



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 04 18 \_STATION- 1 3 0 \_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	<del>###-Z00 p.MeHg</del>	<del></del>	<del></del>	<del></del>	
Z02 m	<del>###-Z02 p.MeHg</del>	<del></del>	<del></del>	<del></del>	<del>###-Z02 f.MeHg</del>
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		# 74 133,54	1120	15	<del>###-Z00 f.THg</del>
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	<del>###-Z00 uf.THg</del>	<del></del>	<del></del>	<del></del>	<del></del>
Z02 m	<del>###-Z02 uf.THg</del>	<del></del>	<del></del>	<del></del>	<del></del>



0 8 1 81 00 150  
 20

Depth	COMMENTS
Z00  m	
	1100 12 1324 474



YYYY MM DD

LOG\_SAMPLES\_

2024 04 18

\_STATION-

# # #

1 30

\_W-LAB-142-1

OPERATOR(S)

Céline Jimier

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	112526335	112526336	<input type="checkbox"/> 20L 15 L	15 min.	112526337	<input type="checkbox"/> 20L 15 L
Z00 R02	112526338	112526339	<input type="checkbox"/> 20L 15 L	15 min.	112526340	<input type="checkbox"/> 20L 15 L
Z02 R01	###-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	###-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	112526341	112526342	<input type="checkbox"/> 50L 35 L	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	112526343	112526344	<input type="checkbox"/> 50L 35 L	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  
2024 04 18 1 3 0  
 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
	<b>+ 150 µl HCl</b>			<b>+ 300 µl HgCl<sub>2</sub></b>	
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		
	<b>+ 150 µl HCl</b>				



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 18** \_STATION- **1 3 0** \_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 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 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	





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	112526438	112526446	112526454	112526457	112526459	112526461
Z00	R02 m	112526439	112526447	112526455	112526458	112526460	112526462
Z00	R03 m	112526440	112526448	112526456	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112526441	112526449	Glycerol prealiquot - RT			
Z00	R05 m	112526442	112526450		DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
Z00	R06 m	112526443	112526451		112526426	112526429	112526432
Z00	R07 m	112526444	112526452		112526427	112526430	112526433
Z00	R08 m	112526445	112526453		112526428	112526431	112526434
<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>		<b>eDNA Watera capsule RT</b>	<b>Filtration Volume (Litres)</b>	<b>Filtration Duration (minutes)</b>	<b>+ 50 mL of buffer</b>	<b>&lt; 0.45 µm</b>	
Z00	m	112581026	<input type="checkbox"/> 30L 50 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		
	<b>Prealiquot</b>	Glycerol prealiquot - RT					
					<b>DGAS</b> 12 mL exetainer +4°C	<b>DGAS</b> 12 mL exetainer +4°C	<b>DGAS</b> 12 mL exetainer +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\_   
 \_STATION-    \_S-LAB-DECKNET-5

OPERATOR(S)

Depth	Volume filtered (Litres)				
Z00	<input type="text" value="3"/> 10 L				
m					
Z02	<input type="text" value="3"/> 10 L				
m					

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	 112526463	 112526464	 112526465	 112526466
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



Depth		COMMENTS SG5
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Z00 R01  
m

Z00 R02  
m

Depth		COMMENTS FM5
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Z00 R01  
m

Z00 R02  
m



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

OPERATOR(S) Jole Di Gova

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	11 : 20	11 : 23
Z00 m	2	11 : 20	11 : 23
Z00 m	3	11 : 20	11 : 23

Depth	Natural abundance – TO	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		500 ml	10 : 35	11 : 08
Z00 m	NAT-2		500	10 : 35	11 : 10
Z00 m	NAT-3		500	10 : 35	11 : 13

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			 DIC 13	600 ml 12 : 07	12 : 40
Z00 m	PPN2-2			 DIC C13	600 ml 12 : 07	12 : 40
Z00 m	PPN2-3			 DIC C13	600 ml 12 : 07	12 : 40
	BLANK		* +100 µL ZnCl			





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

OPERATOR(S) Thomas Beavis

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 2.13 2. 2.45 3. 2.03		150 mL	N° TE089 Weight 35.731		
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	600 <input checked="" type="checkbox"/> 30 min.		
Z00 m		600 mL	Z00 R02 m	30 min		
			Z00 R03 m	30 min		
			Z02 R01 m	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 m		600 mL	N° TE041 Weight 37.017		600 mL	N° TE255 Weight 37.571
Z00 R02 m		600 mL	N° TE129 Weight 38.456		600 mL	N° TE087 Weight 36.158
Z00 R03 m		600 mL	N° TE090 Weight 35.922		600 mL	N° TE202 Weight 37.483



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		

Depth Replicate	COMMENTS PA - HP
Z00 m	
Z02 m	







	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) Thomas Beavis

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



112581005

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



112526392

70

15 min



112526393

70

15 min

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



112526394

70

HG-200  
Falcon-15mL  
FRZ -20°C



112526395

1310



	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\_    \_STATION-    \_S-LAB-NET-680

OPERATOR(S)

Régent 680

SAMPLE SPLITTING

NET TOW n°  FLOWMETER   NET TOW n°  FLOWMETER

1600 mL

PROTOCOLS

F680  
Bottle-250mL  
RT >10°C  
+  
Borax/Formol



100 %  250 mL  
%  500 mL

F2000  
Bottle-250mL  
RT >10°C  
+  
borax/formol

### EPI  
F2000

hand-picked  250 mL  
#ind=  500 mL

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



100 %  mL  
4.38 %

HG-680  
Falcon-15mL  
FRZ -20°C



