



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	###-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		# 9 138,1 mg	343 3		###-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				



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	112546100	112546098	<input type="checkbox"/> 20L 13 L	<input checked="" type="checkbox"/> 15 min. min.	112546096	<input type="checkbox"/> 20L 13 L
Z00 R02 m	112546101	112546099	<input type="checkbox"/> 20L 13 L	<input checked="" type="checkbox"/> 15 min. min.	112546097	<input type="checkbox"/> 20L 13 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	112546103	112546102	<input type="checkbox"/> 50L 28 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	112546104	112546105	<input type="checkbox"/> 50L 28 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- # # # _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 ₂	
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_ YYYY MM DD # # # _STATION- _TARDIS-SCP-SS
2024 03 23 1 1 7
 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	<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	



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		



YYYY MM DD # # # # # #
 LOG_SAMPLES_ **2024 03 23** _STATION- **1 1 7** _S-LAB-OTHER
 OPERATOR(S) **ANNA**

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 DGAS-1	###-Z00 DGAS-4	###-Z00 DGAS-7
Z00 R07 m				###-Z00 DGAS-2	###-Z00 DGAS-5	###-Z00 DGAS-8
Z00 R08 m				###-Z00 DGAS-3	###-Z00 DGAS-6	###-Z00 DGAS-9
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 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 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
2024	03	23

_STATION-

#	#	#
1	1	7

 _S-LAB-DECKNET-5

OPERATOR(S)

ANNA

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	9.3 L				
Z02	<input type="checkbox"/> 10 L				
m	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	112546145	112546146	112546147	112546148
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) ANNA

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz		
Z00 m	1	08 : 00	08 : 05		
Z00 m	2	08 : 00	08 : 13		
Z00 m	3	08 : 00	08 : 15		

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		1900	08 : 30	09 : 30
Z00 m	NAT-2		1900	08 : 30	09 : 30
Z00 m	NAT-3		1950	08 : 30	09 : 30

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			2000	08 : 36	10 : 00
Z00 m	PPN2-2			2000	08 : 36	09 : 55
Z00 m	PPN2-3			1900	08 : 36	09 : 40
	BLANK		* +100 µL ZnCl			



YYYY

MM

DD

HH

MM

#

OPERATOR(S) INITIALS

2024

03

23

05

30

_STATION-

_SML

JOB / FW

Water Collection

Number of dips: **8**

Volume Collected (L)

0.5 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)				
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

YYYY

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OPERATOR(S) INITIALS

2024

03

23

09

00

_STATION-

_SML

JOB / FW

Water Collection

Number of dips: **8**

Volume Collected (L)

0.55 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)				
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



~ 120 m

8

0.25

~ 120 m

~ 120 m

8

0.25

8



YYYY MM DD HH MM

2024 03 23 13 00

#

_STATION- [] _SML

OPERATOR(S) INITIALS

JOB / FW

Water Collection

Number of dips: **8**

Volume Collected (L) **0.5L**

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)				~ 150 mL

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2024 03 23 17 09

#

_STATION- [] _SML

OPERATOR(S) INITIALS

JOB / FW

Water Collection

Number of dips: **8**

Volume Collected (L) **0.5L**

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)				~ 150 mL



~ 120 m

8

0.25

~ 120 m

~ 120 m

8

0.25



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 m	1. 0.41 2. 0.41 3. 0.35		150 mL	N° TE 172 Weight 37.891		
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. 19 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 306 Weight 36.381		1080 mL	N° TE 076 Weight 37.453
Z00 R02 m		1080 mL	N° TE 101 Weight 37.247		1080 mL	N° TE 140 Weight 36.698
Z00 R03 m		1090 mL	N° TE 343 Weight 37.266		1080 mL	N° TE 072 Weight 37.96



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 μ 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
---------	---------------------	-----------------	---------	---------------------	-----------------

<p>S20 Cryo-5mL LN2 #1</p>		<input type="checkbox"/> 200 mL (1/8)	<input type="checkbox"/> 15 mn 12 min		<input type="checkbox"/> 200 mL (1/8)	<input type="checkbox"/> 15 mn 12 min
		130 mL			130 mL	

<p>FCAM20 Bottle-250mL LIVE</p>		<input type="checkbox"/> 200 mL (1/8)
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<p>E20 Falcon-15mL + 15mL ETOH FRZ -20°C</p>		<input checked="" type="checkbox"/> 200 mL (1/8)
--	--	--

<p>S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect</p>		<input type="checkbox"/> 200 mL (1/8) 130 mL
--	--	---

<p>MB20 Vial-4mL FRZ -20°C</p>		<input checked="" type="checkbox"/> 200 mL (1/8)
--	--	--

<p>FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C</p>		<input checked="" type="checkbox"/> 45 mL		<input checked="" type="checkbox"/> 45 mL
--	--	---	--	---

<p>HG-20 Falcon-15mL FRZ -20°C</p>		1750 mL
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	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1	More than 15 minutes passed between sampling and filtration.	
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_

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 _STATION-

#	#	#
1	1	7

 _S-LAB-NET-200

OPERATOR(S)

Emmanuelle Martins

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



<input checked="" type="checkbox"/> 100%	<input type="checkbox"/> 250 mL
<input type="checkbox"/> %	<input type="checkbox"/> 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



10mL

15 min



10mL

15 min

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



10mL

HG-200
Falcon-15mL
FRZ -20°C



1000 mL



COMMENTS

COMMENTS

SAMPLE
SPLITTING

PROTOCOLS

F200
Bottle-250mL
RT >10°C

SAMPLE
SPLITTING

PROTOCOLS

S200
Cryo-5mL
LN2 #1

Algae soup. Clogged filter

S200-L
Falcon-5mL
FRZ -20°C

Algae soup. Clogged filter



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-680

2024 03 23 1 1 7

OPERATOR(S) **Emmanuelle Martins**

Régent 680

SAMPLE SPLITTING	NET TOW n°		NET TOW n°		FLOWMETER		Total volume	
	51 596	1	53 024	2	53 024	54 645		
	<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 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 %	20 mL		
					%			
HG-680 Falcon-15mL FRZ -20°C						1400 mL		



COMMENTS

COMMENTS

SAMPLE
SPLITTING

PROTOCOLS

F680
Bottle-250mL
RT >10°C

F2000
Bottle-250mL
RT >10°C

S680-L
Falcon-5mL
FRZ -20°C