



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

OPERATOR(S) \_\_\_\_\_

2024 04 08

1 2 3

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	###-Z00 p.MeHg				
Z02 m	###-Z02 p.MeHg				###-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		# 1 138,7 mg	3437		###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



Depth	COMMENTS
Z00 m	



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 04 07 \_STATION- 1 2 3 \_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 <u>15</u> L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L <u>15</u> L
Z00 R02 m			<input type="checkbox"/> 20L <u>15</u> L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L <u>15</u> 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 <u>38</u> 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 <u>38</u> 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.		



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5123

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



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

OPERATOR(S) Vanessa Pahl

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						###-Z00 SAL
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** **04** **08** \_STATION- **1** **2** **3** \_TARDIS-SCP  
 OPERATOR(S) **Vanessa Pohl**

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R02		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R03		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R04		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R01	###-Z02 PPL-1	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-1	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R02	###-Z02 PPL-2	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-2	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R03	###-Z02 PPL-3	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-3	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R04	###-Z02 PPL-4	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-4	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
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		<input type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
m		15 L	min.		15 L	min.
Z02	###-Z02 MB320	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.	###-Z02 MB033	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.
m		L	min.		L	min.



Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	





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

OPERATOR(S) Iole Di Capua

Depth	Replicates	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G Cryo-5mL LN2 #1	SG Cryo-5mL LN2 #1	FC-P Cryo-2mL LN2 #3	FC-G Cryo-2mL LN2 #3
Z00	R01 m						
Z00	R02 m						
Z00	R03 m				Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00	R04 m			Glycerol prealiquot - RT			
Z00	R05 m				DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT			+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
<b>Depth Replicate</b>	eDNA Watera capsule RT	<b>Filtration Volume (Litres)</b>	<b>Filtration Duration (minutes)</b>		<b>+ 50 mL of buffer</b>		< 0.45 µm
Z00	 m	<input checked="" type="checkbox"/> 30L L	<input checked="" type="checkbox"/> 30 min. min.				



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							



LOG\_SAMPLES\_ 

YYYY	MM	DD
2024	04	08

\_STATION- 

#	#	#
1	2	3

 \_S-LAB-DECKNET-5

OPERATOR(S) 

Iole Di Gyoa
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Depth	Volume filtered (Litres)				
Z00	<input checked="" type="checkbox"/> 10 L				
m	<input type="checkbox"/> L				
Z02	<input type="checkbox"/> 10 L				
m	<input type="checkbox"/> L				

Depth	FM5-1* Falcon-15mL FRG +4°C	FM5-2* Falcon-15mL FRG +4°C	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00	 112547717	 112547718	 112547719	 112547720
m				
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2
m				

\*pre-aliquoted 5 mL PFA/GLUT  
store at -20°C

\* pre-aliquoted Glycine betaine  
store at 4°C





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

OPERATOR(S) Iole Di Copua

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	10 : 11	10 : 14
Z00 m	2	10 : 11	10 : 14
Z00 m	3	10 : 11	10 : 14

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		800 ml	11 : 32	11 : 44
Z00 m	NAT-2		800 ml	11 : 32	11 : 44
Z00 m	NAT-3		800 ml	11 : 32	11 : 44

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			800 ml	12 : 38	13 : 02
Z00 m	PPN2-2			800 ml	12 : 38	13 : 02
Z00 m	* see PPN2-3 comments			800 ml	12 : 38	13 : 05
	BLANK		* +100 µL ZnCl			





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

OPERATOR(S) Emmanuelle Maelins

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 0.56 2. 0.63 3. 0.76		150 mL	N° TE 103 Weight 36.324		
Z02 m	1. 2. 3.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #3	Filtration Volume (mL) Filtration Duration (minutes)		
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	1080 mL <input type="checkbox"/> 30 min. 15 min.		
Z00 m		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 m		1080 mL	N° TE 034 Weight 37.306		1080 mL	N° TE 134 Weight 37.720
Z00 R02 m		1080 mL	N° TE 008 Weight 35.310		1080 mL	N° TE 399 Weight 37.733
Z00 R03 m		1080 mL	N° TE 116 Weight 37.245		1080 mL	N° TE 262 Weight 37.797



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

Net 20  $\mu$ m

Decknet  
 Deployed at sea

SAMPLE SPLITTING # of cod-ends  1  2 Total volume  1600 mL Aliquots vol.  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 type="checkbox"/> 15 mn 01 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input type="checkbox"/> 15 mn 01 mn
FCAM20 Bottle-250mL LIVE		<input checked="" 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		400 mL				



8 5 1 40 40 4505  
Commence Marine

	COMMENTS ✕	COMMENTS
SAMPLE SPLITTING		✕ ✕
PROTOCOLS	✕	✕
S20 Cryo-5mL LN2 #1	ATTC	✕
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	✕	✕
		in 00A



LOG-SAMPLES\_ 

YYYY	MM	DD
2024	04	07

 \_STATION- 

#	#	#
1	2	3

 \_S-LAB-NET-200

OPERATOR(S) 

Emmanuele Martins
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Horizontal  
WPII-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



80 mL

15 min



80 mL

15 min

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



80 mL

HG-200  
Falcon-15mL  
FRZ -20°C



1200 mL



COMMENTS

COMMENTS

SAMPLE  
 SPLITTING

PROTOCOLS

F200  
 Bottle-250mL  
 RT >10°C

SAMPLE  
 SPLITTING

PROTOCOLS

S200  
 Cryo-5mL  
 LN2 #1

Shred Vellele. A lot of part of vellele  
 into the filter.

S200-L  
 Falcon-5mL  
 FRZ -20°C

" " "  
 " " "



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

2024 04 07 1 2 3

OPERATOR(S) Emmanuelle Martins

Régent 680

SAMPLE SPLITTING	NET TOW n° <u>2</u>		NET TOW n° <u>1</u>			
	FLOWMETER <u>79 023</u>	<u>81 759</u>	FLOWMETER <u>76 381</u>	<u>79 022</u>		
			<input checked="" type="checkbox"/> 1600 mL			
PROTOCOLS	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol		<input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
		%	<input type="checkbox"/> 500 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL			
		#ind=	<input type="checkbox"/> 500 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input checked="" type="checkbox"/> 100 %	150 mL
					%	
HG-680 Falcon-15mL FRZ -20°C					\$	1300mL



COMMENTS

COMMENTS

SAMPLE  
SPLITTING

PROTOCOLS

F680  
Bottle-250mL  
RT >10°C

F2000  
Bottle-250mL  
RT >10°C

S680-L  
Falcon-5mL  
FRZ -20°C