WHIT'S NUTR. E NAME/ID SOED SAMPLE BOTTLE NUMBER STA. 동 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = SE SE REMARKS Cleaned air bleed valve CLOUD (amt) YPE WEATHER 08/18/2 SAL. (m/s) WIND SPD. SAMPLE BOTTLE WIND WHIO SALINITY DATA (deg) File Name/Header 6 VISIBILITY SEA STATE DATA LOCATION (mp) THANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette 1D DRY BULB ပ္ GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM 1 HX248222 58W27AUCO8 ጅ JOYTIME 30299 2 DATE JD= DA≺ HEUOR PRI. TEMP. LONGITUDE Z S START DOWN AT SUPFACE АТ ОЕРТН Z Z DATA ON 16 41 TIMES 9 HESSUR z 5.50 LATITUDE ₹ 5/5/ 300 81 OEPTH OFF 40 8 Alpha Helix 0 0 TYPE & SN Ę PRESS SN COND SN TEMP SN TEMP SN SONSC VESSEL CAST 0 8 10 12 Ξ Ŋ 9 ω 6

WHIT'S NUTH. 2018/25 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER WIND COUD (SETTON)

ODEPTH

(m) 됩 STATION DESIGNATION SROSMAX. DEPTH = EE SE REMARKS Cleaned air bleed valve C 2 C 0 9 0 0 C 787 SAL. SAMPLE BOTTLE WIND DIPN. (deg) SALINITY DATA File Name/Header VISIBILITY ó SEA STATE 000 DATA LOCATION (gm) BEESSONEE **THANSMISSOMETER** 3 WET BULB ပ္ပ SALINITY Tape/Diskette ID PHQ BUB ပ္ 70 NE T GMT) CTD CONVERTED MONITOR VALUES HX2ts チメコカカ SEC. TEMP PROJECT & LEG 0 CPIAM 57 W218 4 4 8 9 8 JD/TIME 50699 Œ Ş DATE JD= DAY FUGA ROBE PRI TEMP LONGITUDE START DOWN 525515129N/686A AT SURFACE AT DEPTH <u>/</u>₽ DATA ON 9 TIMES HESSUR LATITUDE 67 8 30 70 40 Alpha Helix 0 TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN 0 CAST VESSEL POS. 10 12 Ξ 6 2 9 œ

WHIT'S NUTH 445BE104 STA. NAME/ID Ε SAMPLE BOTTLE NUMBER H 당 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = E <u>E</u> REMARKS Cleaned air bleed valve S WIND (&mt)
CLOUD (&mt)
TYPE
APPEND
CLOUD (&mt) 487 SAL. (m/s) 0 SAMPLE BOTTLE SALINITY WIND DIPN. 060 (ded) DATA File Name/Header Waves VISIBILITY SEA STATE DATA LOCATION 0, (mb) 0 PRESSURE 0 **TFANSMISSOMETER** WET BULB SALINITY ပ္ n Tape/Diskette 1D ORY BULB <u>(၃</u> 10.42 TIMES JD/TIME 50699 ¥ E GMT) CTD CONVERTED MONITOR VALUES HX213 HX227 SEC. TEMP PROJECT & LEG CHAM ¥ ₹ DATE JD= DAY 1 Float PRI TEMP LONGITUDE Z START DOWN AT SURFACE AT DEPTH PAR DATA ON 8 HESSURE LATITUDE ₹ OEPTH DEPTH 9 80 0 20 8% 0 Alpha Helix TYPE & SN 65 PRESS SN 0 COND SN TEMP SN TEMP SN VESSEL CAST Š 10 - æ 6 က 2 9

Botom 2-57 - need to correct on file

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٤ 198858 STA. NAME/ID Р SPD. CCPTER BOTTOM (A) STATION DESIGNATION SBSOMAX. DEPTH = PG REMARKS 0500 WIND DIPN. (deg) File Name/Header SEA STATE VISIBILITY S DATA LOCATION Ó (mb) ٥ BHOSSBHH 0 WET BULB ပ္ 3 Tape/Diskette ID ORY BULB ပ္ပ E E (GMT) HXZ13 HX222 PROJECT & LEG 1 W27 AUGSBO JOTIME 50699 Œ 8 DATE JD= DA√ LONGITUDE **Z** START DOWN AT SURFACE N/6/40/ АТ ОЕРТН DATA ON 9 TIMES 0565503.09 LATITUDE Z S DEG Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN CAST VESSEL

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CLOUD (SIMI)
TYPE
WEATHER 04004782 SAL. (m/s) SAMPLE BOTTLE SALINITY (deg) WIND DIPN. DATA File Name/Header 0.5 VISIBILITY SEA STATE DATA LOCATION (mb) 0 0 **BUCSSTUDE** W THANSMISSOMETER WET BUEB ပ္ SALINITY Tape/Diskette ID PAY BUB ပွ ¥ £ (GMT) CTD CONVERTED MONITOR VALUES HX213 HX222 SEC. TEMP PROJECT & LEG 2/7W 484 40 9 8 6 JD/TIME 50699 AGAM AMAM Œ 8 DATE JD= DA≺ L PETON PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON 5.89 NI 635 1 P TIMES 9 HESSUE LATITUDE 057156 8 00 7 Alpha Helix TYPE & SN 6 PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL ģ 10 -12 œ Ω 6 က φ

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SBC 03 NAME/ID SAMPLE BOTTLE NUMBER Я **BOTTOM** DEPTH 9 STATION DESIGNATION MAX. DEPTH = ଘ REMARKS Cleaned air bleed vaive S WE SOUD (amt)
CLOUD (amt)
MEATHER (m/s) • 50 SAMPLE BOTTLE WIND DIPIN. (ded) File Name/Header VISIBILITY 5 ö SEA STATE DATA LOCATION (gm) 0 250 TRANSMISSOMETER WET BULB ပ္ Tape/Diskette ID DAY BULB ပ္ ¥ E (GMT) CTD CONVERTED MONITOR VALUES HX213 HX222 O PROJECT & LEG CHAN CHAN N / 6355-193 W 2844 698
TIMES JOTTIME JUL99 س 8 DATE JD= DAY HUOR H LONGITUDE START DOWN AT SURFACE AT DEPTH PAR DATA ON 9 0595510.67 LATITUDE **Z** TRIP DEPTH 8 Alpha Helix TYPE & SN £ PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL. POS.

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900 Ε NEW FEET NAME/ID STA. SAMPLE BOTTLE NUMBER 동 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = Ë. S WIND (amt)
TYPE
WEATHER Cleaned air bleed valve REMARKS SAL. (m/s) 0 SAMPLE BOTTLE 4220000 SALINITY WIND DATA (ded) File Name/Header Zares 5 VISIBILITY 0 142 SEA STATE DATA LOCATION 2900 (mp) **BUCSSBUU** TRANSMISSOMETER WET BULB ပ္စ SALINITY Tape/Diskette ID ပ္ပ GMT) CTD CONVERTED MONITOR VALUES Hatta HX227 SEC. TEMP PROJECT & LEG SAM SAM JOYTIME JUL99 旡 S DATE JD= DAY A MOR PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH - AS DATA ON TIMES 8 HESSUE z LATITUDE TAIP DEPTH Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 2 Ξ ထ 0

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CAST CAST			 	DATE II	- C	TIME	DRY BUB	35USS389	SEA STATE VISIBILITY	WIND	WIND GAS	CLOUD (amt) PPE REHTAEN	BOTTOM DEPTH		STA. NAME/ID
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сцо		TIMES	JD/TIME		20199		ũ	DATA LOCATION	NOLLY		<u> </u>	REMARKS	S,		
TYPE & SN		DATA ON	:	:		Tape/Diskette ID	cette ID	File	File Name/Header	leader					
PRESS SN		START DOWN	· ·												
TEMP SN		AT DEPTH									!		:		
COND SN		AT SURFACE	ш		9				ļ		_2	MAX. DEPTH =	PTH=		Ε
TEMP SN	2)	T AMB		#TGOR	Ch/AM		TRANSMISSOMETER	SOMETER	L	Cleaned air bleed valve	air ble	ed valv	9		
POS. TRIP DEPTH	eg.		CID	NVERTED	CTD CONVERTED MONITOR VALUES	VALUES			ි ව	SAMPLE BOTTLE DATA	JE	SAMP	LEBOTI	SAMPLE BOTTLE NUMBER	BER
	HESSURE	J. J.	PRI. TEMP	MP.	SEC. TEMP	EMP	y S	SALINITY		SALINITY		SAL.	NUTR.	GIL.	WHIT'S NUTR.
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WHIT'S NUTH. E NAME/ID SAMPLE BOTTLE NUMBER 된 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = Ę. REMARKS Cleaned air bleed valve S WIND (amt)
CLOUD (amt)
WEATHER <u>1</u> & <u>7</u> SAL. (m/s) 2005 SAMPLE BOTTLE SALINITY WIND DIPN. (deg) DATA Sy File Name/Header SEA STATE VISIBILITY 000 <u>n</u> DATA LOCATION (mp) 50 THANSMISSOMETER WET ပ္ပ SALINITY Tape/Diskette ID ပ္ (GMT) CTD CONVERTED MONITOR VALUES HX213 HX227 Ŧ SEC. TEMP PROJECT & LEG 1/2 M 38 A W 8 9 8 C OF TAN ₹ DATE JD= DAY HELLOR PRI. TEMP. LONGITUDE START DOWN AT SUPFACE AT DEPTH 7 F DATA ON TIMES HESSIE z LATITUDE 98.8 00.6 06455 7 27 à Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 12 - 8 6 S 9

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WHIT'S NUTR. 564/0 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 동 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NGTR. Cleaned air bleed valve S WINCLOUD (amt)
TYPE
WEATHER REMARKS SAL. (m/s) <u>0</u> SAMPLE BOTTLE 4x22206801 SALINITY WIND DIFIN. DATA (bap) File Name/Header VIS**IBI**LITY 48 SEA STATE DATA LOCATION 0 (mb) 0 290 **HPANSMISSOMETER** WET BULB ပ္ SALINITY Tape/Diskette ID ORY BULB ပ္ Z GMT) CTD CONVERTED MONITOR VALUES HXETS HX227 Ŧ SEC. TEMP PROJECT & LEG 15/W28 AUGS 86 JD/TIME 50699 CHIAM Œ Ş DATE JD= DAY RUOR PRI TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH PA RA DATA ON TIMES HESSUR LATITUDE PEPTH Alpha Helix TYPE & SN E PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL 8 12 -6 ဖ æ

WHIT'S NUTR. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 유 SPD. CLOUD (AMIL) STATION DESIGNATION NETR. MAX. DEPTH = REMARKS Cleaned air bleed valve SAL (deg) (m/s) SAMPLE BOTTLE SALINITY WIND DATA File Name/Header VISIBILITY 0.5 33 SEA STATE DATA LOCATION (mp) Ø 00 THANSMISSOMETER WET ပ္စ SALINITY Tape/Diskette ID PRG BULB ပ္ <u>₹</u> GMT) CTD CONVERTED MONITOR VALUES 11X213 #X222 SEC. TEMP PROJECT & LEG ChiAM .06 W28 A U 9 9 8 JD/TIME 50699 Ş DATE JD= DA√ A HUOR PRI. TEMP. LONGITUDE START DOWN AT SURFACE 03N/635 AT DEPTH PAR I DATA ON TIMES PRESSURE LATTITUDE Z ≥ TIRIP DEPTH 29,9 Alpha Helix TYPE & SN £ PRESS SN 3 TEMP SN COND SN TEMP SN CAST VESSEL Š 12 _ ဖ œ 6

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VESSEL Alpha Helix			PROJECT & LEG	x227		290	00.5	ALION	SIATION DESIGNATION		58406	92
CONSC CAST * LATITUDE		LONGITUDE	DATE JD=	TIME (GMT)	DRY	WET SOURCE	SEA STATE VISIBILITY D WIND	SPD. CLOUD (amt)	CLOUD (amt) TYPE WEATHER TO THE	BOTTOM	STA. NAME/ID	Ä. E/ID
DEG	B	MIN	DAY NO YR	£	(၁.)	(°C) (mb).	· (deg)	(m/s)	•	(II)		-
205520.46	16 N/635	1.08 W 28 A	6 8	8000	101		42 1400	80	2	74	58406	$\frac{z}{c}$
сIЭ	<u> </u>	JD/TIME	h	6	DA	DATA LOCATION	Z	<u>«</u>	REMARKS			
TYPE & SN	DATA ON		_	Tape/Diskette ID	cette ID	File Na	File Name/Header					
PRESS SN	START DOWN	W										
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COND SN	AT SURFACE	 					[Σ	MAX. DEPTH =	H=		Ε
TEMP SN	T. R&d	五	Huon Ca	Chiam	TRANSMISSOMETER	OMETER	Cleaned air bleed valve	air blee	d valve			
POS. TRIP DEPTH		CTD CO	CTD CONVERTED MONITOR VALUES	OR VALUES			SAMPLE BOTTLE DATA	끨	SAMPLE	ВОТП	SAMPLE BOTTLE NUMBER	5
	HESSUFE	PRI TEMP		SEC. TEMP	SAL	SALINITY	SALINITY	00	SAL. N	NGTR.	R > 2	WHIT'S NUTH.
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Ε STA. NAME/ID R BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = (E) D D REMARKS S WIND CLOUD (amt)
CLOUD (amt)
APATHER (m/s) 2 0 WIND DIRN. (ded) File Name/Header VISIBILITY S SEA STATE DATA LOCATION (mb) Ö 0 BHESSONHE 290 WET ပ္စ Tape/Diskette 1D DRY BULB ပ် <u>Z</u> GMT) ナメカカナ track 乎 PROJECT & LEG J5 W28 AUG9 8 买 8 DATE JD= DAY LONGITUDE START DOWN AT SURFACE AT DEPTH DATA ON TIMES ż LATITUDE 9 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN VESSEL CAST

TEMP SN	N.	PAR	RUOR	ChiAM	TRANSMISSOMETER	Cleaned air bleed valve	leed val	ve		
S.	TRIP		CTD CONVERTED	CTD CONVERTED MONITOR VALUES		SAMPLE BOTTLE DATA	SAM	SAMPLE BOTTLE NUMBER	LE NUM	BER
10		# # # # # # # # # # # # # # # # # # #	PBI TEMP	SEC. TEMP	SALINITY	SALINITY	SAL.	NCTR.	쿵	WHIT'S NUTR.
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WHIT'S NUTR. SBAOK Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 占 **BOTTOM** DEPTH STATION DESIGNATION MAX. DEPTH = SET SET Cleaned air bleed valve REMARKS WIND (Amt)
CLOUD (Amt)
WEATHER SAL. (m/s) 400 SAMPLE BOTTLE SALINITY (deg) MIND DATA File Name/Header VISIBILITY 3 SEA STATE DATA LOCATION (mb) 0 Eare 2900 TRANSMISSOMETER WET BUGB <u>(</u> SALINITY Tape/Diskette ID PRO BUB ပ္ ¥ E (GMT) CTD CONVERTED MONITOR VALUES HXETS HX227 SEC. TEMP PROJECT & LEG CHAM W28 AUGS 吳 JD/TIME JUL99 8 DATE JD= DAY T RLUOR PRI. TEMP. LONGITUDE START DOWN N/63 A 4 AT SUPFACE AT DEPTH PAR DATA ON TIMES HESSUR LATITUDE TRIP DEPTH 20,00 Alpha Helix TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN VESSEL CAST Š 10 12 <u>_</u> ထ 9 4 2

WHIT'S NUTR. STA. NAME/ID Ε SAMPLE BOTTLE NUMBER 된 BOTTOM STATION DESIGNATION MAX. DEPTH = NUTR. REMARKS Cleaned air bleed valve WIND (amt)
OLOUD (amt)
MEATHER SAL. (m/s) 7008 SAMPLE BOTTLE WIND DIRN. SALINITY (deg) DATA File Name/Header VISIBILITY 0.0 SEA STATE DATA LOCATION (mp) 2900 BUCSSBUU TRANSMISSOMETER WET ပ် SALINITY Tape/Diskette ID DRY BULB ပ္စ ō <u>₹</u> GMT) CTD CONVERTED MONITOR VALUES HXETS #X227 SEC. TEMP PROJECT & LEG **OPITATIV** DB WZB AUGOS JOYTIME JUL99 Ş DATE JD= DAY E 1 PRI. TEMP. LONGITUDE START DOWN 575TN/63/9/ AT SURFACE AT DEPTH - Ag DATA ON 9 TIMES FESSUR LATITUDE OEPTH THE 0 8 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL POS. 12 0 _ ß 9 œ 0 ~

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16 ABK WHIT'S NUTR. STA. NAME/ID Ε SAMPLE BOTTLE NUMBER STATION DESIGNATION AO 占 SPD. CCLOUD (amil) MAX. DEPTH = EE5 Cleaned air bleed valve REMARKS SAL. (deg) (m/s) 2002 SAMPLE BOTTLE WIND WHO SALINITY DATA File Name/Header SEA STATE VISIBILITY 901 DATA LOCATION (mp) 0 - THANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette ID AH Bara ပ္ ¥ E (GMT) CTD CONVERTED MONITOR VALUES TXETS FX227 SEC. TEMP PROJECT & LEG 28800 82 2 W 6 2. CHAM A Œ JD/TIME 50699 Ş DATE JD= DAY FILOR PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE 634 AT DEPTH 1 DATA ON 出 TIMES PRESSURE 15 S N LATITUDE Z 745508 25-25.7 255 757 30-100 101 TRIP DEPTH 9 Alpha Helix TYPE & SN \mathcal{O} g PRESS SN COND SN 0 0 TEMP SN TEMP SN 0 9 CAST VESSEL PQ. 9 12 Ξ 2 က 2 φ ø 6

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WHIT'S NUTR. 4058401 Ë NAME/ID SAMPLE BOTTLE NUMBER 유 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NETR. REMARKS Cleaned air bleed valve WIND CLOUD (amt) YPPE WEATHER SAL. (m/s) Ø SAMPLE BOTTLE ONING SENSO SALINITY (ded) DATA 0 . 5m File Name/Header Bowes VISIBILITY SEA STATE 000 DATA LOCATION (mp) **PRANSMISSOMETER** MET BUEB (ပ္ SALINITY Tape/Diskette ID PRY BUB ပ္ပ NE T (GMT) CTD CONVERTED MONITOR VALUES HX213 HX222 SEC. TEMP PROJECT & LEG 1.0/8/W2/84/W8982 JD/TIME 50699 CHAM Œ Ş DATE JD= DAY FEEGOR PRI, TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH 7 DATA ON TIMES PRESSURE NO LATITUDE 102 1 OEPTH DEPTH 8 かん 2 4 29 Alpha Helix O 0 TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL Š 72 0 ო 9 ω 0

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WHIT'S NOTR. 5785 BC 05 Ε NAME/ID SAMPLE BOTTLE NUMBER WIND CLOUD (AMIL) 占 STATION DESIGNATION MAX. DEPTH = SE SE REMARKS Cleaned air bleed valve 28280018 SAL. (deg) (m/s). SAMPLE BOTTLE WIND DIRN. SALINITY DATA File Name/Header 1.5m VISIBILITY SEA STATE (mb)|. DATA LOCATION 240 **BESSONE PRANSMISSOMETER** WET BULB ပ္ SALINITY ORY BULB Tape/Diskette ID ပ္ပ 20x 0x ¥ E GMT) CTD CONVERTED MONITOR VALUES カガガメナ はる半 SEC. TEMP PROJECT & LEG - HEHIAM 9.45 W3 9 A U 0 9 8 Œ JD/TIME 50699 Š DATE JD= DA≺ FLOOR PRI. TEMP. LONGITUDE START DOWN AT SURFACE 0/76/5/5/15/5/5/10/1636 7 AT DEPTH DATA ON TIMES 8 HESSELFE LATITUDE Z 8 30 Alpha Helix 20 30 20 TYPE & SN 30 80 g PRESS SN 9 NS GNOO TEMP SN 0 TEMP SN CAST VESSEL POS 10 12 Ŋ Ξ 2 က 9 6 œ

WHIT'S NUTH. SBCOS E NAME/ID SAMPLE BOTTLE NUMBER SPD. CLOUD (amil) 동 000 STATION DESIGNATION MAX. DEPTH = NCIR. Cleaned air bleed valve REMARKS SAL. |(deg) |(m/s) 800178859 SAMPLE BOTTLE WIND DIRN SALINITY DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) **AFFANSIMISSOMETER** WET BJEB ပ္ SALINITY Tape/Diskette ID OAY BULB <u>ဂ</u> (3 ¥ E GMT) CTD CONVERTED MONITOR VALUES カカカメナ staxt SEC. TEMP JS W2 9 4 4 4 8 2 1 JD/TIME 50 6 9 9 PROJECT & LEG + Chia Œ § DATE JD= DAY HELION ! PRI TEMP LONGITUDE START DOWN N 16359 AT SURFACE AT DEPTH There DATA ON 9 TIMES HESSLA LATITUDE Z 0715151 DEPTH A 9 30 80 Alpha Helix TYPE & SN ナ E 0 PRESS SN 0 COND SN TEMP SN TEMP SN VESSEL CAST SS. 12 0 -2 ထ က 00 6

₹7 WHIT'S NUTR. ε NAME/ID 5858 AG SAMPLE BOTTLE NUMBER 됩 **BOTTOM** DEPTH STATION DESIGNATION MAX. DEPTH = NSTEEN SE REMARKS Cleaned air bleed valve W WIND (amt).
CLOUD (amt).
WEATHER 1558240087821 SAL (m/s) SAMPLE BOTTLE WIND (deg) SALINITY DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION (mp) **THANSIMISSOMETER** WET BULB ပ္စ SALINITY Tape/Diskette ID ORY BULB ဂ <u>₩</u> (GMT) CTD CONVERTED MONITOR VALUES HX213 HX227 SEC. TEMP PROJECT & LEG CHIAM 1.38 W28 AUGS 吳 Ş DATE JD= DAY FEIGH. PRI. TEMP. LONGITUDE <u>Z</u> START DOWN AT SURFACE AT DEPTH The state of the s DATA ON TIMES 8 \ \ Z HESSUR LATITUDE ₹ OFFIT THE PIECE 9 20 20 20 2 20 07 Alpha Helix TYPE & SN O 0 0 £ PRESS SN 0 0 COND SN 0 TEMP SN TEMP SN CAST VESSEL SS 12 0 - Ŋ ဖ ထ O

WHIT'S NUTR. 15/8/2012 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 됩 STATION DESIGNATION STATE 04 BOTTOM DEPTH MAX. DEPTH = NET NET Ξ REMARKS Cleaned air bleed vaive WIND (amt)
CLOUD (amt)
MEATHER 484 SAL. (m/s) SAMPLE BOTTLE 2400 SALINITY WIND DIRN. (deg) DATA File Name/Header 7.7 VISIBILITY SEA STATE DATA LOCATION (am) Barres 07 BUNSSBUU TRANSMISSOMETER WET BULB <u>ဂ</u> SALINITY Tape/Diskette ID ORY BUB 0795510.33N/6407.47W29AUBBB 2342
cro E E GMT) CTD CONVERTED MONITOR VALUES ナメカカカ 生メカカカ SEC. TEMP PROJECT & LEG - HOHIAIM Š DATE JD= DA√ HEIGH. PRI. TEMP LONGITUDE Z START DOWN AT SURFACE T T AT DEPTH DATA ON 8 HESSUR LATITUDE ふったり OEPTH DEPTH 9 Alpha Helix TYPE & SN PRESS SN NS QNOO TEMP SN TEMP SN CAST VESSEL SS 10 12 S 9 8 3 က 6

WHIT'S NUTR. 535BE07 Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 됩 BOTTOM STATION DESIGNATION MAX. DEPTH = NUTH. REMARKS Cleaned air bleed valve CLOUD (amt) YPE WEATHER SAL 0678 (m/s) WIND SPO. SAMPLE BOTTLE SALINITY WIND DIPN. (deb) 0 2 6 DATA 1.20 File Name/Header VISIBILITY 240° SEA STATE DATA LOCATION (ap) - HTPMYSMISSOMETER WET BULB ပ္ပ SALINITY 0 Tape/Diskette ID PH BUB ပ္ 9 ¥ E GMT) CTD CONVERTED MONITOR VALUES JSTO WAS SALUES BODY JDTIME JUL99 カカカメナ staxt SEC. TEMP PROJECT & LEG **Temam** 吳 30 DATE JD= Ş DA≺ #E003 JD/TIME PRI. TEMP. LONGITUDE Z START DOWN 12 0 4 2 1 N 1 8 2 1 0 1 2 5 0 0 2 1 AT SURFACE AT DEPTH 1 DATA ON TIMES 8 FRESSURE LATITUDE ₹ 60/0 8 Alpha Helix 20 20 20 TYPE & SN 20 a g PRESS SN 0 COND SN TEMP SN TEMP SN CAST VESSEL SS. 12 10 Ŋ œ 6 φ

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WHIT'S NUTR. 4758 202 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER 占 BOTTOM DEPTH STATION DESIGNATION MAX. DEPTH = NETEN REMARKS Cleaned air bleed valve S WINCLOUD (amt)
TYPE
REATHER 0772 SAL. (m/s) SAMPLE BOTTLE SALINITY WIND DIRN. DATA (deg) File Name/Header SEA STATE VISIBILITY or 1507 DATA LOCATION (mb) **THANSMISSOMETER** 0 20, WET BULB <u>(၃</u> SALINITY Tape/Diskette ID ORY BULB <u>ဂ</u> 081 5505 5155 N 164 05 4 5 W 5 W 30 4 4 8 8 0 2 37 NEW F GMT) CTD CONVERTED MONITOR VALUES エメア チメリング SEC. TEMP PROJECT & LEG A STAN DAY MO DATE JD= T FLUOR PRI. TEMP. LONGITUDE START DOWN AT SURFACE AT DEPTH <u>€</u> DATA ON 9 TIMES **FRESSURE** LATITUDE 500 Alpha Helix TYPE & SN £ PRESS SN NS GNOO TEMP SN TEMP SN VESSEL SONSC CAST POS. က 6 N 4 Ŋ ဖ œ

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ESBS## WHIT'S NCTD. Ε NAME/ID SAMPLE BOTTLE NUMBER STA. 유 **BOTTOM** DEPTH STATION DESIGNATION NETEN MAX. DEPTH = REMARKS Cleaned air bleed valve 0180 SAL. (m/s) SAMPLE BOTTLE WIND OFFN. SALINITY DATA (deg) File Name/Header VISIBILITY 1.0 SEA STATE DATA LOCATION (mb) 290 THANSMISSOMETER WET ပ္ပ SALINITY O V Tape/Diskette ID PHG BUB ပ္ 030B ¥ £ GMT) CTD CONVERTED MONITOR VALUES プアスメ サマギ SEC. TEMP PROJECT & LEG - CHIAM س JD/TIME JUL99 ₽ DATE JD= DAY HOUR PRI. TEMP. LONGITUDE **Z** START DOWN 2825567.98N16405 AT SURFACE AT DEPTH T DATA ON 8 TIMES HESSUR LATITUDE <u>Z</u> TRIP DEPTH 9 Alpha Helix TYPE & SN £ PRESS SN NS QNOO TEMP SN TEMP SN CAST VESSEL Š 0 12 Ξ N က 4 2 ဖ œ 6

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WHT'S NUTH 5145181EP14 Ε NAME/ID SAMPLE BOTTLE NUMBER 옵 403815 **BOTTOM** DEPTH STATION DESIGNATION Ξ MAX. DÉPTH = NETEN Cleaned air bleed valve REMARKS WIND CLOUD (amt) YPPE WEATHER 784 SAL. (m/s) O SAMPLE BOTTLE SALINITY WIND DIPIN DATA (deg) File Name/Header 40.1.06E SEA STATE VISIBILITY DATA LOCATION (mb) BHUSSBHH **HPAYSIVISSOMETER** WET BUEB ပ္ SALINITY Tape/Diskette 1D DRY BULB ပ္ပ Y Y N/6/90/1.69 W30 AUG 8 03/19 GMT (GMT) CTD CONVERTED MONITOR VALUES カガガメナ はる半 SEC. TEMP PROJECT & LEG O TAN 뜻 ₹ DATE JD= DA≺ HOON H JD/TIME PRI, TEMP. LONGITUDE Z START DOWN AT SUPFACE # H H AT DEPTH DATA ON 9 TIMES HESSIE 20 S 55 1 0 . 40 LATITUDE Z B 8 20 30 0 Alpha Helix TYPE & SN £ PRESS SN 0 COND SN TEMP SN **TEMP SN** SONSC VESSEL CAST SS. 9 12 Ξ æ S 9 6

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5 0 0 0 0 S WHITS Ε NGTA. STA. NAME/ID SAMPLE BOTTLE NUMBER WIND GOOD (amily of the party o 중 720 STATION DESIGNATION MAX. DÉPTH = RES. Cleaned air bleed valve REMARKS SAL. SAMPLE BOTTLE WIND DIRN. SALINITY DATA (deg) File Name/Header VISIBILITY 1407 SEA STATE 0.0 (mb) DATA LOCATION 2800 HHESSAURE THANSMISSOMETER WET ပ္ SALINITY PSUEB BUEB Tape/Diskette ID ပ္ပ် ¥ E 0359 TIME (GMT) CTD CONVERTED MONITOR VALUES HXETS HX777 SEC. TEMP PROJECT & LEG CHIAM 71/ |W3|0|A|U|B|B \mathcal{F} JONTIME JUL99 ₹ DATE JD= DAY FLUOR PRI TEMP. LONGITUDE Z START DOWN 0841515121.85TN/6409 AT SURFACE The state of the s AT DEPTH DATA ON TIMES 8 HESSUR LATITUDE Z ≥ PEPTH DEPTH 9 20 9 30 0 Alpha Helix 0 TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL POS. 10 12 -Ŋ 9 œ 6

WHIT'S NUTR. 798887 Ε NAME/ID SAMPLE BOTTLE NUMBER 동 BOTTOM STATION DESIGNATION < 0.000MAX. DEPTH = SE SE REMARKS Cleaned air bleed valve 21/8/2 SAL. (m/s) SAMPLE BOTTLE SALINITY WIND (deg) DATA File Name/Header VISIBILITY SEA STATE DATA LOCATION (gm) BHCSS30HE TRANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette ID BULB BULB ပ္ပ 7/ W3 0 4 4 9 9 0 4 2 9 JD/TIME JUL 9 9 ¥ E (GMT) CTD CONVERTED MONITOR VALUES カガガメナ はる半 SEC. TEMP PROJECT & LEG CHIAM Œ Š DATE JD= DAY Thus Fluor JD/TIME PRI. TEMP. LONGITUDE ⋛ START DOWN AT SURFACE TA PAR 34N/64/ AT DEPTH DATA ON TIMES 9 PRESSURE LATITUDE TRIP DEPTH 9 8555 Alpha Helix 0 TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL 8 10 12 = ဖ œ 6

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8030566 WHIT'S Ε REPS FEET NAME/ID SAMPLE BOTTLE NUMBER 00 五 0 BOTTOM DEPTH STATION DESIGNATION (m) MAX. DEPTH = EE SE REMARKS Cleaned air bleed valve WIND CLOUD (amt) TYPE WEATHER 0 7872 SAL. . (s/ш) SAMPLE BOTTLE DATA WIND DIPN. (deg) SALINITY ٥ File Name/Header VISIBILITY SEA STATE DATA LOCATION (mb) APPANSMISSOMETER WET BULB ပ္ SALINITY 0 Tape/Diskette ID DAY BUB ပ္ပ 386 5520.15TN/64/5.49W30 AUBB 05/3 CTD TIMES JD/TIME 50699 E E GMT) CTD CONVERTED MONITOR VALUES 大方方と サスカカカ SEC. TEMP PROJECT & LEG CHAM ¥ Ş DATE JD= DA HILLOR HILLOR PRI. TEMP. LONGITUDE Z START DOWN AT SURFACE 五 AT DEPTH DATA ON 2 HESSIE LATITUDE <u>Z</u> 300 200 0 40, OFFIH DEPTH 9 8 0 Alpha Helix a TYPE & SN g PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL S. 0 12 - N က S) ဖ Φ 6

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C O O D O O O O O O O		HOLDIN.	JONOT	9	DATE JI	-0	TIME (GMT)	DRY		SEA STATE		CLOUD (amt)	MEATHER		STA. ME/ID
	DEG	MIN	980	Z		\vdash	E M	(0,)		(a)	T	•	5		
THESS. IE PRI TEMP. THES. IE PRI TEMP. THESS. IE	560	4.68 N	161	× 48.	30	8	_	13.4	/	77		7		4NC	108
START DOWN AT DEPTH AT SUPFACE TO CONVERTED MONITOR VALUES THESSIEE PRI TEMP. SEC. TEMP SALINITY S			TIMES),ac	TME 4	0670		2	ATA LOCA	NOIL		REMA	RKS		
START DOWN AT DEPTH AT SUPFACE AT	PE & SN	<u></u>	DATA ON			 	Tape/Disk	cette ID	File	Name/He	ader		į.		
AT SUPFACE AT SUPFACE THE STATE AT SUPFACE	RESS SN		START DOW			 									
ATSURFACE	EMP SN		AT DEPTH			·									
TRIP TESS.HE PERS.HE PRI, TEMP CID CONVEHTED MONITOR VALUES DEPTH TRESS.HE PRI, TEMP SEC, TEMP SALINITY SALINITY SALINITY SALINITY SALINITY CHL	NS QNC	7	AT SURFACE				!	;		[MAX.	DEPTH =		m
THIP CID CONVERTED MONITOR VALUES SAMPLE BOTTLE NUM DEPTH PRESSURE PRI TEMP. SEC. TEMP SALINITY SAL. NUTR. CHL.	EMP SN		□Z E¥	7	:UOR	T CONTRACT		TRANSMIS	SOMETER		Seaned ail	bleed v	alve		
PRESSLE PRI.TEMP. SEC.TEMP SALINITY SALINITY SALINITY CH. 1 </td <td>L</td> <td>i i</td> <td></td> <td>OID OI</td> <td>NVERTED</td> <td>MONITOR</td> <td>VALUES</td> <td></td> <td></td> <td>SAM</td> <td>PLE BOTTL DATA</td> <td></td> <td>MPLE BOT</td> <td>TLE NUN</td> <td>BER</td>	L	i i		OID OI	NVERTED	MONITOR	VALUES			SAM	PLE BOTTL DATA		MPLE BOT	TLE NUN	BER
		PPESSU	H.	PRI. TE	Δ. O.	SEC.1	EMP	SAI	YLINI	"	ALINITY	SAL.		쮼	WHIT'S NUTR.
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N C 130 2 WHIT'S NUTR. 4442 Ε STA. NAME/ID SAMPLE BOTTLE NUMBER ਝੁੱ **BOTTOM** DEPTH THE STATION DESIGNATION (E) MAX. DEPTH = SET SET REMARKS Cleaned air bleed valve WEND (amt)
CLOUD (amt)
TYPE
WEATHER 0 SAL. (deg) (m/s) 26071 SAMPLE BOTTLE DATA WIND DIRN. SALINITY File Name/Header VISIBILITY \<u>'</u> 1217 SEA STATE (mb) DATA LOCATION 0 340SS344 160 THANSMISSOMETER WET ပ္ SALINITY ORY BUB Tape/Diskette ID ပ္ပ **₹** GMT) CTD CONVERTED MONITOR VALUES カカカメナ なるが SEC. TEMP PROJECT & LEG CHIAM USWZOAUGS B 뜻 Ş DATE JD= DAY 五 Evon PRI. TEMP. LONGITUDE 08 15 6 8 5 5 10 6 10 6 10 6 1 START DOWN AT SURFACE AT DEPTH T PAR DATA ON TIMES 8 HESSURE LATITUDE Z TRIP DEPTH 8 Alpha Helix TYPE & SN E PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL 8 10 2 _ N က S ဖ œ 6

WHIT'S NOTH 46NLB03 Ε NAME/ID SAMPLE BOTTLE NUMBER 占 M **BOTTOM** DEPTH STATION DESIGNATION $\widehat{\mathbf{E}}$ MAX. DEPTH = NUTA. Cleaned air bleed valve REMARKS WIND CLOUD (APPL) TYPE MEATHER SAL. (m/s) 6028 SAMPLE BOTTLE WIND DIPN. (deg) SALINITY DATA File Name/Header 1.5 m VISIBILITY SEA STATE DATA LOCATION (mb) 0 **BUNSSBUU** - TRANSMISSOMETER 0 WET BULB ပ္စ SALINITY *w* Tape/Diskette ID DAY BULB ပ္ 2240 ¥ E GMT) CTD CONVERTED MONITOR VALUES カカカメナ なるが SEC. TEMP PROJECT & LEG CHIAM SWZ CAUGOR Œ Š DATE JD= DA≺ #1 JD/TIME PRI. TEMP. LONGITUDE Z START DOWN AT SUPFACE T PAR AT DEPTH DATA ON 101 N TIMES 8 HESSIE 089561230 LATITUDE Z TRIP DEFTH 9 Alpha Helix TYPE & SN £ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL 8 10 12 - က Ø S 9 æ 6

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WHIT'S NUTR. S087NE2 STA. NAME/ID Ε SAMPLE BOTTLE NUMBER 둥 SPD. CLOUD (amil)

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(c) STATION DESIGNATION MAX. DEPTH = REMARKS Cleaned air bleed valve SAL. 16022 SAMPLE BOTTLE WIND DIRN. (deg) SALINITY DATA File Name/Header SEA STATE VISIBILITY 7 DATA LOCATION (mb) THANSMISSOMETER WET BULB ပ္ SALINITY W Tape/Diskette ID ORY BUB ပ္ပ ल ¥ E GMT) CTD CONVERTED MONITOR VALUES カカカメナ staxt SEC. TEMP PROJECT & LEG 9 O TAN . 52 W30 AUG 9 8 Œ 30699 Ş DATE JD= DAY # NO. JD/TIME PRI TEMP LONGITUDE Z START DOWN AT SURFACE त | १ | 18 AT DEPTH DATA ON 9 TIMES PRESSURE 19 dn LATITUDE ₹ 6/ TAIP DEPTH 9 Alpha Helix TYPE & SN £ PRESS SN NS GNOO TEMP SN **TEMP SN** VESSEL CAST SS 10 Q က 4 S 9 œ 0

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WHIT'S NUTR. 6 3 NIC 18 05 Ε NAME/ID SAMPLE BOTTLE NUMBER 유 SPD. CLOUD (amil) STATION DESIGNATION NEW ASSETS MAX. DEPTH = SETT. REMARKS Cleaned air bleed valve SAL. SAMPLE BOTTLE 16021 SALINITY WIND DIRN. (deg) DATA File Name/Header P VISIBILITY **SEA STATE** DATA LOCATION (mp) 0 HTRANSMISSOMETER WET BULB ပ္ပ SALINITY 133 Tape/Diskette 1D OHY BUB (၁) ¥ £ GMT) CTD CONVERTED MONITOR VALUES HXPTS FX227 SEC. TEMP PROJECT & LEG A CHATM ¥ JOYTIME 50699 Ş DATE JD= DA√ | Jacon PRI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE - 02 N /6 / 2 AT DEPTH DATA ON /E TIMES 8 HESSUR LATITUDE Z Z 09925620 TRIP DEPTH 8 Alpha Helix TYPE & SN ╒ PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL SS.

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WHIT'S NUTR. NAME/ID SAMPLE BOTTLE NUMBER 4KM-200 P WIND OO CLOUD (AMIN) 占 STATION DESIGNATION KRADYS MAX. DEPTH = E E PG REMARKS Cleaned air bleed valve 187 SAL |-||-|(s/m)| (deb) 0 SAMPLE BOTTLE WIND DIPN. SALINITY DATA File Name/Header 270° (.om SEA STATE VISIBILITY (mb) DATA LOCATION **FRANSMISSOMETER** WET BULB ည် SALINITY BE BE Tape/Diskette ID S ¥ H (GMT) CTD CONVERTED MONITOR VALUES HXEIS HX222 SEC. TEMP PROJECT & LEG CHAM JD/TIME 50699 Œ § DATE JD= DAY HUGH HUGH PRI. TEMP. LONGITUDE START DOWN AT SURFACE АТ ОЕРТН 2955652114N1603 L Ag DATA ON TIMES HESSURE LATITUDE 8 Alpha Helix 8 **IYPE & SN** g PRESS SN COND SN TEMP SN TEMP SN CAST VESSEL PS. 2 S ဖ O

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WHITS STA. NAME/ID Ε DMC/ SAMPLE BOTTLE NUMBER Р SPD. CLOUD (amt)
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WHIT'S NUTR. Ε 1850 ME11 NAME/ID SAMPLE BOTTLE NUMBER STA. WIND CLOUD (& mt)

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WEATHER

(m) 됩 STATION DESIGNATION EES. MAX. DEPTH = REMARKS Cleaned air bleed valve SAL. 73004 SAMPLE BOTTLE SALINITY WIND DIRN. DATA (deg) File Name/Header VISIBILITY 0 252 SEA STATE DATA LOCATION (mb) 23001 TRANSMISSOMETER WET BULB <u>(၃</u> SALINITY Tape/Diskette ID ORY BULB ပ္ <u>8</u> NEW YE GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHIAM HX210 222 N/6040.27MO/1AUG98 旡 Ş DATE JD= DAY ALVOR JOTTIME PRI. TEMP. LONGITUDE **Z** START DOWN AT SURFACE TAN TO AT DEPTH DATA ON TIMES HESSUR 098/3/2/4/7/19/9/ LATITUDE 9 127 20 Alpha Helix 3 TYPE & SN £ PRESS SN TEMP SN COND SN TEMP SN CAST VESSEL S. 10 12 - 9 ω O

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WHIT'S NUTR. 69PME019 Ε NAME/ID STA. SAMPLE BOTTLE NUMBER 못 SPD. CLONE BOTTOM STATION DESIGNATION

OME OF MAX. DEPTH = ES. REMARKS Cleaned air bleed valve SAL. 21005 SAMPLE BOTTLE SALINITY MIND (ded) DATA DIRN. File Name/Header SEA STATE VISIBILITY 8 10 12 DATA LOCATION (am) BECCONDE THANSMISSOMETER WET BULB ပ္ SALINITY Tape/Diskette ID PHG BULB ပ္ 0 3/ NE H TIME (GMT) CTD CONVERTED MONITOR VALUES SEC. TEMP PROJECT & LEG CHAM HX210 JZZ 3.88W0/AUG98 Œ Ş DATE JD= DAY THUOR **JD/TIME** PFI. TEMP. LONGITUDE ₹ START DOWN AT SURFACE AT DEPTH 43.86N/603 PAR DATA ON 8 TIMES PESSUE LATITUDE Z 9 60 30 200 Alpha Helix TYPE & SN g PRESS SN COND SN 2 TEMP SN **TEMP SN** 0 SONSC VESSEL Δ CAST SS + 12 0 ო S 4 9 œ Ō,