



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY
2024 04 09 1 2 4
 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	/	###-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		# 19 124,4 mg	2090		/
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			



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 04 _STATION- 1 2 4 _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>13</u> L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L <u>13</u> L
Z00 R02 m			<input type="checkbox"/> 20L <u>6</u> L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L <u>6</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>20</u> L	<input checked="" type="checkbox"/> 60 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>20</u> L	<input checked="" type="checkbox"/> 60 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- # # # _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 HgCl₂	
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			



LOG_SAMPLES_ **2024** **04** **09** _STATION- **1** **2** **4** _TARDIS-SCP

OPERATOR(S) **Vanessa Pahl**

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 type="checkbox"/> 120 min.		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		<input checked="" type="checkbox"/> L	150 min.		BLANK L	150 min.
Z00 R02		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	150 min.		L	150 min.
Z00 R03		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	150 min.		L	150 min.
Z00 R04		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input 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 checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
m		L	min.		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	
4B033		Unfortunately the 0.3 μ m Filter broke



LOG_SAMPLES_ YYYY MM DD # # # #
 2024 04 09 _STATION- 1 2 4 _S-LAB-OTHER
 OPERATOR(S) Joelle 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 extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		<input 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 exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _PPN2-PPN2exe

OPERATOR(S) Tolle Di Capua

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	11:00	11:03
Z00 m	2	11:00	11:04
Z00 m	3	11:00	11:04

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		600 ml	10:30	10:45
Z00 m	NAT-2		600 ml	10:30	10:45
Z00 m	NAT-3		600 ml	10:30	10:48

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				11:36	11:50
Z00 m	PPN2-2				11:36	11:50
Z00 m	PPN2-3				11:36	11:50
	BLANK		* +100 µL ZnCl			



LOG_SAMPLES_ YYYY MM DD 09 # # # _STATION- 1 2 4 _S-LAB-25-1

OPERATOR(S) Emmanuelle Martins

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtrés + weight (mg)		
Z00	1. 8.60 2. 8.69 3. 8.76	###-Z00 PM-CTRL	mL	N° Weight		
Z02	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	<input type="checkbox"/> 30 min. 05 min.		
Z00		400 mL	Z00 R02 m	<input type="checkbox"/> 30 min min.		
			Z00 R03 m	<input type="checkbox"/> 30 min min.		
			Z02 R01 m	<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		400 mL	N° TE 163 Weight 37.251		400 mL	N° TE 178 Weight 37.404
Z00		400 mL	N° TE 139 Weight 38.284		400 mL	N° TE 332 Weight 37.328
Z00		400 mL	N° TE 040 Weight 37.139		400 mL	N° TE 356 Weight 37.271



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
2024	04	09 ⁰⁹

_STATION-

#	#	#
1	2	4

 _S-LAB-NET-20

OPERATOR(S)

Emmanuelle Martins

Decknet
 Deployed at sea

Net 20 μ m

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
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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
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FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 200 mL (1/8)				
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E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
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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)				
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FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input type="checkbox"/> 45 mL 15mL			<input type="checkbox"/> 45 mL 15mL	
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HG-20 Falcon-15mL FRZ -20°C		550 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 # # # _STATION- # # # _S-LAB-NET-200

2024 04 09⁰⁹ 1 2 4

OPERATOR(S) Emmawelle Martins

Horizontal
WP11-200

SAMPLE SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of total volume

Aliquot Volume (mL)

LOT OF WIND → THE SIEVE WITH THE SAMPLE FLEW AWAY WITH THE HALF OF THE SAMPLE...
 FLEW

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



100%

250 mL

50? %

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



150

15 min



150

15 min

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



150

HG-200
Falcon-15mL
FRZ -20°C



800



	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 84 477 85 192

NET TOW n° 1

FLOWMETER Total volume 81 761 84 477

1600 mL

PROTOCOLS

Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
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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
<input type="checkbox"/>	500 mL

#ind=

S680-L
Falcon-5mL
FRZ -20°C
+ 5mL
Nucleoprotect



<input checked="" type="checkbox"/>	100 %	100 mL
	%	

HG-680
Falcon-15mL
FRZ -20°C



1500mL

