



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_MERCURY

OPERATOR(S) MG

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m	<del>###-Z00 p.MeHg</del>				
Z02 m	<del>###-Z02 p.MeHg</del>				###-Z02 f.MeHg
Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.THg 40-mL glass bottle FRG +4°C
Z00 m		#15 139,4 mg	3390		<del>###-Z00 f.THg</del>
Z02 m	###-Z02 p.THg				<del>###-Z02 f.THg</del>
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	<del>###-Z00 uf.THg</del>				
Z02 m	<del>###-Z02 uf.THg</del>				



Depth	COMMENTS
Z00  m	



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_W-LAB-142-1

OPERATOR(S) Eric

Depth Replicate	S320 Cryo-5mL LN2 #1	S023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	S<02 Cryo-5mL FRG +4°C	Filtration Volume (Litres)
Z00 R01 m			<input type="checkbox"/> 20L 14 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 14 L
Z00 R02 m			<input type="checkbox"/> 20L 14 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 14 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02	<input type="checkbox"/> 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02-2	<input type="checkbox"/> 20L L
Depth Replicate	P320 Cryo-5mL LN2 #1	P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			<input type="checkbox"/> 50L 47 L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		
Depth Replicate	S320-L 15mL falcon -20°C + 10 mL Nucleoprotect	S023-L 15mL falcon -20°C + 10 mL Nucleoprotect	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m			<input type="checkbox"/> 50L 47 L	<input checked="" type="checkbox"/> 60 min. min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	
Z02 m	
Depth	COMMENTS S###L
Z00 m	
Z02 m	



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_W-LAB-142-SS-1

OPERATOR(S) Eric

2024 03 24 1 1 8

Depth Replicate	S02-2K Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	
Z00 R01 m		<input type="checkbox"/> 15L 9 L	<input checked="" type="checkbox"/> 15' min.	80 L : Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
Z00 R02 m		<input type="checkbox"/> 15L 9 L	<input checked="" type="checkbox"/> 15' min.	
Depth Replicate	< 3 µm			
Z00 m	For onland protocols			50 L : Collect filtrate for SS protocols onland : V<3, RBM<3, VV<3, VV<3bis





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC

OPERATOR(S) JUF

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	Dicta Bottle-500mL RT >10°C	SAL Bottle-125mL RT >10°C
Z00 m					
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 Dicta	###-Z02 SAL
	+ 150 µl HCl			+ 300 µl HgCl <sub>2</sub>	
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C		
Z00 R01 m					
Z00 R02 m					
Z00 R03 m					
Z02 R01 m	###-Z02 DOM-1	###-Z02 DOC-1	###-Z02 NUT-1		
Z02 R02 m	##-Z02 DOM-2	###-Z02 DOC-2	###-Z02 NUT-2		
Z02 R03 m	##-Z02 DOM-3	###-Z02 DOC-3	###-Z02 NUT-3		
	+ 150 µl HCl				



Depth	COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00 m			
Z02 m			
Depth Replicate	COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00 R01 m			
Z00 R02 m			
Z00 R03 m			
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			





YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 03 24 \_STATION- 1 1 8 \_TARDIS-SCP-SS  
 OPERATOR(S) JUF

LCMS

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R02 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R03 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R04 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		1.5 <input checked="" type="checkbox"/> L L	<input checked="" type="checkbox"/> 100 min min
Z00 R05 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min			
Z00 m		1.5 <input checked="" type="checkbox"/> L L	<input checked="" type="checkbox"/> 100 min min			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	



LOG\_SAMPLES\_ 2024 03 24 \_STATION- 1 1 8 \_W-LAB-142-SS-2  
 OPERATOR(S) JCF-

Depth Replicate	MB320 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	MB033 50mL-Falcon FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min
Z00 R02 m		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min
Z00 m		4 <input checked="" type="checkbox"/> <del>16</del> L	<input checked="" type="checkbox"/> 30 min		4 <input checked="" type="checkbox"/> <del>16</del> L	<input checked="" type="checkbox"/> 30 min
Z02 R01 m	###-Z02 MB320-SS-1	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min	###-Z02 MB033-SS-1	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min
Z02 R02 m	###-Z02 MB320-SS-2	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min	###-Z02 MB033-SS-2	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min
Z02 m	###-Z02 MB320-H2O	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min	###-Z02 MB033-H2O	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min

COMMENTS




Depth Replicate		COMMENTS MB320-SS	COMMENTS MB033-SS
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Z02	R01 m		
Z02	R02 m		
Z02	R03 m		
Depth	COMMENTS LCMS		
Z00	m		
Z02	m		





Depth Replicates		○ CP-G Cryo-5mL LN2 #1	● SG Cryo-5mL LN2 #1	● FC-P Cryo-2mL LN2 #3	● FC-G Cryo-2mL LN2 #3		
Z02	R01 m	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1		
Z02	R02 m	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2		
Z02	R03 m	###-Z02 CP-G-3	Glycine- betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C		
Prealiquot		Glycerol prealiquot - RT					
					DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
COMMENTS							





Depth	COMMENTS SG5
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Z00 R01  
m

Z00 R02  
m

Depth	COMMENTS FM5
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Z00 R01  
m

Z00 R02  
m

Final Vol = 45 mL





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_PPN2-PPN2exe

OPERATOR(S) ANNA

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	09 : 25	<del>09</del> : 30
Z00 m	2	09 : 25	<del>09</del> : 35
Z00 m	3	09 : 25	09 : 38

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		2270	10 : 15	10 : 40
Z00 m	NAT-2		2270	10 : 15	10 : 48
Z00 m	NAT-3		2270	10 : 15	10 : 40

24h (+/- 30min) later

Filtration < 40min

Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time – start	Filtration time – end
Z00 m	PPN2-1			2270	12 : 30	13 : 05
Z00 m	PPN2-2			2270	12 : 30	13 : 00
Z00 m	PPN2-3			2270	12 : 30	13 : 05
	BLANK		* +100 µL ZnCl			



Depth	COMMENTS
	<u>replicate 2:</u> PPN2EXE-1
	PPN2EXE-2
	PPN2EXE-3

112546238

112546240

112546242

QR	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	03	24	05	00				JOB / FW
						_STATION-		_SML	

Water Collection		Number of dips: 8			Volume Collected (L) 0.55L		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments		
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)						
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)						
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				~ 150ml		
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~ 150ml		

QR	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	03	24	09	00				JOB / FW
						_STATION-		_SML	

Water Collection		Number of dips: 9			Volume Collected (L) 0.6L		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments		
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)						
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)						
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				~ 150 ml		
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~ 150ml		



~ 120 m

8


0.95












~ 120 m

~ 120 m












8

0.225

	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	03	23	21	00				Job/Fw
						_STATION-		_SML	

Water Collection		Number of dips:		Volume Collected (L)			
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments		
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	 112545893	 112545894				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	 112545895	 112545896	 112545897			
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	#  112545898	 112545899	 112545900	3	✓ 150ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	#  112545901	 112545902	 112545903		~ 150ml	

YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
2024	03	24	01	00				Job/Fw
						_STATION-		_SML

Water Collection		Number of dips:		Volume Collected (L)			
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments		
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	 112545882	 112545883				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	 112545884	 112545885	 112545886			
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	 112545887	 112545888	 112545889	3	~ 150ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	#  112545890	 112545891	 112545892		~ 150ml	



~ 120 m

0.95

~ 120 m

~ 120 m

10



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-25-1

OPERATOR(S) Emmanuelle Martins

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 0.65 2. 0.33 3. 0.43	###-Z00 PM-CTRL	mL	N°		
				Weight		
Z02	1. 2. 3.			<b>TRIPPLICATES ONCE A MONTH FOR HP</b>	HP Cryo-2mL LN2 #3	Filtration Volume (mL) Filtration Duration (minutes)
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	 112546189	1080	<input type="checkbox"/> 30 min. 10 min.
Z00	 112580610	1080 mL	Z00 R02 m	###-Z00 HP-2		<input type="checkbox"/> 30 min min.
			Z00 R03 m	###-Z02 HP-3		<input type="checkbox"/> 30 min min.
			Z02 R01 m	###-Z02 HP		<input type="checkbox"/> 30 min. min.
Depth	PM Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)	FOI Petridish FRZ -20°C	Filtration Volume (mL)	N° filtre + weight (mg)
Z00 R01	 112580604	1080 mL	N° TE236 Weight 37.558	 112580607	1080 mL	N° TE023 Weight 36.684
Z00 R02	 112580605	1080 mL	N° TE151 Weight 37.619	 112580608	1080 mL	N° TE361 Weight 37.811
Z00 R03	 112580606	1080 mL	N° TE200 Weight 38.155	 112580609	1080 mL	N° TE268 Weight 37.418



Depth Replicate		COMMENTS PM	COMMENTS FOI
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Depth Replicate		COMMENTS PA - HP	
Z00	m		
Z02	m		





LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-20

OPERATOR(S) Emmanuelle Martins

Decknet  
 Deployed at sea

Net 20 µm

SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1600 mL	<input type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
<span style="color: blue;">●</span> S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 200 mL (1/8) mL				
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input checked="" type="checkbox"/> 45 mL			<input checked="" type="checkbox"/> 45 mL	
HG-20 Falcon-15mL FRZ -20°C		500 mL				



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1		
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C		
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		



LOG-SAMPLES\_ 

YYYY	MM	DD
2024	03	24

 \_STATION- 

#	#	#
1	1	8

 \_S-LAB-NET-200

OPERATOR(S) 

Emmanuelle Martins
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Horizontal  
WP11-200

SAMPLE  
SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of  
total volume

Aliquot  
Volume (mL)

F200  
Bottle-250mL  
+  
borax/formol  
RT >10°C



100%

250 mL

%

500 mL

SAMPLE  
SPLITTING

COD-END #2

Total volume

1600 mL

PROTOCOLS

Barcode

Filtered  
volume (mL)

Filtration time

Barcode

Filtered  
volume (mL)

Filtration time

● S200  
Cryo-5mL  
LN2 #1



20 mL

15 min



20 mL

15 min

S200-L  
Falcon-5mL  
FRZ -20°C  
+ 5mL Nucleo



20 mL

HG-200  
Falcon-15mL  
FRZ -20°C



1400 mL



COMMENTS

COMMENTS

SAMPLE  
SPLITTING

PROTOCOLS

F200  
Bottle-250mL  
RT >10°C

SAMPLE  
SPLITTING

PROTOCOLS

S200  
Cryo-5mL  
LN2 #1

S200-L  
Falcon-5mL  
FRZ -20°C



LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-680

OPERATOR(S) Emmanuelle Martins

Régent 680

SAMPLE SPLITTING

NET TOW n° 2

FLOWMETER 56 482 58 481

NET TOW n° 1

FLOWMETER Total volume 54 648 56 482

1600 mL

PROTOCOLS

	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<b>F680</b> Bottle-250mL RT >10°C + Borax/Formol		<input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
		50 %	<input type="checkbox"/> 500 mL			
<b>F2000</b> Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL			
		#ind=	<input type="checkbox"/> 500 mL			
<b>S680-L</b> Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input checked="" type="checkbox"/> 100 %	50 mL
					%	
<b>HG-680</b> Falcon-15mL FRZ -20°C						1550mL



	COMMENTS	COMMENTS
<b>SAMPLE SPLITTING</b>	<i>Very rich. Lot of gelatinous.</i>	
<b>PROTOCOLS</b>		
<b>F680</b> Bottle-250mL RT >10°C		
<b>F2000</b> Bottle-250mL RT >10°C		
<b>S680-L</b> Falcon-5mL FRZ -20°C		