Pancaka G - 80%

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Notes on Surface Ice Conditions or proximity to ice edge										`	1	1			*	7	4	,	notes	ROSETTE							-	LATITUDE	56,13	
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edne											211-						*	<u>ان</u>	02 Temp							JD/TIME	% DAY			
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PRESS SN SBE 9+ VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN PRI COND SN SEC TEMP SN PRI TEMP SN 152 SEQ. FIRED DEPTH ō CAST # 15 3 14 12 ထ ത S DESIRED 50 60 踞 200 30 940 0 LATITUDE notes ROSETTE 23 N 254 SALT CRUISE ID H10701 AT SURFACE AT DEPTH START DOWN TIMES 97/ SAMPLE BOTTLE NUMBERS DATA ON PAR S/N. 1225 NUTS 7268 1255 1295 1245 123 \$ 128 f 127 f 43 LONGITUDE 039/50 xx Z Oxygen 4 JD/TIME 02 Temp 1. 1.07 74 0 A P DATE PROJECT & LEG BEST07 운 ä š FLUOR S/N 20 DOM 0 7 兹 1/3/5/4-PAR on Bridge (μEinsteins m-2s-1) = TIME (GMT) 픘 Prod Ray <u>₹</u> Melissa ALK (MC) < DRY BULB < < 745 clime of (DSDB I.D. 1HE07 W DIC (MC) (C (WET BULB C 50 - 05 Tish ී ς < < ζ 215 98 (mb) PRESSURE SEA STATE < < P32 VISIBILITY isotopes 30 DIRN. N03 STATION DESIGNATION (kts) SPD. REMARKS CLOUD (amt) MAX. DEPTH = TYPE Not WEATHER Comment or Others ВОТТОМ 43817 TIRE 44 STA. NAME/ID U 3 0

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SBE 9+ 153 DEG MIN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SEC COND SN PRESS SN Notes on Surface Ice Conditions or proximity to ice edge SEQ. FIRED DEPTH 15 CAST # 14 73 12 1 5 ဖ ÇO 6 ω N DESIRED 60 94 50 C 4 0 0 8 5 $\overline{\circ}$ 9 0 LATITUDE notes ROSETTE 46,86 7 <u>0</u> 442 z SALT 7 CRUISE ID H10701 AT SURFACE AT DEPTH START DOWN DATA ON SAMPLE BOTTLE NUMBERS PAR S/N NUTS 0 7 12 W 5 LONGITUDE 14. 4 12,81 (680 Y Oxygen 86 W 3 D A P JD/TIME -6.2 02 Temp DATE JD= DAY PROJECT & LEG BEST07 운 1 3 FLUOR S/N æ DQ M 0 퐀 7 PAR on Bridge (µEinsteins m-2s-1) = TIME (GMT) 819 픘 620 Prod Ray <u>S</u> ALK (MC) Melissa DRY BULB 12 DSDB I.D. 1HE07 DIC (MC) 200% WET BULB <u>ري</u> Tish Z. 3 0 PRESSURE SEA STATE P32 VISIBILITY Isotopes 2 1 1 1 1 DIRN. N03 STATION DESIGNATION (45 SPD. MAX. DEPTH = REMARKS CLOUD (amt) TYPE WEATHER Comment or Others BOTTOM DEPTH 02 STA. NAME/ID XIZY 3

Notes on Surface Ice Conditions or proximity to ice edge SBE 9+ PRI COND SN PRI TEMP SN VESSEL USCG Healy SEC COND SN SEC TEMP SN PRESS SN 21 SEQ. 22 20 19 8 17 16 5 14 3 12 FIRED DEPTH 5 CAST # 6 4 ω S (rt DESIRED Ś 504 0,7 00 30 2 10 20 107 \$C b 0 0 20 23 LATITUDE 75.04 ROSETTE notes ₹ Ž ک z 246 SALT CRUISE ID AT DEPTH START DOWN DATA ON SAMPLE BOTTLE NUMBERS AT SURFACE TIMES 17742 PAR S/N 7017 7717 シガイ 7176 7156 STUN XX ũ 199 = 12 LONGITUDE 47、74 092 ₹ Ž 093 02-Mordy 02 Temp 41 JD/TIME 0,2 w 3 6 A P R ١ DATE DAY PROJECT & LEG BEST07 ā 운 증 FLUOR S/N MOG 0 ⋨ 7 PAR on Bridge ("Einsteins m-2s-1) 1644 TIME (GMT) 돐 CO Melissa ALK (MC) - 8 5 <u>S</u> 6 probably due to Tella Eigh DIC (MC) DRY BULB Tish 7 DS08 i.D. 0 ò15N Isotopes WET BULB Ţ ò32Σι gases 0 Trace PRESSURE Micro Zoops SEA STATE VISIBILITY 345 Prod Ray WIND DIRN. (deg) 400 Masha <u>-</u> N2/Ar (kts) SPD. STATION DESIGNATION G process MAX, DEPTH = REMARKS CLOUD (amt) man Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 90 Jally fish 冟 502×401 F6 7 STA. NAME/ID Ξ \$00×

SEC TEMP SN PRI COND SN VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge PRI TEMP SN SBE 9+ SEC COND SN PRESS SN 23 19 16 SEQ. FIRED DEPTH 22 20 18 17 2 3 CAST # 14 70 12 ဖ œ ~ თ 25.5 DESIRED 06 25 00 60 9 20 8 X X LATITUDE 1 notes ROSETTE ₹ × よっ SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS START DOWN AT SURFACE AT DEPTH DATA ON TIMES PAR S/N (V) NUTS と 2 24 S V 22 200 200 26 ナな LONGITUDE 5 8 = X ÷ y 02-Mordy 02 Temp 142 136 $\frac{1}{2}$ 0 Q E JD/TIME -0,3 1 Ó DAY MO YR DATE JD= 4 W PROJECT & LEG BEST07 욷 /FLUOR S/N DQM × × PAR on Bridge (µEinsteins m-2s-1) 2308 돗 TIME (GMT) Melissa ALK (MC) <u>₹</u> DIC (MC) DRY BULB Tish ىر DSDB I.D. 1HE07 عہ ò15N Isotopes WET BULB ೦ δ32<u>Σ</u>ι のかも gases Trace PRESSURE $\overline{\Diamond}$ Micro Zoops SEA STATE VISIBILITY Prod DIRN. × × Masha N2/Ar (kts) WIND SPD. STATION DESIGNATION CLOUD (amt) MAX. DEPTH = REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol 106 STA. NAME/ID 3

SEC TEMP SN PRI COND SN PRESS SN VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge SBE 9+ SEC COND SN PRI TEMP SN 23 SEQ. FIRED DEPTH 24 20 19 14 CAST # 22 21 -17 5 15 3 12 __ 5 9 00 ω 9 N DESIRED -| |n 00 00 ろろ 30 8 8 00 60 \propto 2 9 2 LATITUDE notes ROSETTE 2 がが SALT z CRUISE ID H10701 SAMPLE BOTTLE NUMBERS PAR S/N AT SURFACE AT DEPTH START DOWN DATA ON TIMES STON ተ T Ti 77 to GS *ئى* ま 2 32 43 5 壬 42 40 20 82 3 LONGITUDE 42 X 175 が入 02-Mordy 02 Temp <u>×</u> JD/TIME 0.9 1 Ċ DATE 0 DAY þ PROJECT & LEG BESTO7 욷 ≤ M Þ FLUOR S/N ~ DOM 0 ⋨ 7 PAR on Bridge (¡Einsteins m-2s-1) 95144 TIME (GMT) 돐 ALK (MC) DIC (MC) Melissa < < < < < < ĭ < < DRY BULB \leq < K < Tish <u>بر</u> DSDB I.D. 1HE07 815N Isotopes < < < < < < < < < WET BULB < < Ĉ δ32Σι < < < < < 5 < < < gases Trace 0 (mb) PRESSURE Zoops Prod Micro SEA STATE VISIBILITY 269 WIND DIRN. X × X $\times | \times$ X N2/Ar Masha (kts) STATION DESIGNATION SPD. CLOUD (amt) MAX. DEPTH = REMARKS Radon D.Sholl TYPE WEATHER BOTTOM Devol 3-02 170 NHXO! STA. NAME/ID **E**5 77 47 등 5 84 × + 9 J 161

SEC TEMP SN PRI COND SN Notes on Surface Ice Conditions or proximity to ice edge PRESS SN VESSEL USCG Healy SBE 9+ PRI TEMP SN SEQ. 21 20 19 14 <u>_</u>3 FIRED DEPTH 23 22 18 16 CAST # 17 21 12 12 9 Φ ~ 6 (J) 4 25 25 S DESIRED 08 光光 8 8 25 90 80 90 30 જ 16 5 R 20 LATITUDE notes ROSETTE 42 z SALT CRUISE ID H10701 DATA ON TIMES SAMPLE BOTTLE NUMBERS START DOWN AT SURFACE AT DEPTH STON LONGITUDE 02-Mordy 02 Temp ĭ S JD/TIME ٤ 2 DAY PROJECT & LEG BESTO7 운 Ĵ0= ₹ FLUOR S/N 0 7 DOM ⋨ 2040 PAR on Bridge ("Einsteins m-2s-1) 돐 TIME (GMT) ALK (MC) Melissa ĭ DIC (MC) DRY BULB Tish 0 C. DSDB I.D. 1HE07 ð15N Isotopes WET BULB ೆ δ32Σι gases 20 Trace (mb) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod WIND DIRN. X N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION 2 REMARKS MAX. DEPTH = (OX CLOUD (amt) D.Sholl Radon TYPE X × X X \succ X X X X × X X V X Κ K X WEATHER X BOTTOM DEPTH 3-02 Devol STA. NAME/ID 241 3

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ SEQ. 23 22 21 -8 17 16 15 14 20 19 5 CAST # ω. 12 _ 9 ¢o σ O 4 585803. DESIRED 00 15 F. 50 Bo 301 0 6:00 0 03.13 1 LATITUDE notes ROSETTE 3 1 73 K 1 . 7 260 SALT DATA ON CRUISE ID H1070 AT DEPTH SAMPLE BOTTLE NUMBERS START DOWN AT SURFACE PAR S/N 13 572 45 7 13 STON 47 78 205 \$6H LONGITUDE 0 9614 40 (Stop 02-Mordy 02 Temp الا (9 6 w 4 1 JD/TIME 1.01 7.00 ĐΑΥ PROJECT & LEG BESTO7 유민 Μ Α Υ 8 FLUOR S/N DOM ¥ 1 65 2 PAR on Bridge (µEinsteins m-2s-1) 픘 TIME (GMT) OHC Melissa ALK (MC) NN DIC (MC) 12.11 DRY BULB Tish ೦ DSDB i.D. 515N 7 × K Isotopes ١ 交 $\stackrel{\sim}{\times}$ F 6/0/2 X WET BULB .2. δ32Σι 7 0 gases Trace PRESSURE 0 Micro Zoops Prod SEA STATE VISIBILITY 521 WIND DIRN. (deg) Masha STATION DESIGNATION / 49 N2/Ar (kts) WIND SPD. light suces B MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH Devol 3-02 = 0a <u>a</u> Sport T STA, NAME/ID 3 X 7 2

VESSEL USCG Healy SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge BOT PRI COND SN SEC TEMP SN PRESS SN SBE 9+ PRI TEMP SN 24 23 22 2 20 16 3 CAST # 19 18 17 15 14 12 SEQ. DESIRED = 5 9 თ গে <u>ی</u> 1600 1500+ 12501 root 4004 9 46 V 10000 OH LI 200 33 1000 250 500 1250 300 0 156 7500 400 1757 <u>UT</u> S 600 Ø 751 4 10 53,81 LATITUDE notes ROSETTE U とい 1204 Y 2412 V225 z SALT 1 2 2 0 0 · MIN DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE PAR S/N 9.5 12 23 ã. SLON 25 100 50 $\tilde{}$ 2 I 1 2 2 0 6991 LONGITUDE 190 200 941 ナヤン 02-Mordy 02 Temp Dr. 7.75 147 /15(8 195 193 त V W .1 D M 9 4 71 JD/TIME いない Ć 3,6 たって 2.6 13 2/00 2,3 727 2.9 6, ω 2.6 2,5 Ü DATE DAY 운 PROJECT & LEG BEST07 중 FLUOR S/N ~ DOM 0 뇄 7 6 1 3 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 1736 픘 Melissa ALK (MC) DIC (MC) Z < << ₹ Z DRY BULB < <((< Q Fish (DSDBID. Money Thome 'n 915N Ţ isotopes 1003 WET BULB 17 δ32Σι <u>M</u> gases 0 4 Trace PRESSURE Zoops Micro SEA STATE VISIBILITY Prod 243 ₽ W WIND DIRN. N2/Ar Masha (kts) STATION DESIGNATION 154 SPD. 00 REMARKS CLOUD (amt) MAX. DEPTH = D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 1760 -> 1729 Kmy Born 3-02 Devo 3 STA. NAME/ID 3 X I 28

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ PRESS SN 160 SEQ. 23 20 22 16 15 CAST # 19 2 17 4 <u></u> = 12 12 9 œ တ 2500 DESIRED 2805 2250 2000 500 1250 1750 · oh 45 900 8 200 8 300 8 600 054 40 2 9 00 ž 75 0 0 LATITUDE notes ROSETTE 49 SALT もたった。 DATA ON CRUISE ID H 1 0 7 0 1 SAMPLE BOTTLE NUMBERS AT DEPTH TIMES AT SURFACE START DOWN PAR S/N STON 10 w L S 40 $\overset{\sim}{\sim}$ 35 34 S S 32 c W 25 27 24 < ≪ B 40 56 42 4 55 44 LONGITUDE 542 236 02-Mordy 02 Temp 1202 737 234 233 222 12 207 320 23 S Jan Jah Jah JD/TIME WW. er N v., 12 2,1 <u>×</u> <u>O</u> W m M S 2,0 S S 2,6 4,2 ヤ 6 DATE DAY PROJECT & LEG BEST07 운 3 5 Þ 8 FLUOR S/N ~ DOM 0 ¥ 7 2302 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 돐 Melissa ALK (MC) DIC (MC) <u>K</u> DRY BULB Tish c DSDB I.D. 1HE07 S 915N (6 < 7 ((C < Isotopes \subset ¢ C (• C (< WET BULB \subset ¢ < Ĉ δ32Σι gases | Zoops | Prod Trace PRESSURE Micro SEA STATE VISIBILITY Ray 26 WIND DIRN. (deg) N2/Ar Masha (kts) STATION DESIGNATION WIND SPD. S MAX. DEPTH = 2805 CLOUD (amt) REMARKS D.Sholl Radon TYPE WEATHER 2799 BOTTOM Devol 3-02 DEPTH 3 Knudsen X 3 STA. NAME/ID (1) Ŋ θ

SEC TEMP SN PRI COND SN Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN FIRED DEPTH PRESS SN SBE 9+ VESSEL USCG Healy PRI TEMP SN SEQ. 23 22 21 ~ 17 16 13 20 19 15 14 12 10 CAST # 11 9 œ 7 တ S 4 ω 9 DESIRED 2779 12412 4 2 $\propto \sim$ 4 b LATITUDE notes ROSETTE 2 X z SALT DATA ON CRUISE ID H10701 TIMES SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE NUTS 204 \$X 60 3 02-Mordy 02 Temp Š 2 SWOZMAY07 JD/TIME DATE DAY PROJECT & LEG BESTO7 유. 중 FLUOR S/N DOM ⋨ 0232 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 픘 Melissa ALK (MC) <u>K</u> 20, DIC (MC) DRY BULB Tish (00) DSDB LD. 4 915N Isotopes WET BULB Ĉ δ32Σι 0 gases Trace 06 (mb) PRESSURE Zoops Prod Micro SEA STATE VISIBILITY Ray 215 WIND DIRN. N2/Ar Masha STATION DESIGNATION WIND SPD. (kts) % MAX. DEPTH = Prud CAST ONLY CLOUD (amt) D.Sholl Radon TYPE WEATHER S- to 12 59ths BOTTOM DEPTH Devol 3-02 100 STA. NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge USCG Healy PRESS SN PRI COND SN 16227 SEC TEMP SN PRI TEMP SN SBE 9+ 13 SEQ. SEC COND SN 20 ~ FIRED DEPTH 23 22 -2 ~ 15. 14 CAST # 19 10 17 0 16 12 = -00 6 13340 DESIRED 3250 200 2250 2500 Back 2750 0541 1250 1500 Soci 200 800 054 ر 20 8 5 र्ड 5 8 50 St 8 C ل*ى* 0 LATITUDE notes ROSETTE S S * 6 1 × 1 × 1 SALT DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH START DOWN STON 717 77 g 80 4 LONGITUDE 02-Mordy 02 Temp 55 114 S 3 8 S 42 3 40 92 19 5 60 25 803 Ø ₩ O № A JD/TIME دو ٥ N 3.4 2,5 ೩ 3,5 W W 2.4 2,5 5/ 1,6 DATE 6 Ö 2 PROJECT & LEG BESTO7 운 증 FLUOR S/N ~ MOG 0 7 ⋨ PAR on Bridge (µEinsteins m-2s-1) 0436 TIME (GMT) 茮 Melissa ALK (MC) DIC (MC) <u>₹</u> 15° 1 DRY BULB Tish 0 19508 ED. 0 ò15N Isotopes WET BULB (°C) δ3<u>2Σ</u>ι 27 gases Trace 0 (mb) PRESSURE Zoops Prod Micro SEA STATE VISIBILITY N WIND DIRN. 5 N2/Ar Masha < (kts) STATION DESIGNATION SPD. < < ((ŗ MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER がた **BOTTOM** Devol DEPTH 3-02 2555m 3 1 STA. NAME/ID Bo Hes reasenet 32 S 3 #

SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN SBE 9+ USCG Healy SEQ. 24 23 22 2 20 17 16 15 14 <u>...</u> 10 CAST # 19 100 12 _ 9 00 Φ 6 S 2500 V 2750 3047 DESIRED 2000 2250 1750 12501 700 200 0000 1500 250 750 400 100 050 500 <u>~</u> ଞ ŠO 6 20 4 50 11 11 59.89 LATITUDE notes ROSETTE _9 J W 1205 SALT 5 4 4 1 N 214 20 204 1 CRUISE ID H10701 SAMPLE BOTTLE NUMBERS DATA ON AT DEPTH AT SURFACE START DOWN TIMES PAR S/N 226 215 235 208 NUTS 1551 7 ū 70 20 151 14 12 W LONGITUDE 0 51,22 7033 160% ×089 02-Mordy 02 Temp 1059 484 880 037 039 037 050 000 024 000 48 W 6 2 M A (CO) 3MIT/QF Sign 2.5 W,E 47 2.4 2.1 -2.6 N 3.6 <u>۔</u> 4 1.6 টো DATE V DAY 'n PROJECT & LEG BESTO7 유 8 FLUOR S/N ~ DOM 0 놨 7 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 퓼 - 448 hot Melissa ALK (MC) DIC (MC) ĭ Ž 02 DRY BULB 0 Ŧish 00 DSDB I.D. 41 615N Isotopes 1 WET BULB <u>ි</u> δ32Σι 2 gases Trace ٥ PRESSURE Micro Zoops Prod SEA STATE X VISIBILITY DIRN. u در) N2/Ar Masha (kts) STATION DESIGNATION 153 WIND SPD. REMARKS CLOUD (amt) MAX. DEPTH = Radon D.Sholl TYPE WEATHER 3016 BOTTOM DEPTH 36 13 9 3-02 Devol 3 Cart 10 STA. NAME/ID 3 T 工

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH VESSEL USCG Healy PRESS SN PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ 22 21 SEQ. OC 8549 23 20 19 18 17 16 15 14 13 12 CAST # 12 _ 9 œ ~ 6 4 DESIRED しより 00 40 05 24 20 g 0 9 LATITUDE notes ROSETTE 0 2 SALT N17425 CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON TIMES AT SURFACE PAR S/N SLON دن کا 35 25 م م 25 30 40 $\overline{\sigma}$ 32 33 LONGITUDE 204 02-Mordy 02 Temp 202 JD/TIME 8w 02 M A Ω 0 DATE DAY PROJECT & LEG BESTO7 足 <u>_</u> 8 FLUOR S/N DOM 0 ¥ 7 23322 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 돐 Melissa ALK (MC) DIC (MC) < < < < < <u>₹</u> < ç C (< \subset DRY BULB 7 C Tish c DSDB i.D. 1HE07 2 515N Isotopes WET BULB (00) δ32Σι gases Zoops Prod Trace PRESSURE W Micro SEA STATE VISIBILITY 029 Ray DIRN. (deg) Masha N2/Ar (kts) WIND SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH Devol 3-02 かもこ 12471 751 STA. NAME/ID 3

PRESS SN SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge VESSEL USCG Healy SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN 23 20 19 16 5 <u>1</u>3 SEQ. 22 21 17 14 12 18 CAST # 10 ٥ 00 7 6 رم ا 4 ω N 1655844 DESIRED 8 25 40 8 00 8 6 0 90 LATITUDE notes ROSETTE 6)2 N SALT DATA ON CRUISE ID H10701 174112 TIMES SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE PAR S/N F 43 STUN th 3 40 39 42 38 46 37 LONGITUDE <u>ئ</u> تر ぶこ 02-Mordy 02 Temp S S C SML/Gr 8 w Q2 -0,5 1,8 DAY PROJECT & LEG BESTO7 운. 3 S Þ FLUOR S/N -< DOM 0 퐀 PAR on Bridge ("Einsteins m-2s-1) 0125 TIME (GMT) 둤 ALK (MC) Melissa <u>₹</u> DIC (MC) DRY BULB Tish N c DSDB I.D. 1HE07 815N Isotopes WET BULB c δ32Σι 2340 gases Trace (mb) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray 00410 DIRN. N2/Ar Masha (kts) STATION DESIGNATION SPD. MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH Devol 3-02 2 STA. NAME/ID 3 155

Notes on Surface Ice Conditions or proximity to ice edge USCG Healy PRESS SN SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN SEC COND SN SEQ. 23 21 FIRED DEPTH CONSC CAST # 22 20 19 18 17 16 5 7 <u>...</u> 10 12 _ 9 œ 7 თ S 4 ω N 6 ,100 DESIRED DEG MIN 000 \propto 55 00 とり 20 60 23 70 2 22 2 NO LATITUDE notes ROSETTE ₹ 10 × 11 25 59 226 SALT CRUISE ID H10701 DATA ON SAMPLE BOTTLE NUMBERS START DOWN TIMES AT SURFACE AT DEPTH PAR S/N NUTS 20 83 60 Z 84 6 2 5 3 5 S 85 4 95 5 LONGITUDE 715 *213 02-Mordy 02 Temp 20 m 4 b JD/TIME 1 1,0 -DATE DAY PROJECT & LES BESTO7 은. Z > 8 FLUOR S/N MOG 070342-2. < 7 7 ¥ 5 PAR on Bridge ("Einsteins m-2s-1) 돐 TIME (GMT) Melissa ALK (MC) $oldsymbol{ar{L}}$ ₹ Z DIC (MC) DRY BULB < Tish < < << < DSDB I.D. 1 HEO7 0 X \$15N < < \leq < Isotopes < < ς 7 7 < 7 < WET BULB ಿ δ32Σι gases Trace PRESSURE Zoops Prod Micro SEA STATE VISIBILITY Ray 0 75 DIRN. N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devo 7 4 (0) F (N) STA. NAME/ID 3 951

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRESS SN VESSEL USCG Healy SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN 23 22 21 20 1675900. 17 CAST # 19 16 5 14 3 12 9 ∞ 5 œ 6 S DESIRED 20 00 8 20 20 48888 0 000 8 08 80 6 LATITUDE notes ROSETTE 4217359 SALT CRUISE ID DATA ON SAMPLE BOTTLE NUMBERS AT SURFACE START DOWN AT DEPTH NUTS LONGITUDE 02-Mordy 02 Temp 99 W 03 DATE JD= BEST07 유 ӡ PROJECT & LEG 중 FLUOR S/N DOM 0 ¥ 1×5+0 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 茮 Melissa ALK (MC) DIC (MC) DRY BULB Tish <u>\(\) \</u> DSDB I.D. 1HE07 915N Isotopes WET BULB ී δ32Σι gases Trace (mb) PRESSURE 6 Zoops Prod Micro SEA STATE VISIBILITY 003 WIND DIRN. N2/Ar Masha SPD. STATION DESIGNATION MAX. DEPTH = 120 CLOUD (amt) D.Shoil Radon TYPE WEATHER BOTTOM DEPTH (m) Devol 3-02 KADW CASH STA. NAME/ID 3 951

SEC TEMP SN PRI COND SN Notes on Surface Ice Conditions or proximity to ice edge VESSEL USCG Heavy PRI TEMP SN PRESS SN SBE 9+ 23 22 FIRED DEPTH 21 20 17 16 14 10 SEQ. DESIRED CAST # 19 8 15 13 --12 ဖ 00 ~ 6 4 ω 685926 1001 1 S HOX 407 80 ğ 2 33 Ń LATITUDE 20,65 notes ROSETTE 9 Q z SALT 232 74 CRUISE ID H10701 SAMPLE BOTTLE NUMBERS START DOWN DATA ON AT DEPTH AT SURFACE TIMES 12325. 十年 STUN 7 22 £ 12 1 82 42 なな 73 4 LONGITUDE 25,48 219 2/5 02-Mordy 02 Temp B × 11 JD/TIME <u>1</u> 17 ф () DAY PROJECT & LEG BESTO7 운 <u>⊀</u> M FLUOR S/N ~ DOM 0 굻 7 Q932-PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 돐 ALK (MC) Melissa < MZ < (< < < DIC (MC) < DRY BULB < 7 < (Tish 5 00 DSDB I.D. 1HEO7 ₹~ 615N ī Isotopes WET BULB 0 δ32Σι (7) gases Trace PRESSURE 00 Micro Zoops Prod SEA STATE VISIBILITY w w L DIRN. Masha N2/Ar (kts) WIND SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devol 3-02 STA. NAME/ID 3 4

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH VESSEL USCG Healy PRESS SN PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ 1695921 23 22 SEQ. 21 20 19 18 17 16 15 14 13 10 CAST # 12 9 6 œ DESIRED 107 500 ×000 200 70 50 <u>0</u> 21,36 LATITUDE notes ROSETTE S SALT N 17356 07 CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH DATA ON AT SURFACE START DOWN TIMES PAR S/N STON 2 36 23 2 20 20 50 8 8 Z LONGITUDE 50,43 02-Mordy 02 Temp 222 220 0.5 工 **ジ** w 43 JD/TIME 1.00 DATE JD= DAY PROJECT & LEG BESTO7 <u>×</u> CHL. S FLUOR S/N_ ~ DOM 0 ⋨ 7 PAR on Bridge (#Einsteins m-2s-1) 1219 TIME (GMT) 픘 Melissa 225-5 ALK (MC) DIC (MC) <u>S</u> DRY BULB Tish C_C DSDB :.D. 1HE07 **∂15N** Isotopes WET BULB 10th 0 δ32Σι gases Trace 00 PRESSURE Zoops Prod Micro SEA STATE VISIBILITY 322 Ray DIRN. N2/Ar Masha STATION DESIGNATION 15 (kts) WIND SPD. ٥ MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 00 STA. NAME/ID 3

SEC TEMP SN PRI COND SN FIRED DEPTH VESSEL USCG Healy PRESS SN SBE 9+ PRI TEMP SN SEQ. 22 21 23 20 17 16 14 3 CAST # 19 ₩ 15 1 5 12 4 ဖ œ თ S 9 DESIRED 00 17 Z 8º 25 35 4 0 10 O 15.84 LATITUDE notes 5 ROSETTE 20 z SALT HEIL CRUISE ID TIMES SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE DATA ON PAR S/N 0 12001 STUN 7 W 12 <u>-</u> LONGITUDE 15,92 47 02-Mordy 02 Temp ٩ <u>₩</u> JD/TIME +0.8 0 DATE DAY PROJECT & LEG BESTO7 유 A Y O 8 FLUOR S/N DOM 交 7 PAR on Bridge (µEinsteins m-2s-1) 500 TIME (GMT) 3446 픘 ALK (MC) Melissa <u>₹</u> DIC (MC) 1 DRY BULB Tish <u>.</u> ೦ DSDB I.D. 1HE07 (5) ð15N ı sotopes WET BULB 73.76 S δ32Σι gases Trace (mb) PRESSURE Micro Zoops Prod SEA STATE VISIBILITY Ray رن ســ DIRN. در) Masha N2/Ar STATION DESIGNATION 159 (kts) WIND SPD. 6 MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 5 3-02 Devol 121 XITI3-STA. NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge

SEC TEMP SN PRI COND SN VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge PRI TEMP SN PRESS SN SBE 9+ SEC COND SN SEQ. FIRED DEPTH 23 22 21 28 17 16 15 14 3 5 CAST # 20 15 _ 12 ဖ œ 7 6 S 4 ω 41 DESIRED 59 5 2 00 8 50, 000 77 Ę 1001 50 5 Q 121 8 30 00 0 9 0 ω. W LATITUDE notes NO. ROSETTE ₹ Z >8 Û ω SALT アナノ CRUISE ID H10701 DATA ON AT DEPTH TIMES START DOWN SAMPLE BOTTLE NUMBERS AT SURFACE PAR S/N STON たに 238 202 248 228 , 24 E 164 72 2 195 30 x y y y LONGITUDE 4 (237) 236 02-Mordy 02 Temp ₹ Ž S 00 JD/TIME 1,5 ₹ 7.7 DATE DAY w PROJECT & LEG BESTO7 þ 욷 3 등 ➣ FLUOR S/N __ ~< DOM 0 7 ¥ 7 00 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 돐 ALK (MC) Melissa N ¥. DIC (MC) DRY BULB Tish رم G. DSDB I.D. 4 \$15N Isotopes ĺ WET BULB 4 δ32Σι 6 gases Trace (mb) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray WIND DIRN. 7 N2/Ar Masha STATION DESIGNATION (kts) WIND SPD. 2 MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol SHYPZ! STA. NAME/ID 3 ١

50 m or above

to ice edge, 4/10 scattord flues,

VESSEL USCG Healy	CRUI H10	CRUISE ID	PROJECT & LEG BESTO7		DSDB I.D. 1HF07		STATION DESIGNATION	191
	LATITUDE	LONGITUDE	DATE JD=	TIME (GMT) DRY	DRY BULB WET BULB	PRESSURE SEA STATE VISIBILITY DR. &	SPD. CLOUD (amt) TYPE WEATHER DEPTH	ST
DEG MIN	-	2	Y MO YR		<u> </u>	, (dec	(kts) * * *	٠ "
	. O		3 3	0	-		DEMARKS	1 L
PRESS SN	DATA ON	A ON JD/TIME		PAR on Bridge ("Einsteins m-2s-1)	ns m-2s-1) =		REMARKS	
PRI TEMP SN	STAR	START DOWN						
SEC TEMP SN	AT D	AT DEPTH						
PRI COND SN	AT SI	AT SURFACE		10 Oz			MAX. DEPTH = 2	9
FIRED DEPTH RO	ROSETTE SAMI	SAMPLE BOTTLE NUMBERS		Melissa Tish	Isotopes	Trace Micro	Masha D.Sholl Devol	0
SEQ. DESIRED notes	tes SALT	NUTS 02-Mordy 02 1	02 Temp CHL. DOM	ALK (MC) DIC (MC)	C) 615N 632X1	gases Zoops Prod	N2/Ar Radon 3-02)2
1 / (26)		26 152 1	8					
2 100	220	46						
3 7 75		28						
1		29						
5 / 50		30	1					
6- 40		3	5					
7 / 3		F 32	7					
8 20		F 33	\					
9 10		F 34						
10 &		F 35 153					gas Ma/A	
0		F36	7					
12				:				
13								
14								
15					-			
16	1				-			
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18								
19								
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21	112				·			
22								
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Notes on Surface Ice	e Conditions or proximity	r proximity to ice edge	e 4/ scattory	Jach (Tack				
		,	`	TORU TINGS				

SEC COND SN
FIRED DEPTH SEC TEMP SN PRI COND SN PRESS SN VESSEL. USCG Healy Notes on Surface Ice Conditions or proximity to ice edge SBE 9+ PRI TEMP SN SEQ. 23 CAST # 22 21 20 19 200 17 16 15 14 13 _ 12 12 9 œ 7 6 ζŊ 4 ω 7 DESIRED NB 2000 F OS ४ 60 20 258 0 30 LATITUDE notes ₹ ROSETTE 0 2 476 SALT CRUISE ID H10701 DATA ON SAMPLE BOTTLE NUMBERS START DOWN 17532 AT DEPTH TIMES AT SURFACE PAR S/N NUTS 477 42F 38 39 37 744 43F 4SF 40 F 46F16 717 LONGITUDE 02-Mordy 02 Temp <u>₹</u> 2 4 7WOHMA 3M1T/QL Ò 6 DATE 4 DAY PROJECT & LEG BESTO7 운 S FLUOR S/N ~ DOM 0 뇄 7 PAR on Bridge ("Einsteins m-2s-1) 2002 TIME (GMT) 돗 Melissa ALK (MC) DIC (MC) ₹ Z D 10 DRY BULB Tish 0 (°C) DSDB I.D. 1HE07 2 915N Isotopes WET BULB ੈਂ δ32Σι 024) gases Trace _ (mb) PRESSURE Micro Zoops Prod SEA STATE VISIBILITY WIND DIRN. 04 N2/Ar Masha (kts) STATION DESIGNATION WIND SPD. MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholf TYPE WEATHER BOTTOM DEPTH 7% 3-02 Devol X 3 STA, NAME/ID

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN FIRED DEPTH VESSEL USCG Healy PRESS SN SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN SEQ. 23 22 16 15 13 12 2 20 19 18 17 14 5 CAST # 9 Φ ~ တ S 4 ω N ES 854t DESIRED 4,8 48 20 20 ō 8 LATITUDE notes ROSETTE 14511N8E SALT DATA ON CRUISE ID H10701 TIMES SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE PAR S/N STUN 200 45 75 53 52 25 58 50 22 LONGITUDE 1414 02-Mordy 02 Temp ۲ ۳ 7 JD/TIME 5 M M A Y DAY PROJECT & LEG BESTO7 CHL: 8 FLUOR S/N_ DOM 0 놨 7 0 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 돐 Melissa ALK (MC) DIC (MC) # 100 500 S Z alsom ç DRY BULB Tish c DSDB I.D. 1HE07 0 915N isotopes WET BULB c δ32Σι C47# gases Trace (mb) PRESSURE 2 Zoops Prod Micro SEA STATE VISIBILITY Ray 29 WIND DIRN. N2/Ar Masha (kts) STATION DESIGNATION WIND SPD. MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devol 3-02 から 132 XI3-N STA. NAME/ID 3 63

SEC TEMP SN PRI COND SN VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN PRI TEMP SN PRESS SN SEQ. 16 FIRED DEPTH CAST # 22 21 20 19 18 17 15 14 3 12 1 5 6 Ç ω 1478554 DEG MIN DESIRED 77 8 2 Ct Ct 8 50 20 X LATITUDE notes ROSETTE S 200 SALT z CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON TIMES AT SURFACE 122941 PAR S/N_ 194E STUN 93F 92F 9/1 90F 60 3 97F 0 LONGITUDE 02-Mordy 02 Temp ¥ 7 7 ک JD/TIME ٤ ~ __ OP MAY DATE JD= DAY PROJECT & LEG BESTO7 유 ₹ FLUOR S/N DOM 0 뇄 PAR on Bridge (LEInsteins m-2s-1) 0502 픘 TIME (GMT) ALK (MC) Melissa ₹ DIC (MC) DRY BULB TiSh. 0 ී DSDB I.D. N519 Isotopes WET BULB δ32Σι C gases Trace (a) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod 705 WIND DIRN. Masha N2/Ar (kts) WIND SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholf TYPE WEATHER BOTTOM DEPTH 132 Devol 3-02 123 STA. NAME/ID 3 49

SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN 23 22 21 20 19 <u>-1</u> SEQ. 17 16 18 14 5 ا ا ا CAST # 15 12 = ø œ φ DESIRED S 17 07 00 5c 75 40 0 0 20 0 00 0 01:100 LATITUDE notes ROSETTE 47 SALT z DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE 1735年 4000 NUTS 36 1036 20 102t 9 101 DAY. tool LONGITUDE 54,88 02-Mordy 02 Temp 智 2 このでのの JD/TIME -12 T T DATE JD= DAY PROJECT & LEG BESTO7 운 ≤ ₹ Þ FLUOR S/N ~ DOM 0 뇄 7 9816 PAR on Bridge (µEinsteins m-2s-1) काइक TIME (GMT) 픘 ALK (MC) Melissa <u>S</u> DIC (MC) DRY BULB Tish 0 6 DSDB i.D. 1HE07 N ŏ15N ı Isotopes 93% WET BULB 0 δ32Σι 9 / 9 gases Trace (mb) PRESSURE Zoops Prod Micro SEA STATE VISIBILITY 290 WIND DIRN. N2/Ar (kts) Masha STATION DESIGNATION 165 SPD. CLOUD (amt) MAX. DEPTH = REMARKS Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 7 135 3 N X X TI TI STA. NAME/ID 3

SEC COND SN FIRED DEPTH SEC TEMP SN PRI COND SN VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge SBE 9+ PRI TEMP SN PRESS SN SEQ. 20 23 22 2 19 -17 16 14 7.0 12 CAST # 15 12 _ ف œ 7 Ф 4 ω 4 2 DEC DESIRED 200 0 25.5 6 30 5 ۵ 0 00 14.16 notes LATITUDE S ROSETTE ON 17526. SALT DATA ON CRUISE ID H10701 AT DEPTH START DOWN SAMPLE BOTTLE NUMBERS TIMES AT SURFACE 1136 SLON 3 7 1111 100 (09) 200 100 166 59 LONGITUDE 24,12 02-Mordy 02 Temp ₹ <u>a</u> B M 2 B JD/TIME 1.0 DATE DAY PROJECT & LEG BESTO7 유 å ≤ š Þ FLUOR S/N ~ DOM 0 ¥ ~ PAR on Bridge (µEinsteins m-2s-1) 1032 TIME (GMT) 풄 0 ALK (MC) DIC (MC) Melissa 6 N N ï DRY BULB Tish 0 00 DSDB I.D. 1HEO7 00 615N Isotopes WET BULB N (°C) δ32Σι 2 gases Trace (mb) PRESSURE 9 Zoops Prod Micro SEA STATE VISIBILITY 474 Ray WIND DIRN. (deg) N2/Ar Masha STATION DESIGNATION 166 (kts) SPD. لن MAX. DEPTH = CLOUD (amt) REMARKS Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3 3-02 Devol 139×114-STA. NAME/ID 3

real gasbour in T, S, Oz at ~95m

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH VESSEL USCG Healy SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN 24 23 22 17 15 SEQ. 21 19 18 16 -4 --CONSC CAST # 20 3 12 70 9 œ 7 6 Ç 4 ω N *\$* DESIRED <u>ئ</u> 35 4 25 40 000 E 80 30 80 *ل*ر در 2 20 S 0 20 7 LATITUDE notes Ě ₹ Ž ROSETTE Ę, Ξ 0 SALT z CRUISE ID H10701 TIMES SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON AT SURFACE . ウセ 15七1 PAR S/N 7274 NUTS 1264 1254 1294 イトグ 1254 1225 150 1111 ノイン 1001 119 30 LONGITUDE 74.7 02-Mordy 02 Temp ₹ ما 56, 1 **7** ≥ JD/TIME ٥ و -0,0 Ō 0 DATE DAY 0 تك PROJECT & LEG 유 ≤ \$ A Y 0 FLUOR S/N DOM 겆 7 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 1222 둤 ALK (MC) Melissa 27-0. <u>S</u> DIC (MC) DRY BULB Tish ಿ DSDB I.D. 1HE07 41 615N Isotopes 1 abla< < < < 938 C _ WET BULB (°C) δ32Σι 0 gases Trace <u>_</u> mb) PRESSURE Zoops Prod Micro SEA STATE VISIBILITY 3 DIRN. 7 7 6 n n N2/Ar Masha STATION DESIGNATION (kts) SPD. 6 MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH در) و Devol 3-02 --U2 (E) _9 X H STA. NAME/ID 3 E ı دن

VESSEL USCG Healy SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN SBE 9+ SEQ. 2 20 17 16 15 13 10 CAST # 23 22 4 12 __ 19 18 9 co 7 6 S 4 w 17959 24 7 DESIRED 134 0 5.0. 8 6 00 00 0/4 0 0 LATITUDE notes * ROSETTE ¥ 20 N 1 7526 SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS DATA ON START DOWN TIMES AT DEPTH AT SURFACE 244 two PAR S/N STON LONGITUDE O2-Mordy O2 Temp ₹ 1 O. HELY JD/TIME MPPM DATE DAY 08090 PROJECT & LEG BEST07 JD≡ 운 중 FLUOR S/N DOM 0 Proporte ⋨ 7 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 돐 W ALK (MC) Melissa 50 X N DIC (MC) DRY BULB 0 It water Tish. Ĉ DSDB I.D. 1HE07 6 815N Isotopes WET BULB 632Σι toget 18m scripta N gases Trace (JE) PRESSURE . 00 Micro Zoops Prod SEA STATE VISIBILITY Ray WIND DIRN. 9 (deg) N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION S CLOUD (amt) MAX. DEPTH = REMARKS Radon D.Sholl TYPE WEATHER DEPTH 3-02 Devo 166 tietting bather the STA. NAME/ID 3 <u>-</u>

Fire battle 14 + 24

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH VESSEL USCG Healy PRI TEMP SN SBE 9+ PRI COND SN SEC TEMP SN PRESS SN 21 SEQ. 00 ₽4 22 19 18 15 23 14 = CAST # 20 17 16 12 13 5 9 œ 7 6 S 4 N 059 DESIRED DEG LATITUDE notes ROSETTE <u>₹</u> 포 dЦ رن . H 2 S t 1 N SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH Samil AT SURFACE START DOWN DATA ON PAR S/N NUTS LONGITUDE 02-Mordy 02 Temp ی JD/TIME ٤ 7**5** DATE DAY PROJECT & LEG BESTO7 유. M A Y 0 8 FLUOR S/N DOM 쏬 7 PAR on Bridge (HEInsteins m-2s-1) TIME (GMT) 픘 Melissa __ __ 00 ALK (MC) ĭ 0 DIC (MC) DRY BULB IS. ී DSDB I.D. 1HE07 6 815N t Isotopes WET BULB __ ී δ32Σι 7 gases Trace (d (d) PRESSURE RN12 B Micro Zoops Prod SEA STATE VISIBILITY Ray WIND DIRN. 00 N2/Ar Masha TADINTINUATION (kts) WIND SPD. 57 MAX. DEPTH = REMARKS more from 179 to acquire molle CLOUD (amt) down toll Radon D.Sholl TYPE andonh WEATHER BOTTOM DEPTH 3-02 Devol 9 136 3 18/8 CAST STA, NAME/ID CH 2 4 179

SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge VESSEL USCG Healy PRESS SN SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN SEQ. 20 23 22 21 74 CAST # 19 3 17 16 15 끖 12 = 10 9 7 œ 0 S 4 00 DESIRED S 1201 000 7 8 7 507 6 9 *د*ی 0 / 0 24 LATITUDE 27,47 notes ROSETTE ¥ رى دى 216 SALT DATA ON CRUISE ID AT DEPTH START DOWN SAMPLE BOTTLE NUMBERS AT SURFACE · 954t) PAR S/N STUN W 1 or? 上 10 J UT 5 LONGITUDE ሖ 56.45 4 003 DOC 02-Mordy 02 Temp HOWP HMAYO7 JD/TIME 11.6 0 DAY 유 PROJECT & LEG Š FLUOR S/N DOM ¥ PAR on Bridge ("Einsteins m-2s-1) 1 429 TIME (GMT) 丟 1524 ALK (MC) DIC (MC) Melissa MIN DRY BULB Tish c DSDB I.D. N ١, ŏ15N Isotopes WET BULB (ိုင δ32Σι 6 gases Trace (dm) PRESSURE Micro Zoops SEA STATE VISIBILITY Prod 192 DIRN. Masha N2/Ar T2/. NOITANDISED NOITATS WIND SPD. 00 MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 130 3-02 Devol 134×17 STA. NAME/ID Ξ 1 W

T. Har upto 50

SEC COND SN
FIRED DEPTH SEC TEMP SN PRI COND SN VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge PRESS SN PRI TEMP SN 23 22 17 SEQ. 20 19 2 - 00 16 -5 14 <u>ا</u>ل 12 00 CAST # -- 1 9 œ 6 4 N DESIRED <u>ও</u> -75 00 50 60 र्ठ 8 0,70 O 40 0 <u>下</u>0 40.63 LATITUDE notes ROSETTE 4 7 SALT z 222 CRUISE ID H10701 DATA ON SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH START DOWN TIMES 1742 カだ」 PAR S/N NUTS LONGITUDE 186 201 37 **₹** 江 164 151 5 171 28,57 アな光 00 02-Mordy 02 Temp 4 4 5 W DH M A Y JD/TIME 0.0 7:1-7. DATE JD= DAY PROJECT & LEG BESTO7 단 8 FLUOR S/N MOG 0 ¥ 7 PAR on Bridge (µEinsteins m-2s-1) 5481 1854 TIME (GMT) 돐 ALK (MC) DIC (MC) Melissa <u>₹</u> -DRY BULB Tish Ĉ DSDB I.D. 1HE07 015N Isotopes 1 WET BULB 632Σι G gases Zoops Prod Trace PRESSURE Micro SEA STATE VISIBILITY Ray DIRN. <u>ي</u> در) N2/Ar STATION DESIGNATION)68 Masha 9 (kts) WIND SPD. CLOUD (amt) MAX. DEPTH = REMARKS Radon IlonS.D TYPE WEATHER воттом 3-02 Devol DEPTH 50 1 X X X I 3 STA, NAME/ID 3 £ 1 T

5/10's - very close to 9/10's behind us + can see open would ahead

USCG Healy		H10701	BESTO7		1HE07					169
						:	A STATE SIBILITY	WIND WIND OUD (amt)	PE ATHER	BOTTOM MOTO
DEG	MIN	DEG MIN	DAY MO YR	HR MIN	(%)	(°C)	* s	(kte)	* T	
<i>S</i>	C	0	W C M A Y O	<u>ન</u>				0		02 M 2 - 1
SBE 9+		D Samil	JD/TIME						REMARKS	
PRESS SN		ON	**	PAR on Bridge ("Einsteins m-2s-1)	insteins m-2s-1)	•			,	
PRI TEMP SN		START DOWN								
SEC TEMP SN		AT DEPTH								
PRI COND SN		AT SURFACE		7	2			M	MAX. DEPTH =	97 =
ID SN		PAR S/N	FLUOR S/N							
FIRED DEPTH RC	ROSETTE	SAMPLE BOTTLE NUMBERS		Melissa	Tish Iso	Isotopes Tr	Trace Micro Ray	Masha	D.Sholl De	Devoi
SEQ. DESIRED no	notes SALT	LT NUTS 02-Mordy	O2 Temp CHL. DOM	ALK (MC)	DIC (MC) 615N	δ32Σι	gases Zoops Prod	N2/Ar	Radon 3-	3-02
tb 1	الله	*228 21 × 034	10,4							
2 75		22								
3 60		237								
4 SO		246			į					
_		25 6								
6 30										
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s S		29 6 *050								
10 S		π								
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24	_									

Notes on Surface Ice Conditions or proximity to ice edge VESSEL USCG Healy SEC COND SN PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN 23 22 SEQ. 16 FIRED DEPTH 21 20 17 15 13 CONSC CAST # 13 8 <u>-</u>4 10 9 6 ω w ₹ 2 DESIRED 2 Sec 2 80 7 04 0 30 60 0 0 0 90 <u>~</u> <u>~</u> <u>M</u> LATITUDE notes ROSETTE σÇ 128 SALT N 17436 DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE PAR S/N F33 STUN W 40 34 38 37 35 39 36 LONGITUDE *X0 X *0 02-Mordy 02 Temp S ≥ 00 1 3MIT/OF 1,6 0.6 200 DAY PROJECT & LEG BESTO7 유. × 7 8 FLUOR S/N ~ DOM 0 7 퐀 PAR on Bridge (¡Einsteins m-2s-1) 000시~ 돗 TIME (GMT) Melissa ALK (MC) DIC (MC) <u>S</u> DRY BULB Tish 0 ි DSDB I.D. 1HE07 615N Isotopes WET BULB δ32Σι Ĉ 1750 gases | Zoops | Prod Trace (mb) PRESSURE Micro SEA STATE VISIBILITY 200 Ray WIND DIRN. Masha N2/Ar (kts) SPD. STATION DESIGNATION MAX. DEPTH = 108 REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH Devo 3-02 2 - S ME STA. NAME/ID 3 04

SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ 22 23 20 19 16 SEQ. 2 8 17 15 14 13 12 5 182288 WIN CAST # 9 6 DESIRED 40 5 08 60 20 8 LATITUDE notes ROSETTE 0 202 SALT Z CRUISE ID H10701 DATA ON SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE 154 4 542 NUTS 七十十 わわず かな 8h 7 7 42 LONGITUDE 02-Mordy 02 Temp 620 280 SOM ナア JD/TIME -1.3 0.6 DATE JD= DAY PROJECT & LEG BESTO7 유 M A Y 0 7 증 FLUOR S/N DOM 뇄 0212 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) ALK (MC) Melissa ₹ DIC (MC) DRY BULB Tish 0 DSDB I.D. 1HE07 تع 915N 4 Z Isotopes WET BULB ී δ32Σι gases Trace (mb) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod のもだ DIRN. N2/Ar Masha WIND SPD. STATION DESIGNATION (kts) 2 MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 16 B 2122-1 STA. NAME/ID 3 T

VESSEL USCG Healy Notes on Surface Ice Conditions or proximity to ice edge PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN +6 38S SEC COND SN SEQ. FIRED DEPTH 23 22 2 20 16 15 13 12 5 DEG | DEG CONSC CAST # 19 - 00 17 74 _ မ œ 7 0 ω DESIRED 000 8 ह SS 60 6 LATITUDE S notes ROSETTE 7 4 5 4 1 N 8 8 SALT DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS START DOWN TIMES AT DEPTH AT SURFACE PAR S/N 7 × 72 45, STUN 55,5 1 4 LONGITUDE 992 |OZ-Mordy | OZ Temp 8 30 M 9 E JD/TIME 4,0 Ī DATE JD= W DAY PROJECT & LEG BESTO7 운 <u></u> FLUOR S/N ~ DOM 0 ¥ 7 0426-PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) 돐 Melissa ALK (MC) DIC (MC) X Z 000 DRY BULB Tish 0 Ĉ DSDB I.D. 1HE07 \$15N Isotopes WET BULB ි δ32Σι 7525 gases Trace PRESSURE س Zoops Micro SEA STATE VISIBILITY Prod <u>در</u> در WIND DIRN. N2/Ar Masha (kts) SPD. STATION DESIGNATION MAX. DEPTH = 1 26 REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devol 3-02 30/2-1 STA. NAME/ID 3

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Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH SEC TEMP SN PRI COND SN VESSEL USCG Healy PRESS SN SBE 9+ PRI TEMP SN SEQ. 22 21 20 16 19 17 CAST # -; 25 <u>-</u> 3 12 = 10 9 œ 7 6 4 ω S 4 DESIRED 00 2 RESE 8 20 V ₹ LATITUDE notes ROSETTE 2 z 223 SALT DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH START DOWN 176/21 NUTS 41 5 d) 33. 007 LONGITUDE 02-Mordy 02 Temp 693 <u>₹</u> C 12-0 2 w05 JD/TIME 0 <u>.</u> DATE DAY PROJECT & LEG BESTO7 어. × ≻ 중 FLUOR S/N 0 7 MOD ¥ としたの PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 茮 Melissa ALK (MC) DIC (MC) ¥ Z DRY BULB Tish \$15N Isotopes WET BULB ී δ32Σι gases Trace PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray WIND DIRN. N2/Ar Masha SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl TYPE Radon WEATHER BOTTOM DEPTH Devo 3-02 95 173 STA. NAME/ID 3

51/10/20

USCG Healy	H10701	BEST07	1HE07			77
CONSC .			1020	ESSURE	WIND WIND DUD (amt)	ATHER BOTTOM
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SBE 9+	TIMES JD/TIME				REMARKS	RKS
PRESS SN	DATA ON		PAR on Bridge (µEinsteins m-2s-1)	1)		
PRI TEMP SN	AT DEPTH					
PRI COND SN	AT SURFACE				MAX. D	MAX. DEPTH = m
	PAR S/N	FLUOR S/N				
FIRED DEPTH ROSETTE	SAMPLE BOTTLE NUMBERS		Melissa Tish	Isotopes Trace Micro	Ray Masha D.	D.Sholl Devol
SEQ. DESIRED notes	SALT NUTS 02-Mordy 02 Temp	Temp CHL. DOM	ALK (MC) DIC (MC)	δ15N δ32Σι gases Zoops	Prod N2/Ar	Radon 3-02
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SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ PRESS SN <u>0</u> SEQ. CAST # 21 20 19 18 17 16 15 14 13 12 _ 10 9 6 DESIRED 50 15 80. 32 20 HQ 30 3 70 0 J 46.83 LATITUDE **(**) notes ROSETTE Δ 6 200 SALT z DATA ON CRUISE ID AT DEPTH START DOWN SAMPLE BOTTLE NUMBERS AT SURFACE とたし PAR S/N NUTS 126 1304 767 128€ 173 125 124 22 رن LONGITUDE 36,24 0 705 02-Mordy 02 Temp 3 00 ≅ JD/TIME -1,2 0 2 DAY PROJECT & LEG BESTO7 ӡ 운 ⊳ FLUOR S/N ~ POM 0 ⋨ V PAR on Bridge ("Einsteins m-2s-1) <u>~</u> TIME (GMT) 1252 돘 ALK (MC) Melissa Co 00 ĭ 100 DIC (MC) DRY BULB 0 Tish DSDB I.D. 1HE07 دئ Station 38% 015N ì Isotopes WET BULB 0 032Σι gases Trace 1 PRESSURE Micro Zoops first time contluis live SEA STATE VISIBILITY Prod 259 DIRN. N2/Ar Masha STATION DESIGNATION 175 SPD. <u>—</u> (kts) MAX. DEPTH = CLOUD (amt) REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol 30 **3** 3 STA. NAME/ID 3 21 NW

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH SEC TEMP SN PRI COND SN USCG Healy PRI TEMP SN PRESS SN 24 23 22 2 19 <u>~</u> 17 15 SEQ. <u>_</u>3 20 16 14 5 CAST # 72 ₉ 8 თ \$ 0 100 BOT DESIRED 00 40 50 0 D 0 W 6 6 0 LATITUDE Z ROSETTE notes eq 9 522 SALT z 20 5 DATA ON SAMPLE BOTTLE NUMBERS START DOWN CRUISE ID AT SURFACE AT DEPTH TIMES ك 3 3 7 STUN 6 1 S LONGITUDE 4 02-Mordy 02 Temp ロラ F 12 TIZ 4 8 w 0 JD/TIME <u>ا</u> دن 201 DATE DAY n 운 ӡ FROJECT & LEG Þ 8 FLUOR S/N ~ DOM 0 Ř 7 PAR on Bridge (nEinsteins m-2s-1) 픘 TIME (GMT) ALK (MC) Melissa 602 ¥. DIC (MC) DRY BULB Tish 0 DSDB I.D. 1 015N C Isotopes < (7 WET BULB < < < < ς ς ೆ 63221 C Ç \subset (C 5 ς. ¢ C 7 gases Trace 0 PRESSURE Micro Zoops SEA STATE VISIBILITY Prod DIRN. 200 N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION 3 CLOUD (amt) MAX. DEPTH = REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol コセンチョ Luso's STA. NAME/ID ∄ 941

Notes on Surface Ice Conditions or proximity to ice edge SBE 9+ PRI TEMP SN USCG Healy SEC COND SN PRI COND SN SEC TEMP SN PRESS SN 23 22 2 17 16 15 14 SEQ. 20 19 8 3 12 FIRED DEPTH CAST # 70 ဖ œ თ 2 DESIRED 0 12/ 8 0 20 8 4 05 g 0 80 LATITUDE ROSETTE notes 20 20 SALT z 19411 DATA ON SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN CRUISE ID H10701 AT SURFACE PAR S/N STUN \mathbf{T} Ð 22 5 立 $\sqrt{}$ J 20 LONGITUDE 6 2 **%** 02-Mordy 02 Temp がれ 216 W 2 w05 JD/TIME 1 0 DATE DAY PROJECT & LEG BEST07 N A ģ 운 8 FLUOR S/N ~ DOM 0 ¥ 7 20 PAR on Bridge ("Einsteins m-2s-1) 픘 TIME (GMT) Melissa ALK (MC) DIC (MC) E MN 1 DRY BULB Tish 0 0 DSDB I.D. 4 015N Isotopes WET BULB (°C) δ32Σι gases Trace PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray 267 DIRN. Masha N2/Ar (kts) SPD. STATION DESIGNATION 4 MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 25 STA. NAME/ID ∃ 44

SBE 9+ USCG Healy PRI COND SN PRI TEMP SN SEC COND SN SEC TEMP SN PRESS SN 24 SEO. 23 22 21 20 19 8 17 76 14 13 72 11 FIRED DEPTH 15 CAST # - 9 00 o. S ٨ ω N 19260 B DESIRED 119 40 00 R 5 S C 60 80 0 2 LATITUDE notes ROSETTE <u>ئ</u> SALT 2 4 1 8 235 DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE PAR S/N ひるア STUN 32 F 30 F 25 26 -25, 29 F 28 F 7 23 27 F LONGITUDE ٧ 220 222 02-Mordy 02 Temp 5 OWO JD/TIME 4.1 0.6 DATE JD= DAY 6 M A Y 운. PROJECT & LEG BESTO7 8 IFLUOR S/N MOG 0 ¥ 7 0 PAR on Bridge ("Einsteins m-2s-1) 둤 TIME (GMT) ALK (MC) 23 ĭ Z DIC (MC) DRY BULB Tish 0 DSDB i.D. 1HE07 0 015N Isotopes WET BULB ĉ 032Σι gases Trace PRESSURE Micro Zoops Prod SEA STATE VISIBILITY 302 Ray WIND DIRN. N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION X MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl WEATHER BOTTOM ぞ 3-02 Devol \overline{z} 24 STA, NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH S8E 9+ VESSEL USCG Healy PRI COND SN PRI TEMP SN 23 SEC TEMP SN PRESS SN 22 21 20 19 18 17 16 SEQ. 5 4 _ <u>__</u> 12 5 CAST # و 00 a) S 2 DESIRED 0 DEG t N 200 20 38 S 8 0 0 00 \bigcirc LATITUDE notes ROSETTE 7 1 SALT z 1941 DATA ON CRUISE ID START DOWN SAMPLE BOTTLE NUMBERS AT DEPTH AT SURFACE NUTS 4 T 250 38 32 43 40 37 3 LONGITUDE 234 02-Mordy 02 Temp 233 0 JD/TIME 6 × 1 0.2 06 DATE 6 DAY ij 운 PROJECT & LEG BESTO7 ₹ 7 7 **△** 8 7 FLUOR S/N MOG 0 ¥ 7 PAR on Bridge (JiEinsteins m-2s-1) J424-TIME (GMT) 픘 ALK (MC) DIC (MC) Melissa ¥ DRY BULB Tish 0 DSDB I.D. 1HE07 <u>√</u> 015N isotopes WET BULB 00 n gases Zoops Trace PRESSURE Micro SEA STATE VISIBILITY Prod Ray WIND DIRN. N2/Ar Masha SPD. STATION DESIGNATION CLOUD (amt) MAX. DEPTH = REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol STA. NAME/ID かれ رع

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH USCG Healy SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN 22 2 20 19 8 16 SEQ. 17 15 14 ᆲ 12 1 CAST # 10 9 00 19461 a DESIRED 12t 8 ह 08 20 60 0 20 20 0 LATITUDE notes ROSETTE 69 SALT ·84541 N DATA ON CRUISE ID AT DEPTH START DOWN SAMPLE BOTTLE NUMBERS AT SURFACE なりょ 54 F 8h 7 STUN 52 50 4 Sh 44 LONGITUDE * 235 236 02-Mordy 02 Temp 14 w 06 M A Y JD/TIME -1.8 DATE DAY PROJECT & LEG BESTO7 Ď 유 MO FLUOR S/N DOM 0 X 7 06 PAR on Bridge ("Einsteins m-2s-1) 픘 TIME (GMT) ALK (MC) DIC (MC) Melissa ,5470. N N DRY BULB Tish <u>Ĉ</u> DSDB I.D. 2 615N Isotopes WET BULB ි 632Σι 396 gases | Zoops | Prod Trace PRESSURE Micro SEA STATE VISIBILITY ナイ WIND DIRN. Masha N2/Ar (kts) SPD. STATION DESIGNATION 4 REMARKS CLOUD (amt) MAX. DEPTH = Radon D.Sholl TYPE WEATHER ВОТТОМ DEPTH 102 Devol 3-02 96 STA. NAME/ID 3 080

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VESSEL USCG Healy	CRUISE ID H10701	PROJECT & LEG	1HE	DSD8 I.D. 1HEO7	S	STATION DESIGNATION	00 N
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CAST # LATITUDE	LONGITUDE	DATE JD=	TIME (GMT) DRY BULB	WET BULB	VISIT DIRN.	TYP	DEPTH STA. NAME/ID
DEG MIN	DEG MIN	DAY MO YR	HR MIN (°C)	(°C) (n		*	(m)
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SBE 9+		JD/TIME				REMARKS	
PRESS SN	DATA ON		PAR on Bridge ("Einsteins m-2s-1)	s-1) =			
PRI TEMP SN	START DOWN						
SEC TEMP SN	AT DEPTH						
PRI COND SN	AT SURFACE					MAX. DEPTH =	э
FIRED DEPTH ROSETTE	SAMPLE BOTTLE NUMBERS	I JELOUK S/N	Melissa Tish	Isotopes Trace		Masha ID.Sholl ID	Devol
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Notes on Surface Ice Conditions or proximity to ice edge	tions or proximity to ice e	edge					

SEC TEMP SN PRI COND SN SEC COND SN
FIRED DEPTH VESSEL USCG Heaty Notes on Surface Ice Conditions or proximity to ice edge PRI TEMP SN PRESS SN SBE 9+ SEQ. 23 22 21 18 17 13 5 20 19 15 4 CONSC CAST # 16 12 9 00 7 6 m 4 ω 20 DESIRED S DEC 720 S 50 2 40 3 2 þΟ 0 S 34,76 LATITUDE notes Z ROSETTE 4 なって N12506. SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS TIMES AT DEPTH START DOWN AT SURFACE DATA ON PAR S/N 44 STON 35 77 17 60 Ť 3 9 LONGITUDE 4 46.39 02-Mordy 02 Temp Š 152 から 153 <u>6</u> ₹ JD/TIME 1,1 7 - 1 1-16 0 DATE DAY 0 PROJECT & LEG BESTO7 CH. ≤ 중 Þ FLUOR S/N DOM 0 퐀 7 PAR on Bridge (µEinsteins m-2s-1) 1325 TIME (GMT) 풄 ALK (MC) DIC (MC) 327-Melissa ₹ Ž DRY BULB Tish 7 (°C) DSDB I.D. 1HE07 در) 915N ŧ Isotopes 300/ WET BULB δ32<u>Σ</u>ι 4 gases Zoops Trace 0 PRESSURE Micro SEA STATE VISIBILITY Prod <u>の</u> な WIND DIRN. N2/Ar Masha STATION DESIGNATION 182 (kts) SPD. 4 MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devo တ 82512-17 STA. NAME/ID 3

SEC COND SN
FIRED DEPTH Notes on Surface Ice Conditions or proximity to ice edge PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN SBE 9+ PRI TEMP SN SEQ. 976 23 22 21 20 <u>~</u> 17 16 15 _∴ 12 5 - CONSC CAST # 19 ဖ |ω 7 g, رم ا 4 ω DESIRED 72/ 2, 2, 2, 7 W 00 0 12,15 <u>-</u> LATITUDE notes BLLESON 1,25 Ü Nu N. SALT z · Sh h 2 1 DATA ON CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE STON 5 S 上 0 5 N LONGITUDE 45,13 ተ 02-Mordy 02 Temp 10 7 \$ 2 w \$ 6 JD/TIME Ţ. 1-0 DATE JD= DAY PROJECT & LEG BEST07 <u>⊀</u> 유. 중 FLUOR S/N ~ DOM 0 ⋨ PAR on Bridge (¡LEinsteins m-2s-1) 픘 TIME (GMT) £551 Melissa ALK (MC) <u>₹</u> DIC (MC) DRY BULB Tish 12 DSD8 I.D. 1HE07 و ò15N XX < × X X Isotopes 1 WET BULB b δ32Σι 7 gases Trace PRESSURE Micro Zoops Prod SEA STATE VISIBILITY 229 Ray WIND DIRN. N2/Ar Masha STATION DESIGNATION 163 -(kts) WIND. \overline{a} REMARKS MAX. DEPTH = CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM Devol 3-02 了 752-2-8 STA. NAME/ID 70M58 3

Notes on Surface Ice Conditions or proximity to ice edge PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ 24 23 22 SEC COND SN 21 20 19 17 16 SEQ. 2 15 <u>...</u> 12 FIRED DEPTH 14 10 9 CAST # 8 6 -0 00 DESIRED 40 9 20 30 60 8 0 60 O 9 2 LATITUDE <u>ال</u> ROSETTE notes ₹ Ž ωQ 000 6 SALT 226 Z DATA ON SAMPLE BOTTLE NUMBERS 774 CRUISE ID START DOWN AT SURFACE AT DEPTH STUN 中下 6 Ñ 12 <u>~</u> 0 ÞO w عـ LONGITUDE π T 7 T T π π T 4 216* 214* 02-Mordy 02 Temp 200 JD/TIME ري آ 4. ٤ DATE O DAY 6 ģ 유 3 PROJECT & LEG BESTO7 7 Þ 8 FLUOR S/N ~ MOG 0 ¥ 7 20 PAR on Bridge (¡Einsteins m-2s-1) 픘 TIME (GMT) Melissa ALK (MC) 0 <u>S</u> DIC (MC) _ DRY BULB Tish DSDB I.D. 1HEO7 7 015N Isotopes WET BULB (°C) 632Σι gases Trace (mb) PRESSURE Micro Zoops Prod SEA STATE VISIBILITY Ray 20 DIRN. N2/Ar Masha (kts) SPD. STATION DESIGNATION 0 REMARKS MAX. DEPTH = CLOUD (amt) D.Sholl Radon TYPE WEATHER 0065 BOTTOM DEPTH 3-02 Devol 181 STA, NAME/ID 70M58 9 0

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2006 Notes on Surface Ice Conditions or proximity to ice edge PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ SEC COND SN 24 FIRED DEPTH 23 20 SEQ. 22 2 19 ₩ 17 16 15 4 13 12 = 10 CAST # ထ œ S 4 DESIRED र्ट 435 20 B C X \mathcal{O} キ LATITUDE notes ROSETTE <u>₹</u> 0 公5 10584 IN SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN TIMES AT SURFACE DATA ON PAR S/N +33 £ 30 STUN F 28 26 27 32 S 29 LONGITUDE St/* 7 02-Mordy 02 Temp ₹ Z 94 JD/TIME اً لِهُ 4 ٤ 7 M A Y 0 7 LATE JD= DAY PROJECT & LEG BESTO7 운 <u>K</u> FLUOR S/N DOM ¥ 0207-0.6 PAR on Bridge (¡Einsteins m-2s-1) 픘 TIME (GMT) Melissa ALK (MC) DIC (MC) <u>₹</u> DRY BULB Tish (°C) 0SDB I.D. 1HE07 915N Isotopes WET BULB ೆ δ32Σι 1230 gases Zoops Prod Trace 000 (dm) PRESSURE Micro SEA STATE VISIBILITY 20510 WIND DIRN. N2/Ar Masha (kts) SPD. STATION DESIGNATION MAX. DEPTH = CLOUD (amt) REMARKS Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devo 3-02 3 7015 STA. NAME/ID 3 98

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRI TEMP SN PRESS SN S8E 9+ VESSEL USCG Healy PRI COND SN SEC TEMP SN 22 23 21 20 19 3 17 16 14 13 SEQ. 15 CAST # 12 10 9 00 6 DESIRED 60 20 છ 0 8 0 σQ 0 LATITUDE notes ROSETTE -6 41 SALT z AT DEPTH DATA ON CRUISE ID SAMPLE BOTTLE NUMBERS AT SURFACE 4 STUN 25/24 04 36 4 S 5 5 5 75 t LONGITUDE π TIT τ T 17 7 [/] 02-Mordy 02 Temp 70 18 4 JD/TIME ⊗ 1 DATE DAY 4 PROJECT & LEG BEST07 Ğ 운. Z A ₹ 8 FLUOR S/N ~ DOM 0 ž 7 0523 PAR on Bridge (HEinsteins m-2s-1) TIME (GMT) 됬 Melissa ALK (MC) DIC (MC) MZ. DRY BULB Tish 0 DS:DB I.D. D 015N Isotopes WET BULB **δ32Σι** Ĉ gases 09 race (dg) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray WIND DIRN. O N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION 4 CLOUD (amt) MAX. DEPTH = REMARKS Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devol 3-02 なな 2 M O 7 BT STA. NAME/ID ⋾ 421

Upcase met out to 11 1/2/02/ demonstrat, of october

USCG Healy	H10701	BESTO?	19607		
75.5H	39,49	5780		TATE	HER 73
CAST # LATITUDE		DATE JD= TIME (GMT)	MT) DRY BULB WET BULB	PRESS SEA S VISIBIL DIRN.	SPO. CLOUE TYPE WEATTOM
DEG		MO YR	(°C)	(mb) * * (deg)	* (
45.54	<u>३</u>	M A Y 0 7 08	10.5-	242	
SBE 9+	TIMES JD/TIME				REMARKS
PRESS SN	ON	PAR on Br	PAR on Bridge ("Einsteins m-2s-1) =		
PRI TEMP SV	START DOWN				
SEC TEMP SN	AT DEPTH				
PRI COND SN	AT SURFACE		17 Oa		MAX. DEPTH =
	PAR S/N	FLUOR S/N			
FIRED DEPTH ROSETTE	SAMPLE BOTTLE NUMBERS	Melissa	sa Fish Isotopes	Trace Micro Ray	Masha D.Sholl Devol
SEQ. DESIRED notes	SALT NUTS 02-Mordy 02	O2 Temp CHL. DOM ALK (MC)	DIC (MC) 015N		N2/Ar Radon 3-02
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Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRESS SN 4 3 VESSEL USCG Healy PRI TEMP SN 23 22 21 PRI COND SN SEC TEMP SN 17 20 19 ~ 76 15 14 13 12 SEQ. 0 CAST # φ ω თ ζ'n DESIRED S 30 5 46 0 0 0 LATITUDE notes ROSETTE 55 5 M MY nosi Kensa SALT neided CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON AT SURFACE 88 STUN S X 76 LONGITUDE W 02-Mordy 02 Temp 195 -1.6 28 JD/TIME ٤ DAY 유 ⋜ PROJECT & LEG BEST07 ⊳ 30 FLUOR S/N ~ DOM 0 ¥ 7 105 PAR on Bridge ("Einsteins m-2s-1) 픘 TIME (GMT) 27 Melissa ALK (MC) Σ 4 DIC (MC) DRY BULB Tish 0 DSDB I.D. SISN Isotopes WET BULB Ĉ δ32Σι gases Trace PRESSURE Zoops Micro SEA STATE VISIBILITY 235 Prod Ray WIND DIRN. N2/Ar Masha STATION DESIGNATION 189 WIND SPD. MAX. DEPTH = CLOUD (amt) REMARKS Radon D.Sholl prod WEATHER BOTTOM DEPTH 3-02 Devol 3 4 STA, NAME/ID ∃ 0 3

24	23	22	21	20	19	18	17	i	16	15	14	13	12	11	10	9	00	7	6	v	4	ω	2	_	SEQ. [FIRED	SEC COND SN	PRI COND SN	PRI TEMP SN	PRESS SN	24 94 38S		CAST #		USCG Healy
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Notes on Surface Ice Conditions or proximity to ice edge SEC TEMP SN PRI COND SN PRESS SN 0 USCG Healy PRI TEMP SN 23 22 21 8 17 16 5 13 12 20 19 FIRED DEPTH 14 5 SEQ. CAST # 9 00 თ DESIRED 0 8 8 05 \mathbb{Z} 20 2 2 000 ₹ 2 LATITUDE ROSETTE M notes z SALT SAMPLE BOTTLE NUMBERS CRUISE ID AT DEPTH START DOWN DATA ON AT SURFACE TIMES 1 NUTS 0 94 6 LONGITUDE W ×21 02-Mordy 02 Temp 17-4054 <u>₹</u> 8 JD/TIME ₹ 101-DATE DAY R 41 운 3 PROJECT & LEG BEST07 등 Þ FLUOR S/N DOM 0 ¥ 7 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 돐 ユ イ M M M Melissa ALK (MC) DIC (MC) DRY BULB Tish 0 DSDB I.D. 1HEO7 + ò15N Isotopes WET BULB Ĝ δ32Σι Trace gases Zoops Prod PRESSURE Micro SEA STATE VISIBILITY 267 WIND DIRN. (deg) N2/Ar (kts) Masha WIND. STATION DESIGNATION MAX, DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 2 3 STA, NAME/ID 2 3

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH PRESS SN SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN USCG Healy 22 21 20659 23 20 19 8 16 SEQ. 17 5 5 14 3 12 CAST # ø 00 ത DESIRED 20 6 200 3 20 0 00 50 LATITUDE notes ROSETTE <u>₹</u> 1018 SALT z 265 DATA ON CRUISE ID TIMES SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH START DOWN 4 PAR S/N NUTS 12 Ī 13 5 ₩ T 0 20 LONGITUDE ×216 4214 02-Mordy 02 Temp 44 W 1.7 1-1.7 08 DATE DAY 1 ğ 3 PROJECT & LEG BEST07 운 Þ 8 FLUOR S/N ~ MOG 0 7 뇄 022 PAR on Bridge ("Einsteins m-2s-1) 돐 TIME (GMT) Melissa ALK (MC) -₹ N DIC (MC) DRY BULB Tish 0 Ĉ. DSDB I.D. 1HE07 915N Isotopes WET BULB 032Σι Ĉ gases Trace PRESSURE Ċ Zoops Micro SEA STATE Prod 085 WIND DIRN. N2/Ar Masha STATION DESIGNATION SPD. 0 MAX. DEPTH = CLOUD (amt) REMARKS Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devol 3-02 3 STA. NAME/ID 3 192

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH PRESS SN SEC TEMP SN S8E 9+ 20 USCG Healy PRI COND SN PRI TEMP SN 20 23 22 19 8 17 76 15 14 3 7 CAST # | = ဖ ¢ თ 4 4 DESIRED 20 8558 0 5 **⊳**Q _0_ 5 LATITUDE notes 0 ROSETTE 188 z 456 SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH START DOWN DATA ON 703 STUN アナド 25 3 22 72 2 8 τ T 7 R π O2-Mordy | O2 Temp | CHL. 2 220 29 JD/TIME <u>⊘</u> 1 DATE 4 000 DAY 0 X A Y PROJECT & LEG BESTO7 Mo FLUOR S/N MOG 0 ¥ 7 0|5|20 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 픘 Melissa ALK (MC) DIC (MC) X N DRY BULB Tish 0 00 DSDB I.D. 1HEO7 4 015N Isotopes WET BULB ී 632Σι gases Trace PRESSURE Zoops Micro SEA STATE VISIBILITY Prod 0 DIRN. O N2/Ar Masha SPD. STATION DESIGNATION -⊘ MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol -SIXS9 60 STA, NAME/ID 3 193

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Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH 2 PRI COND SN SEC TEMP SN PRESS SN VESSEL USCG Healy 22 PRI TEMP SN 2085 23 17 20 19 16 15 13 SEQ. 8 <u>_</u> 12 70 9 CAST # თ S N DESIRED 3 S ٥ F2 D 0 0 <u>51</u> 52,08 LATITUDE 7 ROSETTE notes 7 Reeme 0 z SALT ともと 169 CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE DATA ON NUTS 30 27 27 20 68 18.5 LONGITUDE 18.66 233 02-Mordy 02 Temp 222 1 % 00 8 JD/TIME bettem 4 1 DATE DAY նղ N A 온 JD= PROJECT & LEG BEST07 376 8 FLUOR S/N ~ 2000 DOM 0 maderale ⋨ 7 - th 60 9h60 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 픘 73 ALK (MC) DIC (MC) Melissa ¥. Formale Show DRY BULB Tish ć 1HE07 DSD8 I.D. Section 015N Isotopes ı WET BULB 00% (°C) 632Σι تی gases Trace (a) PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray WIND DIRN. (deg) 4 N2/Ar Masha (kts) SPD. STATION DESIGNATION CLOUD (amt) MAX, DEPTH = REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH Devol 3-02 吞 3 STA, NAME/ID ₿ もと

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN FIRED DEPTH: PRESS SN USCG Healy **SBE 9+** 20 PRI TEMP SN PRI COND SN SEC TEMP SN 23 22 2 17 15 20 19 16 3 SEQ. 18 14 12 CAST # 10 ڡ α ത ζ'n 7 DESIRED \ \ \ \ 77 公司公 4000 0 0 S G LATITUDE 1 notes ROSETTE 7 z b SALT 46 CRUISE ID H10701 AT DEPTH SAMPLE BOTTLE NUMBERS AT SURFACE START DOWN DATA ON F 00 STUN n32 $\widehat{\alpha}$ 0 LONGITUDE わ 12 1 두 02-Mordy 02 Temp 50 C.C. 元 30 W 20 JD/TIME 11.4 5-11-2 DAY **∑** 운. PROJECT & LEG BESTO7 1 8 ~ FLUOR S/N DOM 0 ¥ PAR on Bridge ("Einsteins m-25-1) TIME (GMT) 9 14 14 픘 Melissa ALK (MC) <u>₹</u> DIC (MC) DRY BULB 990 Tish DSDB I.D. 1HE07 òIśN Isotopes WET BULB 300% ∂32Σι gases Trace PRESSURE Micro Zoops Prod SEA STATE VISIBILITY Ray DIRN. 90 N2/Ar Masha STATION DESIGNATION 195 SPO. MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol <u>छ</u> ७ S LX STA. NAME/ID 3 W

SEC COND SN FIRED DEPTH PRESS SN SBE 9+ USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN 2 1 0 23 22 20 19 <u>~</u> 17 SEQ. 6 CONSC CAST # 15 14 3 5 12 ဖ œ თ DESIRED ف 35 00 C) 20 30 **6**0 O D <u>유</u> 34.58 LATITUDE notes ROSETTE Q z SALT SAMPLE BOTTLE NUMBERS CRUISE ID AT DEPTH START DOWN DATA ON bottom AT SURFACE - 6 K 9 STUN 7 SIN S LONGITUDE 49.69 000 02-Mordy 02 Temp 243 236 63 W 08 M A 0 JD/TIME 1-1.6 71.5 DATE DAY Ę. PROJECT & LEG BESTO7 유 Cles Mo FLUOR S/N ~ MOD 0 ŧχ 7 Jan Dec In PAR on Bridge ("Einsteins m-2s-1) 1810 <u>a</u> TIME (GMT) 픘 Melissa ALK (MC) DIC (MC) 1-6 Z Z ١ DRY BULB 6 Tish C° DSDB I.D. 1HEO7 4 615N Isotopes WET BULB ٥ δ32Σι 9 gases Trace PRESSURE Micro Zoops Prod SEA STATE VISIBILITY Ray 0 0 0 WIND DIRN. 5 N2/Ar Masha SPD. STATION DESIGNATION 196 CLOUD (amt) MAX. DEPTH = REMARKS Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 4 STA. NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge FIRED DEPTH PRESS SN SEC TEMP SN VESSEL USCG Healy PRI COND SN PRI TEMP SN SBE 9+ 22 20 23 21 19 = 17 16 15 SEQ. 7 14 5 CONSC CAST # 3 φ œ თ ഗ DESIRED N 2 45 40 20 20 ō Ŕ 0 LATITUDE 5 notes ROSETTE M 20 IN T ×270 SALT DATA ON CRUISE ID AT DEPTH SAMPLE BOTTLE NUMBERS AT SURFACE START DOWN PAR S/N 4500 ተ STUN T TA ħ ħ LONGITUDE 2 6 Ĉ 0 * 202 -1.5 02-Mordy 02 Temp ×200-1.8 × + × JD/TIME DATE DAY 00 운 9 PROJECT & LEG BEST07 3 ⊳ 8 FLUOR S/N -< MOD 0 ¥ 7 21 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 뇄 Melissa ALK (MC) DIC (MC) MZ DRY BULB Tish 0 DSDB I.D. 1HE07 2 015N Isotopes WET BULB (°C) 032Σι gases | Zoops | Prod race PRESSURE Micro SEA STATE VISIBILITY WIND DIRN. Masha N2/Ar (kts) SPD. STATION DESIGNATION MAX, DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM 3-02 Devol S وک لډ XII STA. NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN
FIRED DEPTH PRESS SN 2 2 VESSEL USCG Healy 22 23 2 19 ---17 56 15 13 SEQ. CAST # 20 14 12 5 စ ထ თ S DESIRED 20000 S À S _ATITUDE 0 ROSETTE notes 0 T SALT 264 z CRUISE ID SAMPLE BOTTLE NUMBERS START DOWN AT SURFACE AT DEPTH DATA ON 7 20 STUN 7 $\overline{\sim}$ 2 _ 6 5 <u>~</u> LONGITUDE 20 1 T σ \Box T 02-Mordy 02 Temp $\overline{\mathcal{Q}}$ 38 6 4 4 4.1 ٤ ١ 20 DAY 유. Z A PROJECT & LEG BESTO7 증 FLUOR S/N ~ DOM 0 ¥ 0 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 돘 Melissa ALK (MC) / / 0 <u>₹</u> DIC (MC) 1 DRY BULB Tish C DSD8 I.D. 1HE07 41 015N Isotopes WET BULB <u>ೆ</u> ò32Σι gases Trace PRESSURE Micro Zoops Prod SEA STATE VISIBILITY 0 WIND DIRN. N2/Ar Masha -3 STATION DESIGNATION SPD. CLOUD (amt) MAX. DEPTH = REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol (E) 70 M 3 STA, NAME/ID 3 20

SEC COND SN
FIRED DEPTH VESSEL USCG Healy PRI TEMP SV SBE 9+ 22 PRI COND SN SEC TEMP SN PRESS SN 23 2 20 19 8 17 13 SEQ. 16 15 14 72 70 CAST # 9 00 ග 5 4 w W DESIRED 4785 5 S 60 7 30 2 O LATITUDE notes ROSETTE 20 258 SALT CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON AT SURFACE 0 STUN F 25 22 2 23 25 25 27 460 - 22 LONGITUDE *\ \% 02-Mordy 02 Temp 207 -1,6 2 <u>0</u> JD/TIME DAY PROJECT & LEG BEST07 足 ⋜ Þ 증 FLUOR S/N ~ DOM 0 7 ž 0540 PAR on Bridge ("Einsteins m-2s-1) 픘 TIME (GMT) Melissa ALK (MC) DIC (MC) ₹ DRY BULB Tish (°C) DSD8 I.D. 1HE07 615N Isotopes WET BULB ್ರಿ 632Σι gases Trace PRESSURE 2 Micro Zoops Prod SEA STATE VISIBILITY <u>ر</u> WIND DIRN. N2/Ar Masha SPD. STATION DESIGNATION 00 MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholi TYPE WEATHER BOTTOM DEPTH 3-02 Devol eating. STA. NAME/ID 3 199

Notes on Surface Ice Conditions or proximity to ice edge SEC TEMP SN PRI COND SN SEC COND SN
FIRED DEPTH USCG Healy PRI TEMP SN SBE 9+ 23 22 21 SEQ. 20 19 8 17 16 -5 74 13 12 5 CONSC CAST # 9 6 ထ 2 DESIRED 00 S 420864838000 8 S LATITUDE notes 00 ROSETTE 1 529 S 528 44 0,0 00 SALT z 3 AT DEPTH AT SURFACE DATA ON CRUISE ID SAMPLE BOTTLE NUMBERS START DOWN A CO の 紹 two D 4 32 NUTS 32 \mathcal{M} W K 1 LONGITUDE 30 0 43 9 20 02-Mordy 02 Temp N JD/TIME have 167 ٤ 0 DAY و ŭD≃ PROJECT & LEG BESTO7 온 ⊳ 8 FLUOR S/N ~ MOD 0 ¥ 7 89 GG PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 퓨 ALK (MC) DIC (MC) M. DRY BULB l Sh DSDB I.D. 1HE07 0 015N Isotopes WET BULB 032Σι 00 gases Trace PRESSURE Micro Zoops SEA STATE VISIBILITY Prod 6 DIRN. 4) Masha N2/Ar STATION DESIGNATION 2 (kts) WIND SPD. REMARKS MAX. DEPTH = CLOUD (amt) D.Sholl Radon TYPE WEATHER Bard BOTTOM DEPTH 3-02 Devol <u>(8)</u> - オン×ア STA, NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRESS SN VESSEL USCG Healy SBE 9+ PRI COND SN SEC TEMP SN PRI TEMP SN 215 23 22 2 20 SEQ. 19 17 16 5 3 CAST # 14 12 5 ω Φ σ'n S DESIRED 1) S. S. 2 500 5 5 8 5 8 5 8 B 00 87 0 00 m 00 00 00 6 0, **2**2 Go Su 00 P.S. 38 LATITUDE notes ROSETTE S 0 SALT z DATA ON START DOWN CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH AT SURFACE 7059.3 NUTS LONGITUDE 59.50 02-Mordy 02 Temp ≥ (1-JD/TIME 09 DATE DAY 운 JD= ≾ PROJECT & LEG BESTO7 MO Þ FLUOR S/N ~ DOM 0 ¥ 7 PAR on Bridge (µEinsteins m-2s-1) 10/10 1003 돘 TIME (GMT) Melissa ALK (MC) Z DIC (MC) DRY BULB Tish DSDB I.D. 1HE07 S 0152 Isotopes 7066 WET BULB 632Σι 4 gases Trace PRESSURE Micro Zoops SEA STATE VISIBILITY Prod 2 (deg) DIRN. رن STATION DESIGNATION 24X0 N2/Ar Masha (kts) WIND SPD. REMARKS MAX. DEPTH = CLOUD (amt) Radon D.Sholl TYPE (< Ċ, < < < < < < 7 < WEATHER BOTTOM DEPTH Devol 3-02 4 (E) X (D) X STA. NAME/ID 3

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN FIRED DEPTH 2165 USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN **SBE 9+** 24 23 22 19 8 17 21 5 13 20 15 SEQ. 14 5 CAST # 12 9 6 ω 4 DESIRED 8 94 23 75 0000 8 F Sh 24. 24,96 LATITUDE notes ROSETTE 00 17 2 SALT 240 DATA ON CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH AT SURFACE START DOWN TIMES 77 PAR S/N NUTS 43 ħ नेभ 42 7 40 ال ف 30 LONGITUDE <u>-</u>9 20,14 No 1 小 4 224 612 02-Mordy 02 Temp 70 JD/TIME M P P M A 4,0 DATE DAY 20= 운 PROJECT & LEG BESTO7 8 FLUOR S/N ~ ₽OM 0 ¥ 7 PAR on Bridge ("Einsteins m-2s-1) しかわし 픘 TIME (GMT) 1359 Melissa ALK (MC) DIC (MC) <u>M</u> DRY BULB Tish <u>Q</u> DSDB I.D. 1HE07 F 615N sotopes WET BULB 96% 632Σι 12 gases Zoops Prod Trace PRESSURE Micro SEA STATE VISIBILITY WIND DIRN. *1*2 (deg) N2/Ar Masha (kts) STATION DESIGNATION 26 SPD. REMARKS MAX. DEPTH = CLOUD (amt) Radon D.Sholl TYPE WEATH**E**R BOTTOM 3-02 Devol 8 98 X I STA, NAME/ID 3 4

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRESS SN VESSEL USCG Healy PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ 21 23 22 19 18 17 16 15 13 SEQ. CONSC CAST # 20 74 12 |= ဖ 6 S J DESIRED Ŋ 40 4) 97 07 G 50 B A 0 00 4 36.99 LATITUDE notes ROSETTE 07 SALT ż BC X05 E Cilteral CRUISE ID START DOWN SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH DATA ON 1029 47 52 2 200 STUN 27.5 LONGITUDE 29.94 02-Mordy 02 Temp 152 4 W 5 P JD/TIME 4,0 0 0 DATE DAY (Ŋ JD= 윈 <u>₹</u> PROJECT & LEG BEST07 8 FLUOR S/N -< MOG 0 ¥ 7 5 421 PAR on Bridge (¡Einsteins m-2s-1) 둈 TIME (GMT) 177 Melissa ALK (MC) <u>₹</u> DIC (MC) 1 DRY BULB ISH. 9 DSDB 1.0. 1HE07 4 ò15N J 92% Isotopes WET BULB 632Σι ₄J gases Trace PRESSURE Zoops Micro SEA STATE VISIBILITY Prod Ray <u>- 12</u> <u>- 14</u> WIND DIRN. Masha 00 N2/Ar SPD. STATION DESIGNATION REMARKS MAX. DEPTH = CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol 202 STA. NAME/ID 3

S8E 9+ VESSEL USCG Healy SEC TEMP SN PRI TEMP SN SEC COND SN PRI COND SN PRESS SN SEQ. FIRED DEPTH 24 22 19 23 2 CAST # 20 <u>~</u> 17 16 15 4 13 12 = 7 9 00 7 ത Ś 4 ω 00 DESIRED ・七七七い र्ट 50 50 8 20 0 20 LATITUDE notes ROSETTE 4 1 1 6 9 40 . 9 0 w SALT 253 + DATA ON START DOWN CRUISE ID H10701 SAMPLE BOTTLE NUMBERS AT DEPTH TIMES AT SURFACE PAR S/N STUN S *S* 25 45 8 LONGITUDE 2 8 * × 02-Mordy 02 Temp 202 1-1501 JD/TIME 0.8 9 DATE DAY <u>«</u> 운 PROJECT & LEG 8 FLUOR S/N Y 0 7 DOM 2054-1. PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 픘 Melissa ALK (MC) DIC (MC) <u>₹</u> DRY BULB þ Tish ි DSDB I.D. 015N Isotopes WET BULB Ĉ 032Σι gases Trace PRESSURE Micro Zoops Prod SEA STATE VISIBILITY Ray DIRN. N2/Ar Masha (kts) WIND SPD. STATION DESIGNATION 00 MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 7 3-02 Devol 29 Q STA, NAME/ID 3 0 W

Notes on Surface Ice Conditions or proximity to ice edge

SEC TEMP SN PRI COND SN VESSEL USCG Healy SBE 9+ SEC COND SN PRI TEMP SN PRESS SN 5t : bhts b 1 C SEQ. FIRED DEPTH CAST # 23 22 21 20 19 38 17 16 15 14 13 12 10 = 4 9 00 တ Сı DESIRED 50 5 20 S 49 0 Ŕ LATITUDE notes ROSETTE F15* N 1 6 8 SALT DATA ON CRUISE ID H10701 TIMES SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN AT SURFACE PAR S/N ht > STUN 72 ろた 70 64 LONGITUDE 8 * 243 *****200 02-Mordy 02 Temp 34 w 09 JD/TIME -1.5 DATE DAY <u>▼</u> ā 운 PROJECT & LEG ð FLUOR S/N ~ DOM 0 7 ¥ 1787 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 픗 Melissa ALK (MC) <u>₹</u> 7 DIC (MC) DRY BULB Tish $(^{\circ}C)$ DSDB I.D. 1HE07 615N Isotopes WET BULB ೦ ò32Σι gases 77 Trace 000 (mb) PRESSURE Micro Zoops SEA STATE VISIBILITY Prod DIRN. 66 Masha (kts) N2/Ar SPD. STATION DESIGNATION MAX. DEPTH = CLOUD (amt) REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol 57 2170 M22 STA. NAME/ID 204 3

Notes on Surface Ice Conditions or proximity to ice edge

220 SB€ 9+ VESSEL USCG Healy 23 SEC COND SN PRI COND SN SEC TEMP SN PRI TEMP SN PRESS SN 22 SEQ. FIRED DEPTH CONSC CAST # 21 15 4 20 19 8 17 16 <u>_</u> 12 = 10 9 œ ហ 6 DESIRED 40 20 6 0/ <u>7</u> DEG 30. LATITUDE notes ROSETTE --N SALT 263 CRUISE ID H10701 TIMES SAMPLE BOTTLE NUMBERS DATA ON AT DEPTH START DOWN AT SURFACE PAR S/N • 82 F 1 6t -1 STON 83 FRI 44 80 46 9 LONGITUDE π 02-Mordy 02 Temp 90 2 JD/TIME 1 0 DAY ⊒QĽ 兒 × PROJECT & LEG S FLUOR S/N DOM 0 ž 7 PAR on Bridge ("Einsteins m-2s-1) 03 픘 TIME (GMT) Melissa ALK (MC) DIC (MC) 4 ₹ DRY BULB Tish ී DSDB I.D. 1HE07 015N isotopes WET BULB |032Σι 0 gases Zoops Prod Trace (dm) PRESSURE Q Micro SEA STATE VISIBILITY WIND DIRN. <u>2</u> Masha N2/Ar (kts) WIND SPD. STATION DESIGNATION MAX. DEPTH = CLOUD (amt) REMARKS D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol 0/2 € 70 70 STA. NAME/ID 3 205

Notes on Surface Ice Conditions or proximity to ice edge

Notes on Surface Ice Conditions or proximity to ice edge PRESS SN PRI TEMP SN *ا*لا PRI COND SN SEC TEMP SN SBE 9+ USCG Healy 23 22 21 SEC COND SN 20 17 16 15 SEQ. 19 --72 FIRED | DEPTH 14 <u>۔</u> س 5 9 CAST # œ DESIRED 4 200 0 8 311: LATITUDE ROSETTE notes 70 ونه z SALT 757 DATA ON CRUISE ID SAMPLE BOTTLE NUMBERS START DOWN AT SURFACE AT DEPTH 1670 STUN 22278 50 75 LONGITUDE N 71 02-Mordy 02 Temp N 2 Ī 6 3 × JD/TIME 0 -0 DATE DAY W 0 0 JD= 욷 Z A PROJECT & LEG BESTO7 8 FLUOR S/N ٠< DOM 0 ¥ 7 PAR on Bridge ("Einsteins m-2s-1) 0707 픘 TIME (GMT) Melissa ALK (MC) ĭ Ž DIC (MC) DRY BULB Tish DSDB I.D. 1HE07 W \$15N Isotopes WET BULB Ĉ 632Σι gases Trace PRESSURE -Q Zoops Micro SEA STATE VISIBILITY Prod Ray 9 WIND DIRN. Masha N2/Ar (kts) <u>\</u> SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH 3-02 Devol 3 206 STA, NAME/ID 3

Notes on Surface Ice Conditions on proximity to include 2225 VESSEL USCG Healy SBE 9+ PRI COND SN PRI TEMP SN 22 21 SEC TEMP SN PRESS SN 24 20 19 ~ FIRED DEPTH SEC COND SN 16 15 SEQ. 17 14 11 CAST # 13 12 10 o Ω **~** თ DESIRED 000 18 5 43 4 0 ١ 19.34 7 LATITUDE notes 7 ROSETTE عـ اعـ 252 SALT CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON - 66 AT SURFACE PAR S/N 376 252 97 NUTS 326 \$ 86 LONGITUDE to 9 19,72 02-Mordy 02 Temp EEE 70 W 1 0 M A Y 0 7 JD/TIME b ٤, 운 PROJECT & LEG BESTO7 404 FLUOR S/N MOG ¥ PAR on Bridge (¡Einsteins m-2s-1) 1092-954 TIME (GMT) ALK (MC) Melissa DIC (MC) DRY BULB 0 Tish 10508 i.D <u>9</u> 015N sotopes WET BULB 632Σι gases Trace PRESSURE Micro Zoops SEA STATE VISIBILITY Prod Ray DIRN. <u>~</u> N2/Ar Masha STATION DESIGNATION 7 SPD. kts) MAX DEPTH = REMARKS CLOUD (amt) Radon D.Sholi TYPE WEATHER BOTTOM DEPTH 3-02 Devol 1 M O 7 1 F TOMIL STA. NAME/ID Э golm

Hoter on Surface Ice Conditions or proximity to ice edge SEC TEMP SN PRESS SN +6 38S USCG Healy PRI TEMP SN 22 35706 23 22 21 17 16 SEC COND SN 20 5 74 = 19 8 13 12 SEQ. FIRED DEPTH 10 CAST # ம œ თ S 4 DESIRED 4 60 82 W 8 b, 0 0 06,50 LATITUDE notes ROSETTE 1 [∞] 63 SALT 245 CRUISE IC H10701 START DOWN DATA ON SAMPLE BOTTLE NUMBERS AT DEPTH TIMES AT SURFACE 6536 PAR S/N 1635 و NUTS 8 10 1024 101 € 8 LONGITUDE 36,78 4 ሓ h 234 02-Mordy 臺 S JD/TIME O2 Temp * -0.5 10. DAY OM A Y O PROJECT & LEG BESTO7 유 8 FLUOR S/N 200 돐 7 PAR on Bridge ("Einsteins m-2s-1) 320 TIME (GMT) 픘 ALK (MC) Melissa ¥ Ž DIC (MC) DRY BULB 0 Tish DSDB I.D. HHEO7 ण 015N Isotopes WET BULB 632Σι 0 gases Trace (amb) PRESSURE S Zoops Micro SEA STATE VISIBILITY Prod WIND DIRN. - 0 N2/Ar Masha (kts) SPD. STATION DESIGNATION 208 MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER DEPTH DEPTH 3-02 Devol STA. NAME/ID 3 \$0\$

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SBE 9+	TIMES JD/TIME					REMARKS	
PRESS SN	DATA ON	9	PAR on Bridge ("Einsteins m-2s-1)	25-1) =			
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SEC TEMP SN	AT DEPTH					MAY DESTU	
SEC COND ON	DAR SIN	FILIDS S/N				MAA. OCT IT	=
FIRED DEPTH ROSETTE	SAMPLE BOTTLE NUMBERS		Melissa Tish	Isotopes Trace	Micro	Masha D.Sholl	Devol
notes	SALT NUTS 02-Mordy 02 Temp	CHL		3221	Zoons Prod		3-00
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Notes on Surface Ice Conditions or proximity to ica adoe SBE 9+ PRI COND SN USCG Healy 23 SEC TEMP SN PRI TEMP SN 24 22 21 20 19 ~ SEQ. SEC COND SN PRESS SN 6 15 14. FIRED | DEPTH 12 = 13 -0 CAST # 9 œ თ 6 DESIRED F 00 8 20 0 ∞ LATITUDE notes ROSETTE 42 N 16430. SALT 262 DATA ON CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN TIMES AT SURFACE PAR S/N 70 47 STUN 123 124 126 125 22 127 LONGITUDE S W 29 180% 02-Mordy 02 Temp 5 √\ 0 × JD/TIME 9 W <u>⊘</u> <u>₹</u> PROJECT & LEG BEST07 CH. FLUOR S/N ~ DO₩ 0 ¥ 7 PAR on Bridge (¡Einsteins m-2s-1) 2202 TIME (GMT) Melissa ALK (MC) DIC (MC) DRY BULB Tish DSDB I.D. 1HEO7 N510 Isotopes × WET BULB Ĉ 632Σι gases 0 Trace PRESSURE Micro Zoops SEA STATE VISIBILITY Prod Ray WIND DIRN. 4102 N2/Ar Masha STATION DESIGNATION 2 (kts) SPD. MAX. DEPTH = REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER BOTTOM DEPTH Devol 3-02 <u>ک</u> STA. NAME/ID 3 0 Z I 00

SEC TEMP SN PRI COND SN SEC COND SN
FIRED DEPTH VESSEL USCG Healy 23 22 21 PRI TEMP SN PRESS SN SBE 9+ 22756 SEQ. 20 19 17 15 ٦4 <u>_</u> --00 16 12 _ 10 CAST # რ w DESIRED 60 40 20 20 30 0 0 70 LATITUDE notes ROSETTE رن z SALT 256 CRUISE ID SAMPLE BOTTLE NUMBERS AT DEPTH START DOWN DATA ON AT SURFACE 1651 PAR S/N NUTS 1365 135F 134 F 1325 138 F 133 F 40F 137 F 39 F LONGITUDE 0 02-Mordy 02 Temp 6 7 02 W JD/TIME 216 Q DATE W DAY PROJECT & LEG BESTO7 MAY07 CHC. 1 7 8 FLUOR S/N DOM ¥ PAR on Bridge ("Einsteins m-2s-1) シャーの TIME (GMT) 픘 ALK (MC) DIC (MC) Melissa DRY BULB ĭ ish DSDB I.D. 1HE07 ò15N Isotopes WET BULB 632Σι gases 0 Trace PRESSURE Micro Zoops SEA STATE VISIBILITY Prod DIRN. 0 N2/Ar RUSPM -\(\frac{1}{1}\)(\kappa \cdot \kappa \cdot \ STATION DESIGNATION SPD. MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH 3-02 Devol 20C2-10 80 とろ STA. NAME/ID 3

Notes on Surface Ice Conditions or preximity to ice adae 2 PRI COND SN PRI TEMP SN S8E 9+ USCG Healy 23 SEC TEMP SN PRESS SN 2285609 22 20 19 6 15 14 SEQ. FIRED SEC COND SN 200 17 3 12 _ 10 CAST # œ თ U 4 w DEPTH DESIREO 02 50 3 5 60 9 0 0 90 LATITUDE notes ROSETTE 2 2 +250 SALT SAMPLE BOTTLE NUMBERS PAR S/N CRUISE ID AT SURFACE AT DEPTH START DOWN DATA ON 16607. 有 STUN 148 1 0,2 127 とか 142 22 146 え 7 LONGITUDE 127 |*||光 02-Mordy 02 Temp درن <u>8</u> JD/TIME **∞** ĐΑΥ 6 PROJECT & LEG BESTO? 유. 3 ģ Þ 30 FLUOR S/N ~ 1 DOM 0 < 7 ž 0616 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) Melissa 돘 ALK (MC) <u>X</u> DIC (MC) DRY BULB Tish OSDB I.D. **O** 015N sotopes WET BULB 032Σι Ĉ gases 0 Trace PRESSURE Zoops Micro SEA STATE VISIBILITY Prod F 1 230 DIRN. N2/Ar Masha SPD. STATION DESIGNATION MAX. DEPTH = 102 REMARKS CLOUD (amt) Radon D.Sholl TYPE WEATHER DEPTH 3-02 Devol 08CN-とこと STA. NAME/ID 3

Notes on Surface for Conditions or province to los educ PRESS SN 24 22 21 PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ VESSEL USCG Healy 23 SEC COND SN 2295551 20 SEQ. 9 <u>_</u> 17 5 15 4 73 12 FIRED DEPTH CAST # 10 9 ထ σ DESIRED 130 182 8 75 EN 40 8 80 õ 00 LATITUDE 51.04 ROSETTE notes r F HAE 十七 SALT DATA ON SAMPLE BOTTLE NUMBERS CRUISE ID AT DEPTH START DOWN TIMES AT SURFACE PAR S/N 6654 1576 STUN 1881 1544 1364 7551 153 52 15 4 LONGITUDE 54,40 02-Mordy 02 Temp 175) 5 2 لی 8 JD/TIME W 2 (2) DATE Ÿ S DAY PROJECT & LEG BESTO7 1 X A Ö 오. 8 FLUOR S/N DOM 0 7 1036 PAR on Bridge (µEinsteins m-2s-1) TIME (GMT) ALK (MC) Melissa Z Z DIC (MC) DRY BULB Tish 62 DSDB I.D. (1) \$15N Isotopes WET BULB 00 632Σι gases 0 PRESSURE O Micro Zoops SEA STATE VISIBILITY Prod Ray DIRN. 00 N2/Ar Masha <u>-</u> دی STATION DESIGNATION SPO. MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM Devol 3-02 137CN-114 STA, NAME/ID 3

Notes on Surface Ice Concions or PRESS SN SBE 9+ PRI COND SN PRI TEMP SN SEC COND SN SEC TEMP SN 124 23 22 21 16 15 14 2345 20 19 8 17 13 12 __ SEQ. FIRED DEPTH 5 CAST # 9 œ თ (CI 4 DESIRED 132 32 75 60 G g 20 30 8 0 0 00 ري دي 33.29 LATITUDE ROSETTE notes 2 4 238 z SALT DATA ON SAMPLE BOTTLE NUMBERS AT SURFACE AT DEPTH START DOWN 6742 PAR S/N acomment to the some 13/1 130 STUN 0 00 4 5 7 (V) 0 LONGITUDE Λ カム 42.67 00 02-Mordy 02 Temp 179 C5 W 1 JD/TIME W S DAY 무 X A 8 FLUOR S/N DOM OM 0 ⋨ 7 PAR on Bridge (¡Einsteins m-2s-1) 1611 TIME (GMT) ALK (MC) 6 Melissa 6 <u>₹</u> Ţ DIC (MC) 1 DRY BULB Tish 2 < 015N Isotopes ¢ < C <Ċ < < < WET BULB 032Σι N gases 0 Trace PRESSURE Micro Zoops SEA STATE VISIBILITY Prod Ray DIRN. 6 26 N2/Ar Masha SPD. REMARKS MAX. DEPTH = CLOUD (amt) Radon D.Shall TYPE WEATHER BOTTOM DEPTH 3-02 Devol 137CN-16 Lugols STA, NAME/ID Э

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VESSEL USCG Healy

CRUISE ID

PROJECT & LEG BESTO7

19808 I.D.

STATION DESIGNATION 215

Notes on Surface Ice Conditions or proximity to ice edge SEC COND SN
FIRED DEPTH PRI COND SN SEC TEMP SN PRI TEMP SN SBE 9+ 231 USCG Healy 24 21 91 22 PRESS SN 23 20 17 <u>1</u> SEQ. 19 - 00 15 14 72 5 CAST # Φ DESIRED 5041 60 5 200 600 8 200 300 88 600 900 35 800 40 50 88 00 8 光 00 $\overline{\nabla}$ _ATITUDE notes ROSETTE SALT START DOWN CRUISE ID H10701 SAMPLE BOTTLE NUMBERS DATA ON 116828. AT SURFACE AT DEPTH PAR S/N NUTS いい 35 S 36 3 カカ % W 37 27 50 200 よ つ り 400 ナナ 40 ONGITUDE 089 980 220 02-Mordy 02 Temp 714 480 243 207 0 0 150 060 059 シャ 2 £ JD/TIME G.E ٤ is 2,8 w 3,5 3.4 20,22 O,O w W DATE W DAY 00 PROJECT & LEG BESTO7 윈 Z ğ 8 FLUOR S/N ~ MOG 0 7 2206 PAR on Bridge ("Einsteins m-2s-1) TIME (GMT) 픘 Melissa ALK (MC) ¥ Ž DIC (MC) < 2 DRY BULB C 7 < C \leq < < Tish < 9 615N Isotopes WET BULB ೦ 032Σι gases Trace PRESSURE Zoops Prod Micro SEA STATE VISIBILITY Ray DIRN. Masha N2/Ar SPD. STATION DESIGNATION MAX. DEPTH = REMARKS CLOUD (amt) D.Sholl Radon TYPE WEATHER BOTTOM DEPTH Devol 3-02 えのナ S STA. NAME/ID 1 ₹ N