





YYYY MM DD

LOG\_SAMPLES\_ 2024 07 29

# # #

\_STATION- 1 8 7 \_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				 115562167
Z02 m	###-Z02 p.MeHg				 115562171
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	 112538109	#311 125,28	6680	43	###-Z00 f.THg
Z02 m	 112538126	#337 134,53	4540	30	###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				





F 8 1

Depth	COMMENTS	
200 m		





LOG\_SAMPLES\_ 2024 07 29 \_STATION- 1 8 7 W-LAB-142-1

OPERATOR(S) Hugo BERTELON

YYYY MM DD

# # #

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			<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			22 L	12 min.		18 L
Z00 R02			<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			22 L	12 min.		18 L
Z02 R01			<input checked="" type="checkbox"/> 20L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			L	min.		L
Z02 R02			<input checked="" type="checkbox"/> 20L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			L	min.		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 checked="" type="checkbox"/> 50L	<input type="checkbox"/> 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
			L	55 min.		
Z02 m			<input type="checkbox"/> 50L	<input type="checkbox"/> 60 min.		
			45 L	55 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	<input checked="" type="checkbox"/> 60 min.		
			45 L	min.		
Z02 m			<input type="checkbox"/> 50L	<input checked="" type="checkbox"/> 60 min.		
			45 L	55 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\_20240729\_STATION-187-S-LAB-OTHER  
THOMAS HAIZE

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	R02 m						
Z02	R03 m		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
					+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>

COMMENTS









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

OPERATOR(S) THOMAS HAIZE

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						
Prealiquot		No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
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 type="checkbox"/> 30 min. 27 min.	tubing exploded, lost 5 min		





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-DECKNET-5

OPERATOR(S) THOMAS HAIZE

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

Depth	FM5-1* Falcon-15mL FRG +4°C	FM5-2* Falcon-15mL FRG +4°C	<input checked="" type="checkbox"/> SG5-1* Cryo-5mL LN2	<input checked="" type="checkbox"/> SG5-2* Cryo-5mL LN2
Z00				
m				
Z02				
m				

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

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





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\_STATION- 1 8 7 # # #

OPERATOR(S) THOMAS HAIZE \_PPN2-PPN2exe

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	7 : 30	7 : 37
Z00 m	2	7 : 30	7 : 37
Z00 m	3	7 : 30	7 : 37

Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end
Z00 m	NAT-1		2270	9 : 10	9 : 32
Z00 m	NAT-2		2270	9 : 10	9 : 32
Z00 m	NAT-3		2270	9 : 10	9 : 32

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	10 : 47	11 : 30
Z00 m	PPN2-2			2270	10 : 47	11 : 30
Z00 m	PPN2-3			2270	10 : 47	11 : 30
	BLANK		* +100 µL ZnCl	PPN2-4 Exetainer 	PPN2-5 Exetainer 	PPN2-6 Exetainer 





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# # #

OPERATOR(S) INITIALS

2024

07

29

9

20

\_STATION-

1 8 7

\_SML

THOMAS HAIZE

Water Collection

Number of dips: 13

Volume Collected (L) 0.8

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)	1	2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	1	2	3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	1	2	3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	1	2	3	

YYYY

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DD

HH

MM

# # #

OPERATOR(S) INITIALS

\_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)	### SML-FC-1	### SML-FC-2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	### SML-CP-1	### SML-CP-2	### SML-CP-3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### SML-320-1	### SML-320-2	### SML-320-3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### SML-023-1	### SML-023-2	### SML-023-3	





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

OPERATOR(S) ZM

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)					
Z00	1. 0.44 2. 0.38 3. 0.43	 115562114	2270 mL	N° T23-159 Weight 37,050	Seawater 				
Z02	1. 1.02 2. 0.84 3. 0.88					TRIPLICATES 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	 112538070	<input type="checkbox"/> 30 min. 25 min.
Z00	 115562115	2270 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	 112538075	<input type="checkbox"/> 30 min. 14 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	 115562116	2270 + 1080 mL	N° T23-221 Weight 35,550	 115562119	2270 + 1080 mL	N° T23-56 Weight 35,319			
Z00 R02	 115562117	2270 + 1080 mL	N° T23-22 Weight 35,218	 115562120	2270 + 1080 mL	N° T23-220 Weight 35,537			
Z00 R03	 115562118	2270 + 1080 mL	N° F55 Weight 36,772	 115562121	2270 + 1080 mL	N° T23-229 Weight 36,485			
PM CONTROL(2)	200 mL	N° T23-241 36,360	 115562198						





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 07 29

\_STATION- # # #  
1 8 7 \_S-LAB-NET-20

OPERATOR(S) ZH

Net 20 µm

- Decknet
- Deployed at sea

SAMPLE SPLITTING # of cod-ends Total volume Aliquots vol.  
 1  2  1600 mL  200 mL

PROTOCOLS Barcode Aliquot volume (mL) Filtration time Barcode Aliquot volume (mL) Filtration time

**S20**  
Cryo-5mL  
LN2 #1  
 200 mL (1/8)  15 mn  
 Barcode: 112538071 *100* mL Barcode: 112538072  200 mL (1/8) *100* mL  15 mn

**FCAM20**  
Bottle-250mL  
LIVE  
 200 mL (1/8)  
 Barcode: 115562122

**E20**  
Falcon-15mL  
+ 15mL ETOH  
FRZ -20°C  
 200 mL (1/8)  
 Barcode: 115562123

**S20-L**  
Falcon-5mL  
FRZ -20°C  
+ 5 mL  
NucleoProtect  
 200 mL (1/8) *100* mL  
 Barcode: 115562124

**MB20**  
Vial-4mL  
FRZ -20°C  
 200 mL (1/8)  
 Barcode: 115562125

**FM20**  
Falcon-50mL  
FRG +4°C  
Prealiquoted  
PFA+GLUTA  
store at -20°C  
 45 mL  45 mL  
 Barcode: 115562126 Barcode: 115562127

**HG-20**  
Falcon-15mL  
FRZ -20°C  
 600 mL  
 Barcode: 115562128





	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) ZH

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



200



15 min



200



15 min

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



200

HG-200  
Falcon-15mL  
FRZ -20°C



1000





	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)

2026 07 29 1 8 7

ZH

Régent 680

SAMPLE SPLITTING

NET TOW n° 2

NET TOW n° 1

FLOWMETER 56262 57265

FLOWMETER Total volume 55200 56252

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

<input type="checkbox"/>	hand-picked	<input type="checkbox"/> 250 mL
<input type="checkbox"/>	#ind=	<input type="checkbox"/> 500 mL

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



<input type="checkbox"/>	100 %	<span>400</span> mL
<input type="checkbox"/>	%	

HG-680  
Falcon-15mL  
FRZ -20°C



1200



