deg) (m/s)	. 7	(E)	258	0
-			DATA LOCATION	NO	REMARKS	(S		. <u>-</u>
-	(1)	Tape/Diskette ID		File Name/Header	1.T			
		E						
	93	<u> </u>	0		MAX. DEPTH	EPTH =		Ε
	LIOR CHIAM		TRANSMISSOMETER	Cleaned air bleed valve	bleed val	ve v		
15	CTD CONVERTED MONITOR VALUES	VALUES	(a	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	ILE NUM	3EA
PPESSURE PPILITEMP	MP. SEC. TEMP	TEMP	SALINITY	SALINITY	SAL.	NUTR.	다. H	WHIT'S NUTH.
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WHIT'S NUTH. SOROS Ε NAME/ID SAMPLE BOTTLE NUMBER STA. Ю 方 SPO. CLOUD (AMIL) 0 STATION DESIGNATION MAX. DEPTH = REP. PG シング REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE SALINITY WIND DIPN. (deg) DATA File Name/Header 1.5m YTUBISIV SEA STATE DATA LOCATION (gm) 3HNSS3HH 0 270 TRANSMISSOMETER WET <u>(၃</u> SALINITY  $\infty$ Tape/Diskette ID PRY BULB () () 9 NE E 2328 TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 8 Œ W20AUG HX213 Ş DATE JD= DA√ / FLUOR JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE AT DEPTH DATA ON PA PA TIMES 8 HESSH |N|かて: LATITUDE ₹ 780 SZ20 3 9 0 20 07 O Alpha Helix TYPE & SN 0 Ę PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST POS. 12 0 <del>-</del> ဖ Q 8

WHIT'S NUTR. 0138810 STA. NAME/ID Ε SAMPLE BOTTLE NUMBER WIND OUR BOTTOM

TO WEATHER

T 占 STATION DESIGNATION MAX. DEPTH = NET SE / 5 | REMARKS Cleaned air bleed valve SAL. 4 SAMPLE BOTTLE SALINITY WIND DIPIN 270 DATA (deg) File Name/Header VISIBILITY 279 SEA STATE рата сосатюй (mp) Waves TRANSMISSOMETER WET BULB <u>(၃</u> SALINITY Tape/Diskette ID ORY BULB ပ္ 0022 ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 8 旡 OWZIAUG9 HX213 Ş DATE JD= DA√ V KEUOR JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN 6N16419 AT SURFACE AT DEPTH X VAR DATA ON 8 TIMES PHESSURE LATITUDE 5525.0 Z TEPTH DEFITH 8 90 Alpha Helix TYPE & SN 6 PRESS SN COND SN TEMP SN **TEMP SN VESSEL** CONSC CAST 3 Š 12 0 = S 2 က 9 œ 6

WHIT'S NUTR. 10051818116 Ε 1912001 NAME/ID SAMPLE BOTTLE NUMBER STA. 동 SPD. CLOUD (AMIN) 0 STATION DESIGNATION MAX. DEPTH = NGTA. San REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE DATA WIND DIPIN. SALINITY 1746270 (ded) File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) **3HUSS3AH** THANSMISSOMETER WET BULB ပ္ပ SALINITY 93 Tape/Diskette ID DRY BULB (၃) //w/J-//A|U|G|9|8|0|5|5| H MM TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM Œ HX213 8 DATE JD= DAY 2/RUOR **JD/TIME** PRI. TEMP. LONGITUDE 4525127N1/C4/18.5 START DOWN AT SUPFACE MPAR RAGIN AT DEPTH DATA ON 9 TIMES PHESSURE LATITUDE Z TRIP OEPTH 928 9 40 Alpha Helix 30 97 TYPE & SN 3 0 E E PRESS SN COND SN TEMP SN TEMP SN VESSEL SONSC CAST S. 0 7 Ξ က S œ 9 6

WHIT'S NUTH. 2758601 Ε NAME/ID SAMPLE BOTTLE NUMBER 占 SPD. CLOUD (& milt) STATION DESIGNATION MAX. DEPTH = EES. REMARKS Cleaned air bleed valve SAL. 85/0/2/2/9/ SAMPLE BOTTLE SALINITY WIND OFFIN DATA (deg) File Name/Header Wares 250 m VISIBILITY DATA LOCATION SEA STATE (mp) TRANSMISSOMETER WET BULB (၁ (၁ SALINITY Tape/Diskette ID DRY BULB ပ္ ¥ E TIME (GMT) CIT CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 15/ W7 | AUG918 吳 HX213 Ş DATE JD= DAY /RUOR JD/TIME PRI TEMP. LONGITUDE Z START DOWN AT SUBFACE DATA ON AT DEPTH V PAR 9 TIMES PHESSIFF z LATITUDE 03815150517 Z S 15,5 TIRIP DEPTH 90 9 20 10:01 28 9 0 Alpha Helix TYPE & SN 6 æ PRESS SN COND SN TEMP SN TEMP SN SONSC VESSEL CAST POS. 12 10 S N œ

WHIT'S NUTR. SBC01 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 끍 0 BOTTOM DEPTH 7 STATION DESIGNATION NET S MAX. DEPTH =  $\Xi$ 12 REMARKS Cleaned air bleed valve SP WIND (amt)
CLOUD (amt)
TYPE
TYPE 25012872 SAL. (m/s) SAMPLE BOTTLE SALINITY WIND DIRN. DATA (deg) File Name/Header 3 SEA STATE VISIBILITY 19.61846 DATA LOCATION 2500 (mb) Waves THANSMISSOMETER WET BULB (၃) SALINITY Tape/Diskette ID DRY BULB <u>(၃</u> つ 品 6 H MIN (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG HX213 CHAM 53/42 1/4/0/69/8 Œ Ş DATE JD= DAY K FLVOH JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE 16 N / C 2 5 AT DEPTH DATA ON ¥ X TIMES 图 HESSITE 5 9 LATITUDE Ď Z 034 5505 2(2 170,4 70,9 Ñ OHEPIH HIPHOLI 9 Alpha Helix TYPE & SN g PRESS SN COND SN 0 TEMP SN TEMP SN CAST VESSEL S. 12 0 œ 6 Ξ

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WHIT'S NUTR. 85 87 7 2 8 7 7 7 8 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER P 占 SPD: OCCOUD (SML) STATION DESIGNATION MAX. DEPTH = NOTE: REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE SALINITY MIND 97 1917 0 (deg) DATA DITIN. File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) TRANSMISSOMETER WET ပ္ SALINITY Tape/Diskette 1D OHY BULB 3556 32 67 N/ 64 13 54 W 22 A U G 9 8 20 54 1 NE E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 吳 HX213 ᢓ DATE JD= DAY F FLUOR JD/TIME PRI, TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTIH FAAT 2 DATA ON TIMES 8 di4 42.0 PHESSURE \*\*\*\*\*\* 9.9 5.0 2.7 2.9 2.9 LATITUDE 7. 401 OEPTH DEPTH 9 \$ Alpha Helix S TYPE & SN 20 <u>G</u> PRESS SN 9 COND SN TEMP SN TEMP SN CAST  $\mathcal{B}$ 0 VESSEL 0 0 Š 12 6 c Φ

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4 20 40 6 10 15 7 5 9.6 8 0 5 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
10 0 7.3 11 0 2.0 12 2.4

WHIT'S NUTR. 975BC13 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. P £ F WIND OUR HER SPD. CC PEET BOTTOM STATION DESIGNATION MAX. DEPTH = Έ ZES. REMARKS Cleaned air bleed valve 4 SAL. 1087 (m/s) SAMPLE BOTTLE SALINITY WIND DATA (deg) OINN. File Name/Header VISIBILITY 0936 SEA STATE DATA LOCATION (mb) TRANSMISSOMETER WET BULB SALINITY <u>ဂ</u> Tape/Diskette ID OHY BUB <u>(၃</u> 0 0571515151818166 N 1641 8 . 54 W 2 2 A U G 9 8 21 58 NE H GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM Ţ HX213 § DATE JD= DAY Z FLUOR JOYTIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON TIMES 8 HESSUE 15.4 21.3 15.5 21.1 5.4 2.5 32 Latitude 70 5.6 2.1 Z TRIP DEPTH 8 Alpha Helix TYPE & SN Ę PRESS SN 0 S QNO TEMP SN 0 TEMP SN 3 VESSEL CAST S 12 \_ œ 6

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VESSEL Alpha Helix				<u> 본 후</u>	PROJECT & LEG HX213	EG	M	Waves 210	2.5	2.5m	STATIO	STATION DESIGNATION	NATION	20	
	LATITUDE	FONG	LONGITUDE	23 DATE J	=Q:	06 52 TIME (GMT)	DRY BULB	WET	PPESSURE SEA STATE	YTUIBISIV O N N N N N N N N N N N N N N N N N N N	WIND GIP (ami)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH		STA. NAME/ID
Y EE		99	NIN.		₩-	H H	<u>(၃</u>	(C)	(mb).	deg)	티	. 7	(m)	1	1
o 3 8 5 6 3 8 . 7	N 0 /	16 4 TIMES	1918 SIMIME	7 W 2/Z A DUTINE	0 6 9 8	70	0	DATA LOCATION	7	0	2	REMARKS	<u>.</u>	<u>)</u>	
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TIME   DRY   WET		PROJEC HX213	PROJECT & LEG HX213		2500	3m	STATION DESIGNATION	GNATION /	<i>b</i>
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DATA LOCATION  Tape/Diskette ID File Name/Header  Tape/Diskette ID File Name/Header  Tape/Diskette ID File Name/Header  MAX. DEPTH =  MAX. DEP	<b>X</b>		H H			(deg) • •	m/s) * *	<u> </u>	-
iskette ID File Name/Header  Thatsivissometer  SALINITY	N/68 44.89 W23A	ا بــ	0 9 8	0		76260	0		CNC114
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E NAME/ID STA. Р WIND WIND OUR (APT PER DEPTH DIRN. SPD. C. DEPTH STATION DESIGNATION MAX. DEPTH = D D REMARKS 977526036872 (deg) (m/s) File Name/Header 70 30 SEA STATE VISIBILITY hitbotton DATA LOCATION (mp) BUCSSBUG Wares WET BULB ပ္ Tape/Diskette 1D DRY BULB ပ္ 51.90 N/ (334.81 W23 AUG982030 ¥ E TIME (GMT) PROJECT & LEG ¥ HX213 § DATE JD= DAY JD/TIME LONGITUDE ₹ START DOWN AT SUPFACE AT DEPTH DATA ON TIMES 9 LATITUDE Z 9 4257 Alpha Helix TYPE & SN 뜮 PRESS SN COND SN TEMP SN VESSEL CAST

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	∕/BER	WHIT'S NUTR.													
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۸e	SAMPLE BOTTLE NUMBER	NUTR.													
eed val	SAM	SAL.													
Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY								E			*	93	
TRANSMISSOMETER		SALINITY										:		:	
ChlAM	) MONITOR VALUES	SEC. TEMP					¥	88			197	2.4			
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DIRN. SPD. CLOM STATION DESIGNATION  $\Xi$ MAX. DEPTH = <u>E</u> REMARKS Cleaned air bleed valve 877 SAL. 2/5/ (m/s) SAMPLE BOTTLE SALINITY DATA File Name/Header SEA STATE VISIBILITY 986 DATA LOCATION Wares 320 (mp) HEESENGE TRANSMISSOMETER WET BULB SALINITY <u>ဂ</u> Tape/Diskette ID ORY BULB ပ္ ¥ E 0435520 516 N 16327 81 W23 A UG 9 82159 TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM Œ HX213 ₹ DATE JD= DA≺ N FLUOR JOYTIME PHI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH X PAR DATA ON 9 TIMES HESSURE 57 LATITUDE 16.5 30 432 29.0 9 Alpha Helix TYPE & SN E E PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST S 10 12 က S 9 Φ 0

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WHIT'S NUTR. SPICINCIPIS Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 뚱 8 BOTTOM DEPTH STATION DESIGNATION  $\widehat{\mathbf{E}}$ MAX. DEPTH = RES. ソスリ REMARKS Cleaned air bleed valve S WIND (& mt).
CLOUD (& mt).
PSFE
APPER 4 SAL. 7 (m/s) 1 × × SAMPLE BOTTLE WIND DIRN. SALINITY DATA 5260 (ded) File Name/Header SEA STATE VISIBILITY 348 Waves 260 000 DATA LOCATION (mb) BESSONEE TRANSMISSOMETER WET BULB <u>(၃</u> SALINITY Tape/Diskette ID ORY BULB <u>(</u> TIME (GMT) H M 04457301516 N16324178W13 3 N G 9 82 335 CID CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 旡 HX213 Ş DATE JD= DAY MRUOR JD/TIME PRI. TEMP. 24,68 LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH |V||PAR DATA ON 9 TIMES HESSER 25,20 30,5 39.5 20.8 LATITUDE Z 70 30 20 Alpha Helix TYPE & SN £ PRESS SN SOND SN TEMP SN TEMP SN VESSEL CAST 8 10 2 က Ξ 2 ဖ œ 6

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VESSEL Alpha Helix				ťΫ	PRWEUI & LE HX213	5	3	i	W /	2	OI WIN	V DESIGN	N N N	J.	
CONSC CAST #				DATE IO-		TIME	DRY	MET SE	HESSURE YTIBIELTY	QNIM	WIND CO	CLOUD (amt) PRF PSHTATM	BOTTOM		STA.
DEG	NIN (	DEG -	$\mathbb{H}$	. 1	<b>9</b>	TI.	0		(a)	(deg)	(m/s)		(E)	<del> </del>	
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POS. TRIP DEPTH			CIDCO	WERTED	CTD CONVERTED MONITOR VALUES	/ALUES			ගි	SAMPLE BOTTLE DATA	TTLE	SAMP	LE BOTT	SAMPLE BOTTLE NUMBER	BER
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VESSEL Alpha Helix				EI	PROJECT & LEG	EG		V	CNC04	STATIO	PG STATION DESIGNATION	PG NATION	비	
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CAST #	LATITUDE	FONG	LONGITUDE	DATE	-QC	TIME (GMT)	DRY	WET BULB	SEA ST VISIBIL OF WIND	WIND SPD.	JAYT TYPE TASW	BOTTOM DEPTH		STA. NAME/ID
DEG	-	DEG	MIN		MO YR	HR MIN	(°C)	(°C) (mb)	(geb) • •	(m/s)	*	(m)		
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CED		TIMES	JD/TIME	IME			۵	DATA LOCATION	NC	1	REMARKS	S		-
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PRESS SN		START DOWN	NN.		· 								-	
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POS. TRIP DEPTH			CTDCO	NVERTE	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE DATA	3	SAMP	LE BOTT	SAMPLE BOTTLE NUMBER	BER
100	### SB	PESSUE	PRI. TEMP.		SEC. TEMP	EMP	S.	SALINITY	SALINITY		SAL.	NCTR.	GHL.	WHIT'S NUTR.
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VESSEL Alpha Helix		,		PROJEC HX213	PROJECT & LEG HX213		7	CNG	200	STATIC	STATION DESIGNATION	NATION		
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ST SC	L Z			PATE ID		TIME	DRY B II B	WESS	VISIBIL O WIND	D WIND	CLOUI TYPE TTA3W	BOTTOM DEPTH		STA. NAME/ID
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WHIT'S NOTR. Ε STA. NAME/ID SAMPLE BOTTLE NUMBER PP 딩 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = RES. Cleaned air bleed valve S WINCLOUD (&mt) REMARKS SAL. (S/HH) 2000 SAMPLE BOTTLE DATA SALINITY WIND (ded) OIRN. File Name/Header SEA STATE VISIBILITY DATA LOCATION (mp) 2400 **BUCKSONE** Daves THANSMISSOMETER WET (၁) SALINITY Tape/Diskette ID DRY BULB ပ္ H. GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 8 뜻 7 W25 A UG HX213 8 DATE JD= DAY FLUOR JD/TIME PRI. TEMP. LONGITUDE 16834 START DOWN AT SURFACE / PAR AT DEPTH DATA ON TIMES 9 HESSEL LATITUDE Z ≥ 990 Alpha Helix TYPE & SN 문 PRESS SN NS GNOO TEMP SN TEMP SN VESSEL SONSC CAST POS. 12 10 Ξ B

WHIT'S NUTR. E NAME/ID SAMPLE BOTTLE NUMBER STA. WIND OUR BOTTOM 풀 STATION DESIGNATION MAX. DEPTH = SEE EEEE Cleaned air bleed valve REMARKS SAL. 1 SAMPLE BOTTLE SALINITY MIND 0 DATA (ded) File Name/Header Warres 2400 SEA STATE VISIBILITY DATA LOCATION (mb) BRESSURE TRANSMISSOMETER WET <u>(၃</u> SALINITY Tape/Diskette ID ORY BULB H. WEIN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM W25 A U G 9 B Œ HX213 8 DATE JD= DAY FLUOR JD/TIME PHI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON TIMES PRESSURE LATITUDE OEPTH DE Alpha Helix TYPE & SN Ê Ŕ PRESS SN 56 COND SN TEMP SN TEMP SN VESSEL CAST PQS. 12 10 Ξ Ŋ 9 œ 6

WHIT'S NUTH. 0/0/ Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 풀 SPD. CLOUD (amt) STATION DESIGNATION MAX. DEPTH = EE SE Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE SALINITY MIND 0 DATA (ded) File Name/Header Wayes SEA STATE VISIBILITY 166 DATA LOCATION (qm) **BUCSSAME** TRANSMISSOMETER 2600 WET BULB (၃ (၃ SALINITY Tape/Diskette ID ORY BULB ξ Q H W TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM W 35 A U G 9 B Œ HX213 8 DATE JD= DAY FUGH JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH Z PAR DATA ON TIMES PPESSURE LATITUDE 505830 THIP DEPTH 7 2 55.4 9 3 Alpha Helix TYPE & SN Ê PRESS SN NS QNOO TEMP SN TEMP SN VESSEL CAST POS. 10 12 Ξ ß ဖ œ 0

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VESSEL Alpha Helix			-	PROJECT & LEG	& LEG	27601.2	'2m	STATIO	STATION DESIGNATION	NATION		
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CAST #	™ I ATITUDE	HOLLIGHOL		DATE JD=	TIME	DRY WET	PPESSU VISIBILI DIAN DIAN DIAN DIAN DIAN DIAN DIAN DIA	WIND SPD.	WEATH	BOTTOM DEPTH		STA. NAME/ID
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СТО		TIMES	JD/TIME			DATA LOCATION	ATION		REMARKS	S		
TYPE & SN		DATA ON			Tape/Diskette ID		File Name/Header		£3			
PRESS SN		START DOWN			·							
TEMP SN		АТ БЕРТН	85		1			<u></u>				
COND SN		AT SURFACE				2	50		MAX. DEPTH =	PTH =	,	E
TEMP SN		PAR	PEUOR		ChlAM	TRANSMISSOMETER		d air ble	Cleaned air bleed valve	6		
POS. TRIP DEPTH			CTD CONVE	CTD CONVERTED MONITOR VALUES	OR VALUES		SAMPLE BOTTLE DATA	тте	SAMP	SAMPLE BOTTLE NUMBER	LENUM	BER
Š	FRESSURE	335	PRI. TEMP.	38	SEC. TEMP	SALINITY	SALINITY	>	SAL.	NUTR.	岩	WHIT'S NUTR.
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WHIT'S NUTR SKAILOS Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = REPER PROPERTY. REMARKS Cleaned air bleed valve WEND (AMI)
CLOUD (AMI)
TYPE

METATHER SAL. (ent/s) SAMPLE BOTTLE DATA SALINITY WIND DIRN. 000 (deg) File Name/Header SEA STATE VISIBILITY 995 DATA LOCATION (mb) 00 THANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette ID DRY BULB ပ္ပ 1442 ¥ E (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM .9 0 W Z S A U G 9 8 ¥ HX213 ₹ DATE JD= DA≺ FUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN 1823 AT SURFACE AT DEPTH <u>R</u> DATA ON 8 TIMES PRESSURE 0525035.40N 58LATITUDE 9 0.9 20.0 Alpha Helix TYPE & SN 3 £ PRESS SN COND SN TEMP SN TEMP SN **VESSEL** SONSC CAST S. 10 12 Ξ က 9 œ 6

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VESSEL. Alpha Helix	XII			医子	PROJECT & LEG HX213	EG		Waves 270	1.2 m	STATI	STATION DESIGNATION	SNATION		
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_	S,	ŇO'I	LONGITUDE	ω⊢	}	<			AIS		CC		-	NAME/ID
_	DEG MIN	92	N	DAY	W QV	H H	(၃)	<u>ٿ</u> (ي	(mb) (deg)	(g) (m/s)		(E)	_	
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TYPE & SN	Z	DATA ON			:2.	Tape/Diskette ID	kette ID	File	File Name/Header	·	Œ		147	
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.so 1. 30	тяр ОЕРТН	C	CTD	CTD CONVERTED	O MONITOR VALUES	VALUES		*.	SAMPLE	SAMPLE BOTTLE DATA	SAM	SAMPLE BOTTLE NUMBER	LE NUMI	BER
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VESSEL				PR	PROJECT & LEG	9	2	Wares.	,	STATIC	STATION DESIGNATION	NOTIAN.	_	-
Alpha Helix				HX213	213			270 1.	7		0770	0		
	HC	EONO	<u>.</u>	F C	j	TIME	DRY	36USS366 2 cd 2 cd 3 cd	SEA STATE  SIGNATURE  SIGNATURE	QNIM	CLOUD (amt) PPE MEATHER	BOTTOM		STA.
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POS. TRIP DEPTH			80	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			SAMPLE BOTTLE DATA	OTTLE	SAME	LE BOT	SAMPLE BOTTLE NUMBER	3ER
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WHIT'S NUTR. 49K1COS Ε NAME/ID SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION  $\widehat{\mathbb{E}}$ MAX. DEPTH = NGTA. REMARKS Cleaned air bleed valve S WIND (amt)
CLOUD (amt)
TYPE
MEATHER SAL. 9966300258 (sut) SAMPLE BOTTLE DATA WIND SALINITY (deg) File Name/Header YTUIBISIV 2700/2m SEA STATE (mb) DATA LOCATION **BESSONE** TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID ORY BUB (S) NE E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG 6 W2 5 A U G 9 8 1 ChIAM Œ HX213 S DATE JD= DAY A LOS JD/TIME PHI. TEMP. LONGFIUDE ₹ START DOWN AT SURFACE PAR AT DEPTH DATA ON 0555842158N168 TIMES PHESSURE LATITUDE ₹ 47.5 OEPTH DEPTH 30.2 1 9 20.7 101 Alpha Helix TYPE & SN 6 PRESS SN COND SN TEMP SN TEMP SN VESSEL SONSC CAST PQS. 10 12 -ဖ æ 6

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WHIT'S NUTR. 40NACOX Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 문 BOTTOM DEPTH STATION DESIGNATION SEE. MAX. DEPTH = REMARKS Cleaned air bleed vaive SP MIND (amt)
CLOUD (amt)
WEATHER 1032878 SAL. To All SAMPLE BOTTLE DATA MIND SALINITY (ded) OFFIN N File Name/Header S.m. VISIBILITY 166 SEA STATE DATA LOCATION (mb) Waves 1 **BUCSSALUE** TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID PAY BULB ပ္ ¥ E GMT) b CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG 149W25AUG981 CHIAM ¥ HX213 8 DATE JD= DAY / FUOR JD/TIME PRI, TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH -PAR DATA ON S1012181414.171311168 9 TIMES PHESSURE LATITUDE Z DEG 28 Alpha Helix TYPE & SN 3 g PRESS SN COND SN TEMP SN TEMP SN SONSC VESSEL CAST SS. 0 <del>-</del> က ဖ 8 O

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The Dry   West   Color   Col	VESSEL				PROJE	PROJECT & LEG			your	6		STATIO	N DESIG	NATION		
TIME   CHATTUDE   DATE   DAT	əlix				HX21	3		9.	36	0	2.0m		57	03		
10   10   10   10   10   10   10   10		i di El			DATE ID.		TIME	DHY E		SEA STATE		WIND	A3HTA3W	BOTTO DEPTH		STA.
1   1   2   1   1   2   1   2   2   2	_	MIN	DEG		ן וי	<b>-</b> -		(o <sub>c</sub> )	$\top$			(mr/s)		(m)		
N DATA ON TIMES JD/TIME Tape/Diskette ID File Name/Header STAFT DOWN AT DEPTH AT SUFFACE CID CONVEHTED MONITOR VALUES SALINITY SA	1584	7.03N	89	1.89 W	`∧ U	8 6	734		•			w 0	77	4	ZWI	202
AT DEPTH AT DEPTH AT STAFF DOWN AT DEPTH AT SUPFACE CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE CTD CONVERTED MONITOR VALUES SALINITY SALIN	Đ.		TIMES	II.J/Qr	ME		_	0	ATA LOC	ATION			REMARK	S		
AT DEPTH AT SUPFACE TO CONVERTED MONITOR VALUES SALINITY	NS X		DATA ON			- <del>12</del>	ape/Diske	ette ID	Ĕ	Name/	Header	!				
AT SUPFACE  AT SUPFACE  AT SUPFACE  TO CONVERTED MONITOR VALUES  PITH  THESSIFE PRI TEMP. SEC. TEMP SALINITY SALINITY S. 2.7	NS.		START DOW	Z		e										
AT SUBFACE  The Cham Thansmissometer Cleaned air blees of the CTD Convertied Montror values Salinity S	S	85	AT DEPTH		<b>6</b> 3	L							i			
PTH CTD CONVENTED MONITOR VALUES SAMPLE BOTTLE DATA  FILE  F	SS		AT SURFACE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. 100	37							AAX. DEI	PTH =		٤
PTH HESSIFE PRI, TEMP. SEC, TEMP SALINITY SALINITY S.  2.7  2.7  3.7  4.6  5.7  5.7  5.7  5.7  5.7  5.7  5.7  5	NS NS	•	P. B.	Z	EQ.	ChIAM		IRANSMISS I	SOMETER		Cleaned	i air ble	ed valve	Ð		
5.4 NJTR. SEC.TEMP SALINITY SAL. NJTR. 22.7 SALINITY SAL. NJTR. 22.7 SALINITY SALINI	TRIP DEPTH			CTDCON	WERTED MC	NITOR V	NUES			S	AMPLE BO DATA	TTLE	SAMPI	LE BOTT	LE NUM	BER
45.t 23.c 2.7 9.3 6.7 6.7		FRESS	Щ.	PRI. TEA	JP.	SEC. TE	•	SAI	<u></u> FIN		SALINIT			NCTR	불	WHIT'S NUTR.
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C10171MA WHIT'S NUTH. Ε NAME/ID SAMPLE BOTTLE NUMBER WIND COOL (AMIL)

CLOUD (AMIL)

TYPE

TYPE

(M) 占 STATION DESIGNATION MAX. DEPTH = <u>K</u> 0 REMARKS Cleaned air bleed valve त SAL. 30 SAMPLE BOTTLE DATA SALINITY MIND (deg) 1320 File Name/Header SEA STATE VISIBILITY DATA LOCATION S (gm) **BUNSSBUU** 3000 TRANSMISSOMETER WET BULB <u>လ</u> SALINITY 5.00 Tape/Diskette ID ORY BULB ပ္ပ ¥ E GMT) CTD CONVERTED MONITOR VALUES 351N16808.33W2SAUG98181 SEC. TEMP PROJECT & LEG CHAM Œ HX213 Ş DATE JD= DAY / FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON FA3 9 TIMES PRESSURE LATITUDE Z 585858 9 30.0 21.4 TRIP DEPTH 8 6.8 Alpha Helix TYPE & SN CTD PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST N S 10 12 2 9 œ O)

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WHIT'S NUTR. 43 NICO1 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 占 WIND (amt)
CLOUD (amt)
TYPE
WEATHER
DEPTH STATION DESIGNATION MAX. DEPTH = NOTH. REMARKS Cleaned air bleed valve 432030877 SAL. (FINTS) SAMPLE BOTTLE SALINITY WIND DIPN. DATA (deg) File Name/Header 0 VISIBILITY Ū 00 SEA STATE DATA LOCATION (qm) HPESSUPE THANSMISSOMETER WET ပ္ပ SALINITY Work 3.0 Tape/Diskette ID ORY BULB ပ္ N∰ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 172/11/68/51.77/W2/5TA UG9/8 Œ HX213 Ş DATE JD= DAY 7 Fuon JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE PAH AT DEPTH DATA ON 9 TIMES PRESSURE LATITUDE Ø-₹ E 595851 TRIP 8 3 Alpha Helix TYPE & SN 0 £ PRESS SN COND SN TEMP SN TEMP SN CAST **VESSEL** Š 0 12 <del>-</del> N က S 9 æ 6

WHIT'S NUTH. Ε #15TWITIPIO/ NAME/ID SAMPLE BOTTLE NUMBER STA. 占 SPD. CLOUD (amt) STATION DESIGNATION MAX. DEPTH = EE SE REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE SALINITY WIND DIRN. DATA (deg) 09/5-13/6 File Name/Header 2.5 310 VISIBILITY SEA STATE DATA LOCATION (mp) TRANSMISSOMETER Wares WET BULB <u>(၃</u> SALINITY Tape/Diskette 1D DRY BULB <u>(၃</u> GMT) CIT CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG CHIAM σ 旡 159 W24A0G9 HX213 Ş DATE JD= DAY ENGH. JD/TIME PHI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE PAH AT DEPTH DATA ON TIMES 9 PHESSURE z 05854.97 28.5 LATITUDE 8 ₹ DEPTH DEPTH 92 30 Alpha Helix Q TYPE & SN CE PRESS SN NS GNOO **TEMP SN** TEMP SN VESSEL SONSC CAST S. 0 2 <del>-</del> c S ဖ O 4 8

14/2 M1 403 WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER WIND OUD (SMILL) 몽 STATION DESIGNATION MAX. DEPTH = NGTA. AOZ Cleaned air bleed valve REMARKS 6 72 SAL. 32020 SAMPLE BOTTLE SALINITY WIND DIPN. DATA (deg) File Name/Header 3200 SEA STATE VISIBILITY DATA LOCATION (mb) **BESSONE** Dave THANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette 1D ORY BULB <u>(၃</u> ¥ E 17/4/ TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 8 Œ 70W2C A U G 9 HX213 8 DATE JD= DAY FLUOR **JD/TIME** PRI TEMP LONGITUDE ₹ START DOWN AT SURFACE 5850.36N16821 AT DEPTH | PAR DATA ON TIMES 9 HESSEL B 30.4 σ-LATITUDE 9 Z ∑ OFFTE PEPPE 9 Ž Alpha Helix TYPE & SN 0 CTD 0 PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST <u>=</u> S 10 12 က <del>-</del> S æ 9 6

WHIT'S NUTR. GONTAOS Ε NAME/ID SAMPLE BOTTLE NUMBER STA. WIND OUT (amt) 풍 STATION DESIGNATION  $N_{140}$ <u>E</u> MAX. DEPTH = REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE SALINITY WIND DIPN DATA ш Д (deg) File Name/Header Θ 320 12.5 VISIBILITY SEA STATE DATA LOCATION (mp) 1 are TRANSMISSOMETER WET SALINITY <u>(၃</u> <u>2</u> Tape/Diskette ID DRY BULB ပ္ NEW H 0/cp/5/8/4/51.70/1/6/2/6/8/5/W2CAUG9/8/1/8/4/ TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM Œ HX213 S DATE JD= DAY MEUOR JD/TIME PHI, TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH Z PAR DATA ON TIMES 8 HESSURE LATITUDE **Z** 328 45.8 OFFE HPPA DEG 22 Alpha Helix TYPE & SN Ę PRESS SN NS QNOO TEMP SN TEMP SN CONSC **VESSEL** CAST Š 10 12 -N c S 9 8 6

\_\_OF\_\_

WHIT'S NUTR. N/ 000 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 占 BOTTOM DEPTH STATION DESIGNATION  $\widehat{\mathbb{E}}$ MAX. DEPTH = EE SE REMARKS Cleaned air bleed valve WEATHER CLOUD (amt) TYPE CLOUD (amt) SAL. (First) 70 SAMPLE BOTTLE WIND DIRN. SALINITY DATA (deg) File Name/Header SEA STATE VISIBILITY of 09 DATA LOCATION N (gm) works **HEESSUBE** 3200 TRANSMISSOMETER WET BULB <u>(၃</u> SALINITY Tape/Diskette ID ORY BUB <u>(</u> 016357814131.1361N116812191.421W216101918119116 **Z** TIME (GMT) CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG CHIAM ¥ HX213 DATE JD= DA≺ FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH ₩ H DATA ON TIMES 图 PRESSURE 20.2 32 4 LATITUDE Alpha Helix TYPE & SN £ PHESS SN COND SN TEMP SN TEMP SN CAST **VESSEL** POS. 0 က 4 τO 9 œ 0

WHIT'S NUTH. ST3 INITIA 10TO Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 동 BOTTOM DEPTH PEPTH STATION DESIGNATION MAX. DEPTH = NSTEN  $\Xi$ REMARKS Cleaned air bleed valve WIND CLOUD (amt) WEATHER SAL. (mrts) SAMPLE BOTTLE WIND DIRN. SALINITY DATA (ded) File Name/Header VISIBILITY SEA STATE DATA LOCATION NICO (mb) 0 **LHESSANKE** TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY 3 320 Tape/Diskette ID <u>ဂ</u> 7 W26 A UG9 8 1 9 5 9 H MIN GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM ⊈ HX213 S DATE JD= DAY FLUOR JD/TIME PRI, TEMP. LONGITUDE 0 645890.93N16832.11 START DOWN AT SURFACE AT DEPTH PAR DATA ON TIMES 9 FIESSUR 58,40.93 LATITUDE 52 TRIP DEPTH 12.4 Alpha Helix TYPE & SN £ PRESS SN NS GNOO TEMP SN TEMP SN CAST VESSEL POS. 7 S φ œ 6

WHIT'S NUTR. SAMI ADOS Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 물 BOTTOM DEPTH STATION DESIGNATION NETH. MAX. DEPTH = (E Cleaned air bleed valve REMARKS SP WIND (SIMI) SAL. ptst SAMPLE BOTTLE WIND DIRN. SALINITY 320 DATA (deg) File Name/Header mo VISIBILITY SEA STATE M 40 DATA LOCATION 0 (mp) Whise 3260 TRANSMISSOMETER WET BULB SALINITY ပ္ပ Tape/Diskette ID ORY BULB <u>ဂ</u> ₹ GMT) CTD CONVERTED MONITOR VALUES 0655836.23N76833.22W24AUG98211 Ŧ SEC. TEMP PROJECT & LEG CHIAM Œ HX213 § DATE JD= DA√ FLOSH JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAH DATA ON TIMES 8 HESSER LATITUDE <u>Z</u> 553 31.8 OEPTH OFFTH 1 9 Alpha Helix 0' TYPE & SN E E PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 12 10 -2 9 ~ Ø 6

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VESSEL				PROJECT & LEG	T&LEG		30		STATIC	STATION DESIGNATION	NATION		
Alpha Helix				HX213			320,2	.0.	2	7	$\bigcup$		
	LATITUDE	CONGITUDE	DATE	i JD≓	TIME	DRY	WET WET	SEA STATE VISIBILITY D WIN	WIND SPD.	CLOUD (amt) TYPE MEATHER	BOTTOM DEPTH		STA. NAME/ID
DEG DEG		DEG	DAY	QV	YR HR MIN	(S) N	(S)	(mb) . (deg)	(1) (tm/s)	•	(m)		ŀ
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CTD	F	TIMES	JD/TIME				DATA LOCATION	NOIL		REMARKS	g		
TYPE & SN	_O	DATA ON			Tape/D	Tape/Diskette ID	File	File Name/Header	_				
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TEMP SN	AT	AT DEPTH				-					OX.		
COND SN	AT	AT SURFACE					:			MAX. DEPTH =	:PTH =		æ
TEMP SN		J PAR	7 FLUOR		ChIAM	THANSIN	TRANSMISSOMETER	Clean	Cleaned air bleed valve	eed valv	ē.		
POS. TRIP DEPTH			ID CONVER	TTED MON	CTD CONVERTED MONITOR VALUES			SAMPLE BOTTLE DATA	BOTTLE ra	SAME	SAMPLE BOTTLE NUMBER	ENUM	3ER
8	HINSSEE	M)	PRI, TEMP.		SEC. TEMP		SALINITY	SALINITY	JITY	SAL.	NUTR.	콩	WHIT'S NUTR.
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WHIT'S NUTR. NAME/ID CANTAI SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION E MAX. DEPTH = EES. REMARKS Cleaned air bleed valve CLOUD (amt)
TYPE
RATHER SAL. MIND (State SPD. 1 SAMPLE BOTTLE SALINITY WIND DIPN. (deg) 0 0 0 DATA 1.5m File Name/Header Wave 32001. VISIBILITY SEA STATE 780 DATA LOCATION (mp) FRESSURE TRANSMISSOMETER WET BULB (၃) SALINITY Tape/Diskette ID ORY Butb <u>(</u> ¥ E GMT) CID CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG HX213 CHAM G 9 8 Œ 8 DATE JD= 7 W 7 C V U DAY //||FLUOR JD/TIME PRI, TEMP. LONGITUDE START DOWN AT SURFACE PAR AT DEPTH DATA ON 9 TIMES PHESSURE 5/8 N 1.8 0.0 17.4 4 LATITUDE 8.0 Z 4 TAIP DEPTH DEG DEG Alpha Helix TYPE & SN Ę M PRESS SN COND SN K TEMP SN TEMP SN VESSEL SONSC CAST SS 12 0 က œ

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VESSEL Alpha Helix			3)	Œ X	PROJECT & LEG HX213	9:		Mar 320°	1.00	ζ.	STATIO	N DESIG	STATION DESIGNATION	)	
	-			<u>.</u>		TIME	DRY	WET	ESSURSE EXATE			(Jms) (Jung) PPE R3HTAER	BOTTOM		STA.
# DEG	LATITUDE	LONGITUDE DEG MIN		DATE JD= DAY MO	-0 Q	H MIN	(C)	,	. oi		SPO.	M .	(m)	+	NAME/ID
285870	5-10 N	16820	0.83 W	3 W27A	U G 9 8	6400	7	-	093	320	0	1	V	X	E111
GES .	F	TIMES	JD/TIME	ME		8010	Ô	DATA LOCATION	ATION			REMARKS	S		
TYPE & SN		DATA ON			1	Tape/Diskette 1D	ette 1D	File	Name	File Name/Header	!				
PRESS SN	<u>.</u>	START DOWN	z		i <sub>i</sub> t			1							
TEMP SN	<u> </u>	AT DEPTH	13	*		32									
COND SN	▼	AT SURFACE			,				Đ	,	<u> </u>	MAX. DEPTH =	PTH =		Ε
TEMP SN	<u> </u>	PAR	PRUOR	æ	ChlAM		TRANSMISSOMETER	SOMETER		Cleaned air bleed valve	air ble	ed valv	<b>.</b>		
POS. TRIP DEPTH	÷		CTD CONVERTED		MONITOR VALUES	VALUES			100	SAMPLE BOTTLE DATA	TILE	SAMP	SAMPLE BOTTLE NUMBER	LE NOM	BER
-	PRESSURE	₩ ₩	PRI. TEMP.	<u>ā</u>	SEC, TEMP	EMP	SAI	SALINITY		SALINITY		SAL.	E S	븅	WHIT'S NUTH.
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	1.7	+ 0	* * *	1	3 1/					ļ					

Had problem with electronics, -0K

WHIT'S NUTR 57 MIE09 Ε NAME/ID SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = RES. REMARKS Cleaned air bleed valve SPO (amt)
CLOUD (amt)
WEATHER SAL. (tuts) 1 SAMPLE BOTTLE DATA SALINITY MIND (ded) DIPIN File Name/Header SEA STATE VISIBILITY 760 DATA LOCATION (mb) Waves TRANSMISSOMETER WET BULB ပ္ပ SALINITY Tape/Diskette ID DRY BULB ပ္ 5 NE H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP 9 8 0 PROJECT & LEG CHAM 吳 168151871WATAUG HX213 9 DATE JD= DA≺ A LOS JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH æ Æ DATA ON 9 TIMES HESSET Z LATITUDE 695829.8 B 1 ₹ TRIP DEPTH 9 Alpha Helix TYPE & SN B PRESS SN COND SN **TEMP SN** TEMP SN VESSEL SONSC 3 CAST SS. 10 12 <del>-</del> S 9 œ 6

1 2031 WHIT'S NOTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. F F 문 SPD OLOUD (AMIL) STATION DESIGNATION NETH. MAX. DEPTH = D. Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE DATA SALINITY WIND DIPIN. 3/0 (deg) File Name/Header VISIBILITY 09 11 SEA STATE DATA LOCATION (mp) BUCSSTUE TRANSMISSOMETER Samo WET BULB 3100 ပ္ပ SALINITY <u>v</u> DRY BULB Tape/Diskette ID ပ္ 0227 ¥ Y GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 8 矢 6 33 W27 A UG HX213 8 DATE JD= DĄ MRUOR JD/TIME PHI. TEMP. LONGITUDE ₹ START DOWN 3 AT SUPFACE AT DEPTH V PAR DATA ON <u>%</u> TIMES 8 HESSUR z 0 LATITUDE ₹ 170151832 OEPTH DE 21.7 8 Alpha Helix TYPE & SN E E PRESS SN COND SN TEMP SN **TEMP SN** VESSEL CAST 8 12 Ξ 0 ဖ 8 O)

Mooning calib. Ette

WHIT'S NUTR. 5 ZN1 E07 NAME/ID SAMPLE BOTTLE NUMBER STA. 중 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NOTE: REMARKS Cleaned air bleed valve WIND CLOUD (&mt) TYPE WEATHER SAL (Extra) 7 SAMPLE BOTTLE WIND DIPN. SALINITY (ded) DATA File Name/Header 3 VISIBILITY Bare SEA STATE DATA LOCATION (mb) TRANSMISSOMETER WET BULB <u>(၃</u> SALINITY Tape/Diskette 1D DAY BULB <u>ဂ</u> ¥ E GMT) S CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 2 W 27 A U G 9 8 Œ HX213 8 DATE JD= DAY FLVOR JD/TIME PRI, TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH P& DATA ON TIMES 9 HESSUR 5834.53N LATITUDE **≥** 20.7 9 46.1 7 Alpha Helix TYPE & SN E E PRESS SN COND SN **TEMP SN** TEMP SN SONSC VESSEL CAST SS 10 12 <del>-</del> œ 9 O

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WHIT'S NUTH. STA. NAME/ID 79 N FOR Ε SAMPLE BOTTLE NUMBER 붕 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NET SE REMARKS Cleaned air bleed valve SPOUD (amt)
MEATHER
MEATHER SAL. (m/s) SAMPLE BOTTLE WIND SALINITY DATA (ded) File Name/Header SEA STATE YTUIBISIV DATA LOCATION (qm) g yours ò TRANSMISSOMETER WET ပ္ SALINITY Tape/Diskette ID DAY BULB <u>ဂ</u> N W H TIME (GMT) 034 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 8 吳 6 05.51 W27AUG HX213 8 DATE JD= DAY 在 RDBH JD/TIME PRI, TEMP. LONGITUDE Z START DOWN AT SURFACE AT DEPTH - F DATA ON N / 6/2 TIMES 5 HESSLE LATITUDE 072583912 Z 20,3 30.7 0.8 TRIP DEPTH 9 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC CAST 8 12 0 1 ထ O

1808 WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER WIND OUD (AMENTHER DEPTH 方 STATION DESIGNATION MAX. DEPTH = NETHA FILE REMARKS Cleaned air bleed valve SAL. 31018 SAMPLE BOTTLE WIND DIRN. SALINITY (ded) DATA File Name/Header 310 VISIBILITY - DATA LOCATION 094 SEA STATE (mb) Daves THANSMISSOMETER WET BULB (၁ SALINITY OAY BULB Tape/Diskette ID <u>(၃</u> H WIN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM | A | U | G | B | 똣 HX213 8 DATE JD= DA√ 25W 7 7 40 FLUOR JOJIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE DATA ON AT DEPTH PA FA TIMES 9 PRESSURE  $\frac{1}{z}$ LATITUDE **Z** TAIP DEPTH 8 2003 Alpha Helix TYPE & SN 6.0 g PRESS SN COND SN TEMP SN **TEMP SN** CAST VESSEL POS. 0 <del>-</del> ထ æ 6

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WHIT'S NUTR. ٤ NAME/ID SAMPLE BOTTLE NUMBER STA. BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = REMARKS Cleaned air bleed valve WIND
SPD.
CLOUD (amt)
YPPE
WEATHER SAL. 09 4-31016-1 · form SAMPLE BOTTLE WIND DIPN. SALINITY (deg) DATA File Name/Header VISIBILITY 101 SEA STATE DATA LOCATION (mp) Waves 3100 TRANSMISSOMETER WET BULB <u>(</u> SALINITY Tape/Diskette ID ORY BUTB (၃ 19 8 19 18 ¥ E (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG HX213 CHIAM Œ § DATE JD= 35 W24 1 DAY FLOOR FLOOR JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH ₽¥ H DATA ON 60 9 TIMES PRESSURE LATITUDE ₹ 43 TIRIP DEPTH BANS 43.2 8 3 200 Alpha Helix TYPE & SN 9 PRESS SN COND SN TEMP SN TEMP SN SONSC VESSEL CAST POS. 10 12 <del>-</del> က 8 6

WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION (E) MAX. DEPTH == ₩. Cleaned air bleed valve REMARKS WIND CLOUD (amt) YPPE WEATHER SAL. (m/s) SAMPLE BOTTLE 3/02 MIND SALINITY (ded) DATA DIFIN File Name/Header SEA STATE VISIBILITY 080 DATA LOCATION (mp) Lanes THANSMISSOMETER WET <u>ဂ</u> SALINITY <u>v</u> DAY BULB Tape/Diskette ID **်** ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 8  $\mathcal{F}$ ATAUGS HX213 8 DATE JD= JOTTIME 1 DA√ A.100.7 PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH A TA DATA ON TIMES PHESSURE LATITUDE Z S PEPTH DEFINE 10.3 5 0.0 Alpha Helix TYPE & SN 9 PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC CAST POS. 0 12 -ဖ œ 6

WHIT'S NUTR. Ε NAME/ID 44N (CO SAMPLE BOTTLE NUMBER STA. ᆼ 딩 WIND OF HER SPD. CFPTH DEPTH STATION DESIGNATION NETA. MAX. DEPTH = REMARKS Cleaned air bleed valve SAL. (m/s) SAMPLE BOTTLE SALINITY WIND DIPN. 295 DATA (deg) File Name/Header 300 VISIBILITY 093 SEA STATE DATA LOCATION (mb) Wave THANSMISSOMETER WET BULB ပ္ပ SALINITY Tape/Diskette ID OAY BULB <u>ဂ</u> 127 Z **∑** TIME (GMT) CTD CONVERTED MONITOR VALUES £ SEC. TEMP 8 PROJECT & LEG CHIAM Œ 1.515 W217 A U G 9 HX213 Ş DATE JD= DA≺ HUGH HUGH JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE AT DEPTH DATA ON N 1 C 3 TIMES HESSUE LATITUDE 00 2.3 2:4 77 ₹ <u>०७८५६</u> OEPTH DEPTH 9 Alpha Helix TYPE & SN 15/ 6 PRESS SN COND SN 9 TEMP SN TEMP SN 0 VESSEL SONSC Ø 6 0 CAST SS 12 10 <del>-</del> S ဖ œ 6

WHIT'S NUTR. Ε 44 NICOI NAME/ID STA. SAMPLE BOTTLE NUMBER BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = (E) **₹** REMARKS Cleaned air bleed valve WN WOOUD (amt) 7 SAL. (m/s) SAMPLE BOTTLE MIND 0936295 SALINITY DATA (deg) DITA N File Name/Header SEA STATE VISIBILITY 11 DATA LOCATION (mb) 36001 Bares WIA 03 NIAOS WET <u>(</u> XA07 Tape/Diskette ID DHY BULB ပ္ပ 少少 015/11/2012/18/01/2/18/10/01/01/01/01/11/19/01 TIME (GMT) 63 PROJECT & LEG 7 Ŧ 20/2 HX213 § DATE JD= DA√ JO/TIME AFW CTD CON PH. TE LONGITUDE Z START DOWN AT SUBFACE AT DEPTH DATA ON | **∏**PAR TIMES 8 PHESSURE 18.4 5.9 611 LATITUDE B 2.0 3.7 6.3 3.2 N Z 1717581511 HAIP DEPTH 9 Alpha Helix TYPE & SN 뜮 PRESS SN NS GNOO TEMP SN TEMP SN Š CAST ø Ś VESSEL PQ S 12 9

Por PG OF	PROJECT & LEG STATION DESIGNATION HX213 $\begin{array}{c ccccccccccccccccccccccccccccccccccc$	TIME DRY WET SO DIPN. SPD. CI S DEPTH NAME/ID	9 W 2 S A U G 9 8 1 9 S L 7 6 . 0936 2951 8	JD/TIME	Tape/Diskette ID File Name/Header			MAX. DEPTH = m	FLUOR ChIAM TRANSMISSOMETER Cleaned air bleed valve	CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE NUMBER DATA	PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CHL. NUTR.							95					
	PROJECT & LI HX213	DATE	9 W 2 S A U G 9	JD/TiME		2	(A)			CTD CONVERTED MONITOR						57/2		95					
		LATITUDE	DEG AN / L 7 4	TIMES	DATA ON	START DOWN	AT DEPTH	AT SURFACE	PAR	E	PRESSURE	16	10,5	5.4	2.5	2.3	2.3	2.4	-	116			
	VESSEL Alpha Helix		DEG ×	P .	TYPE & SN	PRESS SN	TEMP SN	COND SN	TEMP SN	POS. TRIP DEPTH		1 /5	2 10	3 5	4	5 0	0 9	7 0	8	6	10	11	

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WHIT'S NUTR. SXXINOS STA. NAME/ID Ε SAMPLE BOTTLE NUMBER 문 SPD. CLOUD (amt) STATION DESIGNATION MAX. DEPTH = NETS. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND DIRN. SALINITY DATA (ded) File Name/Header VISIBILITY SEA STATE 093 DATA LOCATION (mb) TRANSMISSOMETER WET BULB ق SALINITY Tape/Diskette ID OHY BULB ပ္ GMT) 8202 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 旡 4 W2 8 A UG9 HX213 9≥ DATE JD= DAY A FLOSH JO/TIME PRI. TEMP. LONGITUDE ₹ E START DOWN AT SURFACE AT DEPTH <u>₩</u> DATA ON TIMES 9 HESSUE z 0.43 8.2 14.2 400 LATITUDE 4.3 5.0 wi 3.4 4 Z 07 4 DEG 1 STONES 80 Alpha Helix 20 TYPE & SN S E PRESS SN COND SN a 3 TEMP SN TEMP SN SONSC VESSEL CAST S. 12 0 <del>-</del> 9 æ

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. CH. WIND OW PE BOTTOM SPD. CO P WE DEPTH STATION DESIGNATION MAX. DEPTH = ES ES REMARKS Cleaned air bleed valve SAL. (deg) (<del>m/s)</del> 0 40 88 SAMPLE BOTTLE SALINITY WIND DIPIN. File Name/Header 4 VISIBILITY 350 SEA STATE DATA LOCATION (gm) TRANSMISSOMETER Waves WET BULB <u>(၃</u> SALINITY Tape/Diskette ID ORY BULB (၃ (၃ ¥ E TIME (GMT) 8 CTD CONVERTED MONITOR VALUES (1/18) SEC. TEMP PROJECT & LEG ChIAM ¥ WONTANGO HX213 § DATE JD= DA≺ FUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON TIMES 9 HESSER 5938.38 LATITUDE Z OEPTH DEG 29.2 Alpha Helix Q TYPE & SN 6 PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST S. 12 10 ო 2 9 œ O

WHIT'S NUTR. ٤ NAME/ID SAMPLE BOTTLE NUMBER STA. 된 WIND OW HE BOTTOM SPD. CLASS DEPTH STATION DESIGNATION B Ξ MAX. DEPTH = EES. REMARKS Cleaned air bleed valve R SAL (HMTS) SAMPLE BOTTLE WIND DIRN. SALINITY DATA (ded) File Name/Header SEA STATE VISIBILITY N DATA LOCATION (mb) **ERESSURE** TRANSMISSOMETER WET BULB ဝိ SALINITY DRY BULB Tape/Diskette ID <u>(၃</u> NIM H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 33 W29 A UG9 B ₹ HX213 ₽ DATE JD= DAY FUGH JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH 짬 DATA ON TIMES HESSLE LATITUDE Z ≥ 8 0 Alpha Helix TYPE & SN CTD PRESS SN COND SN TEMP SN TEMP SN 7 VESSEL SONSC CAST S. 12 10 Ξ က 9 8 o

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VESSEL				PRO	PROJECT & LEG	(n	3	yanes ?	350	STATIC	N DESIG	STATION DESIGNATION		
Alpha Helix				HX213	13		·	- 1	(20)					
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сцо		TIMES	JD/TIME				/Q	DATA LOCATION	NOI	1	REMARKS	S		
TYPE & SN	<del></del>	DATA ON			<u> </u>	Tape/Diskette ID	ette ID	File N	File Name/Header		22			
PRESS SN		START DOWN	z		Œ.									
TEMP SN		AT DEPTH		. 7						'				
COND SN		AT SURFACE							]	. <del>-</del>	MAX. DEPTH	:PTH =		٤
TEMP SN	!	<u>Z</u>	Z	FLUOR	. ChlAM		TRANSMISSOMETER	SOMETER	Cleane	Cleaned air bleed valve	ed valv	9/		
POS. TRIP DEPTH	8		S CID CO	CTD CONVERTED MONITOR VALUES	ONITORV	ALVES		1.	SAMPLE BOTTLE DATA	ОТПСЕ	SAME	SAMPLE BOTTLE NUMBER	LE NUM	EH.
	PRESSURE	<u> </u>	PRI. TEMP.	<u>6</u>	SEC. TEMP	· dw	SAI	SALINITY	SALINITY	>	SAL.	NCTR.	SH	WHIT'S NUTR.
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WHIT'S NUTR. ٤ STA. NAME/ID SAMPLE BOTTLE NUMBER 耔 BOTTOM DEPTH STATION DESIGNATION 10 MAX. DEPTH = E Ř E REMARKS Cleaned air bleed valve S WIND CLOUD (amt)
PSTYFE
WEATHER 4 SAL (m/s) SAMPLE BOTTLE WIND DIRN. SALINITY DATA (ded) File Name/Header  $\omega$ VISIBILITY 70 SEA STATE DATA LOCATION (dm) 3500 use HEESSANEE TRANSMISSOMETER WET BULB (၁ (၁ SALINITY L Tape/Diskette ID ORY BULB 15W29AUG9B1524 ¥ ¥ GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM Œ HX213 § DATE JD= DAY FUOR JD/TIME PRI. TEMP. LONGITUDE 083 5911012 71N 162 51 START DOWN AT SURFACE AT DEPTH DATA ON TIMES 8 PPESSURE LATITUDE ₹ PET HE 36.5 8.3 10. Alpha Helix TYPE & SN 9 PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 10 Ŋ 9 æ 0

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bex 1 WHIT'S NOTR. 1 × × × 1 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 耔 BOTTOM DEPTH THE STATION DESIGNATION Ξ MAX. DEPTH = EE EE Cleaned air bleed valve REMARKS % WE CLOUD (amt)
TYPE
MEATHER SAL 100 M (m/s) SAMPLE BOTTLE SALINITY WIND DIPN. DATA (ded) File Name/Header SEA STATE VISIBILITY 4 Wares 350 034 DATA LOCATION (mb) 340ss344 TRANSMISSOMETER WET BULB S S SALINITY Tape/Diskette ID ORY BULB ပ္ ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 8 ፵ 8 W3 9 A UG HX213 § DATE JD= DA≺ FUGR JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE AT DEPTH TAT TAT DATA ON 011.08N167 TIMES PESSUR LATITUDE ₹ TRIP DEPTH 8 Alpha Helix TYPE & SN E PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL POS. 9 12 O က S 9 Φ

WHIT'S NUTR. Ε STA. NAME/ID 78 NICO ( SAMPLE BOTTLE NUMBER 딩 SPD. CC ODD (& MIL)

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(MIL) STATION DESIGNATION MAX. DEPTH = <u>₹</u> Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE DATA MIND SALINITY 000 (deg) File Name/Header VISIBILITY Waves ooo show. SEA STATE DATA LOCATION (mb) PPESSURE TRANSMISSOMETER WET ပ္ SALINITY Tape/Diskette ID ORY BULB <u>ဂ</u> 野野 TIME (GMT) CTD CONVERTED MONITOR VALUES 1 SEC. TEMP PROJECT & LEG CHIAM æ Œ 73 N/6805.94W29 AUGO HX213 Ş DATE JD= DA√ FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH \_ |-|-|-DATA ON TIMES 8 HESSUR LATITUDE Z S 8558 TRIP DEPTH 8 26. Alpha Helix TYPE & SN 9 PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 10 12 S 9 æ 0

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WHIT'S NUTH. 471M16014 Ε NAME/ID STA. SAMPLE BOTTLE NUMBER A H 占 SPD. CCOUD (amt) STATION DESIGNATION MAX. DEPTH = <u>E</u> Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE SALINITY WIND DIFIN DATA (deg) File Name/Header wares 000 1.2 m SEA STATE VISIBILITY 085 DATA LOCATION (mb) **HUESSAUJE** TRANSMISSOMETER WET ပ္ပ SALINITY 0 Tape/Diskette ID SHE BUB ပ္ပ H W TIME (GMT) CTD CONVERTED MONITOR VALUES 9 SEC. TEMP PROJECT & LEG CHIAM 3.657W29AUG9BI Œ HX213 Ş DATE JD= DAY FUOR JD/TIME PRI. TEMP. LONGITUDE Z S START DOWN AT SURFACE TAGE L AT DEPTH DATA ON TIMES 8 PESSUE 7 V N LATITUDE Z 987518W 8 TRIP DEPTH 461 30 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 10 12 <del>-</del> S ဖ œ 6

Of little air at top

5001N84 WHIT'S NUTR. Ε STA. NAME/ID SAMPLE BOTTLE NUMBER WIND CC CO BEPTH DEPTH 녌 0 STATION DESIGNATION MAX. DEPTH = <u>E</u> REMARKS Cleaned air bleed valve SAL. 148611000 1515HO SAMPLE BOTTLE DATA MIND SALINITY (deg) File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) Ø 900 **BHESSONE** Marie TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY 40 Tape/Diskette ID PH BULB <u>ဂ</u> 08851819121.4011/681/61.215TWJ9191000181/9318 H MN TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM ¥ HX213 Ş DATE JD= DAY HUOH / JD/TIME PRI. TEMP LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON <u>/</u>84 9 TIMES PHESSURE LATITUDE S 0,0 7// 19.8 OEPTH PEPTH 9 Alpha Helix TYPE & SN E E PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC P.S. 12 = ς, **6** r 9 1 8 Q

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PRI TEMP	SEC. TEMP	SALINITY	SALINITY	SAL, NUTR, CHL. NUT	WHIT'S
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00 WHIT'S NUTR. NAME/ID SAMPLE BOTTLE NUMBER 딩 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = REP. REMARKS Cleaned air bleed valve SPOUD (amt)
VEATHER SAL. (<del>m/s)</del> SAMPLE BOTTLE WIND JAN SALINITY DATA (ded) File Name/Header 1.5% VISIBILITY 000 SEA STATE DATA LOCATION (mb) TRANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette ID PAY BULB <u>ဂ</u> E WILL GMT) 0 CTD CONVERTED MONITOR VALUES G 9 8 2 1 SEC. TEMP PROJECT & LEG CHIAM ¥ HX213 ₽ DATE JD= 9/4 W2 9/0 DAY FUGH. JD/TIME PRI. TEMP. LONGITUDE Z ∑ START DOWN AT SURFACE AT DEPTH \<u>\</u> DATA ON 09/05/8/3/5/13/9/N/168 TIMES 8 HESSUR LATITUDE **Z** 50.7 TRIP DEPTH N 2.9 8 30. Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN **VESSEL** SONSC CAST POS. 0 7 9

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VESSEL Alpha Helix		8		PROJEC HX213	PROJECT & LEG HX213	. ,	3	Weres	0 %	5,9	STATIC	ON DESIG	STATION DESIGNATION		,
	LATITUDE	LONGITUDE		DATE JD=		TIME (GMT)	DRY BULB	WET	SEA STATE	VISIBILITY D WIND P W W	WIND SPD.	CLOUD (amt) TYPE WEATHER	ВОТТОМ		STA. NAME/ID
DEG	Mil	DEG M		DAY MO	¥	¥ ¥	(0,)	<sup>(၁)</sup>	a	(ded)	(s/uu/s)	*	(m)	-	
0925835.	3 4 N	16823.93 W29	93 W	O A	G 9 8 7	125/	7		055	6000	у 0	872	5	5	800
СТО	<u> </u>	TIMES	JD/TIME	Ę.			٥	DATA LOCATION	ATION		**	REMARKS	S		
TYPE & SN	<u> </u>	DATA ON		1	<u> </u>	Tape/Diskette ID	ette ID	Ē	e Name	File Name/Header	'		-		
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COND SN	₹	AT SURFACE	1			. 23	à				343	MAX. DEPTH	EPTH =		ш
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POS. TRIP DEPTH	rin (d		CTD CONVERT	VERTED MO	ED MONITOR VALUES	VLUES		L - Daze		SAMPLE BOTTLE DATA	ОПЕ	SAM	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	<u> </u>	PRI. TEMP.	<b>a</b> .	SEC. TEMP		<b>S</b>	SALINITY		SALINITY	>	SAL.	NUTR.	GHL.	WHIT'S NUTR.
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SPD. CLOUD (A FILE)
SPD. CLO STATION DESIGNATION 1200 $\widehat{\mathbb{E}}$ P. ter(S) WIND DIPN. 000 (ded) SEA STATE YTIJIBIRIV DATA LOCATION (mp) Prod 34055344 WET BULB ပ္ <u>δ</u> PULB BULB <u>ဂ</u> 1.05 W29 AUG982202 M H TIME (GMT) PROJECT & LEG Œ HX213 Ş DATE JD= DAY LONGITUDE Z ≅ 9 10 V N LATITUDE Z ≅ 0935835 9 Alpha Helix VESSEL CAST

REMARKS

File Name/Header

Tape/Diskette ID

JD/TIME

TIMES

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START DOWN

DATA ON

TYPE & SN

PRESS SN TEMP SN

АТ ОЕРТН

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	PAR	RUOR	ChIAM	TRANSMISSOMETER	Cleaned air bleed valve	leed valv	e		
		CTD CONVERTE	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA	SAME	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	NOTR.	동	WHIT'S NUTR.
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WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NETEN REMARKS Cleaned air bleed valve SP WMS (amt).
CLOUD (amt).
WEATHER SAL. (<del>+m/</del>s) SAMPLE BOTTLE WIND DIPN. SALINITY (ded) DATA File Name/Header 000 VISIBILITY 05/5/6 SEA STATE DATA LOCATION (mb) Waves TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID DAY BULB ပ္ NE H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG 0 8 W30 A U G 9 8 0 CHAM 吳 HX213 8 DATE JD= DAY **E** JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH **€** DATA ON 7N/68 TIMES 9 HESSER LATITUDE 09/15/8/30.6 20.6 10.2 30.2 TIRIP DEPTH 4 8 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL SONSC CAST PS. 10 <del>-</del> 9 œ 0

PG OF \_

WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 63× 유 BOTTOM DEPTH STATION DESIGNATION WIND (amt)  $\widehat{\mathbf{E}}$ MAX. DEPTH = SE SE Cleaned air bleed valve REMARKS SAL. telas. SAMPLE BOTTLE QNIM SALINITY (deg) DATA File Name/Header SEA STATE VISIBILITY DATA LOCATION (mb) waves 000 TRANSMISSOMETER WET BULB <del>ပ</del> SALINITY 3 DRY BULB Tape/Diskette ID <u>ဂ</u> 000 H M TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 8 ድ 32 M30 A UG HX213 2 DATE JD= DAY HOOF H JD/TIME PRI. TEMP. LONGITUDE Z START DOWN 1 834 AT SURFACE AT DEPTH DATA ON A E TIMES 8 PRESSURE 09515826.00N LATITUDE Z TRIP DEPTH 5.01 30 8 Alpha Helix R TYPE & SN E E J PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST POS. 9 7 <del>-</del> S 8 9 6

PG OF \_

WHIT'S NUTH. STA. NAME/ID Ε SAMPLE BOTTLE NUMBER 占 STATION DESIGNATION  $\widehat{\mathbf{E}}$ MAX. DEPTH = NET NET REMARKS Cleaned air bleed valve 8772 SAL (SJAH 664634013 SAMPLE BOTTLE SALINITY MIND DATA (ded) 340 1.2m File Name/Header SEA STATE VISIBILITY DATA LOCATION (mp) BUCSSINGE Waves TRANSMISSOMETER WET BULB <u>(</u> SALINITY Tape/Diskette ID ORY BULB ပ္ <u>w</u> E H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 19 W 30 A U G 9 8 Ŧ HX213 Ş DATE JD= DAY ESP. JD/TIME PFI. TEMP. LONGITUDE Z ₹ START DOWN 168139 AT SURFACE AT DEPTH TA DE DATA ON TIMES 8 PRESSURE N N LATITUDE Z S OEPTH HIVE 60.2 9 31.6 8.00 Alpha Helix TYPE & SN 6 PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC 8 0 12 -က S 9 ø 6

169 W/C/15 STA. NAME/ID R AD WIND COPE HER BOTTOM (s) (s) (s) STATION DESIGNATION PG REMARKS 064163401484 WIND DIRN (deg) SEA STATE VISIBILITY U (mb) DATA LOCATION 0 **FRESSURE** 340 WET Coare <u>(၃</u> DRY BULB ပ္စ ¥ E TIME (GMT) 0 PROJECT & LEG 1 W 3 0 A U G 9 8 Œ .HX213 8 DATE JD= DAY JD/TIME LONGITUDE Z 12.06N168 TIMES 8 LATITUDE Z ∑ DEG Alpha Helix E E VESSEL CAST

File Name/Header

Tape/Diskette ID

START DOWN

AT DEPTH

DATA ON

TYPE & SN

PRESS SN

TEMP SN

COND SN	N.	AT &	AT SURFACE					MAX. DEPTH =	:PTH =		E
TEMP SN	Z,		1/2	HUOR H	ChlAM	TRANSMISSOMETER	Cleaned air bleed valve	eed valv	e		
POS.	TRIP		1	CTD CONVERTE	CTD CONVERTED MONITOR VALUES	S4	SAMPLE BOTTLE DATA	SAME	SAMPLE BOTTLE NUMBER	LE NUMI	HH .
20		PRESSURE		PRI. TEMP.	SEC. TEMP	SALINITY	SALINITY	SAL.	NUTR.	불	WHIT'S NUTR.
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WHIT'S NGTR. STA. NAME/ID ε SAMPLE BOTTLE NUMBER 占 SPD. CC OD (amt) STATION DESIGNATION MAX. DEPTH = NE SE REMARKS Cleaned air bleed valve SAL. 63301687 SAMPLE BOTTLE SALINITY WIND DIPN. DATA (ded) File Name/Header SEA STATE 000 DATA LOCATION (mp) TRANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette ID DAY BULB ပ္ ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC, TEMP PROJECT & LEG CHIAM 02.38 W30 A UG9 8 س HX213 8 DATE JD= DAY FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE PAR D AT DEPTH DATA ON 691 TIMES 8 PRESSURE N 58.008586 LATITUDE TENP DEPTH 9 Alpha Helix TYPE & SN E E PRESS SN COND SN TEMP SN TEMP SN 5 VESSEL SONSC CAST POS. 9 12 -5 9  $\boldsymbol{\omega}$ 6

WHIT'S NUTH. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 占 BOTTOM DEPTH STATION DESIGNATION META. MAX. DEPTH = REMARKS Cleaned air bleed valve S WEATHER
WEATHER SAL. 0656330188 HTTS) SAMPLE BOTTLE DATA SALINITY WIND (deg) File Name/Header 330 VISIBILITY SEA STATE DATA LOCATION (mb) Lares HEESSANDE TRANSMISSOMETER WET BULB ပ္ပ SALINITY Tape/Diskette ID PHZ BULB <u>(၃</u> **E** TIME (GMT) |W30|A|U|G|9|8|05|K CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG ChIAM ۶ HX213 ₽ DATE JD= DAY FUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE Z Z Z AT DEPTH DATA ON 5 TIMES PHESSURE 905121516 8 N LATITUDE ₹ TIPIL DEPTH 6 2 8 24.4 Alpha Helix TYPE & SN Ê PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 10 12 4 2 ဖ 6 Ø

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. SPD. CCLOUD (&mit) 占 STATION DESIGNATION MAX. DEPTH = NOTH. REMARKS Cleaned air bleed valve SAL SAMPLE BOTTLE SALINITY WIND DIFIN 00 DATA (ded) File Name/Header SEA STATE VISIBILITY 000 DATA LOCATION , U. (mp) Mares TRANSMISSOMETER WET BULB 250 <u>ဂ</u> SALINITY Tape/Diskette ID PAY BUB <u>(၃</u> ¥. E GMT) CTD CONVERTED MONITOR VALUES 6 W 3 O A U G 9 8 O X SEC. TEMP PROJECT & LEG HX213 CHIAM Œ ₹ DATE JD= DAY AFUOR HEUGH JOTTIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAH DATA ON 60 9 TIMES PHESSURE È LATITUDE TRIP DEPTH 8 Alpha Helix TYPE & SN S PRESS SN COND SN TEMP SN **TEMP SN** Q **VESSEL** CAST <u>&</u> 7 0 <del>-</del> Ŋ 9 Φ 0

WHIT'S NOTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. シンク 占 WIND OF HE SPD. CZ PUB DEPTH STATION DESIGNATION MAX. DEPTH = NGTH. E Cleaned air bleed valve REMARKS SAL (m/s) 70 SAMPLE BOTTLE 000 WIND DIRN. SALINITY (deg) DATA File Name/Header SEA STATE VISIBILITY 0 DATA LOCATION (mp) 8 BUCCESCHE TRANSMISSOMETER WET <u>(၃</u> SALINITY Tape/Diskette ID DRY BULB ပ္စ NE NE GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM W30 A UG9 8 뜻 HX213 Ş DATE JD= DA≺ FLOGR JD/TIME PRI. TEMP. LONGITUDE <u>Z</u> START DOWN 16939 AT SURFACE AT DEPTH DATA ON ₽₩ TIMES 路 HESSUR Z Q LATITUDE **Z** れったと PEPTH H 9 Alpha Helix TYPE & SN Ę PRESS SN COND SN 29, TEMP SN TEMP SN VESSEL CAST P.S. 12 10 <del>-</del> 9 œ 6

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WHIT'S NOTR. E NAME/ID SAMPLE BOTTLE NUMBER STA. 占 SPD. CLOUD (AMIN) STATION DESIGNATION MAX. DEPTH = E52 Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE SALINITY WIND DIPN. DATA 000 (deg) File Name/Header SEA STATE VISIBILITY DATA LOCATION (mp) Names 350 TRANSMISSOMETER WET SALINITY ပ္စ 10 Tape/Diskette ID ပ္ ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChlAM 06 W 30 A U G 9 B ¥ HX213 ₹ DATE JD= DAY FUOR **JD/TIME** PRI, TEMP. LONGITUDE START DOWN N/20 52 AT SURFACE AT DEPTH PAH DATA ON 8 TIMES HESSIE LATITUDE 449 Alpha Helix TYPE & SN f PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST ģ 10 12 Q ξ, (C) 9 ~ æ

WHIT'S NUTR. V V V V Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 方 BOTTOM DEPTH STATION DESIGNATION SEE SEE MAX. DEPTH = REMARKS Cleaned air bleed valve S WINCLOUD (amt)
WEATHER 38 022872 SAL. (m/e) SAMPLE BOTTLE DATA WIND DIRN. SALINITY (deg) File Name/Header 1.5 m VISIBILITY SEA STATE DATA LOCATION (mb) Warso TRANSMISSOMETER WET BULB (S) SALINITY Tape/Diskette ID ORY BUB (°C) ¥ E TIME (GMT) 16325.0 7W 31 A U G 9 8 / 6 0 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM Œ HX213 ₹ DATE JD= DAY FUOR JD/TIME PRI. TEMP. LONGITUDE  $\leq$ START DOWN AT SURFACE AT DEPTH PAR DATA ON 9 TIMES HESSER 0357/5.89 N LATITUDE **Z** OEPTH PETH 9 9 22 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 12 -S 9 œ 6

WHIT'S 40NCID Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 동 MIND OUD (amt)

OU OUD (amt)

WEATHER

WEATHER STATION DESIGNATION MAX. DEPTH = <u>E</u> Cleaned air bleed valve REMARKS SAL. 34022 SAMPLE BOTTLE MIND SALINITY DATA (ded) File Name/Header Sun VISIBILITY SEA STATE DATA LOCATION (mb) BHCSSURE TRANSMISSOMETER 0000 WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID PR BUB <u>(၃</u> Ö 100 **≥** TIME (GMT) CTD CONVERTED MONITOR VALUES 壬 SEC. TEMP PROJECT & LEG 다 장 정 0 W 3 / A U G 9 8 旡 HX213 8 DATE JD= DA∀ FUOR JD/TIME PRI. TEMP. 30. LONGITUDE START DOWN AT SURFACE AT DEPTH Æ Æ DATA ON 045720.53N163 TIMES 9 PRESSURE LATITUDE **Z** TRIP DEPTH 7.6. 980 50 Alpha Helix TYPE & SN PRESS SN £ COND SN TEMP SN TEMP SN VESSEL CAST POS. 10 12 8

WHIT'S NUTH. 500MC08 E NAME/ID SAMPLE BOTTLE NUMBER STA. 占 SPD. CLOUD (AMIL) STATION DESIGNATION MAX. DEPTH = NETH. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE 634021 SALINITY WIND DIRN. DATA (deg) File Name/Header SEA STATE VISIBILITY DATA LOCATION 1.5 (mb) TRANSMISSOMETER 0 WET ပ္ပ SALINITY Tape/Diskette ID DRY BULB ပ္ 5 GMT) S CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM ထ Œ .04W31 AUG9 HX213 § DATE JD= DAY AETOON A JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH <u>/</u>₽ DATA ON TIMES 8 HESSUR z LATITUDE 055725.12 ₹ OEPTH DEPTH 9.8 9 30 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST SS. 10 12 Ξ Ŋ မှ œ 0

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WHIT'S NUTR. 0 N C O C Ε NAME/ID SAMPLE BOTTLE NUMBER 무 SPD. CLOUD (amt)

SPD. CLOUD (amt)

\* MEATHER

\* (m) 6 STATION DESIGNATION MAX. DEPTH = SE SE Cleaned air bleed valve REMARKS 8772 SAL SAMPLE BOTTLE SALINITY WIND DIRN. (ded) DATA 500 File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) Waves TRANSMISSOMETER 0000 WET BULB <u>(၃</u> SALINITY Tape/Diskette 1D ORY BULB ပ္ ¥ E GMT) 4 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM س 5W31 AUG98 HX213 9 DATE JD= DAY TENSE / JD/TIME PRI. TEMP. 0 LONGITUDE Z START DOWN AT SURFACE AS AS 298N1632 AT DEPTH DATA ON 9 TIMES PRESSURE LATITUDE **Z** 46.0 TRIP DEPTH 9 0657 2/0 0 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN CONSC VESSEL CAST ģ 0 12 Ξ S 9 œ 0

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VESSEL						PROJECT & LEG	LEG	2	Wares	. (	STATIC	STATION DESIGNATION	SNATION		
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CAST #	LATITUDE	JOE	LONGITUDE	TUDE	DATE	JD=	TIME (GMT)	DRY BULB	WET E	SEA VISIE DIRIN	D WIND I. SPD.	CLO	BOTTOM DEPTH		STA. NAME/ID
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SS.	TRIP DEPTH			CIDO	ONVERT	CTD CONVERTED MONITOR VALUES	R VALUES			SAMPLE BOTTLE DATA	ВОТПЕ ГА	SAMF	SAMPLE BOTTLE NUMBER	LE NUM	BER
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WHIT'S アクシアン ٤ NET NET NAME/ID SOTTLE NUMBER STA. Р 耔 WIND OF WEATHER SPO. C PREATHER SPO. C PREATHER BOTTOM CNCO STATION DESIGNATION MAX. DEPTH = 5  $\widehat{\mathbb{E}}$ PG REMARKS "- and valve 777 (s/HF) WIND (deg) File Name/Header SEA STATE VISIBILITY S DATA LOCATION (dm) alanos **HPESSUPE** 8 WET BUEB <u>ဂ</u> Tape/Diskette ID ORY BUB ပ္ 7043 ¥ TIME (GMT) PROJECT & LEG 80 4 6 NO 4 W31 A UG98 Œ HX213 Ş DATE JD= DAY CTD CONVER FLUOR JD/TIME PRI. TEMP LONGITUDE ⋛ START DOWN AT SURFACE PA AT DEPTH -5CN/63/ DATA ON 8 TIMES PRESSURE 15.8 1.4 LATITUDE 0 ₹ Ġ 085734 TRIP DEPTH 9 Alpha Helix 0 0 TYPE & SN £ PRESS SN 0 COND SN TEMP SN TEMP SN CAST VESSEL SS 12 Ŋ 9 œ 6

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VESSEL Alpha Helix			-7	<u>u 1</u>	PROJECT & LEG HX213	LEG	7	Warres	2.0 m	STATIC	N DESIG	STATION DESIGNATION		
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WHIT'S NUTR. ε NAME/ID SAMPLE BOTTLE NUMBER STA. Р 된 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = <u>R</u> D D REMARKS Cleaned air bleed valve W WEATHER
WEATHER SAL. (m/s) SAMPLE BOTTLE WIND DIRN. DATA SALINITY 300 File Name/Header SEA STATE VISIBILITY DATA LOCATION (mp) TRANSMISSOMETER WET BULB ပ္ပ SALINITY 2 Fape/Diskette ID PHZ BUB ξ Q AUG 9 8 0 0 3 2 ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 吳 5ep 98 HX213 ₹ DATE JD= DA√ JD/TIME A WOR 01577461.0411143021.35Wol PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH Ag/ DATA ON TIMES 9 HESSUR LATITUDE Z ATT DEFINE Alpha Helix TYPE & SN 9 PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 0 <del>-</del> 7 ന 4 ß 9 ~ œ 6

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WHIT'S NUTR. Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NETS. REMARKS Cleaned air bleed valve WIND (amt)
TYPE
TYPE
TYPE SAL. Co Texas SAMPLE BOTTLE SALINITY WIND DIRN. DATA (ded) File Name/Header Sim SEA STATE VISIBILITY DATA LOCATION W (mb) **LEESSONEE** TRANSMISSOMETER Car 000 WET BULB <u>(၃</u> SALINITY Tape/Diskette ID DRY BULB <u>ဂ</u> ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 8 Œ HX213 W 0 / W 20 6 Q ≥ DATE JD= DAY ALVOR. JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SUBFACE AT DEPTH DATA ON <u>P</u> TIMES 8 HESSHE LATITUDE Z HIP DEPTH 9 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CONSC VESSEL CAST Š 10 <del>-</del> 12 S 9 8 6

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 支 WIND WIND (amt)

SPD. CLOUD (amt)

TYPE

(m)

(m) STATION DESIGNATION MAX. DEPTH = <u>E</u> Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE DATA WIND DIRN. SALINITY 8346350 (deg) File Name/Header 13.00 h VISIBILITY SEA STATE DATA LOCATION (mb) Dares 0 TRANSMISSOMETER 0 WET <del>(</del>) SALINITY 8 Tape/Diskette ID BULB 품 (C) ₹ 38 WD / SEP980257 GMT) CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG ChIAM 吳 HX213 ᢓ DATE JD= DA≺ FUGR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH 145450 85 N/675 PAR DATA ON TIMES 8 HESSER LATITUDE **Z** TRIP DEPTH 8 20.0 Alpha Helix TYPE & SN 5 PRESS SN 36, COND SN TEMP SN TEMP SN CAST VESSEL ģ 9 12 -9 œ Q ហ

STA. P. STATION DESIGNATION PG ESSONEE WET H TIME PROJECT & LEG HX213 Alpha Helix CAST VESSEL

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SP C	(pats)	8/					ı	d air b	ome	<b>\</b>												
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0 WHIT'S NUTR. ٤ NAME/ID STA. SAMPLE BOTTLE NUMBER 유 WIND WIND OUR BOTTOM SPD. CLOPTH DIPN. STATION DESIGNATION MAX. DEPTH = <u>K</u> REMARKS Cleaned air bleed valve 817 SAL. (Ferts) 0000 SAMPLE BOTTLE DATA SALINITY (deg) File Name/Header VISIBILITY SEA STATE Ś DATA LOCATION Daves (gm) Ø TRANSMISSOMETER WET <u>ဂ</u> SALINITY Tape/Diskette ID PH BULB TIME (GMT) CTD CONVERTED MONITOR VALUES £ SEC. TEMP PROJECT & LEG S E P 9 8 W ChIAM Œ HX213 8 DATE JD= DAY HUOH H JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAS DATA ON N/62 TIMES 9 PRESSURE LATITUDE TRIP DEPTH 2,0 8 Alpha Helix TYPE & SN Ę PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL Š 10 12 G ထ

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. WIND OUD (AMI)

SPD. CLOD (AMI)

(m)

(m) 耔 STATION DESIGNATION MAX. DEPTH = NETS. Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE WIND DIRN. SALINITY DATA (deg) File Name/Header VISIBILITY 350 900 SEA STATE DATA LOCATION (gm) **BUCKSOME** TRANSMISSOMETER WET BULB SALINITY ပ္ပ Tape/Diskette 1D PHG Balls <u>ဂ</u> ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 8 Œ SEP HX213 8 DATE JD= THE LOOP DAY JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH 1/E DATA ON TIMES PHESSURE z LATITUDE <u>Z</u> TRIP 8 5 TYPE & SN Alpha Helix 5 TEMP SN PRESS SN COND SN TEMP SN CAST VESSEL POS. 10 12 6 9 ထ ß

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER SPD. CLOUD (& mt)

\*\*AMIND OUD (& mt)

\*\*AMIND STATION DESIGNATION MAX. DEPTH = <u>E</u> Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE DATA WIND DIRN. SALINITY (deg) 8456330 File Name/Header 25 M SEA STATE VISIBILITY DATA LOCATION (mp) TRANSMISSOMETER WET BULB ပ္ပ SALINITY Tape/Diskette ID PH BULB <u>ဂ</u> 0 Z GMT) 18 80 8 3 CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG CHAM Œ WOON SEP HX213 ₹ DATE JD= DA≺ TEMOSE TEMOSE JD/TIME PRI. TEMP. LONGITUDE Z ₹ START DOWN AT SURFACE AT DEPTH DATA ON TIMES 8 PRESSURE 16 S1823. 49 N LATITUDE Z S DEPTH DEPTH 536 8 6.0. 20,6 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL ģ 0 = 12 9 **œ** 0 S

WHIT'S NUTH. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 된 WIND
OUD (AMIN)
OUD (AMIN)
OUTOW STATION DESIGNATION MAX. DEPTH = E E REMARKS Cleaned air bleed valve SAL. 33020 SAMPLE BOTTLE DATA MIND SALINITY (deg) DIRN File Name/Header 2.0 m SEA STATE VISIBILITY 855 DATA LOCATION Warr (mb) 3500 TRANSMISSOMETER WET BULB SALINITY <u>ပ</u> Tape/Diskette ID ORY BUB Z TIME (GMT) CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG ChIAM SEP98 Œ HX213 8 DATE JD= DA≺ FUGH JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH HAT. DATA ON 155832.82 N/62 TIMES 9 PRESSURE LATITUDE Ø. Alpha Helix TYPE & SN 5 PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL <u>S</u> 10 12 \_\_ œ 6 ß 9

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27 CNEKI7 WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER 돱 BOTTOM DEPTH STATION DESIGNATION NGTH. (m) MAX. DEPTH = REMARKS Cleaned air bleed valve WIND CLOUD (amt) TYPE WEATHER 273 SAL. (parts) KK 156 01 17 SAMPLE BOTTLE SALINITY MIND (deg) DATA DIRN. File Name/Header (on VISIBILITY SEA STATE DATA LOCATION (mb) Ó TRANSMISSOMETER 2000 WET BULB ပ္ SALINITY 1/8 5834.3 3N/16/5-6.78WO/SEP982/23/0.2 Tape/Diskette ID BULB 품 ပ္ပ ¥ £ GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM ፫ HX213 8 DATE JD= DA≺ ARUOR A JD/TIME PRI. TEMP. LONGITUDE Z ∑ START DOWN AT SURFACE AT DEPTH P. P. DATA ON TIMES 8 PHESSURE LATITUDE <u>Z</u> 8 2.0 4 53 B Ó B Alpha Helix TYPE & SN 6 PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL 8 12 10 = c Ģ æ 6 2

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WHIT'S NUTR. 28CMEX1 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. CLOUD (&mt)
WEATHER
BOTTOM
THER STATION DESIGNATION MAX. DEPTH = (m) <u>E</u> REMARKS Cleaned air bleed valve SAL. (mrts) WIND SPD.G 11/12 PO 1 5 SAMPLE BOTTLE DATA SALINITY WIND JAPA (deg) File Name/Header Com. VISIBILITY SEA STATE (mb)|#| P DATA LOCATION 0 300 TRANSMISSOMETER WET BULB (၃ (၃ SALINITY Tape/Diskette ID PUB BUB <u>(၃</u> 0 195834.30 NJ6/57.26WO/SEP9821491 <u>¥</u> TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM ¥ HX213 ₹ DATE JD= DA≺ AEUOR JD/TIME PRI. TEMP. LONGITUDE <u>₹</u> START DOWN AT SURFACE AT DEPTH DATA ON PAR TIMES 9 **FIESSURE** 155 0.0 n 7 3 LATITUDE <u>Z</u> 9 0 و W 0 Alpha Helix TYPE & SN 5 PRESS SN COND SN **TEMP SN** TEMP SN VESSEL CAST Š 10 12 \_\_ က S 9 7 œ 6

WHIT'S NUTR. 44CN 6X/ Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 동 WIND

WIND

WIND

OU OUD (amt)

TYPE

WEATHER

(m) STATION DESIGNATION MAX. DEPTH = <u>R</u> REMARKS Cleaned air bleed valve 98763003087788 SAL. SAMPLE BOTTLE MIND SALINITY (deg) DATA DIR. File Name/Header 300° 2.5m VISIBILITY SEA STATE Wares DATA LOCATION (mb) BUCSSBU4 TRANSMISSOMETER WET BULB ပ္ပ SALINITY Tape/Diskette ID PHG BUEB ပ္ပ 文 0 0 0 <u>₩</u> GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 205824.8 7N/1204.87W02SEP98 ¥ HX213 **Q** DATE JD= DAY FUGR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON 9 TIMES PRESSURE LATITUDE ₹ 7 10.04 8 O Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN **TEMP SN VESSEL** CAST S S 10 12 Ξ æ Θ 6 က ß

49 CN EX / WHITS Ε REP. NAME/ID SAMPLE BOTTLE NUMBER STA. Ь WIND COUD (&MIN)

OD. CLOUD (&MIN)

(M)

(M) 걸 STATION DESIGNATION MAX. DEPTH = ESE. REMARKS Cleaned air bleed valve 151817 SAL. SAMPLE BOTTLE DATA SALINITY MIND 9846330 (deg) OHN. 5.0 File Name/Header SEA STATE VISIBILITY DATA LOCATION Waves (mp) 33007 **BUNSSBU** TRANSMISSOMETER WET BULB SALINITY ပ္ Tape/Diskette ID BULB ပ္ပ ¥ £ 44 WOLZISEP1918/1954 (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM Œ HX213 S DATE JD= DAY A PLOOR JD/TIME PRI, TEMP 07.21 LONGITUDE Z START DOWN AT SURFACE 215824.94N/679 AT DEPTH PA FA DATA ON 8 TIMES PHESSURE LATITUDE 216 JEPTH DEEPTH 4 8 40, Alpha Helix TYPE & SN Ę PRESS SN COND SN TEMP SN **TEMP SN** CONSC VESSEL Š 10 12 Ξ ð Q 9 æ က S

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M WHIT'S NUTH. Ε DXJND NAME/ID STA. SAMPLE BOTTLE NUMBER Р 占 STATION DESIGNATION <u>E</u> MAX. DEPTH = Pa REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND DIRN. SALINITY 1981111818 DATA (deg) File Name/Header S VISIBILITY Waves 1. **SEA** STATE DATA LOCATION (mb) **3408334**6 TRANSMISSOMETER WET BULB SALINITY <u>ဂ</u> ন ৯ Tape/Diskette ID BUB 苦 <u>ဂ</u> 2458/5159N/27/7102WQ2SEP982104 ₹ TIME (GMT) CTD CONVERTED MONITOR VALUES £ SEC. TEMP PROJECT & LEG ChIAM Œ HX213 § DATE JD= DAY FUGH **JD/TIME** PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH \<u>\</u> DATA ON 8 TIMES HESSUR LATITUDE **Z** 318 20.4 8 Alpha Helix TYPE & SN £ PRESS SN COND SN **TEMP SN** TEMP SN CAST VESSEL P.OS. 10 12 Ξ 6 S ဖ æ

WHIT'S NUTR. 2000EX ٤ NAME/ID STA. SAMPLE BOTTLE NUMBER WIND COUD (AMIN) 耔 STATION DESIGNATION MAX. DEPTH = SEE. REMARKS Cleaned air bleed valve 3 to 12 SAL. 3 SAMPLE BOTTLE DATA SALINITY MIND (deg) 4 6 4 6 B 8 6 1.5/ File Name/Header 330 /c SEA STATE VISIBILITY DATA LOCATION (mb) TRANSMISSOMETER WET BULB SALINITY ပ္ Tape/Diskette ID A Bala <u>(၃</u> 23158061216116227.03161862181619182216 ¥ TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM 뜻 HX213 S DATE JD= DAY HONE! JD/TIME PRI TEMP LONGITUDE Z START DOWN AT SURFACE AT DEPTH PAH DATA ON TIMES 9 HESSLIE LATITUDE  $\leq$ E OFFIH PEPIH 9 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN 5 VESSEL CONSC POS. 10 12 Ξ G ဖ œ r, က ^

WHIT'S NUTR. O C C C X Ε STA. NAME/ID NEXOS SAMPLE BOTTLE NUMBER 珨 SPD. CLOUD (amt) MAX. DEPTH = EEEE. PG STATION DESIGNAT REMARKS Cleaned air bleed valve SAL. 2000 SAMPLE BOTTLE SALINITY WIND DIPN. (deg) DATA File Name/Header SEA STATE VISIBILITY DATA LOCATION (mb) 330 TRANSMISSOMETER WET <u>ဂ</u> SALINITY Tape/Diskette ID ORY BUB ပ္ပ do 245759122N/6234.571WO2SEP982323 ¥ £ GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 뜻 HX213 ₹ DATE JD= DA≺ FLVOR JD/TIME PRI TEMP. LONGITUDE Z S START DOWN AT SURFACE AT DEPTH PA PA DATA ON 8 TIMES PHESSURE LATITUDE **Z** DEPTH 3 2 Alpha Helix TYPE & SN 5 PRESS SN COND SN **TEMP SN** TEMP SN CAST VESSEL S. 10 \_ 12 ဖ Φ 6 Q ည

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WHIT's 9/16NEX19 NEXOG Ε NETS. NAME/ID SAMPLE BOTTLE NUMBER Р WIND GENTS

COLOUD GENTS

TOPE

\* MEATHER

(m) a 占 STATION DESIGNATION MAX. DEPTH = <u>E</u> PG 7 REMARKS Cleaned air bleed valve SAL 1881 SAMPLE BOTTLE WIND J. N. H. J. (deg) SALINITY 6330 DATA File Name/Header 5 VISIBILITY 12 200 / S SEA STATE DATA LOCATION 756 (mb) TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID BULB 뚬 ပ္ <u>₹</u> TIME (GMT) 2575759 B 57 N 16234.4 GW 075 E P 9 82 8 4 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 뜻 HX213 g DATE JD= DAY AFLUGH HUGH JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH <u>₹</u> DATA ON 9 TIMES PHESSURE LATITUDE OEPTH OFFPTH 2 3 4 Alpha Helix TYPE & SN 6 PRESS SN TEMP SN COND SN TEMP SN VESSEL CONSC Š 10 12 <del>-</del> 9 Ø 6 ß

WHIT'S NUTR. Ε NEXOS NAME/ID アルマン SAMPLE BOTTLE NUMBER STA. 유 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = SEE. /5 REMARKS Cleaned air bleed valve S MI CLOUD (amt) TYPE MEATHER 330/45872 SAL. (parts) SAMPLE BOTTLE DATA WIND DIRN. SALINITY (ded) 4 File Name/Header SEA STATE VISIBILITY O 766 DATA LOCATION 3 330 (mb) **BUCSSAUPE** TRANSMISSOMETER WET BULB ပ္ပ SALINITY Tape/Diskette ID PH BUB <u>(၃</u> 265757132416234162445 TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM  $\mathcal{F}$ HX213 QV DATE JD= DAY HUOR! JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON 9 TIMES PRESSURE 26.0 24.0 LATITUDE 7 500 Alpha Helix TYPE & SN S E 7 0 PRESS SN TEMP SN COND SN **TEMP SN** 0 VESSEL CAST Š 0 12 Ξ ထ 6 ည မှ Q က

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WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER Ю 支 COUNTY OF THERE SOTTOM STATION DESIGNATION MAX. DEPTH = EE SE <u>ო</u> Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE WIND DIPN. SALINITY (deg) DATA File Name/Header VISIBILITY SEA STATE 8.4 DATA LOCATION (dm) TRANSMISSOMETER WET BULB <del>စ</del> SALINITY Tape/Diskette ID SUEB BUEB 275741.53 N/6307.53 WO 3SEP19 82059 <u>₹</u> GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM Œ HX213 Q DATE JD= DA≺ A FUGA JD/TIME PRI. TEMP. LONGITUDE **Z** START DOWN AT SURFACE AT DEPTH <u>\</u>\$ DATA ON 9 TIMES PHESSURE LATITUDE 293 0,0 Alpha Helix TYPE & SN 5 PRESS SN COND SN **TEMP SN** TEMP SN CAST VESSEL SS. 10 = 12 S ဖ

WHITS NAME/ID 1501100 STA. SAMPLE BOTTLE NUMBER P 굼 WIND COOD (SIMILATIVE BOTTOM (M) STATION DESIGNATION MAX. DEPTH = NE 2 prad cucopa REMARKS Cleaned air bieed valve SAL. 29010 SAMPLE BOTTLE DATA SALINITY MIND (ded) File Name/Header SEA STATE VISIBILITY 1.5m 0 DATA LOCATION (qm) TRANSMISSOMETER BULB WET SALINITY ပ္စ 3/0 48 Tape/Diskette ID BUB 出 <u>ဂ</u> TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG 16367.61 WOSSEP982 CHAM ⊊ HX213 Ş DATE JD= DAY L/FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH A PAG DATA ON TIMES 9 **PHESSURE** N2741.47N 30 LATITUDE Z TAIP DEPTH 9 Alpha Helix TYPE & SN £ PRESS SN COND SN **TEMP SN TEMP SN** VESSEL CONSC

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CONGRUCE   DATE JD-   TIME   DRY   WET   CONTROLLES   DATE JD-   CONTROLLES   DATA ON   TABLE DOTTOR   SALINITY   SALIN			N	PROJECT & LEG HX213	<u>.</u>				STATION [	DESIGNA'	NOI	
DEG   MN   DAY   NO   15   MN   CC    (mD)   . (deg)   (m/s)     (m)   MN   MN   MN   MN   MN   MN   MN   M	<u>u</u>	·		<u>П</u>	TIME	c)			NIND CLOUD (amt)	<b>MENTHER</b>	MOTT	STA.
A ON  Tape/Diskette ID File Name/Header  RTDOWN  PETH  NAX. DEPTH =  ANX. DEPTH =  CID CONVENTED MONITOR VALUES  PRI. TEMP. SEC. TEMP SALINITY SALINITY  CID CONVENTED MONITOR VALUES  PRI. TEMP. SEC. TEMP SALINITY  SA	7		*	MO X	W W	++	E ~	(deg)	m/s)	1.1	<u> </u>	7
A ON  RT DOWN  PEPTH  JUPFACE  TO CONVEHTED MONITOR VALUES  PRI TEMP.  SEC TEMP  SEC TEMP  SALINITY  SALIN	N.	TIMES			2	Ī	A LOCATIC		<u> </u>	WARKS		
PEPTH  URFACE  TO CONVERTED MONITOR VALUES  PRI, TEMP.  SEC. TEMP  SEC. TEMP  SALINITY  SALINITY  SALINITY  SALINITY  SALINITY  SALINITY  SALINITY  CHI.		DATA ON		-	Tape/Disk	ette ID	File Na	me/Header		83		
PEPTH  UNDER CID CONVERTED MONITOR VALUES  PRI, TEMP.  SEC. TEMP  SALINITY		START DOV	NW.			ŧi.						
ANY. DEPTH = ANY. DEPTH = SAMPLE BOTTLE NUM		AT DEPTH	p v		,						\$20 -	
CTD CONVERTED MONITOR VALUES  SAMPLE BOTTLE NUMBER SAMPLE BOTTLE NUMBER SAMPLE BOTTLE NUMBER SALINITY  PRI. TEMP. SEC. TEMP SALINITY SAL. NUTR. CHI.		AT SURFAC	Ж						MA	X. DEPTI		<b>.</b>
CTD CONVERTED MONTOR VALUES  SAMPLE BOTTLE NUM  DATA  PRI, TEMP. SEC. TEMP SALINITY SAL. NUTR. CHL.		(Z	E CODE			TRANSMISSON	METER	Cleaned	air bleed	valve		
PRI TEMP.         SEC TEMP         SALINITY         SALINITY         SALINITY         CHL           1         1         1         1         1         1           1         1         1         1         1         1           1         1         1         1         1         1         1           1			CTD CONVER	RED MONITOR	VALUES		1 sy	SAMPLE BOT DATA		SAMPLE	SOTTLEN	UMBER
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	STATION DESIGNATION		CLOUD (amt)	*	46	REMARKS				MAX. I	Cleaned air bleed valve	SA	SAL.		1			ļ							
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	l 🥎 📑	`-	BEINSSELLE	(mp)	70	DATA LOCATION	File Name/Header				æ	W													
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5	PROJECT & LEG	-	S	Œ	9 8	·	<del> </del>		I		ChIAM	TOR V	SEC, TEMP										-		
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	  ਜ਼ੁ	Alpha Helix		88	30515	СТО	TYPE & SN	PRESS SN	TEMP SN	COND SN	TEMP SN			30	2	d	6	7	7	2	20	7	7		
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VESSEL Alpha Helix	-			PROJECT & LEG HX213	LEG		230 0.5	, K	STATIC	ON DESIG	STATION DESIGNATION		
•	LATITUDE	LONGITUDE	DE DATE	=Or 3	TIME (GMT)	DRY	WET BUIB	SEA STATE VISIBILITY D WIND	WIND SPD.	CLOUD (amt) TYPE WEATHER	~ <u>~</u> ~		STA. NAME/ID
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POS. TRIP DEPTH		1	CTD CONVER	CTD CONVERTED MONITOR VALUES	R VALUES			SAMPLE BOTTLE DATA	отп.е.	SAMI	SAMPLE BOTTLE NUMBER	LE NUM	BER
ı	PPESSURE		PRI. TEMP.	SEC	SEC. TEMP	SA	SALINITY	SALINITY		SAL.	NOTR	涺	WHIT'S NUTR.
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WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 목 WIND WIND (\$ )

SPD. CLOUD (8 mt)

SPD. CLOUD (8 mt)

A CLOUD (8 mt)

A CLOUD (8 mt) STATION DESIGNATION MAX. DEPTH = <u>E</u> ଘ REMARKS Cleaned air bleed valve SAL. 23000 SAMPLE BOTTLE SALINITY WIND DIPN. DATA (deb) File Name/Header SEA STATE VISIBILITY , <u>o</u> , v DATA LOCATION (dm) 2200 **HAESSONAE** TRANSMISSOMETER WET BULB SALINITY ပ္ပ Tape/Diskette ID PRY BULB GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 9 WOS SEP HX213 8 DATE JD= DA≺ PLUOR JD/TIME PRI. TEMP LONGITUDE START DOWN AT SUPFACE MPAR M AT DEPTH DATA ON TIMES 200 HESSUR z LATITUDE 302/33 0,00 OFFE HENTH 7 % 0.77 4.70 5 Alpha Helix TYPE & SN 65 PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 12 10 <del>-</del> ო ည 9 8 6

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WHITS ٤ NCTR. NAME/ID SAMPLE BOTTLE NUMBER STA. SPD. CLOUD (ann) 유 STATION DESIGNATION MAX. DEPTH = NETS. REMARKS Cleaned air bleed valve 2190101518172 SAL SAMPLE BOTTLE SALINITY WIND DIRN. (deg) DATA 05/2 File Name/Header SEA STATE
VISIBILITY DATA LOCATION 2300 (mb) wave TRANSMISSOMETER WET BULB SALINITY ် DRY BULB Tape/Diskette ID ပ္ပ H MIN GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChIAM 9 8 矢 D WOSEP HX213 DATE JD= DAX FLUOR JD/TIME PRI, TEMP. CONGITUDE START DOWN AT SURFACE AT DEPTH A H DATA ON TIMES PRESSURE LATITUDE DEPTH るられ 29,00 & Alpha Helix TYPE & SN g PRESS SN COND SN **TEMP SN TEMP SN** CAST VESSEL 8 10 12 <del>-</del> æ 6 വ ø

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WHIT'S NUTR. ٤ NAME/ID STA. SAMPLE BOTTLE NUMBER Р ND WIND (AMI)

SPD (AMI)

SPD (AMI)

AMIND (AMI)

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AMIND (AMI) 유 STATION DESIGNATION MAX. DEPTH = <u>E</u> PG REMARKS Cleaned air bleed valve SAL SAMPLE BOTTLE SALINITY WIND (deg) DATA File Name/Header 6.5% SEA STATE VISIBILITY DATA LOCATION Compos (qm) 3300 TRANSMISSOMETER ပ္ပ SALINITY DHY BULB Tape/Diskette ID (GMT) CTD CONVERTED MONITOR VALUES 690000 W QS S E P 9 80 5 Ŧ SEC. TEMP PROJECT & LEG ChIAM Œ HX213 § DATE JD= DAY 1 FLUOR JD/TIME PRI. TEMP LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON Æ 9 TIMES PRESSURE LATITUDE HE HE HP Alpha Helix TYPE & SN 6 PRESS SN NS GNOO TEMP SN TEMP SN CAST VESSEL ģ 10 12 2 \_ σ, 0 ന 9

WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 줌 WIND OF PER SOTTOM SPD. CI PER BOTTOM STATION DESIGNATION MAX. DEPTH = ES. D D REMARKS Cleaned air bleed valve 2800082 SAL. (deg) (m/s) SAMPLE BOTTLE WIND DIFIN. SALINITY DATA File Name/Header SEA STATE VISIBILITY 4000 DATA LOCATION (mb) TRANSMISSOMETER WET BULB SALINITY <u>ဂ</u> PHO BULB Tape/Diskette ID GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG HX213 CHAM SWO SEP98 ۳ 2 DATE JD= DAY AFLOR JD/TIME PRI. TEMP LONGITUDE START DOWN AT SURFACE 0EG |6355 AT DEPTH PAR DATA ON TIMES FESSUR Z 135565MIN LATITUDE OEPTH DEPTH Alpha Helix TYPE & SN 6 PRESS SN 2 COND SN 26 TEMP SN **TEMP SN** 0 VESSEL CONSC Š 10 12 \_ 6 Ŋ 9  $\boldsymbol{\omega}$ 

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	LATITUDE	· .	SITUDE		· · · · · · · · · · · · · · · · · · ·	TIME (GMT)	DRY BULB		SEA STATE VISIBILITY		CLOUD (An			TA. ME/ID
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AT SUPFACE  AT SUPFACE  AT SUPFACE  AT SUPFACE  AT SUPFACE  AT SUPFACE  ANX. DEPTH = MAX. DEPTH = STATE NOTION VALUES  AND CONVERTED MONITOR VALUE		START DO	NW				ùr '							
AT SUPFACE   AT SUPFACE   Cleaned at Integrated   Cleaned at Integrated   Cleaned at Integrated   CTD CONVERTED MONITOR VALUES   SAMPLE BOTTLE   SAMPLE BOTTLE   SAMPLE BOTTLE   SAMPLE BOTTLE   SAMPLE BOTTLE   CTD CONVERTED MONITOR VALUES   SALINITY   SALINITY   SALINITY   CALINITY		AT DEPTH												
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WHIT'S NUTR. ٤ STA. NAME/ID SAMPLE BOTTLE NUMBER WIND WIND (amt)

SPD. CLOUD (amt)

(a)

(b)

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(d) 불 STATION DESIGNATION MAX. DEPTH = SEE. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE DATA WIND DIRN. SALINITY (deg) File Name/Header 0.5 m SEA STATE DATA LOCATION (mp) TRANSMISSOMETER 2600 WET SALINITY ပ္ Tape/Diskette ID OFFY BULB TIME (GMT) CTD CONVERTED MONITOR VALUES Ŧ SEC. TEMP PROJECT & LEG W@ | S | E | P | 9 | 8 | ChIAM HX213 8 DATE JD= DA√ FUOR JD/TIME PRI TEMP LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON TIMES THESSURE Z 3 5 5 5 5 5 6 5 8 LATITUDE 8 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 10 12 Ξ 2 œ 6 9