



YYYY MM DD

#

LOG_SAMPLES_

2024 05 01

_STATION-

1 3 9

_MERCURY

OPERATOR(S)

DC

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		#57 131, 91	2190	20	###-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				



YYYY MM DD

LOG_SAMPLES_

2024 05 01

_STATION-

1 3 9

_W-LAB-142-1

OPERATOR(S)

Christian Jeantou

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	112539576	112539577	<input type="checkbox"/> 20L 9 L	<input checked="" type="checkbox"/> 15 min. min.	112539578	<input type="checkbox"/> 20L 9 L
Z00 R02 m	112539579	112539580	<input type="checkbox"/> 20L 10 L	<input checked="" type="checkbox"/> 15 min. min.	112539581	<input type="checkbox"/> 20L 10 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	112539582	112539583	<input type="checkbox"/> 50L 2x8 L	<input type="checkbox"/> 60 min. 2x30 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	112539584	112539585	<input type="checkbox"/> 50L 2x8 L	<input type="checkbox"/> 60 min. 2x30 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L 2x8 L	<input type="checkbox"/> 60 min. 30 min.		



Depth Replicate		COMMENTS S###
Z00	R01 m	Samples R01 (S320 and S023) of stations 139 and 140 were inverted =>
Z00	R02 m	
Z02	R01 m	
Z02	R02 m	
Depth		COMMENTS P###
Z00	m	
Z02	m	
Depth		COMMENTS S###L
Z00	m	
Z02	m	



Depth Replicate	COMMENTS S02-2K
Z00 R01 m	
Z00 R02 m	
Depth Replicate	COMMENTS < 3 µm
Z00 m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _DECK-BGC

OPERATOR(S) Florian Trigodet

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 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 05 01 1 3 9
 OPERATOR(S) Florian Trigodet

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		<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	###-Z00 HLB-LCMS-H2O	<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min
m		L	min		L	min
Z00 R05		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min			
m		L	min			
Z00	###-Z00 PPL-LCMS-H2O	<input type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min			
m		L	min			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	Missing LCMS water for blank PPL & HLB Will be done at a latter date



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 05 01 _STATION- 1 3 9 _W-LAB-142-SS-2
 OPERATOR(S) Florian Trigget

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		<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
Z00	R02		<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
Z00			<input checked="" type="checkbox"/> 4L	<input checked="" type="checkbox"/> 10 min		<input checked="" type="checkbox"/> 4L	<input checked="" type="checkbox"/> 10 min
	m		L	min		L	min
Z02	R01		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min	###-Z02 MB033-SS-1	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min
	m		L	min		L	min
Z02	R02	###-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
	m		L	min		L	min
Z02		###-Z02 MB320-H2O	<input type="checkbox"/> 4L	<input type="checkbox"/> 10 min	###-Z02 MB033-H2O	<input type="checkbox"/> 4L	<input type="checkbox"/> 10 min
	m		L	min		L	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		



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) Guillou LARE

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 27 L	<input checked="" type="checkbox"/> 30 min. min.			

HC-G } \Rightarrow Without Glycerol.
CP-G } Mistake!!!



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-DECKNET-5

OPERATOR(S) Guilla LAURE

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	4,6 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				
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 # # #
 2024 05 01 _STATION- 1 3 9 _S-LAB-25-1
 OPERATOR(S) RANWI Romain

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)
Z00	1. 1.62 2. 1.20 3. 1.20		1080 mL	N° TE098 Weight 37.101
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	 635 mL <input checked="" type="checkbox"/> 30 min.
Z00		635 mL	Z00 R02 m	###-Z00 HP-2 mL <input type="checkbox"/> 30 min
Z02	###-Z02 PA	mL	Z00 R03 m	###-Z00 HP-3 mL <input type="checkbox"/> 30 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		635 mL	N° TE145 Weight 37.645	 635 mL N° TE267 Weight 37.122
Z00 R02		635 mL	N° TE007 Weight 36.299	 635 mL N° TE316 Weight 37.214
Z00 R03		635 mL	N° TE025 Weight 36.350	 635 mL N° TE042 Weight 36.285
Z02 R01	###-Z02 PM-1	mL	N° Weight	###-Z02 FOI-1 mL N° Weight
Z02 R02	###-Z02 PM-2	mL	N° Weight	###-Z02 FOI-2 mL N° Weight
Z02 R03	###-Z02 PM-3	mL	N° Weight	###-Z02 FOI-3 mL N° Weight



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m	MQW removed with a pipette bc of filtration time	
Z00 R02 m	MQW removed with pipette (exceeding filtration time)	
Z00 R03 m	MQW removed with pipette (exceeding filtration time)	
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth Replicate	COMMENTS PA - HP	
Z00 m	PA: the filter has been damaged (small folds) due to the strength of the pump.	
Z02 m		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S)

2024 05 01 1 3 9 RANINI Romain

Net 20 µm

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

S20
Cryo-5mL
LN2 #1



200 mL (1/8)
mL

15 mn



200 mL (1/8)
mL

15 mn

FCAM20
Bottle-250mL
LIVE



200 mL (1/8)

E20
Falcon-15mL
+ 15mL ETOH
FRZ -20°C



200 mL (1/8)

S20-L
Falcon-5mL
FRZ -20°C
+ 5 mL
NucleoProtect



200 mL (1/8)
250 mL

MB20
Vial-4mL
FRZ -20°C



200 mL (1/8)

FM20
Falcon-50mL
FRG +4°C
Prealiquoted
PFA+GLUTA
store at -20°C



45 mL
 15 mL



45 mL
 15 mL

HG-20
Falcon-15mL
FRZ -20°C



300 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

OPERATOR(S) RANINI Romain

2024 05 01 1 3 9

**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**



112558773

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**



112539789

25

15 min



112539790

25

15 min

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



112539793

50

**HG-200
Falcon-15mL
FRZ -20°C**



112539797

100



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1	filtration finished at 14:00 UTC (1,5 h after net) due to multiple retries (overestimation of filtration volume)	
S200-L Falcon-5mL FRZ -20°C		



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

OPERATOR(S) RANINI Romain

2024 05 01 1 3 9

Régent 680

SAMPLE SPLITTING

NET TOW n° 1 NET TOW n° 2

FLOWMETER 42751 43721 FLOWMETER 43722 45095

Total volume 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"/>	%	<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 type="checkbox"/>	100 %	95 mL
	%	

HG-680
Falcon-15mL
FRZ -20°C



1280 mL

