WHITS Ε REP. NAME/ID STA. SAMPLE BOTTLE NUMBER 된 WIND OF PEATON SPD. CONTOM STATION DESIGNATION E MAX. DEPTH = NGR. REMARKS Cleaned air bleed valve SAL. (m/s) 0 0 0 0 0 0 SAMPLE BOTTLE MIND SALINITY DATA (deg) File Name/Header SEA STATE VISIBILITY DATA LOCATION 0 (mb) 36088366 THANSMISSOMETER WET BULB ပ္ 0 SALINITY Tape/Diskette ID <u>₹</u> (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM HX210 JJJ 8 2m/ 4 NG9 \$ Œ ₽ DATE JD= DAY HEUOH JD/TIME PRI. TEMP. LONGITUDE CAL 36.95 N 1664 4 START DOWN AT SURFACE T PAR AT DEPTH DATA ON TIMES FIESSURE LATITUDE TRIP DEPTH Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN 200 CAST **VESSEL** 8 8 10 -12 ო S 9 8 0

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15/2 WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER 300 오 34181001817411187 STATION DESIGNATION MAX. DEPTH = NETA. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND DIPN. (deg) SALINITY DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION 6 (mp) **THANSMISSOMETER** WET BULB ပ္ပ SALINITY Tape/Diskette ID OAY BUB <u>₹</u> TIME (GMT) 36 2195191611116854164W171A10G98202 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG - CHIAM HX210 022 Œ Ş DATE JD= DAY HONE JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SUPFACE AT DEPTH 1 PMR DATA ON 8 TIMES **FRESSURE** LATITUDE S TRIP DEPTH 8 Alpha Helix TYPE & SN 6 PRESS SN COND SN TEMP SN TEMP SN CAST **VESSEL** 8 10 12 Ø က S 9 8 6 7

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WHITS NAME/ID STA. SAMPLE BOTTLE NUMBER WIND WIND GOTTOM

SPO. CLOCK

SPO. CLOCK

(A)

(A) 옷 88114CELOOS STATION DESIGNATION MAX. DEPTH = <u>K</u> REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND DIRN. (deg) SALINITY DATA File Name/Header (3) VISIBILITY VISIBILITY > 60.7 DATA LOCATION 40 WET BUTE ပ္စ SALINITY DRY BUB Tape/Diskette ID ¥ E 3081515151711/6185141621W1711019918121087 GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM CCC 中央XH Œ ₹ DATE JD= DA≺ # HERON JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SUPFACE AT DEPTH ¥ DATA ON 9 TIMES MESSURE LATITUDE S DEPTH DEPTH 8 Alpha Helix TYPE & SN 0 £ PRESS SN COND SN TEMP SN TEMP SN SONSC VESSEL CAST 8 10 12 Ξ Ø ო S 9 Φ 6

WHIT'S NUTH. E NAME/ID STA. SAMPLE BOTTLE NUMBER 오 550 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = (m) SE SE REMARKS Cleaned air bleed valve SAL. 80808 (m/s) SAMPLE BOTTLE SALINITY (deg) DATA File Name/Header ω^{J} SEA STATE VISIBILITY DATA LOCATION ďо (dm) ሳ THANSMISSOMETER WET BULB SALINITY PH BUB Tape/Diskette ID 1<u>2</u>12 H H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG 3095608.05N16855.03W17AUGO32 CHIAM HX210 222 Œ 2 DATE JD= DAY HUOR JD/TIME PRI. TEMP. LONGITUDE S START DOWN AT SURFACE PAR AT DEPTH DATA ON 9 TIMES HESSUR LATITUDE **₹** TRIP DEPTH Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST 88 0 12 N ო S 9 œ 6

Pas WHIT'S NOTA NAME/ID SAMPLE BOTTLE NUMBER 耔 BOTTOM DEPTH STATION DESIGNATION (m) MAX. DEPTH = NGTA. REMARKS WIND (amt)
CLOUD (amt)
MEATHER Cleaned air bleed valve SAL 800387 (m/s) SAMPLE BOTTLE WIND DIPIN SALINITY (deg) DATA File Name/Header 200 VISIBILITY SEA STATE DATA LOCATION (mb) 10% **THANSMISSOMETER** WET SALINITY ORY BULB Tape/Diskette ID 130 W117 AUG9 12229 ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAN HXPTO 222 § DATE JD= DAY HODE! JD/TIME PRI. TEMP. LONGITUDE ₹ 305tst1131915tn/168674 START DOWN AT SURFACE T PAR AT DEPTH DATA ON 8 TIMES HESSUR LATITUDE Z TAIP DEPTH 8 Alpha Helix TYPE & SN Ê PRESS SN TEMP SN NS QNOO TEMP SN CAST VESSEL S 0 12 -ന 9 00 6

WHIT'S NUTR. E NAME/ID STA. SAMPLE BOTTLE NUMBER 됩 WIND WIND OUR BOTTOM SPD. CEPTH /3/ STATION DESIGNATION PCL(m) MAX. DEPTH = <u>E</u> REMARKS Cleaned air bleed valve SAL. 087 (m/s) SAMPLE BOTTLE (deg) SALINITY Q DATA File Name/Header SEA STATE VISIBILITY 0.0 DATA LOCATION (mp) TRANSMISSOMETER 10 WET BULB ပ္စ SALINITY Tape/Diskette ID ¥ £ 5088889111/W/17/W/12 (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX210 222 ₹ DATE JD= DAY RETOR JD/TIME PRI. TEMP. LONGITUDE START DOWN 306561717171 N/KB15B AT SURFACE The second AT DEPTH DATA ON 8 TIMES HESSEL LATITUDE Z TRIP DEPTH 8 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL SONSC CAST P.S. 10 12 N - G S 9 8 6

WHITS NAME/ID STA. SAMPLE BOTTLE NUMBER 동 REMARKS 344 BOTTOM DEPTH STATION DESIGNATION Ξ MAX. DEPTH = **E** Cleaned air bleed valve SAL. 180 (m/s) SAMPLE BOTTLE WIND DIPN. SALINITY (ded) DATA File Name/Header \s\, VISIBILITY SEA STATE 0 DATA LOCATION (mb) Ø #THANSMISSOMETER WET J <u>(၃</u> SALINITY . Page Burb Tape/Diskette ID 35 7 56 0 9 13 3 10 68 4 7 1.9 4 W/ 81 A U G 9 \$ 1000 4 ¥ E GMT) CIT CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX240 DZZ ¥ ₹ DATE JD= DAY HOOH JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH RAG L DATA ON TIMES HESSHE LATITUDE Z JEPIH DEPTH 8 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN **TEMP SN** CAST VESSEL S. 10 12 က 9 0 = ۵

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1900 WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER MAX. DEPTH = 355 오 WIND WIND OF HE BOTTOM DIPN. SPD. CI P MED DEPTH <u>0</u> 0 STATION DESIGNATION E <u>K</u> REMARKS Cleaned air bleed valve SAL. (m/s) なからので、 SAMPLE BOTTLE DATA (deg) SALINITY File Name/Header VISIBILITY 0.0 SEA STATE DATA LOCATION (mb) #PRANSMISSOMETER 140 WET BUEB ပ္ SALINITY Tape/Diskette ID Ð₹ <u>ဂ</u> ¥ £ 308 56 0 2 87 N/16 846.46W/KA A UG 9 30/139 (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG HCHAM HX210 222 Œ § DATE JD= I wanted DAY JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE 7 PAR AT DEPTH DATA ON 8 TIMES HESSUR LATITUDE <u>Z</u> THIP DEPTH 8 アロの Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST 8 10 12 N က 4 5 9 8 0

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WHITS Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 유 COUD (amt)
WEATHER
DETTO 522 STATION DESIGNATION Ξ MAX. DEPTH = NGTA. REMARKS Cleaned air bleed valve SAL. SPD. (m/s) 4281001S SAMPLE BOTTLE MIND SALINITY DATA (deg) P File Name/Header 0 SEA STATE VISIBILITY DATA LOCATION 100 (mb) BUCSSBUU **HEANSMISSOMETER** WET BULB SALINITY Tape/Diskette ID ori BUG ¥ £ 309 6557136 N/6843.66W/8AUGOBOBOBS TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG SHAM HX210 JJJ ₹ DATE JD= DAY HOOH. JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE **X** AT DEPTIH DATA ON 9 TIMES HESSUR LATITUDE Z OEPTH DE 9 Alpha Helix TYPE & SN 6 PRESS SN OND SN TEMP SN TEMP SN SONSC VESSEL CAST POS 10 12 Ξ ~ က 4 S ထ 8 6

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PROJECT & LEG HX246 2.22 HX246 2.22	DATE	DAY MO YR HR MIN (°C) (°C) (mb) (deg) (m/s) (m)	26.45W18AUG981620 7.3 1.1723 0 9 4 11 14/20	JD/TIME 99 DATA LOCATION REMARKS 795	Tape/Diskette ID File Name/Header	NWO		ACE MAX. DEPTH = 300 m	RELICAR CHIAM TRANSMISSOMETER Cleaned air bleed valve	CTD CONVERTED MONITOR VALUES SAMPLE BOTTLE NUMBER DATA	PRI TEMP. SEC. TEMP SALINITY SALINITY SAL. NUTR. CHL. NUTR.											
PROJECT & LEG HX 219 222	- d	MIN DAY NO YR HR	G 9 \$ 1 6	JD/TIME		START DOWN	ЕРТН	AT SURFACE		CTD CONVERTED MONITOR VALUES						99						
VESSEL Aloha Helix	CONSC CAST # I ATITUDE	22	31115407.98N16		TYPE & SN DATA ON	PRESS SN STAR	TEMP SN AT DEPTH	COND SN AT SU	TEMP SN	POS. TRIP DEPTH	PRESSURE	1	2	3	4	5	9	7	8	0	10	

F P P WHITS E STA. NAME/ID E E SAMPLE BOTTLE NUMBER 됩 192 BOTTOM EPIH H STATION DESIGNATION Έ MAX. DEPTH = <u>E</u> 00 REMARKS Cleaned air bleed valve S WIND (amt)
CLOUD (amt)
TYPE
MEATHER SAL (m/s) Ø SAMPLE BOTTLE WIND DIPN. SALINITY 0 (deg) DATA File Name/Header 050 SEA STATE VISIBILITY DATA LOCATION 00 (mb) BUCSSBUU **IPAMSMISSOMETER** WET ပ္ SALINITY Tape/Diskette ID ORY BULB ပ္ 11/6/6/23.48/W/18/a/UG9/8/16/49 ¥ E (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX210 222 Œ Ş DATE JD= DAY HODE HOBE JD/TIME PRI, TEMP. LONGITUDE Z START DOWN AT SURFACE AT DEPTH \<u>₹</u> DATA ON TIMES HESSUE LATITUDE Z 125407 TAIP DEPTH 9 Alpha Helix TYPE & SN ß PRESS SN SOND SN TEMP SN TEMP SN VESSEL CONSC CAST POS. 0 12 N က S 9 ^ œ 0

WHIT'S NUTR. E NAME/ID STA. SAMPLE BOTTLE NUMBER 옾 BOTTOM DEPTH STATION DESIGNATION (E) MAX. DEPTH = EEE S S WIND CLOUD (amt)
TYPE
WEATHER REMARKS Cleaned air bleed valve SAL. (m/s) 0 SAMPLE BOTTLE DATA WIND DIPN. SALINITY 0 (ded) File Name/Header 0.8 VISIBILITY SEA STATE DATA LOCATION 2700 (qm) **HPESSURE** THANSMISSOMETER WET BUSE ပ္ SALINITY Tape/Diskette ID ORY BUB ତ୍ର <u>¥</u> GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG HX210 JJJ 13/54/0161.33 N/16/22013/01/8 AUG98 Œ ₽ DATE JD= DAY #100x JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH 1 A A A DATA ON 8 TIMES **HESSUR** LATITUDE THE DEPTH 9 Alpha Helix TYPE & SN E PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL 8 10 12 -N ന ß 9 œ 6

VESSEL				E PE	PROJECT & LEG	g			١	STATI	STATION DESIGNATION	SANATION OF	7	
Alpha Helix		-		HXS	も222		_	Ì	0.000	_	10	2		
CONSC CAST	LATITUDE	FONG	LONGFIUDE	DATE JD=	11	TIME (GMT)	DRY	WET WET	SEA STATE YISIBILITY DIRN'N	WIND SPD.	CLOUD (amt) WEATHER	BOTTOM DEPTH		STA. NAME/ID
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TYPE & SN		DATA ON				Tape/Diskette ID	ette ID	File	File Name/Header					
PRESS SN		START DOWN	 ¥							<u> </u>				
TEMP SN		АТ ОЕРТН								1				
COND SN		AT SURFACE	 Ш						ļ		MAX. DEPTH =	PTH=		E
TEMP SN		AST /	E.	HTUOR	ChlAM		TRANSMISSOMETER	OMETER	Cleane	d air bl	Cleaned air bleed valve	je.		
PCS. TRIP DEPTH	- T		CLDCO	CTD CONVERTED M	MONITOR VALUES	ALUES	#41 ** /		SAMPLE BOTTLE DATA	тпе	SAMP	LE BOT	SAMPLE BOTTLE NUMBER	BER
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WHIT'S NUTR Ε NAME/ID アロック STA. SAMPLE BOTTLE NUMBER WIND CLOUD (AMIN)

SPD. CLOUD (AMIN)

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(A) 오 STATION DESIGNATION MAX. DEPTH = NGTA. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND DIPN. SALINITY (deg) DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION (gm) - THEANSMISSOMETER WET SALINITY Tape/Diskette ID DAY BUB do 8/18/0 0 0 8/18/0 <u>₹</u> (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG L CHIAM HX210 222 Œ ₽ DATE JD= DAY + FLUOR JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH 12/2 DATA ON 15540 4 SON/66 9 TIMES **FRESSURE** LATITUDE TRIP DEPTH 92 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CONSC CAST 8 10 12 0 Ξ က Ŋ 9 ø 6

4 625 WHITS E NAME/ID NE SE STA. SAMPLE BOTTLE NUMBER 된 **BOTTOM** DEPTH K STATION DESIGNATION (m) MAX. DEPTH = E E REMARKS Cleaned air bleed valve CLOUD (amt) TYPE WEATHER SAL. MIND (m/s) 0 SP. SAMPLE BOTTLE DATA WIND DIPN. SALINITY (deg) File Name/Header VISIBILITY SEA STATE DATA LOCATION (mp) BESSONE TRANSMISSOMETER WET BULB ပ္ပ SALINITY <u>v</u> Tape/Diskette ID PRUEB BUEB 0 ¥ £ 15141013162 NILLIO19 HW18 AUG981877 GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG Chiam HX210 JJJ Œ ₹ DATE JD= DAY #FLUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE TA TA AT DEPTH DATA ON TIMES 8 HESSUR LATITUDE Z DEPTH DEPTH 9 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL SONSC CAST PQS. 2 ო 4 S Ø 0

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र्थ रा AP25 WHITS E EE S NAME/ID SAMPLE BOTTLE NUMBER 균 SPD. CCOUD (& MIND OF PITHER OF THERE OF THERE OF THERE OF THE OF STATION DESIGNATION MAX. DEPTH = £ 5 REMARKS Cleaned air bleed valve SAL. 000 SAMPLE BOTTLE SALINITY WIND DATA (ded) File Name/Header VISIBILITY SEA STATE DATA LOCATION (gw) 34NSS34H **JIRANSMISSOMETER** WET BUSE ပ္ SALINITY 7.9 Tape/Diskette ID DRY BULB (၃) ¥ E (GMT) CTD CONVERTED MONITOR VALUES 189 W18 A UG 9 814 SEC. TEMP PROJECT & LEG CHAM HX210 222 Œ S DATE JD= DAY HODE T JD/TIME PRI. TEMP. LONGITUDE 3175402.85N/CC07 START DOWN AT SURFACE HE ALL AT DEPTH DATA ON 8 TIMES HESSITE LATITUDE Z TRIP DEPTH 8 Alpha Helix 22 TYPE & SN g PRESS SN SOND SN TEMP SN TEMP SN CAST VESSEL P.CS. 10 12 Ξ ო S ø œ 6

WHITS Ε REP. NAME/ID STA. SAMPLE BOTTLE NUMBER SPD. CLOUD (amil) 된 STATION DESIGNATION MAX. DEPTH = NGTR. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND DIFIN. SALINITY DATA (deg) File Name/Header VISIBILITY SEA STATE DATA LOCATION (mp) ERESSURE THANSMISSOMETER WET BULB 1 ပ် SALINITY DRY BULB Tape/Diskette ID (°C) ¥ E (GMT) 252 N (C (O 4.72 W / 8 A U G 9 \$ 1 8 72 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX210 222 8 DATE JD= DAY TRUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE TAN TO AT DEPTH DATA ON TIMES 8 HESSER LATITUDE 11/0/1/5/8 TRIP DEPTH 8 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL POS. 2 12 -Ø က 4 S 9 œ **O**

APLT WHIT'S NUTH. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 된 33 BOTTOM DEPTH STATION DESIGNATION (E) MAX. DEPTH = 401 **E** REMARKS Cleaned air bleed valve WIND (amt)
CLOUD (amt)
TYPE
FINER SAL. (m/s) SAMPLE BOTTLE DATA SALINITY MIND 0 (deg) File Name/Header SEA STATE VISIBILITY DATA LOCATION (mb) HUESSALUE TRANSMISSOMETER WET BULB SALINITY Tape/Diskette ID DRY (°C) ∇ ¥ £ GMT) 5/9/18/00/01/8/1/9/5/ CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG Hendan HX210 222 8 DATE JD= DAY + PEUCH JD/TIME PRI. TEMP. LONGITUDE START DOWN N 1 660 C AT SURFACE T EAR AT DEPTH DATA ON 8 TIMES HESSIE 195401.03 LATITUDE TIPILD DEPTH 8 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 10 - 12 0 n S 9 œ 6

4P129 WHIT'S NOTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 오 WIND OUD (amt)
YEATHER
WEATHER
DEPTH N N 95 STATION DESIGNATION Έ MAX. DEPTH = **K** REMARKS Cleaned air bleed valve SAL. (m/s) 0 SAMPLE BOTTLE WIND DIPN. SALINITY DATA (deg) File Name/Header YILIBISIV SEA STATE DATA LOCATION (mb) BESSONEE #FRANSMISSOMETER WET ် SALINITY 8.9 Tape/Diskette ID DRY BULB <u>ဂ</u> 3205400.16 N (6558.32W 18 A U G 9 820 13 ¥ E (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX219 222 § DATE JD= DAY Hauon JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE 1<u>8</u> AT DEPTH DATA ON 8 TIMES HESSER LATITUDE Z TINIP DEPTH 8 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST POS. 12 10 Ξ 0 ო 4 S 9 œ 6

WHIT'S NUTR. # Pxo STA. NAME/ID E SAMPLE BOTTLE NUMBER 占 SPD. CCOUD (amil) STATION DESIGNATION MAX. DEPTH = NETA THE REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE MIND SALINITY DATA (deg) File Name/Header SEA STATE VISIBILITY 000 DATA LOCATION (mp) 36088366 - THANSMISSOMETER WET BULB ပ် SALINITY 0 Tape/Diskette ID DRY BUB ပ္ <u>ب</u> ¥ E 5369.25 N/6555.0 2M18 AUGO \$20036 (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG ChiAM HX210 222 £ Ş DATE JD= DAY #CONT JD/TIME PRI. TEMP. LONGITUDE <u>Z</u> START DOWN AT SURFACE A A AT DEPTH DATA ON DEG TIMES HESSH LATITUDE <u>₹</u> TRIP DEPTH 8 Alpha Helix TYPE & SN B PRESS SN NS QNOO TEMP SN TEMP SN CAST VESSEL 8 10 -12 0 က S ဖ œ 6

WHITS STA. NAME/ID RESEA FEET SAMPLE BOTTLE NUMBER SPD. CLOUD (smt) 된 STATION DESIGNATION 1201 NGTA. MAX. DEPTH = REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE MIND SALINITY (deg) DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION (amp) HESSONEE TRANSMISSOMETER WET BULB ပ္ SALINITY 0 Tape/Diskette ID <u>(၃</u> ¥ £ (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM アステキタスプ ቻ § DATE JD= DAY - HAROH JD/TIME PRI. TEMP. LONGITUDE Z 32253116011165531 START DOWN AT SUPFACE DATA ON AT DEPTH 980 TIMES HESSUE LATITUDE Z S OFFIH THE Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST S 10 12 N ന Ξ S 9 0 œ

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WHIT'S NUTH. E NAME/ID AP 3 STA. SAMPLE BOTTLE NUMBER 됩 BOTTOM DEPTH 707 STATION DESIGNATION MAX. DEPTH = NGTA. REMARKS WIND (amt)
CLOUD (amt)
TYPE
HENTHER Cleaned air bleed valve SAL. (m/s) 08005 SAMPLE BOTTLE WIND DIRN. SALINITY (deg) DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) #FRANSMISSOMETER WET ပ္ပ SALINITY Tape/Diskette ID DRY <u>(၃</u> Y Y TIME (GMT) CTD CONVERTED MONITOR VALUES 32358 58 172 NV165 53 148 W 18 10 G 9 8 226 SEC. TEMP PROJECT & LEG CHIAM CCC etaXH ₹ DATE JD= DAY FLUOR JD/TIME PRI TEMP LONGITUDE **Z** START DOWN AT SURFACE AT DEPTH 1 DATA ON TIMES 8 RESSUR LATITUDE S TRIP DEPTH 520 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST **VESSEL** 4 Š 10 12 N S ო 9 8 6 =

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WHITS Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 9 됩 WIND WIND OF ESTOM DIPN. SPD. CC P SEDEPTH 74 STATION DESIGNATION ε MAX. DEPTH = SE SE REMARKS Cleaned air bleed valve SAL. (m/s) 40000 SAMPLE BOTTLE DATA (deg) SALINITY File Name/Header VISIBILITY **SEA STATE** DATA LOCATION (mb) Cost 324 at the sale failed - computer shut down 4 times THANSMISSOMETER WET SALINITY Tape/Diskette ID W 1 8 A U G 9 \$ 223 ¥ E (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAIM HX210 AZZ Œ ₹ DATE JD= DAY THUOR JD/TIME PRI. TEMP. -16555.77 54.77 LONGITUDE START DOWN AT SURFACE N /CK 0 AT DEPTH 125 DATA ON 8 TIMES HESSHE 5357.19 225 52 0 0 D LATITUDE Z TRIP DEPTH 9 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN **TEMP SN** CAST 8 10 12 N -က S 9 œ O)

4023 WHIT'S NOTE STA. NAME/ID SAMPLE BOTTLE NUMBER SPD. CLOUD (AMIN) 1/2 오 STATION DESIGNATION MAX. DEPTH = <u>K</u> REMARKS Cleaned air bleed vaive SAL. 309000 SAMPLE BOTTLE DATA MIND SALINITY (deg) File Name/Header YTUI8ISIV SEA STATE DATA LOCATION (mp) **BUCSSTUBE THANSMISSOMETER** WET BULB <u>(၃</u> SALINITY Tape/Diskette ID OHY BUGB (°C) 9178/18/10/619/8/1/W/16. ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM HX210 222 ۶ S DATE JD= DAY FLUOR JD/TIME PRI. TEMP. LONGITUDE 3/2/6/5/4/01.018/N/1/65/5/8/ START DOWN AT SUPFACE AT DEPTH TA TA DATA ON 9 TIMES HESSUR LATITUDE **Z** TRIP DEPTH DEG Alpha Helix TYPE & SN £ 2 PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL. 8 10 12 N Ξ ന S 4 9 œ 6

WHITS STA. NAME/ID E REP. SAMPLE BOTTLE NUMBER SPD. CLONE BOTTOM

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(A.) (A.) (A.) 꿈 STATION DESIGNATION MAX. DEPTH = £ REMARKS Cleaned air bleed valve SAL SAMPLE BOTTLE WIND 3 60 SALINITY DATA (deg) SE SE File Name/Header VISIBILITY SEA STATE DATA LOCATION 1 (dm) 34nss344 THANSMISSOMETER l WET BULB ပ္ပ SALINITY N W Tape/Diskette ID ORY BULB (°C) 312754601821N167011051M16101010181281918 ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG アスカ draxi ۳ ₹ DATE JD-DA≺ HTUOR | JD/TIME PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH T TANK DATA ON 9 TIMES HESSUE LATITUDE S 8 Alpha Helix TYPE & SN £ PRESS SN TEMP SN COND SN TEMP SN VESSEL CAST 8 10 12 N -ന S ø œ O

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SC	VESSEL Alpha Helix				<u>t</u> Î	CETE DE SE	ים 	_	0	ó	5		りん		
CEC MN			S	<u>.</u>	DATE II.	ď		DRY		VISIBILITY		CLOUD (amt)			TA. ME/ID
13 5 6 2 7 6 1 1 2 2 1 1 1 2 2 1 1	92	NIM NIM	DEG	NE			H MIN	(၁့)				•	ll	Н	
EASIN TIMES JD/TIME 94 DATA LOCATION RBMARKS SS SN STAFT DOWN Tape/Diskette ID File Name/Header MAX. DEPTH= SS SN AT SUPFACE MAX. DEPTH= MAX. DEPTH= DS SN AT SUPFACE SAMPLE BOTTLE DS SN SAMPLE BOTTLE SAMPLE BOTTLE NUM \$6 \$6 SALINITY SALINITY \$6 \$6 SALINITY SALINITY \$6 \$6 \$6 \$6	32854	52.76N	0	188.1	٧	% 6 9	8	•	<i>'</i>	3/3	ี่ส		8	1	
SS SN START DOWN START DOWN SS SN START DOWN START DOWN SS SN START DOWN START	CE3])ar	TIME	66		D'	ATA LOCAI	NOL		REMARK	S)		····
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WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 오 BOTTOM DEPTH STATION DESIGNATION P Έ MAX. DEPTH = <u>R</u> REMARKS Cleaned air bleed valve WIND (amt)
CLOUD (amt)
TYPE
WEATHER SAL. (m/s) 4 SAMPLE BOTTLE WIND SALINITY 0 10 (deg) DATA File Name/Header 400.5 SEA STATE VISIBILITY DATA LOCATION (mb) M **TRANSMISSOMETER** WET ပ္ပ SALINITY Tape/Diskette ID DRY <u>(</u> ¥ GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP 195 W 19 A U G 9 8 00 PROJECT & LEG CHAM HX210 222 Œ 66 S DATE JD= DAY HUGH HOGH JD/TIME PRI. TEMP. LONGITUDE **Z** START DOWN AT SURFACE AT DEPTH A A DATA ON 3295463.67 NICL TIMES 8 HESSUR LATITUDE Z TRIP DEPTH 9 Alpha Helix TYPE & SN 20 7 20 5 PRESS SN COND SN TEMP SN TEMP SN 0 CAST VESSEL POS. 10 12 - 4 S 9 œ 6

WHITS NAME/ID SAMPLE BOTTLE NUMBER STA. 동 18 BOTTOM DEPTH STATION DESIGNATION Ξ MAX. DEPTH = NCTA. REMARKS Cleaned air bleed valve WIND CLOUD (amt) YPPE WEATHER SAL (m/s) 77 SAMPLE BOTTLE DATA WIND no SALINITY (ded) File Name/Header VISIBILITY 3000 SEA STATE DATA LOCATION (mp) **EFESSURE** TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY BULB Tape/Diskette ID . PHQ TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP 0 9 6 0 PROJECT & LEG CHAM HX210 JJJ Œ Ş DATE JD= 0 9 W/9 AU DAY THUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PAG . DATA ON 2 054 04 4 8 N 116 C TIMES **PHESSURE** LATITUDE Z S TRIP DEPTH 9 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š

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POS. TRIP DEPTH	م ۴		5000	ONVERTEC	CTD CONVERTED MONITOR VALUES	VALUES	e e		SAMPLE BO DATA	SAMPLE BOTTLE DATA	SAME	SAMPLE BOTTLE NUMBER	LE NUM	BER
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WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER PF 된 <u>م</u> BOTTOM DEPTH STATION DESIGNATION (E) MAX. DEPTH = ZE SE REMARKS Cleaned air bleed valve WIND CLOUD (amt) PAYT WEATHER SAL. (m/s) SAMPLE BOTTLE <u>0</u> MIND DATA SALINITY (ded) OFN. File Name/Header SEA STATE VISIBILITY 0 DATA LOCATION (mp) PPESSUPE TRANSMISSOMETER WET BULB ပ္ SALINITY ki Ki DRY Tape/Diskette ID GMT) CTD CONVERTED MONITOR VALUES 135 W19 AUG9 802 SEC. TEMP PROJECT & LEG CHIAM HX210 222 Œ S DATE JD= DAY JD/TIME PRI TEMP. LONGITUDE START DOWN 382154 06 138 NIC 626 AT SURFACE AT DEPTH DATA ON 18 TIMES PRESSURE LATITUDE TRIP DEPTH 9 Alpha Helix TYPE & SN G PRESS SN TEMP SN COND SN **TEMP SN** VESSEL CAST S

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TEMP SN	<u>.l</u>	Treat	4	HIUOR	Chiain	7	TRANSMISSOMETER	OMETER	Cleane	Cleaned air bleed valve	eed valv	e/		12
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14 P 12 18 WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 200 占 873 BOTTOM DEPTH STATION DESIGNATION

A P P P MAX. DEPTH = (E) NETA. REMARKS Cleaned air bleed valve S WIND CLOUD (amt)
TYPE
WEATHER 1874 SAL. (deg) (m/s) 10 SAMPLE BOTTLE WIND 0 SALINITY DATA File Name/Header 0 SEA STATE VISIBILITY DATA LOCATION 0 (mp) 34NSS344 TRANSMISSOMETER WET BULB SALINITY Tape/Diskette ID ORY BULB ပ္ပ ¥ E GMT) 0 45 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG **SPIAM** HX219 222 18 N (6626152 W1 9 A U G 9 8 Œ 99 8 DATE JD= DAY A LUCH JD/TIME PRI TEMP. LONGITUDE Z START DOWN AT SURFACE PAR AT DEPTH DATA ON TIMES FIESSUR LATITUDE 34545 TAIP DEPTH 8 Alpha Helix TYPE & SN e E PRESS SN COND SN TEMP SN TEMP SN VESSEL SONSC CAST 8 10 12 - Ø ო S 9 ထ 6

WHITS Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 유 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = Έ <u>K</u> WIND WIND CLOUD (AMIL) REMARKS Cleaned air bleed valve 15872 SAL. (deg) (m/s) SAMPLE BOTTLE <u>0</u>0 SALINITY DATA File Name/Header 0 VISIBILITY SEA STATE DATA LOCATION 0 (gm) 0 0 BHUSSBAH FRANSMISSOMETER WET <u>ဂ</u> SALINITY DRY BULB Tape/Diskette ID ¥ GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX210 222 MANGOR Œ 8 DATE JD= DAY HODE JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH 7 TA DATA ON TIMES HESSUR N N LATITUDE 0 OEPTH DEPTH 33554 Alpha Helix TYPE & SN CTD PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 10 12 -0 က ស 9 6 8

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER 됩 BOTTOM S A DEPTH STATION DESIGNATION **E** MAX. DEPTH = <u>R</u> Cleaned air bleed valve WIND WIND CLOUD (& mt)
CLOUD (& mt)
TYPE
WEATHER REMARKS SAL. (deg) (m/s) SAMPLE BOTTLE SALINITY DATA File Name/Header VISIBILITY 0 SEA STATE DATA LOCATION (mb) 300 0 THANSMISSOMETER WET BULB <u>(၃</u> SALINITY PRQ BUGB Tape/Diskette ID ပ္ပ E E (GMT) CTD CONVERTED MONITOR VALUES 50 W 19 A U G 9 806 SEC. TEMP PROJECT & LEG ChIAM HX210 222 Œ Q ≥ DATE JD= - HUOH DA≺ JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE АТ ОЕРТН TA THE DATA ON 9 TIMES HESSLE LATITUDE OEPTH DEPTH Alpha Helix TYPE & SN PRESS SN COND SN TEMP SN **TEMP SN** VESSEL SONSC CAST 8 10 72 က 2 9 8 6

WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 짚 SPD. CLOUD (amt)
TYPE
WEATHER
DEPTH STATION DESIGNATION (E) MAX. DEPTH = E E E C REMARKS Cleaned air bleed valve SAL (m/s) <u>\(\frac{1}{2}\)</u> SAMPLE BOTTLE WIND SALINITY (ded) DATA 0 File Name/Header SEA STATE VISIBILITY b DATA LOCATION (mb) M **BUNSSBUR TRANSMISSOMETER** WET BULB <u>ဂ</u> SALINITY oriy BULB Tape/Diskette ID H WIN GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM LKE4922 뜻 8 DATE JD= DA∀ HTUOR JD/TIME PRI TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH Z P DATA ON 337 54041961166 TIMES PHESSURE LATITUDE TRIP DEPTH 9 Alpha Helix TYPE & SN E E PRESS SN COND SN **TEMP SN** TEMP SN VESSEL SONSC CAST POS. 10 12 Ξ 7 က S 9 8 6

WHIT'S NUTR. Ε NAME/ID STA. SAMPLE BOTTLE NUMBER SPD. CLOSS (amil) 됩 STATION DESIGNATION MAX. DEPTH = NOTE: REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE WIND SALINITY (deg) DATA File Name/Header 1 SEA STATE VISIBILITY 6 DATA LOCATION (mp) 0 BESSONEE 0 TRANSMISSOMETER M WET ٥ SALINITY ORY BULB Tape/Diskette 1D ¥ E GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX210 JJJ 19 AUG98 Œ № DATE JD= DAY RUOR JD/TIME PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON PAR 9 TIMES PRESSURE z S LATITUDE TRIP DEPTH 33854 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST <u>S</u> 10 12 9 -0 ო 4 Ŋ ~ 8 0

WHIT'S NCTR. NAME/ID 233 SAMPLE BOTTLE NUMBER 동 BOTTOM STATION DESIGNATION MAX. DEPTH = REPEN. REMARKS Cleaned air bieed valve SA (m/s) 3015 SAMPLE BOTTLE WIND JAN SALINITY (deg) DATA File Name/Header S YIUBISIV 0. SEA STATE DATA LOCATION (gu 30 THANSAMSSOMETER WET SALINITY OFTY BULB Tape/Diskette ID 19 A UGO 10 12 133 N H GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG QHA. HXP10 222 Œ ₹ DATE JD= DAY FLOS. JOTIME PRI TEMP. LONGITUDE 3 START DOWN AT SUPFACE AT DEPTH THAT I **DATA ON** 88 TIMES HESSUE z 461 LATITUDE OEPTH DO 88 Alpha Helix TYPE & SN £ PRESS SN TEMP SN SOND SN TEMP SN VESSEL CAST 36 8 12 = N (1) S 4 9 0

WHITS NAME/ID REP. SAMPLE BOTTLE NUMBER HEIPTINE BOTTOM CONT. LAND CORP. 궁 STATION DESIGNATION MAX. DEPTH = RUB REMARKS Cleaned air bleed valve SAL SAMPLE BOTTLE NW. SALINITY Z Z (deg) DATA File Name/Header YIUBISIV 0 SEA STATE mb) DATA LOCATION 8 HESSALFE THANSMISSOMETER WET SALINITY ORY BULB Tape/Diskette ID TIME (GMT) **₹** CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHA HX210 222 8 0 V Œ 8 DATE JD= DAY HUOR JOTTIME PPI. TEMP. LONGITUDE Z START DOWN AT SUPFACE T Age AT DEPTH DATA ON 88 **HESSUE** Z LATITUDE 5404 980 DEPTH E Alpha Helix TYPE & SN g PRESS SN NS QNOO TEMP SN TEMP SN VESSEL CAST 1 ğ ∞ N 3 40 7

WHITS STA. NAME/ID E S SAMPLE BOTTLE NUMBER 궁 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = **E** REMARKS WIND (Amt) CLOUD (Amt) WEATHER Cleaned air bleed valve SAL (s/ш) SAMPLE BOTTLE 100 SALINITY (deg) DATA Z Z File Name/Header YISIBICITY SEA STATE DATA LOCATION (mp) 0 **34**088344 0 **HEANSWISSOMETER** 130 WET WET SALINITY ORY BUB Tape/Diskette ID ¥ £ EME (GME) 19 A U G 9 3083 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM HX210 222 Œ Ş DATE JD-DAY # TOOR JOYTIME PRI TEMP. LONGITUDE START DOWN AT SUFFACE AT DEPTH DATA ON TE ST 8 TARES HESSURE & HUDE OEPTH OEPTH 8 Alpha Helbx TYPE & SN B PRESS SN SOND SN TEMP SN TEMP SN VESSEL CAST g 10 12 Ξ N (1) S œ 9 0

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50 WHITS NAME/ID REFER STA. SAMPLE BOTTLE NUMBER WAND CLOUD (AMIN) O'S SPOT O'S 동 STATION DESIGNATION MAX. DEPTH = ٦ ۵ **E** REMARKS Cleaned air bleed valve SAL SAMPLE BOTTLE DATA WIND DIEN. SALINITY (deg) m File Name/Header **VILIBIEIV** SEA STATE 493 (mb) DATA LOCATION 0 σ THANSMISSOMETER O WET BULB SALINITY m Tape/Diskette 1D TIME (GMT) CTD CONVERTED MONITOR VALUES ACKIEDINIA/WIC SEC. TEMP PROJECT & LEG CHAM HXPIP 222 ¥ ₹ DATE JD= DAY FLUOR JOYTIME PRI TEMP. LONGITUDE START DOWN AT SUPFACE AT DEPTH PMR **DATA ON** 8 TAMES HESSURE z LATTITUDE 254049 880 Alpha Helix TYPE & SN B PRESS SN COND SN TEMP SN TEMP SN **VESSE** CAST æ 10 12 Ę က Ŋ 9 ∞ 0

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0 B WHITS NAME/ID **KE2** STA. SAMPLE BOTTLE NUMBER R 됩 STATION DESIGNATION MAX. DEPTH = **E** REMARKS Cleaned air bieed valve SAL 3018 SAMPLE BOTTLE WIND PR SALINITY (deg) DATA File Name/Header S 00 SEA STATE
VISIBILITY (mp) DATA LOCATION 0 m THANSMISSOMETER WET Ş SALINITY OR¥ BUB Tape/Diskette ID Ş ¥ E TIME (GMT) 9 A U G S 10 PO 3 CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM HX210 422 Œ ₹ DATE JO-DAY FELOR JOTIME PRI TEMP. LONGITUDE ₹ START DOWN AT SUPFACE \$ T DATAON AT DEPTH 8 TAMES HESSUR Z LATITUDE 3 540 TRIP DEPTH 8 Alpha Helix TYPE & SN E PRESS SN COND SN TEMP SN TEMP SN VESSE CAST 8 5 12 = N n S 9 æ 0

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And the second second	LATITUDE	LONGITUDE	DATE JO-	d.	TIME (GMT)	o ř v BUB	WET	SEA STATE	VISIBILITY PASS N. C.	SPO. OLID (ami)	CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH	STA. NAME/ID	98
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STA. NAME/ID WHIT'S NUTR. SAMPLE BOTTLE NUMBER 공 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = METAN SERVICE REMARKS WEATHER CLOUD (ami) SPD. Cleaned air bleed valve SAL. (m/s) 4 SAMPLE BOTTLE DATA WIND SALINITY (deg) NHO NHO File Name/Header 10 SEA STATE VISIBILITY W DATA LOCATION O (qu) 00 THANSMISSOMETER WET M ঠ SALINITY BULB Tape/Diskette 1D .₩ ပ္ N H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HXZIO DAZA W/KIAUGO & Œ Ş DATE JD= DAY FLUOR JOYTIME PRI TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH DATA ON A A 8 HESSIFE Z LATITUDE DEPTH 8 Alpha Helix TYPE & SN E PRESS SN TEMP SN NS QNOO TEMP SN VESSEL CAST S S 0 12 N 9 0 Ξ S 9 ∞

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STA. NAME/ID WHITS **E** SAMPLE BOTTLE NUMBER HIAMO COOLD CORN OF THE BOTTOM (m) 동 G. SETATION DESIGNATION MAX. DEPTH = REP. REMARKS Cleaned air bleed valve SAL SAMPLE BOTTLE ON NEW SALINITY (deg) DATA File Name/Header m SEA STATE VILIBIEIV O DATA LOCATION Ò (dm) W THANSMISSOMETER WET BUEB ္ SALINITY ORY BUB Tape/Diskette ID ¥ E TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG S C Alugal HX219 222 Œ ξ DATE JD= ₽ PRUCH JOTIME PHI. TEMP. LONGITUDE START DOWN AT SUPFACE N. S. DATAON AT DEPTH 8 TIMES HESSUR Z LATITUDE 980 Alpha Helbx TYPE & SN E PRESS SN SOND SN TEMP SN TEMP SN **WESSEL** CAST Š 0 12 - က S 9 8 0

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CAST	LATITUDE	TON	LONGILIDE	DATE JD-		TIME	DRY BUB	WET	SEA STATE	YTUBISIV ON W	SPO OLD GREET	CLOUD (emt) TYPE WEATHER	Воттом Вертн	STA. NAME/ID	2
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