Jan 31.886 charage I'm 70 FOX 55 Sta. Name or I.D .soq Sta. Designation FOX 55 Pg. 1 of 80 Other Bot. # Samp. File Name/Header Wind Sp. Cloud Type Oepth, m 20 MAY 05 14 Sal. Ö 32.073 Sal Data Location 132821510861 Sample Bot. Data Avg Tw Tape/Diskette 1.D. Wind Therm-P .S.S. Vis. Remarks 32.070 Bar. mb Sal. Conv. Mon. Values-CTD 0526 0526 080 0523 0524 Cond. Wet Bulb Instructions Temp. 5728 62N 15442 45W 20MAY 880524019 10 4.916 Dry Bulb Start Up. at Surface\_ at Surface. Start Down\_ at Bottom\_ Times Data on Data off Proj. & Leg Poct 38 耳 Event# Vessel Sta. I.D. Press. 63.939 Ħr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = /H**Monitor Checks Monitor Values** Cond. Temp. on Deck Press. MILLER FREEMAN Temp. \_ Other. Press. Cond. 052713 Trip Time @ Zον Vessel Depth Ξ. Latitude 26072 Bot. Rack Depth , Deg. Consec.Cast # Press. SN\_\_ Temp. SN. Cond. SN Cast # Consec. 000 겉 9 • 00 0 Pos. m 2 4

Les 31.617(2) changed 8 : 13 an Miles prise Sta. Name or I.D 2118FOX56 Sta. Designation FOX 56 .soq 9 Ŋ Pg. 2 of 80 Other Bot. # Samp. File Name/Header 20 MAYOSS3 Sal. 02 Depth, m Bottom 32.502 Sp. Cloud
Type
Weath. S Data Location 509861 Sample Bot. Data Avg Tw Tape/Diskette 1.D. Wind Dir. Therm-P 2821 S. S. Vis. Remarks 32.500 <u>\_</u> Bar. mb Sai. Conv. Mon. Values-CTD 0 7 0 0559 9090 0000 0557 14110556 Cond. JD/Time Wet Bulb Instructions Ŋ Temp. 5.13 Dry Bulb 5907 Start Up. Start Down\_ at Bottom\_ at Surface. Data on\_ at Surface. Data off. Times Proj. & Leg FOCI 88 IL Event# Vessel Sta. I.D.

MF-88-06 206.976 Press. Hr. Min. Time GMT 0025730185N15447119W20MAYBB015 Other at Surface or W Day Mo. Yr. Longitude E Date JD = /4Monitor Checks Cond **Monitor Values** Temp. on Deck Press. 002 MILLER FREEMAN Temp. Other\_ Press. Cond. Deg. 060639 Trie Time @ or Bot. Rack Depth Depth CTD SBE 91220 - 8 Latitude Press. SN 26072 304 Consec.Cast # Deg eg Temp. SN\_ Cond. SN Cast # Consec. S

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233FOX57 fm 31,25 (0) Changed 0-2 m .coq F0X57 4 Sta. Name œ Pg. 3 of 30 or I.D Other Bot. # Samp. Sta. Designation File Name/Header 20 MAY 0635 Sal. 03 Depth, m Bottom 32.737 Sa Cloud Type Weath. Data Location 18506861 Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Dir. Therm-P 28 S. S. Vis. Remarks 32.736 Bar. mb Sai. Conv. Mon. Values-CTD JD/Time |4|| 0638 0639 0649 0 0 0 0648 0648 0640 Cond. Wet Bulb Instructions Temp.  $\omega$ 5.358 Data on\_ Start Up. 003573305N15452172W20MAYBB064007 Start Down\_ at Bottom. at Surface. Times at Surface. Data off 221.497 Proj. & Leg Pool 88 IV Event# Vessel Sta. I.D. Press. Hr. Min. Time Other at Surface or W Day Mo. Yr. Longitude E Date |D = /4|Monitor Checks Cond. Monitor Values Temp. on Deck Press. MILLER FREEMAN Press.\_ Other\_ Temp. Cond. Deg. 018190 Bot. Rack Depth Depth Trip Time ® o S Z Vessel CTD SEE 91220 - B Latitude 26072 710 30 003 Consec. Cast # Deg. j Press. SN Temp. SN Cond. SN Consec. Cast # 25

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ō	Consec. Cast #	2	ا کھ ،	Pre Terr		11.	209 	_	2	٣	4	1/3	9	7	8	6	01	=	21

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(a) 26.192 (b) 36.195 (c) 36.185 (c) 181.18 ad 258 FOX 59 changed 0-2m Sta. Name or I.D Pos. 4 00 Pg. 5 of 80 Sta. Designation FOX59Other Bot. # Samp. File Name/Header 20 MAY 0836 Wind Sp. Cloud Clo 05 Sal. Data Location
Tape/Diskette I.B. 32.803 Sa 2720707892 Sample Bot. Data Avg Tw Therm-P S. S. Vis. Remarks 7 32.801 Bar. mb Sal. Conv. Mon. Values-CTD 0715 0849 0849 JD/Time /// 0838 0848 0840 Cond. Wet Bulb Instructions Temp. 15504 28 W 20 MA 1880 8411017 8 5.343 Dry Bulb Start Up. at Surface. at Surface. Start Down\_ at Bottom. Times Data on Data off Vessel

MILER FREEMAN Proj. & Leg FOCI 88 TH Event# Vessel Sta. I.D.

MILER FREEMAN MF-88-06 12 245.793 Press. Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 141 Monitor Checks Cond. **Monitor Values** Temp. on Deck Press. Temp. \_ Other\_ Press. Cond. Deg. 1264-80 Trip Time @ o Vessel Bot. Rack Depth Depth 005573844 CTD SBE 91220-B Latitude Ξ. Ξ. 26072 500 710 क्र Consec.Cast # Deg. Press. SN\_ Temp. SN. Cond. SN. Cast # Consec. 12 7 9 • 00 0 .soq m 2 5

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charage 0.3 m (a) 491.16 mg (1) 491.16 (1) 491.16 B Sta. Designation FOX(60) 219 5170 X 60 Sta. Name or I.D 겉 2 2 4 Ŋ Pg. 6 06 80 = Other Bot. # Samp. File Name/Header 20 MAY 0926 Sal. 90 Depth, m Bottom 32.933 Sal Cloud Type Weath. 13503892 Data Location Sample Bot.Data Therm-P Avg Tw Tape/Diskette-I.D. Wind Öir. .si∨ Remarks .S .S N Bar. mb Sal. 32.931 0932 JD/Time |4| | 0929 0930 Conv. Mon. Values-CTD 0840 076 0941 094 Cond. Wet Bulb Instructions Temp. 0|7||9 5.400 Pry Bulb Times Data on\_ Start Down. at Bottom. Start Up. at Surface. at Surface. Data off 282.568 Vessel
MILLER FREEMAN Proj. & Leg FOCI-88-IMEvent# Vessel Sta. I.D. 7 Press. Hr. Min. 3 Time GMT 6 0 Other at Surface or W Day Mo. Yr. 1551025W20MAV88 E Date JD = |4|**Monitor Checks** Cond. Monitor Values Temp. on Deck Longitude Press. Temp. \_ Other\_ Cond. Press. Deg. 094128 Ţ Time @ o S 0 Depth CTD Type & SN SEE 912 20 - 8 Ξ in Latitude 26072 30 Bot. Rack Depth 006574 Consec.Cast # Deg. Press. SN\_ Temp. SN\_ Cond. SN. Consec. Cast # 12 .soq 겁 9 4 m LO. • œ 4

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Jan 30.904 (6) 30.904 (5) shanged 0.3m 31.068 В Sta. Name or I.D 300FOX61 .soq 4 10 •  $\infty$ 0 Pg. 7 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 20 MAY 1030 Sal. 07 Depth, m Bottom Bottom up to 290 by end of cast 33.061 S Sing Cloud Type Weath. Sal. Data Location 151702806892 Sample Bot.Data Therm-P Avg Tw Tape/Diskette I.B. Ę. .s.S. Remarks 33.063 Bar. mb Sal. JD/Time Conv. Mon. Values-CTD 1042 0 8 1050 1051 1050 Cond. Wet Bulb Instructions Temp. 15515114 W20MAN8811042087 5.438 Data on\_ at Surface\_ Start Down\_ at Bottom. Start Up. at Surface. Times Data off Vessel

MILLER FREEMAN

MF-88-06

MB-88-06

MB-88-06 280.701 Press. Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = A Monitor Checks Monitor Values Cond. Temp. on Deck Press. Temp. \_ Press.\_ Other. Cond. Deg. 105/09 Rack Depth Depth Trip Time @ o S Z 00175743106N Vesse Latitude CTD SEE 91220-B Ξ Ü 26072 Consec.Cast # OT 75 304 Deg. Press. SN ١ Temp. SN. Cond. SN. Bot. Cast # Consec. ম 4 9 • œ 0 Pos. 4 m M

no change CMAO .coq 2 Sta. Name 4 • Pg. 2 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 33 MA30849 C W 30 Sal. 59 Remarks No water somple taken-Depth, m Bottom Cloud Type Weath. ह्य Data Location 3 2 9 1 5 4 6 7 3 7 1 Sample Bot. Data Avg Tw Sp. Tape/Diskette I.D. Wind Therm-P MA 488 S.S. AR C Sal. Ø Conv. Mon. Values-CTD 0 0856 090K 0905 0903 1080 Cond. D/Time Wet Bulb S Instructions Temp. S Dry Bulb at Bottom. Start Up. at Surface. Data on at Surface. Start Down. Data off Event# Vessel Sta. I.D. Press. 0 Hr. Min. Time GMT 5 0 Other at Surface 0085615158N15529980W23MAY88 W Day Mo. Yr. E Date JD = 1μμ **Monitor Checks** Cond. Monitor Values Proj. & Leg Temp. on Deck Longitude Press. Temp. \_ Cond. Other\_ Press. Trip Time @ Type & SNS eabir & 91320B Latitude (15.58 Min. Vessel Depth SLOOK 304 210 Bot. Rack Depth 56. Deg. Consec. Cast # 000 Press. SN\_ Temp. SN Cond. SN Consec. Cast # .soq 껕 9 M • œ N 4

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De Change I A Pos 7 m 4 S • 2 Sta. Name 2 = of 30 Other Bot. # Samp. 34 MAY1635 Sta. Designation File Name/Header Pg. 9 00 Sal. <u>0</u> 9 Bottom Depth, m 32.038 ह्य Cloud Type Weath. Data Location 106781 Sample Bot.Data Avg Tw Sp. Tape/Diskette I.D. Wind Therm-P 00 .siV Remarks .S .S 38.035 (d) Bar. mb Sal. 1655 1650 1655 1655 Conv. Mon. Values-CTD 0 1646 1649 Cond. JD/Time Wet Bulb 5625 29W24MAY8816501008 Instructions 149,350 H.846 Data on 145 Temp. Dry Bulb Times at Surface\_ Start Down. at Bottom. Start Up. at Surface Data off Event# Vessel Sta. I.D. Press. Hr. Min. **Time** GMT Other at Surface Mo. Yr. JD=FF5 Monitor Checks Monitor Values Cond E Date W Day Freeman MF-88-06 Temp. Proj. & Leg ō on Deck Longitude Press. Temp. \_ Cond. Other\_ Press. Deg. 65533 Bot. Rack Depth Depth Trip - Z C 6 B H 9 D 6 O Time @ o S Type & SN SED SLEAGE Vessel SHOTE 015 304 Ξi. Latitude 10 Consec. Cast # Deg. Press. SN. Temp. SN. Cond. SN Consec. Cast # 겁 9 Pos. 4 •

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(E) Fan. 18. 10/2 cherry 233m 113 .co9 4 Sta. Name Pg. 10 of 80 or I.D Other Bot. # Samp. Sta. Designation File Name/Header ナール 24 MAY 2341 Saj. უ -5 Depth, m Bottom 32.258 S Data Location Cloud Type Weath. 1 28 2 8 1 Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Therm-P <u>ا</u> آ .S.S. Vis. 00 Remarks 32.253 Bar. mb ð Sal. 3355 1356 Conv. Mon. Values-CTD 2349 8 Cond. D/Time Wet 10 Instructions 4.815 Temp. Ð 6 2 6 7 Start Down\_ Start Up. at Surface. Times Data on\_ at Surface. at Bottom. Data off 4.724 Event# Vessel Sta. I.D. Press. Hr. Min. Time GMT 15632 HAD Wad MR 888 23 Other at Surface or W Day Mo. Yr. Longitude E Date JD = 145 **Monitor Checks** Cond. Monitor Values Thiller Freeman MF 88-06

Latitude N Longitude E Date 1 Temp. on Deck Press. Temp. Other. Cond. Press. Deg. 235KB Bot. Rack Depth | Depth | Trip Time @ o S NFH 36 95010 Type & SN SEED S1220B SPOSE TOF SIL 5 Consec.Cast # Deg Press. SN. Temp. SN. Cond. SN Cast # Consec. 251 2 Pos. 00 0 N m 5 •

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32110	1 3 2   1 0   Times	Times  Data on	Times  Data on at Surface	Times  Times  Data on  at Surface  Start Down  at Bottom	Times  Times  Data on at Surface  Start Down at Bottom Start Up	Times  Times  Data on  at Surface  Start Down  at Bottom  Start Up  at Surface  at Surface  At Bottom  Data off	3 2	Time Data o at Surfac Start Dow at Bottor Start U	3 2   1   2   1   2   2   1   2   2   1   2   2	3 2	3 2	3 2   1   2   1   2   1   2   1   2   1   2   1   2   1   2   2	3 2	3 2	3 2	3 2	Start   Star		Start   Star
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S	CTD SE OF	CTD SE	CTD CTD Type & SN SRE 9	CTD CTD Type & SN SRE 91 Temp. SN 260 Cond	CTD CTD Type & SN SRE 91 Type & SN SRE 91 Temp. SN Z60 Cond. SN Z60 Co	Cond. SN 38	CTD	Cond. SN 3(2)  Type & SN SBE 91  Press. SN 2(2)  Temp. SN 7/4  Cond. SN 3(3)	CTD CTD Type & SN SBE 91.  Type & SN SBE 91.  Temp. SN Z607  Temp. SN Z/607  Cond. SN Z/607  Cond. SN Z/607  L Z/2 A Trip	CTD CTD CTD Type & SN SBF 9  Press. SN 260 Temp. SN 7/2 Cond. SN 3/2  Sond. SN 4/2  L 2/2 A 3/2  2	CTD CTD CTD Type & SN SBE 91 Press. SN 260 Temp. SN 7/2 Cond. SN 7/2 SS SN 2/2 SS SN 2	CTD Type & SN SBE 91 Press. SN 260 The SN 260 Temp. SN 76 Trip & Bot. Rack Depth 2	CTD CTD Type & SN SBF 9  Press. SN 260 Temp. SN 7/2 Cond. SN 3/2 2 Bot. Rack Depth 3 4 5	Type & SN SBE 91  Type & SN SBE 91  Temp. SN Z60  Temp. SN	CTD Type & SN SBF 91 Press. SN 260 Temp. SN 7/2 Cond. SN 260 Temp. SN 7/2 A 260 E 25 E 2	CTD Type & SN SBF 9  Press. SN 260 Temp. SN 7/2 Cond. SN 3/2  2 Bot. Rack Depth 3 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7ype & SN SBE 91   5 6   3   2   2   2   2   2   2   2   2   2	CTD Type & SN SBF 9  Press. SN 260 Temp. SN 7/2 Cond. SN 3/2 3 Bot. Rack Depth 5 6 7 7 8 9 9 9	7ype & SN SBF 9  Press. SN SBF 9  Press. SN Z60 Temp. SN Z60 Temp. SN Z60 1 22 A Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z

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CM5 8m 31.480 change an Sta. Name or I.D .soq Sta. Designation Pg. 12 of 90 4 \* MOA Entry gives time/position/dopth at may east depth Sal. Other Bot. # Samp. Remarks Recovery of Current Mooring # 5 File Name/Header 25 MAY 1332 128 Depth, m Bottom 31.814 Sal. So Cloud Type Weath. Data Location 08118099087811 Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind Dir. S. S. Vis. 31.833 Bar. mb Sal. Conv. Mon. Values-CTD 0 5 6 1340 134 134 Cond. Wet Bulb Instructions Temp. 36067 4.464 Dry Bulb Start Down\_ at Bottom\_ Start Up. Times Data on\_ at Surface\_ at Surface. Data off 120.656 Proj. & Leg Foci 第世 Event# Vessel Sta. I.D. MF-89-06 Press. Hr. Min. Time GMT 0125621 56 N15654 44 W 25MA V 8813 Other at Surface or W Day Mo. Yr. Longitude E Date D = 146**Monitor Checks** Cond. **Monitor Values** MILLER FREEMAN MF-88-06 Temp. on Deck Press. Temp. \_ Press.\_ Cond. Other. 134125 Bot. Rack Depth Depth Trip Time @ Vessel Latitude Ξi Press. SN 26072 <u>r</u> Consec. Cast # 1 Temp. SN Cond. SN Cast # 125 Consec. 겁 2 0 •

53 Sta. Name So4 ~ m Ŋ 4 2 = or I.D Pg. 13 of 80 Other Bot. # Samp. Initials OS 25 may 1354 Sta. Designation File Name/Header Wind Sp. Cloud Type Weath. m Sal. ける Remarks NO WATER SAMPLE Si Data Location 18 F F 1 8 0 8 6 F 0 6 F 0 5 Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind Therm-P S. S. Vis. Bar. mb Sai. 1356 1800 1804 Conv. Mon. Values-CTD 1804 1804 1359 Cond. JD/Time Wet Bulb Instructions Temp. Dry Bulb at Bottom. Start Up. at Surface. Data off. Times Data on. at Surface. Start Down. Event# Vessel Sta. I.D. Press. Hr. Min. **Time** GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 146 **Monitor Checks** Monitor Values Cond. Miller Freeman MF 88 DL Temp. Proj. & Leg on Deck Press. Temp. -Cond. Other\_ Press. . Deg. Rack Depth Depth Trip Time @ o Type & SN SED 912305 Vessel SECOR 310 304 Latitude Σ Ξ Consec. Cast # Deg. Press. SN\_ Temp. SN. Cond. SN Bot. Consec. Cast # 4 2 Pos. 4 'n •

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changed 0-1 m M8A 20.530 for 31.413 .co9 Sta. Name 7 m 4 S • 9 Pg. 14 of 80 = orl.D Sal. Other Bot. # Samp. Sta. Designation 25 1184 2033 File Name/Header 63 Bottom Depth, m 2 2 3 223 33,701 Sal. Cloud Type Weath. 3821510861 Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Dir. Therm-P S.S. Remarks 33.701 3 Bar. Sal. J Conv. Mon. Values-CTD **3052** 9 34400 3051 3051 Cond Times D/Time Data on 146 20.39 Wet Bulb Instructions Temp. 3 5.103 Dry Bulb Start Down\_ at Bottom\_ at Surface\_ at Surface. Start Up. Data off. Event# Vessel Sta. I.D. 209 213.063 Press. - 4555702N15623225W25MA8882044 Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 146 **Monitor Checks Monitor Values** Sond. Vessel Proj. & Leg Temp. on Deck Press. Temp.\_ Other. Cond. Press. , Deg. Trio Time @ Z Type & SN SBD 91220B. Depth 26073 HOE Q F Latitude Σ Ë Bot. Rack Depth Consec. Cast # Deg 1 Press. SN\_ Temp. SN. Cond. SN E E Consec. Cast # 겉 .soq 9 'n •  $\infty$ 0 4

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Jon 31.554 (1) C M B B .co9 4 m Ŋ 9 Sta. Designation
M & B 4 • Pg. 15 of 80 Sta. Name or I.D Sal. Other Bot. # Samp. Remarks Deployment of Current Mooring 8808 File Name/Header 26MAY 0255 223 Bottom Depth, m 33.701 Solution (No. 2) No. 2) Sal. Data Location 043609617872 Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind S. S. Vis. 33.702 Bar. mb Sai. Conv. Mon. Values-CTD 1151622 52 W 26MA V 880030309 8 0 9 0 0303 03/0 03/0 0303 JD/Time 47 / 0301 03/1 Cond. Wet Bulb Instructions 5.100 Temp. Dry Bulb Data off\_ Times Start Up. at Surface. at Surface. at Bottom. Data on Start Down. Proj. & Leg FOCI BBIT Event# Vessel Sta. I.D.

MF-88-06 212.098 Press. Hr. Min. **Time** GMT Other at Surface or W Day Mo. Yr. Longitude E Date D = H 7**Monitor Checks** Cond. **Monitor Values** Temp. on Deck Press. DIS MILLER FREEMAN Temp. -Cond. Press. Other. Deg. 031045 Bot. Rack Depth Depth Trip Time @ 55557 35N Z Vessel CTD Type & SN SBE 9/220 B Σ ïi. Latitude 26072 Trb. Consec.Cast # Deg. Press. SN\_ Temp. SN Cond. SN. Consec. Cast # 721 2 Pos. 9 4 'n 9 œ φ. 4

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Str. 23.761 मिट उठ अस change 0-tm LAFACI LACTED E85.55 mg 4 Sta. Name or I.D 2 m 4 5 •  $\infty$ 0 9 Pg. 16 of 80 ¥ 8714 Bot. # Samp. Sta. Designation File Name/Header SHIERAMOR Remarks Recovery of Current Mooring Sal. 3 Depth, m Bottom ह्य S ind Cloud Type Weath. Data Location 9 12 Sample Bot. Data in pump Therm-P Avg Tw 2 Tape/Diskette I.D. 90 Wind water scurple Ωir. Instructions Bottom sediment 6 .≳i∨ 4 .S .S 7 30.176 Bar. d d 1 Sal. 6 2156 Past Conv. Mon. Values-CTD 3337 Bece 2150 N Cond. D/Time Wet Bulb r Temp. 1234 996 2559 4 Dry Bulb 7 at Surface. Data on. Start Down. at Bottom. Start Up. at Surface Data off Times Event# Vessel Sta. I.D. 239 Press. 0 Hr. Min. 10 Time Other 7 W 2 C M A Y 8 8 3 at Surface Ϋ́. **Monitor Checks** Ш ο̈́ Cond. **Monitor Values** E Date JD W Day MF-88-06 Temp. Proj. & Leg on Deck Longitude 0/1655 20 62 11 55 12 10 Press. MILLER FREEMAN Temp. Cond. Other. Press. Deg. Bot. Rack Depth Depth Trip Time @ Vessel CTD Type & SN SBE 91220-B Ξ ij Latitude 26072 30 710 910 rip P Consec. Cast # Deg. Press. SN\_ Temp. SN. Cond. SN. 見 Consec. Cast # 7 2 = 0 00 m S 9

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a. Name or I.D obstitute moon-92 day File Name/Header .co9 4 Pg. 17 of 80 Remarks Deployment of Current Mooring 8814 Other Bot. # Samp. Sta. Designation 27 MANILO18 Sal. 4 1 8 8 7 2 1 3 5 7 Depth, m Bottom 34.441 Data Location Sa Cloud Type Weath. Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Therm-P Ö آد 69 64 72 ١ .S .S æ 34.448 Bar. mb 6 Sal. 9 FOFI Conv. Mon. Values-CTD 1634 POF 1602 1308 0 Cond. D/Time 1 Wet Bulb Instructions Temp. 2.577 ೦೦ Dry Bulb 7 Start Down. Data on at Surface. at Bottom. Start Up. at Surface. Data off. **Times** 1310.245 Event# Vessel Sta. 1.D. Press. ታ Hr. Min. 0 Time GMT 9 Other at Surface 17552028N1551245W27MAY88 or W Day Mo. Yr. Longitude E Date JD = 148 Monitor Checks Cond **Monitor Values** OIT MILLER FREEMAN MF-88-06 Temp. on Deck Press. Temp. -Cond. Other. Press. 170835 Bot. Rack Depth Depth Trip Time @ Z S CTD Type & SN SBE 91220 - B Ξ ij Latitude 26072 710 304 1309 Consec.Cast # Deg. 1 Press. SN\_ Temp. SN. Cond. SN. 116 Consec. Cast # 7 9 .soq 0 • œ N m b

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Monay or 20 10 2 = Pg. 18 of 80 Sta. Name o.l.o Other Bot. # Samp. Sta. Designation (こう) File Name/Header AT MAYALLY Sal. 0 き Depth, m Bottom 32.301 Sa S ind Cloud Type Weath. Data Location 02 4830132461 Sample Bot. Data Therm-P Avg Tw 6.15 Tape/Diskette I.D. Wind MA488 0 S. S. Remarks 32.301 Bar. mb Sai. alste Conv. Mon. Values-CTD F616 SEIR 2133 0 0 BIBA 7117 JD/Time Cond. Wet Bulb Instructions Temp. 5.631 Dry Bulb Data off\_ 018555402N1560000W27MAY818212307 at Bottom\_ Times Data on at Surface. Start Up. at Surface. Start Down. 69,235 Event# Vessel Sta. I.D. Press. Ţ. Min. Time GMT Other at Surface ۲, Longitude E Date JD = 148 **Monitor Checks** ο̈́ Monitor Values Cond. Day MF-88-06 Temp. ≯ Proj. & Leg on Deck Press. 018 MILLER FREEMAN Temp. -Cond. Other. Press. 21324b Bot. Rack Depth Depth Trip Time @ Vessel CTD SBE 91220 B Ω i. Latitude 26072 710 304 9 5 Consec. Cast # Œ Press. SN. Temp. SN Cond. SN 252 Consec. Cast # 겁 9 2 m Ŋ • 4

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153 gm 31.83 (6) 31.83 (1) 31.83 (2) 31.823 (3) charged 0-3a 31.789 Pos. 2 m 2 S 4 S • 0 =  $\infty$ Sta. Name Other Bot. # Samp. Pg. 19 of Sta. Designation バミン File Name/Header 27 MAYAZA 5 0 2 Sal. 75 Depth, m Bottom 33.521 Sal. Data Location Cloud Type Weath. 025221 Sample Bot.Data Therm-P Avg Tw Tape/Diskette I.D. Wind Dir. 6 O Remarks .S .S. **7** 33.523 Bar. mb 4 Sal. Ø SOCKER Conv. Mon. Values-CTD ASSA 15.66 HEER 0 Cond. D/Time Wet ~ Instructions Temp. <u>ه</u> 5,251 Dry Bulb at Surface. ယ Data on. Start Up. at Surface. at Bottom. **Times** Start Down. Data off 788.495 Event# Vessel Sta. I.D. 263 Press. 7 7 Hr. Min. Time GMT 2 Other at Surface 00 W 27MAY88 Ϋ́r. Longitude E Date JD = 148 Monitor Checks or W Day Mo. Monitor Values Cond. Proj. & Leg MF-88-06 Temp. on Deck 0195554 66 10561 Press. 019 MILLER FREEMAN Press. Cond. Other\_ Temp. THIE CE Bot. Rack Depth Depth Trip Time @ Z S Vessel CTD Type & SN SBE 91220-B <u>Σ</u> Latitude 26072 710 르 Consec.Cast # Press. SN\_ Temp. SN. Cond. SN. T Cast # Consec. 7 2 Pos • œ 4 m 10 4

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154 no change Sta. Name Pg. 20 of 80 Other Bot. # Samp. THEEKHULE Sta. Designation File Name/Header 220 Sal. 2 Depth, m 100 104 Bottom 32.123 Sal. Data Location Cloud Type Weath. 1 7 2 6 1 Sample Bot.Data DIDN'T TRIS Avg Tw Tape/Diskette I.D. Wind Therm-P 6 2 THERMS 00 .siV Remarks <u>s</u> :s 3 32.134 Bar. mb 3 Sal. 0 3343 3355 3346 Conv. Mon. Values-CTD SHEE **JD/Time** Cond. Wet Bulb **0**1 Instructions Temp. 4.822 Py Bulb at Surface. at Surface. 6 at Bottom. Start Up. Start Down. Data off Data on. Event# Vessel Sta. I.D. Press. 98.341 02055555818115615100W27MA11883347 Hr. Min. Time GMT Other at Surface Υ. E Date JD = 148 **Monitor Checks** or W Day Mo. **Monitor Values** Cond. Vessel Proj. & Leg MILLER FREEMAN MF-88-06 Temp. on Deck Longitude Press. Temp.\_ Cond. Press. Other. Deg. 235450 000438 Bot. Rack Depth Depth Trip Time @ o s Vessel CTD SBE 91220-B Σ Ë Latitude 26072 070 710 305 Consec.Cast # Deg. अन्य क Press. SN\_ Temp. SN. Cond. SN. Consec. Cast # 업 9 Pos 4 m 'n • 00 0 4

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31.656(0) changed 0-3m to 31.611 5 (1 Sta. Name 2 2 = Pg. 21 of 80 or I.D Other Bot. # Samp. Sta. Designation File Name/Header FEOOCH M SE Sa. 4 00 Depth, m Bottom 67 W 31.819 S ind Cloud Type Sal Data Location -2 2 Sample Bot.Data Avg Tw 5.30 4 Tape/Diskette I.D. Wind ۵ï. Therm-P N94388 6 2 44 ф Ф S. S. Vis. Remarks 31.822 Ŋ Bar. mb Sal. 0 **6400** Conv. Mon. Values-CTD 0041 5500 100 5500 0620 ID/Time Cond. Wet Bulb Ф Instructions 5.306 Data on 149 Temp. စ Dry Bulb 6 at Bottom\_ Times at Surface. Start Up. at Surface. Start Down. Data off H3.187 Proj. & Leg FCU SB IV Event# Vessel Sta. I.D. MF-88-06 165 Press. ტ ტ Hr. Min. Time GMT 1 5 6 2 1 1 5 W 3 8 M A 1 8 8 0 0 Other at Surface Day Mo. Yr. E | Date | JD = 149 Monitor Checks **Monitor Values** Cond. Temp. ъ≥ on Deck Longitude Press. MILLER FREEMAN Temp. \_ Cond. Press. Other. Deg. 004815 005307 Bot. Rack Depth | Depth | Trip Time @ 02155612W Z S Vessel CTD Type & SN SBE 91220-B Ξ̈̈ Latitude 26072 710 304 021 A T Ę. Consec.Cast # Deg. SHS A Press. SN\_ Temp. SN Cond. SN. Consec. Cast # 겁 9 M 00 2 4 S •

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gar 31.659 महाराह की 156 change 3 m charach 12m .zoq Sta. Name 0 Pg. 22 of 80 œ Other Bot. # Samp. Sta. Designation 28MAY0449 File Name/Header Sal. 2/9 Bottom Depth, m 33.671 Vind Cloud Type Weath. Sal. Data Location 4828516141 Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Therm-P .siV Remarks .S .S 33.673 70 Bar. mb Sal. 1D/Time 149 / 0453 Conv. Mon. Values-CTD 0502 0455 0225556 32N15626 01W28MAY880455 1000 80 5050 0502 0454 Cond Wet Bulb Instructions Temp. 5,112 Start Down\_ at Surface\_ at Bottom\_ Start Up. Data on\_ at Surface. Times Data off 207.223 Proj. & Leg FOCI 83 III Event# Vessel Sta. I.D. Press. Hr. Min. Time GMT Other at Surface W Day Mo. Yr. Longitude E Date JD = 149 Monitor Checks **Monitor Values** Cond. MF-88-06 Temp. on Deck Press. 022 MILLER FREEMAN Temp.\_ Cond. Other. Press. Deg. 050249 Bot. Rack Depth | Depth | Trip Time @ z Vessel Type & SN SBE 91220 B 30H GEONE 910 Min. Latitude 208 Consec. Cast # Press. SN\_ Temp. SN Cond. SN. Cast # Consec. 3 2 7 4 m  $\infty$ 0 Ŋ • 4

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Type
Weath. Sal. Data Location Sample Bot. Data 0245558129N15637193W28MAY8806320175061504382991814 Avg Tw 4.93 Tape/Diskette I.D. Wind Therm-P 147 .ziV Remarks S.S. 32.152 Bar. mb Sal. JD/Time 149 /0630 Conv. Mon. Values-CTD 0638 0632 0638 0638 Cond Wet Bulb Instructions Temp. 4.932 Dry Bulb Times Data off Data on at Surface. at Bottom. Start Up. at Surface. Start Down. 147.078 Consec.Cast # Vessel Proj. & Leg FOC! 88 IV Event # Vessel Sta. I.D. Alf-89-O6 271 Press. Hr. Min. Time GMT Other at Surface W Day Mo. Yr. Longitude E Date D = |A|9**Monitor Checks** Cond. **Monitor Values** Temp. ō on Deck Press. Temp. \_ Cond. Other, Press. Deg. 064015 06451) Bot. Rack Depth Depth Trip Time @ Z Min. Latitude 26072 20 304 170 Deg. Press. SN\_ K Temp. SN. Cond. SN. 252 Cast # Consec. 2 9 00 0 2 4 'n 9

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No change Salmity & Temp not stable at may depth: no sound telean .coq 7 Ŋ ø 9 Sta. Name Pg. 25 of 80 or I.D Sal. Other Bot. # Samp. Sta. Designation File Name/Header 28 MAY 0733 Bottom Depth, m 00 Sal. Sp. Cloud Type Weath. Data Location Sample Bot. Data Avg Tw 053828619 Tape/Diskette I.D. Wind Therm-P .siV Remarks S S 31.832 Bar. mb Sal. 0738 0738 0739 JD/Time 49 / 0734 Conv. Mon. Values-CTD 0735 6 2 0735 Cond Wet Bulb Instructions N Temp. 4.988 ٦ Dry Bulb Times at Surface. Data on at Surface. Start Down. at Bottom\_ Start Up. Data off. Consec. Cast # Vessel Proj. & Leg FOCI 88 II Event # Vessel Sta. I.D. MF. 88-06 273 76.579 Press. 0125555918171156431114W1218M1A11818017135 Hr. Min. **Time** GMT Other at Surface Longitude E Date JD = 149 W Day Mo. Yr. **Monitor Checks Monitor Values** Cond. MF-88-06 Temp. ō on Deck Press. Temp.\_ Cond. Other. Press. Deg. 073832 Depth Trip Time @ CTD Type & SN SBE 9/220-B Ξ ij Latitude 26072 304 Bot. Rack Depth rip Deg. Press. SN\_ Temp. SN. Cond. SN. 251 Consec. Cast # 건 9 = 2 m S • 00 0 4

Sovered on \$2 Sta. Name 2 Pg. 26 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 9 Sal. 28MA1082 ∞ ∞ -Bottom Depth, m 32.330 Sal. Data Location Weath. Sample Bot.Data Cloud Type Avg Tw Sp. Tape/Diskette I.D. Wind Dir. Therm-P 063830 S. S. Vis. Remarks 32.329 Bar. mb Sal. JD/Time 149/0829 Conv. Mon. Values-CTD σ 0837 0836 0830 08.36 O830 Cond. Wet Bulb 6 Instructions 4.825 Temp.  $\alpha$ Pry Bulb 0 Start Up. Data off\_ at Bottom\_ Data on\_ at Surface. Start Down\_ at Surface. Times Proj. & Leg FOCI 88 TF Event# Vessel Sta. I.D. ME-88-06 76.805 Press. 026555503N15642177W28MAY880830 Hr. Min. **Time** GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 149 **Monitor Checks** Monitor Values Cond Temp. on Deck Press. MILLER FREEMAN Temp.\_ Press. Cond. Other. 083707 Bot. Rack Depth Depth Trip Time @ Z o S GEODE Type & SN\_SBY\_QIBBOD 304 Vessel 310 Ξ̈́ Latitude Consec. Cast # 026 Deg. ı Press. SN. Temp. SN. Cond. SN. Cast # Consec. 33 9

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53 Jangs 0 m to 31.583 2 <u>•</u> = Sta. Name Pg. 27 of 80 or I.D Other Bot. # Samp. Sta. Designation File Name/Header 28 MAY 0912 Sal. 90 222 Depth, m Bottom 33.549 Sal Son Type
Type
Weath. Data Location 0 6 0 0 6 3 8 3 0 0 1 5 1 1 4 11 Sample Bot.Data Avg Tw 51.13 Tape/Diskette I.D. Wind Therm-P 717 S.S. Remarks 33.551 ₽ P Bar. Sal. JD/Time '9/09/6 Conv. Mon. Values-CTD 0925 0918 093 Cond. Wet Bulb Instructions Temp. 0 2 0 8 5.155 Beby Start Down\_ Data on at Bottom\_ **Times** at Surface. Start Up. at Surface. Data off 212.540 Proj. & Leg FOCI 88 II [Event#] Vessel Sta. I.D. Press. Hr. Min. Time GMT 0 0 Other at Surface 0275549199N15643116W2BMAYBB W Day Mo. Yr. Longitude E Date JD = 149Monitor Checks Cond **Monitor Values** Temp. on Deck Press. 027 | MILLER FREEMAN Temp. Other\_ Press. Cond. Deg. 092620 093120 Bot. Rack Depth Depth Trip Time ® Vessel CTD SEE 91220-B Latitude Ξ Ξ 26072 100 Consec. Cast # Deg. Press. SN\_ Temp. SN Cond. SN 252 Cast # Consec. 2 2 5 ~ m 4 9 \_

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Instructions	Dry	7 7 0 6		a c	E 6	Σ	. —	5.186				·			:	4				
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Consec.Cast	Consec.	0 2 8	CTD Type & SN	Press. SN Temp. SN	Cond. SN		Sot. Rack		2	3	4	25	9	7	<b>∞</b>	6	0	11	12	

SS no change Pos. Sta. Name or I.D 7 m Ŋ 4 Pg. 29 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 28 MAY 1052 08 Sal. 209 Depth, m Bottom 31.844 Sal Cloud Type Weath. Data Location 3828310261 Sample Bot. Data Avg Tw . Mind Tape/Diskette I.D. Wind Dir. Therm-P S.S. Remarks 31.843 0 Bar. mb Sal. Conv. Mon. Values-CTD 1036 JD/Time /49 / 1054 050 1103 0 6 3 201 Cond. Wet Bulb Instructions Temp. 4.636 Dry Bulb 5607 Start Up. at Surface. Start Down\_ at Bottom. at Surface. Data off. **Times** Data on | Vessel | Proj. & Leg FOCI 86 II Event | Vessel Sta. I.D. | MILLER FREEMAN | MF-88-06 | 279 | 99.201 Press. Hr. Min. Time GMT Other at Surface 15643222W20MAY818 Ϋ́r. Longitude E Date JD = 149 **Monitor Checks** or W Day Mo. Cond. Monitor Values Temp. on Deck Press. Cond. Temp. Other. Press. Deg. 80801 Bot. Rack Depth Depth Trip Time @ Zos 0295539192N Type & SN SBE 9/220 · B Ξi. 26072 710 304 66 Consec.Cast # Deg. Press. SN\_ Temp. SN. Cond. SN. Cast # 251 Consec.

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Jan 31.420 charage Oan Sta. Name or I.D Pos. m Pg. 30 of 30 Other Bot. # Samp. Sta. Designation File Name/Header 28 MAY 1138 Sal. 60 Bottom Depth, m 174 32.073 Sal. So ind Cloud Type Weath. Data Location 063825811261 Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Therm-P .si∨ Remarks S S 32.07 Bar. mb Sai Conv. Mon. Values-CTD 0305534 82N15643 111 W 28MAY 8811 44080070 JD/Time 149 | 1142 150 1144 150 Cond Wet Instructions Temp. 4.791 Dry Bulb Times at Surface. Start Down. at Bottom\_ Start Up. at Surface. Data off. Data on. 165.178 Proj. & Leg FOC1 88 耳 Event# Vessel Sta. I.D. Press. Hr. Min. **Time** GMT Other at Surface W Day Mo. Yr. Longitude E Date  $D = |\psi\rangle$ Monitor Checks Monitor Values Cond MF-88-06 Temp. on Deck Press. Vessel O30 MILLER FREEMAN Temp.\_ Cond. Other. Press.. Deg. 11504 Depth Trip Time @ CTD SBE 91220-B Latitude Ξ ij 26072 710 Bot. Rack Depth <u>L</u> Consec.Cast # Deg. Press. SN\_ Cond. SN\_ Temp. SN. Consec. Cast # 155 겉 <u>\_</u> Pos N m • 00 0 LŊ 4 -

changed 0-1m 185.15 Rd 2 m 4 • = Sta. Name Pg. 31 of 80 <u>ー</u> Other Bot. # Samp. Sta. Designation File Name/Header 28 MAY 1254 Sal. 8 Bottom Depth, m 32.400 So in Cloud
Type
Weath. Sa Sa Data Location 5539194W156518110W28MAY881130206150600003825819261 Sample Bot. Data Therm-P | Avg Tw 5.42 Tape/Diskette I.D. Wind .siV Remarks S S 32.400 Bar. mb Sal. Conv. Mon. Values-CTD 1302 1302 1305 1312 Cond. Wet Bulb Instructions 5.434 Temp. Ory Bulb Times Data on\_ at Surface\_ Start Down\_ at Bottom. Start Up. at Surface. Data off Vessel Proj. & Leg Foct 88 II Event# Vessel Sta. I.D. MILLER FREEMAN MF-38-06 282 79.311 Press. Hr. Min. **Time** GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 149Monitor Checks **Monitor Values** Cond. Temp. on Deck Press. Temp. Cond. Press. \_ Other. Deg. 130645 131157 Bot. Rack Depth Depth Trip Time @ Vessel CTD Type & SN SBE 91220 B Latitude Ξ. 26072 031 710 304 000 Consec.Cast # Deg. Press. SN\_\_ ⋖ Cond. SN\_ Temp. SN\_ 031 252 Consec. Cast # 2 9 .coq 2 • œ 4 5

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SIO no change .so9 2 4 Sta. Name Pg. 33 of 80 018 or I.D Other Bot. # Samp. Sta. Designation File Name/Header 28MAY 1349 Sal. 9 Bottom Depth, m 32.268 Sal Cloud Type Weath. Data Location 382481666 Sample Bot. Data Avg Tw Sp. Tape/Diskette I.D. Therm-P Ģ. S. S. Vis. Remarks 33.269 0 Bar. mb Sal Conv. Mon. Values-CTD 1358 7 10/7 1401 1401 Cond. Wet Bulb 90 Instructions 0 Temp. 85.22 E.203 Dry Bulb 0 7 Start Down\_ Start Up. Data on. at Surface. at Bottom. at Surface. Times Data off Event# Vessel Sta. I.D. 283 5/8 Press. **Time** GMT Hr. Min. Other at Surface 1565813W2BMA888 or W Day Mo. Yr. Longitude E Date JD = /49**Monitor Checks** Cond. **Monitor Values** MILLER FREEMAN MF 88 OL Temp. Proj. & Leg Press. Temp. -Cond. Other. Press. 140134 Bot. Rack Depth Depth | Trip Time @ 032554501N ρS SED GLASOB Vessel **HOC** 9 SEOOL Latitude Ξ Äi 5 98 Consec. Cast # Deg. CTD Type & SN\_ Press. SN. Temp. SN. Cond. SN 251 Cast # Consec. 7 2 0 00 M 'n •

S 9 change 0-1m cheangh tam ym 32.155 to 32.101 for 32.136 \$15.15 mg 2 = Sta. Name Pg. 33 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 28 MAY 1431 102 Sal. 5 Depth, m Bottom 32.244 Sal So Cloud
Type
Weath. Data Location 1990000108010 Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind Remarks 32.24! Bar. mb Sal. 1446 10/Time Conv. Mon. Values-CTD 033555004N15657999W28MAB8814410699061 1444 1441 1445 1441 Cond Wet Bulb Instructions Temp. 94.592 B.513 Dry Bulb Times Data on\_ at Surface\_ at Bottom\_ Start Up. Start Down\_ at Surface. Data off Event# Vessel Sta. I.D. Press. Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = JH9Monitor Checks **Monitor Values** Cond. MILLER FREEMAN MF-88-06 Temp. Proj. & Leg on Deck Press. Temp.\_ Cond. Other. Press. Deg. 144533 Bot. Rack Depth Depth Trip Time @ Latitude N Type & SN\_SED SIZED Vessel 26073 310 304 Ξi 95 Consec. Cast # Deg. Press. SN\_ Temp. SN. Cond. SN 250 Cast # Consec. 겁 9 2 m 10 9 4

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299:16 way changed 2m S 8 m 4 S 00 0 Sta. Name Pg. 34 of 20 SS ە<mark>- ا</mark> Other Bot. # Samp. Sta. Designation File Name/Header 38 शावना द्वाट Sal. 9 Depth, m Bottom 32.101 Sal Data Location 19991988880 Sample Bot. Data Avg Tw 30.7 Tape/Diskette I.D. Wind Therm-P ナニ .siV Remarks S.S. 33.108 Bar. mb Sal. 1528 1533 1538 Conv. Mon. Values-CTD 1537 034555505N1565805W38MR3881530690 1533 Times JD/Time
Data on 148 1519 Cond. Wet Bulb Instructions Temp. 116.090 4.863 Dry Bulb at Surface. Start Down. at Bottom. Start Up. at Surface Data off Event# Vessel Sta. I.D. Press. Hr. Min. Time GMT Other at Surface Longitude E Date JD = 148 W Day Mo. Yr. **Monitor Checks** Cond. **Monitor Values** MILLER FREEMAN MF-88-00 Temp. Proj. & Leg on Deck Press. Temp. \_ Cond. Other. Press. 152855153343 Bot. Rack Depth Depth Trip Time @ Latitude N Type & SN\_SBD SLAGE Vessel BEODE 410 304 Ω in. 9 Consec. Cast # Deg. 4 Press. SN. Temp. SN Cond. SN 252 Cast # Consec. 7 9 = 0  $\infty$ 

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changed or Im 15.15 mg 57 Pg. 35 of BO 4 Sta. Name or I.D Other Bot. # Samp. 28 M RY 1606 Sta. Designation File Name/Header Sal. 0 Depth, m Bottom 31.902 Sa Data Location Cloud Type Weath. 034836018460 Sample Bot. Data Avg Tw 1 Tape/Diskette I.D. Wind Therm-P S. S. Remarks 31.899 Bar. mb Sai. 1613 1614 1610 1614 1610 Conv. Mon. Values-CTD 00 11008 Cond. JD/Time Wet Bulb 1006 6 5 05 Instructions FO9.4 | CHE,601 Temp. Dry Bulb at Bottom\_ Times at Surface... Start Down, Start Up. at Surface Data off Data on. Event# Vessel Sta. I.D. Press. Hr. Min. Time 0355600113N15657199W28MABB16 Other at Surface or W Day Mo. Yr. Longitude  $E \mid Date \mid D = 148$ **Monitor Checks Monitor Values** Cond Vessel Presmall MF-88-06 Temp. on Deck Press. Temp. Cond. Other. Press. 161438 Bot. Rack Depth Depth Trip Time @ Z Type & SN SED GLASSE Sec 33 TOC OF Ξi Latitude Consec. Cast # 035 Deg. Press. SN\_ Temp. SN Cond. SN 35 Cast # Consec. 겁 <u></u> 0 00 10 •

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Data on 149 1934 Cond Wet Instructions Temp. 98.446 H.952 Dry Bulb at Surface\_ Start Down\_ at Bottom. Start Up. at Surface. Data off Event# Vessel Sta. I.D. Press. Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 149 Monitor Checks Cond Monitor Values Vessel MILLER FREENAN MF-88-06 Temp. on Deck Press. Temp. -Cond. Press. Other. Deg. BOOMS S Bot. Rack Depth Depth Trip Time @ o s Vessel Ξ 26072 Latitude 710 304 Consec. Cast # 00 ١ Press. SN\_ Temp. SN. Cond. SN 186 Cast # Consec. 2 9 = 4 m S • œ 0 4

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S I 00 Sta. Name Pg. 41. of 80 Other Bot. # Samp. AS MAYAOST Sta. Designation File Name/Header 00 S Bottom Depth, m 32.273 Sal Data Location Меагh. C88410F18800 Sample Bot.Data Cloud Type Avg Tw Tape/Diskette I.D. Wind Therm-P S. S. Vis. Remarks 33.370 Bar. mb Sal. FONO 3108 2103 Conv. Mon. Values-CTD 9050 HOIE 0 0 200E Cond. JD/Time Wet Bulb Instructions Temp. 4.983 08010 Dry Bulb at Bottom\_ at Surface. Times at Surface\_ Data on\_ Start Up. Data off Start Down 82.432 Event# Vessel Sta. I.D. スペ名 Press. Hr. Min. **Time** GMT 1 C 8 8 K H M 8 C M C 8 C 1 L S 1 N O P P C S S 1 H O Other at Surface or W Day Mo. Yr. Longitude E Date JD = 149 Monitor Checks **Monitor Values** Cond Freeman MF-88-06 Temp. Proj. & Leg on Deck Press. Temp.\_ Cond. Other. Press. SHEOLE Bot. Rack Depth | Depth | Trip Time @ s o Vessel CTD Type & SN SED 91220-B SECOLE 304 OIE Ξ ij Latitude 83 Consec.Cast # Deg. 1 140 Press. SN\_ Temp. SN\_ Cond. SN. 100 Cast # Consec. 2 2 0 Pos. œ m 5 •

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(6) 638.18 (7) 31.876 (8) 808.18 Sa 3 Janage O-3m to 31913 Sta. Name 00 0 Pg. 42 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 28 राम्प्रायाद्य Sal ナロー de Depth, m Bottom 32.25 Sal. So Type
Type
Weath. Data Location 986109186PP Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind Therm-P ۵ ت S.S. Remarks 32.231 Bar. mb Sal. Conv. Mon. Values-CTD 3302 1 W 3 8 M A 8 8 8 2 3 0 0 0 5 4 0 4 8 5066 HOEE 3300 JD/Time 2159 Cond. Wet Bulb Instructions Data on 149 Temp. オケド、ナ Dry Bulb Times at Surface\_ Start Down\_ at Bottom\_ at Surface. Start Up. Data off 96.932 Event# Vessel Sta. I.D. Press. Hr. Min. **Time** GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 149 Monitor Checks Sond **Monitor Values** Miller Freeman MF - 88-010 Temp. Proj. & Leg on Deck 186131 Press. Temp.\_\_ Cond. Other. Press. Sacy Bot. Rack Depth Depth Trip Time @ s o Vessel CTD Type & SN SED SYSSOTE GEOOG OFF 304 Ω ïi. Latitude TO Consec.Cast # Deg. ŀ Press. SN\_ Temp. SN Cond. SN 250 Cast # Consec. 건 0 М • œ

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520 Ros. Pg. 45 of 80 Sta. Name  $\infty$ = Other Bot. # Samp. 38 MAY 2356 Sta. Designation File Name/Header Sa. 0 9 Initials Bottom Depth, m 32.067 Sal. Data Location Weath 6888006188FP Sample Bot. Data Cloud Avg Tw Tape/Diskette I.D. Wind ٥ ت. Therm-P Remarks S S S2.072 Bar. mb Sai. Conv. Mon. Values-CTD rt 9000 FOOD FOOD Data on 150/000 4000 0000 Cond. JD/Time Wet Bulb 04555400008880MP8EFEFE Instructions Temp. 82,756 4.559 Dry Bulb Start Up. Times at Surface... Start Down\_ at Bottom\_ at Surface. Data off Event# Vessel Sta. I.D. ඔටුට Press. Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 150 Monitor Checks Cond Monitor Values Feeman MF 88-06 Temp. on Deck Press. Temp. \_ Cond. Other. Press. 500713 Bot. Rack Depth Depth Trip Miller Z 20 Vesse Type & SN SED GREATER **अ००नव** OIF HOE Ξ ij Latitude 63 Consec. Cast # Deg. OHE Press. SN\_ Temp. SN. Cond. SN. Cast # Consec. 겁 9 0 m • œ .co9 2 4 LO. 1

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no emenage 5-5 .coq Pg. 446 of 80 Sta. Name Other Bot. # Samp. Sta. Designation S19 File Name/Header HOOK WUSE 3 Sal. Bottom Depth, m 32.063 So in Cloud Type Weath. Sal. Data Location 046555994N15721836008880052008881218128128120088882 Sample Bot. Data Therm-P | Avg Tw 4.58 Tape/Diskette I.D. Wind MA 488 5 S.S. Remarks 33.060 Bar. mb Sal. 00 56 0055 0055 Conv. Mon. Values-CTD 0053 004g 0051 Cond JD/Time Wet Bulb Instructions Temp. FF3.7 116.86 Dry Bulb Times at Surface. at Bottom\_ Start Up. at Surface. Data on. Start Down, Data off. Event# Vessel Sta. I.D. Press. Ţ. Δir. **Time** GMT Other at Surface Longitude E Date JD = 150Ϋ́. Monitor Checks W Day Mo. Monitor Values Cond. Miller Freeman MF 88 06 Temp. Proj. & Leg on Deck Press. Temp. \_ Cond. Press. Other C05638|010132 Bot. Rack Depth Depth Trip Time @ o S Type & SN SED GISSOR SEOSE 304 100 Ξ Latitude 6 Consec.Cast # Deg. Œ Press. SN\_ Temp. SN Cond. SN 253 Consec. Cast # 2 9 = Pos. 4 m Ŋ • œ 0 4

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change at m Jan 31.460 Sta. Name or I.D 3 4 Pg. 50 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 29 MAY 05/18 129 Sal. Depth, m Bottom 31.896 Sal Cloud Type Weath. Data Location 953810012882 Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind Therm-P .s.S. Remarks 31.894 Bar. mb Sal. JD/Time 150 / 0525 0532 Conv. Mon. Values-CTD 053 0527 0 5 8 0531 Cond. Wet Bulb Instructions Temp. 10N15654 84W29MAY8805270718 4.490 Dry Bulb at Surface. Start Down\_ at Surface. Data on at Bottom\_ Start Up. Data off. **Times** Vessel Proj. & Leg FCC1 88 TV Event# Vessel Sta. I.D. MILLER FREEMAN MF-88-06 70.222 Press. Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 150**Monitor Checks** Cond. Monitor Values Temp. on Deck Press. Temp.\_ Cond. Other. Press. Deg. ०ऽउ।ऽभ Bot. Rack Depth Depth Trip Time @ o S CTD Type & SN\_SBE\_91220 - B Latitude Ξ. 26072 050 0505624 710 120 Consec.Cast # Deg. Press. SN\_ Temp. SN. Cond. SN 251 Consec. Cast # 껕 2 4 'n • / 0

changed 0-3m 150 19 31.455(0) to 31.532 Sta. Name or I.D .soq 4 Pg. 51. of 80. Other Bot. # Samp. Sta. Designation File Name/Header 29MAY0557 60/ Sal. 34 Depth, m Bottom 31.695 Sa Cloud Type Weath. Data Location 053810012882 Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind Dir. Therm-P S. S. Vis. Remarks 31.697 Bar. mb Sal JD/Time /50 / 0602 Conv. Mon. Values-CTD 0608 9090 2090 0 7 0 0604 0608 Cond. Wet Bulb Instructions Temp. 102.959 4.824 15656196W29MANBBOG050718 Ory Bulb at Surface. Data on at Surface\_ Start Down\_ Start Up. Times at Bottom. Data off. Proj. & Leg Foct 88 IT Event# Vessel Sta. I.D. Press. Time GMT Hr. Min. Other at Surface or W Day Mo. Yr. Longitude E Date JD = /50**Monitor Checks** Cond. Monitor Values MF-88-06 Temp. on Deck Press. MILLER FREEMAN Temp. Cond. Other. Press. Deg. 060857 Bot. Rack Depth Depth Trip Time @ 5626172N S o Vessel CTD SBE 91220-B Latitude Ξ ïï. 26072 710 304 051 103 Consec.Cast # Deg. 1 Press. SN\_ Temp. SN Cond. SN. 5 Cast # 15% Consec. 2 9 M 00 0 Pos. d 10 • 4 /

31.507 (3)

no change .soq 2 M 4 'n • 2 = Sta. Name œ 0 5 Pg. 52 of 80 15 or I.D Sal. Other Bot. # Samp. Sta. Designation File Name/Header 29 MAY 0657 5 Bottom Depth, m 35 So Signature Cloud Type Weath. 31.621 Sa Data Location 953806510882 Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind S.S. Remarks 31.62 Bar. mb Sal. Conv. Mon. Values-CTD 115/700 6/7 W 29 M A Y 8/8 0/7 0/1 0/7 10 06 10 150/0659 0703 0700 070 0703 0704 JD/Time Cond. Wet Bulb Instructions Temp. 5.626 Dry Bulb Start Up. at Bottom\_ Times at Surface. Start Down. at Surface. Data off. Data on. Vessel Proj. & Leg FOCI & II. Event # Vessel Sta. I.D. MILLER FREEMAN MF - 38-06 313 46.829 Press. Hr. Min. Time GMT Other at Surface W Day Mo. Yr. Longitude E Date JD = 150**Monitor Checks** Monitor Values Cond. Temp. o on Deck Press. Press.\_ Temp.\_ Cond. Other. , Deg. 070338 Depth Trip Time @ 525630114N Vesse CTD Type & SN\_SBE 91220-B Σ ï. Latitude 26072 052 710 Bot. Rack Depth 7 Consec.Cast # Deg. Press. SN\_ Temp. SN. Cond. SN. 251 Consec. Cast # 9 겁 m 00 0 4 S •

M 2 A changed 0-1m Jan 31.603 Pos. 7 m S 9 Sta. Name Pg. 53 of 80 Sta. Designation Other Bot. # Samp. उनमा सम्पार्ट Remarks Recovery of Current Mooring 8702 File Name/Header Bottom Depth, m Sal. 9 0 33.011 Data Location S Sp. Cloud Type Weath. Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind Dir. S.S. 33.010 Bar. mb Sal. 150a JD/Time /50/1450 1501 Conv. Mon. Values-CTD 1501 1454 Cond Wet Bulb Instructions 344.067 5.448 Temp. Dry Bulb Start Up. at Bottom\_ Times at Surface\_ Start Down\_ at Surface. Data on Data off Wessel Proj. & Leg FOCI 38 TE Event # Vessel Sta. I.D. MF- 58-06 312 Press. Hr. Min. Time GMT Other at Surface W Day Mo. Yr. Longitude E Date JD = /50Monitor Checks **Monitor Values** Cond Temp. on Deck Press. Temp. -Cond. Other\_ Press. Deg. 1502051 Time @ Depth CTD Type & SN\_SBE 91220-B Latitude Ξ Ξ 26072 304 7/0 Bot. Rack Depth HHO Consec.Cast # Deg. 1 Press. SN\_ Temp. SN. Cond. SN. Cast # 251 Consec. 9 겉 • 00 0 4 'n

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TOXON .coq 2 Sta. Name Pg. 54 of 80 Other Bot. # Samp. DEEE WAN PE Sta. Designation File Name/Header FOXE <u>0</u>0 Sal. Bottom Depth, m 33.097 Sal. So in Cloud Type Data Location 953805016872 Sample Bot. Data Therm-P | Avg Tw Tape/Diskette I.D. Wind MAYSS S. S. Vis. Remarks 33.098 Bar. mb Sai. Conv. Mon. Values-CTD 3336 PAR T 3337 deep SAAL Cond. Wet Bulb Times JD/Time Data on JSO A 3333 Instructions Temp. 287.426 5.449 Dry Bulb Start Up\_ at Surface\_ Start Down\_ at Bottom\_ at Surface. Data off. Proj. & Leg PCc! 88 TM Event# Vessel Sta. I.D. Press. Hr. Min. Time Other at Surface or W Day Mo. Yr. Longitude E Date JD = 150 Monitor Checks Monitor Values Cond MF - 38 -06 Temp. on Deck Press. MILLER FREEMAN Temp. \_ Cond. Other. Press. Deg. **बब्र अस्टर** Depth Trip Time @ Ζþς CTD SBE 91220-B Vessel Ξ ij Latitude 26072 710 Consec. Cast # 054 304 Bot. Rack Depth F86 Deg. ł Press. SN\_ Temp. SN Cond. SN. 1351 Consec. Cast # .so9 2 9 2 m 'n • 00 0 4

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9 6 4 8 0 5 0 19 8 62 0 29 5 FOX 60 4 Sta. Name Pg. 55 of 80 Other Bot. # Samp. 29 MAY 3302 Sta. Designation Fox 60 File Name/Header Sal. Depth, m Bottom 3 Data Location 295 33.042 Saj Cloud Type Weath. Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind MAYSS .siV Remarks S.S. 33.043 Bar. mb Sal. 3333 Conv. Mon. Values-CTD JD/Time HEEE 0 7 5 SEE Cond. Wet Bulb 2712 Instructions Data on 150 Temp. 0555141 00 N15510 03 W29MA28821100 114 5.478 Dry Bulb Data off\_ at Surface\_ Start Down\_ Times at Bottom\_ Start Up. at Surface. 283.378 Proj. & Leg FXI 88 TL Event# Vessel Sta. I.D. MF - 88 - 06 333 Press. Hr. Min. Time GMT Other at Surface W Day Mo. Yr. Longitude E Date JD = 150 Monitor Checks Monitor Values Cond. Temp. on Deck OSS | MILLER FREEMAN Press. Temp.\_ Cond. Other. Press. Deg. 33310 Depth Trip Time @ Vessel CTD Type & SN\_SBE 91220-8 Latitude Min. 26072 710 304 Bot. Rack Depth Consec.Cast # Deg. Press. SN\_ Temp. SN Cond. SN. 241 Consec. Cast # 2 9 • 00 4 10

258F0X59 Ŋ • 2 Sta. Name Pg. 56 of 80 Other Bot. # Samp. Sta. Designation File Name/Header S Bottom Depth, m 7 Data Location 262 32.837 Sal Cloud Type Weath. 480411211862 Thermoneter did not trip Sample Bot.Data Therm-P | Avg Tw Tape/Diskette I.D. Wind .S .S .siV Remarks mar 32.837 <u>6</u> Bar. mb Sal. Conv. Mon. Values-CTD Times JD/Time Data on 0008 Cond C Instructions 0 8 6 0 Data off 00/9 at Surface 0018 at Bottom 0019 Start Up 6021 Start Down 0011 Temp. 198,220 5475 Dry Bulb at Surface\_\_ Press. Vessel Proj. & Leg FOCI 88 IV Event# Vessel Sta. I.D. MF-88-06 334 Įr. Min. Time GMT 15505174W30may8800 Other at Surface W Day Mo. Yr. Longitude E Date D = |5|**Monitor Checks** Cond **Monitor Values** Temp. on Deck Press. Press. \_ Temp. Cond. Other\_ Deg. 016200 Depth | Trip Time @ 56573692N 002210 CTD Type & SN SBE 91220 - B Latitude 26072 710 Bot. Rack Depth 96 Consec.Cast # Deg. 1252 A Press. SN\_ Temp. SN\_ Cond. SN\_ Consec. Cast # 4 Ю •

242Fo758 2 4 œ 0 Pg. 57 of 80 Sta. Name o J. Bot, # Samp. Sta. Designation File Name/Header 36 May 0057 Sal. N Depth, m Bottom 32.562 Sal. Cloud Type Weath. 19811191101817 Data Location Sample Bot. Data 5.27 Therm-P Avg Tw Ş. Tape/Diskette I.D. Ģ. 15 May 28 .siV Remarks .s .s 32.564 25 Bar. mb Sal. Conv. Mon. Values-CTD 3110 Cond. Wet Bulb JD/Time Instructions Data off \_ 0/13 at Surface 01 93 Start Down 01 04 at Bottom 0112 Data on 6100 Start Up 0114 Temp. 782.2 HLBSL dolls 9 W130 May 1818 011 104 01 18 at Surface\_ Times Press. Event# Vessel Sta. I.D. Hr. Min. Time GMT Other at Surface Mo. Yr. Longitude E Date D = |5|**Monitor Checks** Cond Monitor Values or W Day Proj. & Leg MF- 89-06 Temp. on Deck Press. OS7 MILLER FREEMAN Temp. Press.\_ Other, <u>v</u> Cond Deg. 011510 012010 Depth Trip Time @ 15/75/7/3/6/40M o o Vessel CTD Type & SN\_SBE 91220-B Ξ ï. Latitude 26072 710 304 Bot. Rack Depth 176 Consec.Cast # Deg. 252 A Press. SN\_ Temp. SN. Cond. SN Consec. Cast # 2 2 0 • œ 'n

2341Flok 57 m 4 9 0 Sta. Name Pg. 58 of 80 or I.D Other Bot. # Samp. Sta. Designation Fox 57 File Name/Header 30 may 0146 90 Sal. Depth, m Bottom 32.993 954801213862 Sal Cloud Type Weath. Data Location Sample Bot. Data Avg Tw Sp. Tape/Diskette 1.D. Wind اِت تر Therm-P May opp S. S. Vis. Remarks 32.990 dm dm Bar. Sal. JD/Time 0203 Conv. Mon. Values-CTD 10202 0210 Ŋ 0211 0211 Cond 7 Wet Bulb Instructions Data on 0151 Temp. 1 221.854 5.415 망 7 Start Down\_ at Surface\_ at Bottom\_ Start Up. Times at Surface. Data off Event# Vessel Sta. I.D. 336 Press. 03 Hr. Min. Time GMT 05857330341545243W30MAY8802 Other at Surface or W Day Mo. Yr. Longitude  $E \mid Date \mid D = |S|$ Monitor Checks Cond. Monitor Values Proj. & Leg MF-38-06 Temp. on Deck Press. MILLER FREEMAN Temp. Other\_ Press.\_ Cond. Deg. 62117 Bot. Rack Depth | Depth | Trip Time @ o s Vessel Latitude Ξ ï 26072 058 710 304 222 Consec.Cast # Deg. 1 Press. SN\_ Temp. SN\_ Cond. SN 251 Cast # Consec. 9 2 4 m 4 Ŋ • 00 0

218FOX56 Sta. Designation FOX56 Sta. Name or I.D Pos. 4 Pg. 59. of 80 Other Bot. # Samp. 30 MAY 0240 File Name/Header 07 Sal. Depth, m Bottom 32.892 Sal Data Location Cloud Type Weath. 514862 Sample Bot. Data Avg Tw Wind 7 Tape/Diskette I.D. Wind Dir. Therm-P 400 S. S. Vis. Remarks 32.889 9 Bar. mb Sal. Conv. Mon. Values-CTD 0243 0715 0244 0251 0252 0251 JD/Time 151 | 024 Cond. Wet Bulb Instructions Temp. 206.688 5.354 Dry Bulb 017 at Surface. Start Up. Data on, Start Down. at Bottom at Surface. Times Data off Event# Vessel Sta. I.D. 337 Press. 4 4 Hr. Min. Time GMT 15447103W30MA388012 Other at Surface or W Day Mo. Yr. Longitude E Date JD = 151**Monitor Checks** Cond Monitor Values MILLER FREEMAN MF-88-06 Temp. Proj. & Leg on Deck Press. Temp. Other\_ Press. Cond Deg. 025150 Trip Time @ 059573090N o S Type & SN SBD 913301 Bot. Rack Depth Depth Vessel 3603B Latitude OIF #DE Ξi 207 Consec. Cast # Deg. Press. SN\_ Temp. SN Cond. SN. Cast # 251 Consec. 2

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66FOX55 Pos Sta. Name or I.D Sta. Designation FOX 55 Pg. 60 of 80 m 4 'n ∞ 0 9 Other Bot. # Samp. File Name/Header 30 MAY 0317 08 Sal. Depth, m Bottom 32.151 S Cloud Type Weath. Data Location 4801714862 Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind ۵ ۲ Therm-P S. S. Vis. Remarks 32.152 08095 Bar. mb Sal JD/Time 1 0327 0328 0332 0329 Conv. Mon. Values-CTD 033 033 Cond. Wet Bulb Instructions Temp. 0 8 8 5.089 Dry Bulb at Surface\_ Start Down\_ Times Data on\_ at Bottom. Start Up. at Surface. Data off Event# Vessel Sta. I.D. 57.272 Press. 0605728153N15HH21311W30MAYS60329 Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date  $JD = \sqrt{5}$ **Monitor Checks Monitor Values** Cond. Vessel PREEMAN MF 88-06 Temp. on Deck Press. Temp. \_ Other\_ Press. . Cond. Deg. 033153 Bot. Rack Depth Depth Trip Time @ o S Latitude N Type & SN SBD 912201 SEOJE 110 30th Min. 57 Consec. Cast # Deg. 1 Press. SN\_ Temp. SN Cond. SN 251 Cast # Consec. 겉 m S • 00 0

7 - 0 4 S 00 0 Sta. Name Pg. 61 of 80 Sta. Designation D14 or I.D Other Bot. # Samp. File Name/Header SIMA 12230 Sal. / 33 Depth, m Bottom Sa Data Location Cloud Type Weath. 1818506541 Gear comparison station Sample Bot. Data Remarks No salunty sample Therm-P Avg Tw Sp. Tape/Diskette I.D. Ö ï. .siV S.S.  $\infty$ Bar. mb Sal. 6 JD/Time /52 / 2232 Conv. Mon. Values-CTD 2233 2234 2239 9 2238 22.39 Cond. 13 Wet Bulb Instructions Temp. 6 Pry Bulb 15 Start Up. Start Down\_ at Bottom\_ at Surface. Data on\_ Times at Surface. Data off Proj. & Leg POCI 38 II Event# Vessel Sta. I.D. 13 41 Press. Hr. Min. Time GMT 15643 69 W31 MAY 882 Other at Surface or W Day Mo. Yr. Longitude E Date JD = 152**Monitor Checks** Cond. Monitor Values Temp. on Deck Press. MILLER FREEMAN Temp. -Other\_ Press. Cond Deg. Trip Time @ 38 3 / N o s Vessel Depth CTD SBE 9/220-B Latitude Ξ Ji 26072 710 Rack Depth 5 Consec. Cast # Deg. Press. SN. Temp. SN Cond. SN Bot. Consec. Cast # \_ \_ 0 2 4 4 Ŋ • œ 0

152 2 Sta. Name 4 = Pg. 62 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 05.1UN/726 Sal. 8 Bottom Depth, m 32.229 Sal Cloud Type Weath. 972 Data Location Sample Bot.Data Avg Tw 6/06/ Tape/Diskette-I.D. Wind Therm-P MAYBB 57 .siV Remarks S.S. 7 32.229 Bar. mb Sai. Conv. Mon. Values-CTD 7 9 1728 1734 1731 Cond. D/Time Wet Bulb Instructions Temp. 8 6.348 Dry Bulb **Times** Data on. Start Down\_ Start Up. at Surface. at Surface. at Bottom. Data off 82.431 Proj. & Leg FCCI BBJM Event# Vessel Sta. I.D. MF-BB-DCPress. m Η̈́. Min. Time GMT 560002W05VVW8B1 Other at Surface or W Day Mo. Yr. Longitude E Date JD = 157**Monitor Checks** Monitor Values Cond. Temp. on Deck Press. MILLER FREEMAN Temp. -Other\_ Press.\_ Cond. Deg. 173428 Bot. Rack Depth Depth Trip Time @ ZβS Vessel 062555364 CTD SBE 91220 - B Ξ . Latitude 26072 Consec. Cast # 62 304 210 8 Deg. ١ Press. SN\_ Temp. SN Cond. SN. Cast # 251 Consec.

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Sta. Name or I.D 7 4 Pg. 63 of 80 Sta. Designation 153 Other Bot. # Samp. File Name/Header 05 JUN 1823 203 Sal. Bottom Depth, m 0 33.379 Cloud Type Weath. S. Data Location 19972 Sample Bot.Data Avg Tw Tape/Diskette I.D. Wind Dir. Therm-P MAYSB S. S. Vis. Remarks 33.382 <u>~</u> Bar. mb Sal. 7 0 Conv. Mon. Values-CTD JD/Time /57 / /829 1838 1837 Cond. Wet Bulb Instructions Temp. 7 2 5.183 Dry Bulb Start Up\_ Data on\_ Times Start Down\_ at Bottom. at Surface. at Surface. Data off. 193.059 Proj. & Leg FC 138 TF Event# Vessel Sta. 1.D. Press. or GM7 W Day Mo. Yr. Hr. Min. Time GMT 1561104 WOSUNBB118 Other at Surface Longitude E Date JD = /57Monitor Checks Monitor Values Cond. Temp. on Deck Press. Temp. Press.\_ Other\_ Cond. Consec. Cast # Vesser Deg. 183903 Bot. Rack Depth Depth Trip Time @ 2 063554 83 CTD SBE 91220 - B Latitude 26072 304 193 Deg. 1 Press. SN\_ Temp. SN. Cond. SN. 251 Consec. Cast #

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54 Ros Sta. Name  $\infty$ 0 Pg. 64 of 80 Other Bot. # Samp. Sta. Designation File Name/Header 05JUN/908 Sal. 229 Depth, m Bottom 33.553 Sal Cloud Type Weath. Data Location 21420972 Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind Therm-P Οį. MAY 88 5 7 .s.S. Remarks 33.554 M Bar. mb Sal. JD/Time 157 | 1909 Conv. Mon. Values-CTD 7 8 1910 1918 6161 6/6/ 1161 Cond. Wet Bulb Instructions Temp. 0 5.154 ∞ Dry Bulb Start Up. at Surface. at Bottom. Times Data on at Surface. Start Down. Data off. 2/8.716 Proj. & Leg Foci 88 IV Event# Vessel Sta. I.D. Press. Hr. Min. Time GMT 56150 4W 0520 2881 Other at Surface or W Day Mo. Yr. Longitude E Date JD = 157**Monitor Checks** Monitor Values Cond. MF-88-06 Temp. on Deck Press. MILLER FREEMAN Temp. \_ Other\_ Press. Cond Deg. Trib 191914 Time ® Z S o 5555401 Vesse Depth CTD SEE 91220-B Ξ ii. Latitude 26072 710 304 Bot. Rack Depth 064 218 Consec.Cast # Deg. 1 Press. SN\_ Temp. SN Cond. SN. 064 12 Consec. Cast # 2 • œ 0

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Pg. 65 of 80

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Sta. Designation	Bottom Depth, m	3	-	OS JUN 1957			3	Bot. #	12										ı	
Sta. D	Type Weath. D B	N	ation	OSJUN 1957			40	Sal	33.527	,										
	Wind Sp. Cloud	718872	Data Location	<u>.</u>			Sample Rot Data	Avg Tw												
	Vind Vis Dir.	621	D.	MAY 88		rks	San	Therm-P												
	Bar. mb S.	145		 	 	Remarks	و	Sal	33.527											
Instructions	Wet	0 7 4	JD/Time	2005	2013		Values-CTD	Cond.		,   ,										
Instru	Dry Bulb	075	2		own	Start Upat Surface	Data off	Temp.	5.132											
Vessel Sta. I.D.	Time GMT r. Min.	9	i è	at Surface.	at Bottom.	Start Up. at Surface.	Dat	Press.	222.589											
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6 88 TVIEV	. <b>JD</b> = Μο.	6 W 0 5 J V N 8 B	Monitor Checks	dr.		44	Values	Cond.												
Proj. & Leg FOC1 88 TVLEvent# MF-89-06 578	P V	0 M 9	Monit	Dec K			Monitor	Temp.												
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065	Latitude Min.	559	= 91220-B	N	304		Tein T	٦	222											
Consec. Cast #	Consec.	06555	CTD Type & SN_SBE	Press. SN	Cond. SN		1	Bot. Rack D	251 - 2											

Sta. Name or I.D 2 m 4 Ю 9 2 2 œ 0 = Pg. 66 of 80 Other Bot. # Samp. 05JUN 2040 Sta. Designation File Name/Header Sal. 3 Bottom Depth, m 33.458 Sa. Cloud Type Weath. Data Location 5621413872 Sample Bot. Data Avg Tw Tape/Diskette I.D. Wind Therm-P MAY88 .si∨ Remarks .S .S 33.460 1 Bar. mb Sai. Conv. Mon. Values-CTD 8 2 57/2045 2055 2054 2047 2046 2054 Cond. Wet Bulb Instructions Temp. 5.121 Dry Bulb  $\infty$ Start Up. Times Start Down. at Bottom. at Surface. at Surface. Data off Data on 204.855 Proj. & Leg Foct 88 IV Event# Vessel Sta. I.D. Press. 066555637N1562604W053UN882047 Hr. Min. Time GMT Other at Surface or W Day Mo. Yr. Longitude E Date JD = 157**Monitor Checks Monitor Values** Cond. MF-88-06 Temp. on Deck Press. 066 MILLER FREEMAN Press.\_ Temp.\_ Cond. Other\_ Deg. 205440 Bot. Rack Depth | Trip Time @ Vessel CTD SBE 9/220 B Ξ ii Latitude 26072 304 205 Consec. Cast # Deg. Press. SN\_ Temp. SN Cond. SN. 23 Consec. Cast # 겁 9

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	Cloud Type	3872	Data Location					Sample Bot.Data	_≥	60				8							
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	mb S. S.	44	L	عادة ك		Remarks			Sal.	33.384									57		
ns	Wet Bulb	7 9 /	JD/Time	2125	21.26	2133	2132	Values-CTD	Cond.	W				· -							
Instructions	<i>&gt;</i> a		T/Q[		4 4	2			-	8	H									-	
<u>-</u>	Dry Bulb	8	Times	rface	own	Start Upat Surface	Data off	Conv. Mon.	Temp.	5.128											
Vessel Sta. I.D.	<b>Time</b> GMT r. Min.	7	<b>≓</b>	at Surface.	- Start Down.	Star at Su	- Dat	U	Press.	194.571											
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Proj. & Leg FOC1 88 IV. Event# MF-88-06 581	<u>1</u> 0 ≡ 0.	7 W 0 5 J U N 8 8	Checks	at ou		(表)		alues	Cond.												
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R FREEMAN	or S Deg.	N 156		Ċ	Temp	Cond	Other	(0)	Trip	213315		0									
Vessel   MILLER		2 O N	20-8	72	7			Time	Depth	,,											
#067	Latit	557	SBE 91220-8	26072	710			Trip	Depth	195											
Consec.Cast #	ec. # Deg.	1	حوا	Press. SN	Temp. SN	, , , , , , , , , , , , , , , , , , ,		۲	Bot. Rack	751 —											
Cons	Consec. Cast #	0 6 7	Type	Pres	Tem				oq Q	1 2	7	3	4	15	9	7	<b>∞</b>	0	9	=	12

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Sta. Designation	Bottom Depth, m	7		ne/Hea	12205				Sal.	Bot. #	15						100					
Sta. D			Ē	File Name/Header	05JUN					Sal.	32.089						¥					
	Cloud Type Weath.	8 7 2	Data Location	<b>LL</b>	7				t.Data	3	32					i	10					
	Wind Sp.	158	Data	ض			ā		Sample Bot.Data	Avg Tw							88	11				
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	S. S. Vis.	46	•	Гаре/ <del>Д</del>	MA		Remarks		13	The	7			П		-	= 100 miles		-04			
	Bar. mb	1 4			<u> </u> 		  %		0	Sai.	32.087					ı	1.1					
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Instructions		0	JD/Time	15/							~				_							
sul	Dry Bulb	1 1	es	- S	are Wn	mo Wo	d D	   #   #	Conv. Mon.	Temp.	4.948	I				W.						
i. I.D.	a Γ Z ij.	.00	Times	Data on	st sur lace. Start Down.	at Bottom.	Start Up.	Data off	ပိ	Press.	166.991	8			:							
Vessel Sta. I.D.	Time GMT Hr. M	2 0			<u>   </u>		-	1			9/									Ξуγ		
		8 8 2		at Surface						Other							-					
Proj. & Leg F0CI88IV Event# MF-88-06 583	<b>JD</b> = 157 Mo. Yr.	Z	hecks	at S					lues	Cond.				16								
F0C188	<b>Date</b> Day	W 0 5 3 U	Monitor Checks		1	7507	1		Monitor Values	Н	961 1861		100									<del></del>
& Leg MF-88-	дрХ	M 6	ξ	on Deck					Moni	Temp.				F								
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FREEMAN	Lor Deg.	0.			Press	Temp	Cond.	Other_		100	8											<del></del>
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908	Latitude g. Min	557	CTD Tung SN SeaBird 91220-B	26072	710	304			Trip		167											
Consec.Cast #	ac. Deg.	5	CTD	Press SN	SS	SE			-	Bot. Rack	1 152			IIII					-			
Cons	Consec. Cast #	9	j G	Press	Temp. SN	Cond. SN				<u>о</u>		7	٣	4	5	•	^	∞	0	2	=	12

m 5 • 2 0 Pg. 69 of 80 Sta. Name Other Bot. # Samp. Sta. Designation File Name/Header 06JUN 0025 Sal. 0 Depth, m Bottom 31.782 Saj Cloud Type Weath. Data Location 313872 Sample Bot. Data Avg Tw Tape/Diskette I.D. Therm-P 620 MAY 38 .zi∨ Remarks .S .S 7 ľ 31.778 Bar. mb Sal. JD/Time 158 | 0027 Conv. Mon. Values-CTD 0030 2034 0035  $\omega$ 0031 0034 Cond. Wet Bulb 8 Instructions Temp. 5.032 0 න Data on\_ Times at Surface. Start Down. Start Up. at Bottom. at Surface. Data off Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 SBCPress. 99.881 Hr. Min. Time GMT 3 0 Other 0 at Surface 56418100W06JUN88 or W Day Mo. Yr. Longitude E Date JD = 158**Monitor Checks** Cond. **Monitor Values** Temp. on Deck Press. MILLER FREEMAN Temp. \_ Press.\_ Cond.\_ Other\_ Deg. 003449 Bot. Rack Depth Depth | Trip Time @ CTD Type & SN SeaBird 91220-B Vessel 0 06956178 Ξ 690 710 304 00/ Consec.Cast # Deg. Press. SN\_ Temp. SN. Cond. SN Cast # Consec. ध्र 9 œ 0

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Sta. Name ة ق Other Bot. # Samp. Sta. Designation File Name/Header 06 JUN 0115 Pg. 70 Sa. Depth, m Bottom 31.838 Sal. So ind Cloud Type Weath. Data Location 1.9212872 Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Ö. آ MAY 88 S. S. Vis. Remarks 31.834 Bar. mb Sal. Conv. Mon. Values-CTD N) 0122 0126 58/0120 0127 0126 0121 Cond D/Time Wet Bulb Ø Instructions Temp. 4.624 00 at Surface. Start Down\_ at Bottom\_ Times Data on. Start Up. at Surface. Data off 127.854 Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 Press. 2 **Time** GMT Hr. Min. Other 0 at Surface or W Day Mo. Yr. 1 W 06 J U N 8 8 Longitude E Date JD = 158**Monitor Checks** Cond **Monitor Values** Temp. on Deck Press. 15652 MILLER FREEMAN Temp. \_ Other Cond. Press.\_ Deg. 012643 Bot. Rack Depth Depth Trip Time @ 705621149N CTD Type & SN SeaBird 91220-B Vessel Ξ. Latitude 26072 070 710 304 178 Consec.Cast # Deg. Press. SN. Temp. SN. Cond. SN. Consec. Cast # 12 9

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Pos 2 = Pg. 71 of 80 Sta. Name <u>م</u> <u>ت</u> Other Bot. # Samp. Sta. Designation File Name/Header 06 JUN 0147 Sal. 8 Depth, m W) Bottom 31.861 Sal. S in Cloud Type Data Location 877 Sample Bot.Data Avg Tw Tape/Diskette-I.D. Therm-P MAY88 .si∨ و۔ Remarks .S .S 31.856 Bar. Sal. đ 0/56 0200 Conv. Mon. Values-CTD JD/Time |58| 0/54 0200 020 න Cond. Wet Bulb Instructions 4.5% Temp. Start Down\_ တ Data on\_ at Surface\_ at Bottom. at Surface. Start Up Times Data off 125.755 Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 Press. 50 **Time** GMT Hr. Min. 0 Other at Surface 8 8 8 or W Day Mo. Yr. Longitude E Date D = 158**Monitor Checks Monitor Values** Cond. 1/15/W10/6/3/U Temp. on Deck 5624103N15655 Press. MILLER FREEMAN Temp. \_\_ Cond. Press.\_ Other\_ Deg. 520057 Bot. Rack Depth Depth Trip Time @ CTD Type & SN SeaBird 91220-B Vessel Ξ Ξ Latitude 710 304 Consec. Cast # Deg. Press. SN\_ Temp. SN Cond. SN. 251 Consec. Cast # 2 2 m 'n 9 œ

150 Ŋ • 00 0 2 4 Pg. 72 of 80 Sta. Name 150 Other Bot. # Samp. Sta. Designation File Name/Header 06JUN 0224 Sal. 7/ Depth, m Bottom 31.861 Sa. Data Location Cloud Type Weath. 17112877 Sample Bot.Data Avg Tw Tape/Diskette I.D. Therm-P 9 S. S. Vis. Remarks 31.857 <del>a</del> Bar. Sal. JD/Time /59/0226 0232 Conv. Mon. Values-CTD 02.28 0227 0 8 2 0231 0231 Cond. Wet Bulb Instructions Temp. 4.612 2808 at Surface\_ at Bottom, Times Start Up. Start Down. at Surface. Data on Data off Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 105.211 Press. Hr. Min. **Time** GMT 0 2 Other at Surface 8 8 8 or W Day Mo. Yr. Longitude E Date JD = /5B**Monitor Checks** Cond **Monitor Values** 72562646N1565709W063U Temp. on Deck Press. MILLER FREEMAN Temp. \_ Cond. Other\_ Deg. 023202 Bot. Rack Depth Depth Trip Time @ CTD Type & SN SeaBird 91220-B Vessel Latitude 072 710 105 Consec. Cast # Deg. Press. SN. Temp. SN. Cond. SN Cast # Consec. 13 2 2

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	Bar. mb	1 7			 	 	               	<u> </u>		Sal.	33.064			70 IIII							<b>F</b>		
ctions	Wet Bulb	0 6 0	JD/Time	1837	020/	1847	1854	1848	Values-CTD	Cond.													
Instructions	Dry Bulb	0		1 on 159	face	tom	ا مل ع	1ace 1 off		Temp.	5.456												
Vessel Sta. I.D.	Time GMT r. Min.	39.	Ţ	Data on	at Surface.	at Bottom.	Start Up.	at Surface.  Data off	ŭ	Press.	783.964												
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N	×	Vessel			& Leg FO	C1881V Ev	L	Vessel Sta. I.D.	Instr	Instructions				Sta. Des	Designation	
Deg   W   Day   Mo   T   U   M   8   T   9   2   8   T   Mo   Mo   T   U   M   8   T   9   2   8   T   M   Mo   T   M   Mo   T   U   M   8   T   9   2   8   T   M   Mo   T   M   Mo   T   U   M   8   T   9   T   M   Mo   T   Mo   T   U   M   8   T   9   T   Mo   T   Mo   T   T   T   Mo   T   T   T   T   T   T   T   T   T	MILLER	~	FREEMAN	<u></u>	MF-88-06 E <b>D</b> 2	ate JD =		ime	Dry	Wet			Wind	ath.	m Sta	. Name
1   5   5   9   8   7   9   1   1   1   1   1   1   1   2   3   7   3   2   9   9   7   2   9   4	Min. S		Deg.				I	Ξ	Bulb	Bulb		Vis.		Me	ŵ	or I.D
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Press.   San Down   1/2/8   Press.   San Down   1/2/8   Press.   San Down   1/2/8   Press.   Press.   Temp.   Cond.   Press.   Temp.   Press.   Pre				<u> </u>	Deck	at	Surface	Da St		~_	- - -	e/Diskette	 	File Name,	/Header	
Temp.   28.7   Pemarks   Start Up.   19.28   Pemarks   Start Up.   19.28   Pemarks   Start Up.   19.28   Pemarks   Peass   Temp.   Cond.   Start Up.   Peass   Temp.   Cond.   Start Up.   Start Up.			Press					Start D	Jown	1928	<u> </u>	444 88		NUC LO	1922	ļ
Cond.   Saft Up   1229   Remarks			Temp					at Bo	ttom	1937						
Other         Data off         1837         Sample Bot. Data         Sal.         Other           πip         Press.         Temp.         Cond.         Other         Press.         Temp.         Cond.         Sal.         Therm-P         Avg Tw         Sal.         Bot. # Samp.           λεγγ         252.763         5.446         33.012         —         33.082         OZ           λεγγ         252.763         5.446         33.012         —         33.082         OZ			Cond.					Tar Star	r Up Irface		Rema	rks				
Press.   Temp.   Cond.   Other   Press.   Temp.   Cond.   Sal.   Other   Press.   Temp.   Cond.   Sal.   Other   Avg Tw   Sal.   Sal			Other_		8			<u>م</u>	ta off							
Fress.   Temp.   Cond.   Other   Press.   Temp.   Cond.   Sal.   Therm-P   Avg Tw   Sal.   Bot. # Samp.	Time	8			Monito				Conv. Mon.	. Values-CT	Q.	Sar	nple Bot.[	ata		<b>—</b>
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258FOX59 Sta. Designation Fox 59 9 = Pg. 76 of 80 Sta. Name Other Bot. # Samp. File Name/Header 07 JUN 2007 03 Sal. Bottom Depth, m 32.971 Sa Data Location Cloud Type Weath. 19007862 Sample Bot.Data Therm-P Avg Tw 5.40 Sp. Tape/Diskette I.D. Wind <u>Ľ</u> MAY 88 246 သ .siV Remarks S.S. W 32.970  $\infty$ Bar. mb Sal. Conv. Mon. Values-CTD  $\boldsymbol{\omega}$ 2028 2022 2014 2023 2013 Cond. 159 2012 Wet Bulb 0 9 JD/Time Instructions Temp. 5.396 0 at Bottom\_ at Surface. Data on at Surface. Start Down. Start Up. Data off Times 243.509 Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 Press. 7 Time GMT Hr. Min. 0 Other 5 W O 7 J U N 8 8 2 at Surface Ϋ́г Date JD = 159**Monitor Checks** ο̈́ Cond Monitor Values Day Temp. ۶ة on Deck Longitude N/5151014112 Press. MILLER FREEMAN Temp. \_ Press. \_\_ Other Cond. Deg. Trip 202330 202822 Time @ 'n CTD Type & SN SeaBird 91220-B Vessel Bot. Rack Depth Depth 38 4 3 Ξ Ξ 26072 710 304 747 Consec.Cast # 017161517 Deg. 4 Cond. SN Press. SN. Temp. SN 252 Cast # Consec. 2 Φ 0 • 'n

Sta. Designation FOX 58 240F0X58 Pg. 77 of 80 Sta. Name Other Bot. # Samp. File Name/Header 07 JUN 2052 70 Sal. Depth, m Bottom 32.946 Sal. Data Location Cloud Type Weath. 8513862 Sample Bot. Data Therm-P Avg Tw Tape/Diskette I.D. Wind Ę. **MAY 88** ω ω .siV Remarks S S 32.944 Bar. mb Sal. Conv. Mon. Values-CTD 2108 2100 5912058 2058 2107 2108 Cond. 0 Wet Bulb Instructions Temp. 5.411 Pry Bulb 0 / 00 Start Down\_ at Bottom. at Surface. Data on at Surface. Start Up. Data off Times Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 229.997 Press. **Time** GMT Hr. Min. 1/5/5/00 65 WO 7 JUN882 Other at Surface or W Day Mo. Yr. Longitude E Date JD = 159 **Monitor Checks** Monitor Values Cond Temp. on Deck Press. MILLER FREEMAN Temp.\_ Other\_ Cond. Press.\_ Deg. 210808 Bot. Rack Depth Depth Trip Time @ 0775736118N s o CTD Type & SN SeaBird 91220-B Vessel Ξ 26072 710 304 230 Consec.Cast # Deg. 1 Press. SN. Temp. SN Cond. SN K Cast # Consec. 2 2 0 = œ Ŋ •

233FOX57 FOX 57 Sta. Name Pg. 78 of 20 Other Bot. # Samp. Sta. Designation 07JUN 2145 File Name/Header 05 Se Je Bottom Depth, m 32.866 S Cloud Type Weath. Data Location 18413862 Sample Bot.Data Therm-P Avg Tw 5.36 Tape/Diskette I.D. Wind <u>ب</u> ت. MAY 88 223 8 20 S. S. Remarks 32.865 Bar. mb Sal. Conv. Mon. Values-CTD 2205 2200 2153 2200 2152 0 9 7 12149 Cond. JD/Tjme Wet Bulb Instructions Temp. 5.368 0 / Dry Bulb at Bottom\_ Times Data on\_ Start Down\_ at Surface. at Surface. Start Up. Data off Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 219.906 3 Press. Time GMT Hr. Min. 5 48 W 0 7 J U N 8 8 2 Other at Surface Mo. Yr. Longitude E Date JD = 159
or
W Day Mo. Yr. Monitor Checks Monitor Values Cond. Temp. on Deck 15452 Press. MILLER FREEMAN Temp. \_ Cond. Other Press.\_ Deg. 20055 220534 Trip Time @ o S Z CTD Type & SN SeaBird 91220-B 9573299 Bot. Rack Depth Depth Vessel Ξ 078 710 304 219 Consec.Cast # Deg. 4 Press. SN\_ Temp. SN Cond. SN 252 Cast # Consec. 07 2 0 • œ

1 7 2 1 5 8 7 2 2 1 7 FOX 56 .soq FOX 56 Pg. 79 of 80 Sta. Name Other Bot. # Samp. Sta. Designation File Name/Header 07JUN 2236 00 Depth, m Bottom 32.656 Sal Cloud Type Weath. Data Location Sample Bot.Data Therm-P Avg Tw Tape/Biskette-I.D. Wind <u>ج</u> ت. MAY88 3 .siV Remarks S S 32.656 Bar. <del>E</del> Sal. Conv. Mon. Values-CTD 0 6 0 2250 2244 159 12242 2243 2251 2251 Cond. D/Time Wet Bulb Instructions Temp. 5.280 0 at Bottom\_ at Surface\_ Data on\_ at Surface. Times Start Up. Data off Start Down. 207.451 Proj. & Leg F0C1881V Event# Vessel Sta. I.D. MF-88-06 654 Press. 7 7 Hr. Min. **Time** GMT / W 0 7 3 U N 8 8 2 Other at Surface E Date JD = 159 or W Day Mo. Yr. **Monitor Checks** Cond **Monitor Values** Temp. on Deck Longitude 1/5/4/4/7/0 Press. MILLER FREEMAN Temp.\_ Other\_ Cond. Press. Deg. 225119 Time @ 0|7|9|5|7|3|0||8|7|M ō S CTD Type & SN SeaBird 91220-B Bot. Rack Depth Depth Vesse Ξ ïï. Latitude 26072 710 304 Consec. Cast # Deg. ١ Press. SN Cond. SN. Temp. SN 13 Consec. Cast # 2 2 Φ m • ထ Ŋ

FOXSS .coq 9 ~ m 4 5 • ~ ထ 0 Pg. 80 of 80 Sta. Name Other Bot. # Samp. Sample Bot. Data | Sample depths. | Sal. | Other Sta. Designation Remarks Salinity values not real stable at File Name/Header 07JUN 2323 0 63 Depth, m Bottom 31.936 Sai Cloud Type Weath. Data Location 811872 Therm-P Avg Tw Tape/Diskette-I.D. MAY 88 <u>ات</u> آ .ziV .S. .S. 3 31.929 Bar. mb Sal. Conv. Mon. Values-CTD 2330 0 59 / 2328 2332 Cond 6 0 Wet Bulb Instructions Temp. 8.144 Ø Dry Bulb 600 at Bottom\_ Times at Surface. Start Up. at Surface. Data off Data on. Start Down. 
 Proj. & Leg
 F0C1881V
 Event#
 Vessel Sta. I.D.

 MF-88-06
 656
 21.382 Press. Hr. Min. 3 Time GMT 3 N Other at Surface 15442112W07JUN88 Ϋ́ Longitude E Date JD = 159**Monitor Checks** δ **Monitor Values** Cond. or W Day Temp. on Deck Press. MILLER FREEMAN Temp.\_ Other Cond. Deg. 233448 Trip Time @ 8 10 5 17 2 18 15 10 N CTD Type & SN SeaBird 91220-B Vesse Bot. Rack Depth Depth Ξ Latitude 26072 080 710 304 7 Consec. Cast # Deg. 1 Press. SN. Temp. SN Cond. SN. 251 Consec. Cast # 2

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