



LOG_SAMPLES_	YYYY	MM	DD	#	#	#		
	2024	04	09	_STATION-	1	2	4	_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				112580782
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	112580783	#19 126,4 mg	2090		###-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				



Depth

COMMENTS

200

m



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 <b>13</b> L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L <b>13</b> L
Z00 R02 m			<input type="checkbox"/> 20L <b>6</b> L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L <b>6</b> 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)	<b>&lt; 0.2 µm</b>	
Z00 m			<input type="checkbox"/> 50L <b>20</b> 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			<input type="checkbox"/> 50L <b>20</b> 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	#	#	#		
	2024	04	09	_STATION-	1	2	4	_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	 112580869	 112580870	 112580871	 112580896	###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-Z02 SAL
+ 150 µl HCl					+ 300 µl HgCl <sub>2</sub>
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C		
Z00 R01 m	 112547764	 112580872	 112547767		
Z00 R02 m	 112547765	 112580873	 112547768		
Z00 R03 m	 112547766	 112580874	 112547769		
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  
TOCCOMMENTS  
DICTACOMMENTS  
SAL

Z00

m

Z02

m

Depth  
ReplicateCOMMENTS  
CDOM/FDOMCOMMENTS  
DOCCOMMENTS  
NUT

Z00 R01

m

Z00 R02

m

Z00 R03

m

Z02 R01

m

Z02 R02

m

Z02 R03

m



LOG_SAMPLES_	YYYY	MM	DD	#	#	#		
	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 m	112580875	<input checked="" type="checkbox"/> 2L <i>1</i> L	<input type="checkbox"/> 120 min. <i>150</i> min.	112580881	<input type="checkbox"/> <i>BLANK</i> <i>1</i> L	<input type="checkbox"/> 120 min. <i>150</i> min.
Z00 R02 m	112580876	<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. <i>150</i> min.	112580882	<input checked="" type="checkbox"/> L	<input type="checkbox"/> 120 min. <i>150</i> min.
Z00 R03 m	112580877	<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. <i>150</i> min.	112580883	<input checked="" type="checkbox"/> L	<input type="checkbox"/> 120 min. <i>150</i> min.
Z00 R04 m	112580878	<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	112580884	<input checked="" type="checkbox"/> L	<input type="checkbox"/> 120 min. min.
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-1	<input type="checkbox"/> L	<input type="checkbox"/> 120 min. min.
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-2	<input type="checkbox"/> L	<input type="checkbox"/> 120 min. min.
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-3	<input type="checkbox"/> L	<input type="checkbox"/> 120 min. min.
Z02 R04 m	###-Z02 PPL-4	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-4	<input type="checkbox"/> L	<input type="checkbox"/> 120 min. 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 m	112580886	<input checked="" type="checkbox"/> 16L L	<input checked="" type="checkbox"/> 30 min. min.	112580885	<input checked="" type="checkbox"/> L	<input checked="" type="checkbox"/> 30 min. min.
Z02 m	###-Z02 MB320	<input type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. min.	###-Z02 MB033	<input type="checkbox"/> L	<input type="checkbox"/> 30 min. 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	
<i>MB033</i>		Unfortunately the 0.3 µm filter broke



YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2024 04 09** \_STATION- **1 2 4** \_S-LAB-OTHER  
 OPERATOR(S) **Jole 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	 112547833	 112547825	 112547841	 112547845	 112547847	 112547849
Z00 R02 m	 112547834	 112547826	 112547842	 112547846	 112547848	 112547850
Z00 R03 m	 112547835	 112547827	 112547843	Glycine-betaine pre aliquot at 4°C	PFA pre aliquot at -20°C	Glutaraldehyde pre aliquot at - 20°C
Z00 R04 m	 112547836	 112547828	Glycerol pre aliquot - RT			
Z00 R05 m	 112547837	 112547829		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m	 112547838	 112547830		 112547582	 112547585	 112547588
Z00 R07 m	 112547839	 112547831		 112547583	 112547586	 112547589
Z00 R08 m	 112547840	 112547832		 112547584	 112547587	 112547590
Pre aliquot	No pre aliquot	Glycerol pre aliquot - 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	 112580895	<input checked="" type="checkbox"/> 30L	<input checked="" type="checkbox"/> 30 min.			
		L	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 pre aliquot at 4°C	PFA pre aliquot at -20°C	Glutaraldehyde pre aliquot at - 20°C			
Pre aliquot	Glycerol pre aliquot - 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 <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	

COMMENTS



LOG\_SAMPLES\_ YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 04 09 \_STATION\_ 1 2 4 \_S-LAB-DECKNET-5  
 OPERATOR(S) Tolle Di Capua

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	<b>1.5</b> 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	 112547851	 112547852	 112547853	 112547854
m	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2

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

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

**Depth****COMMENTS**

SG5

Z00 R01

m

Z00 R02

m

**Depth****COMMENTS**

FM5

Z00 R01

m

Z00 R02

m



LOG_SAMPLES_	YYYY	MM	DD	#	#	#
	2024	04	09	_STATION-		1 2 4
OPERATOR(S)	Iole Di Capua					
_PPN2-PPN2exe						

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	NAT-1	112547855	600 ml	10 : 30	10 : 45	
Z00	NAT-2	112547856	600 ml	10 : 30	10 : 45	
Z00	NAT-3	112547857	600 ml	10 : 30	10 : 45	
<b>24h (+/- 30min) later</b>				<b>Filtration &lt; 40min</b>		
Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time – start	Filtration time – end
Z00	PPN2-1	112547858	112547876		11 : 36	11 : 50
Z00	PPN2-2	112547859	112547877		11 : 36	11 : 50
Z00	PPN2-3	112547860	112547878		11 : 36	11 : 50
	BLANK	112547861	* +100 µL ZnCl			



Depth

COMMENTS



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 04 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° filtres + weight (mg)	
200 m	1. 8.60 2. 8.69 3. 8.76	###-Z00 PM-CTRL	mL	N° Weight	
202 m	1. 2. 3.	TRIPLECTES 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	112547776	400 <input type="checkbox"/> 30 min. 05 min.
200 m	112547783	400 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)
200 R01 m	112547777	400 mL	N° TE 163 Weight 37.251	112547780	400 mL N° TE 178 Weight 37.404
200 R02 m	112547778	400 mL	N° TE 139 Weight 38.284	112547781	400 mL N° TE 332 Weight 37.328
200 R03 m	112547779	400 mL	N° TE 040 Weight 37.139	112547782	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 2024	MM 04	DD 09	# 1	# 2	# 4	_STATION- _S-LAB-NET-20
OPERATOR(S)	<i>Emmanuelle Martins</i>						

Net 20  $\mu\text{m}$

- Decknet  
 Deployed at sea

SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. <input checked="" type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
S20 Cryo-5mL LN2 #1	 112547784	<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn	 112547785	<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE	 112547786	<input checked="" type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	 112547787	<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	 112547788	<input checked="" type="checkbox"/> 200 mL (1/8) mL				
MB20 Vial-4mL FRZ -20°C	 112547789	<input checked="" type="checkbox"/> 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C Pre aliquoted PFA+GLUTA store at -20°C	 112547790	<input type="checkbox"/> 45 mL 15mL		 112547791	<input type="checkbox"/> 45 mL 15mL	
HG-20 Falcon-15mL FRZ -20°C	 112547792	550 mL				



SAMPLE SPLITTING	COMMENTS	COMMENTS
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	#	#	#
	2024	04	09 <sup>09</sup>	1	2	4
OPERATOR(S)	_STATION-_S-LAB-NET-200 Emmanuelle Martins					

Horizontal  
WPII-200

SAMPLE SPLITTING

COD-END #1

PROTOCOLS

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

Barcode

Fraction of total volume

Aliquot Volume (mL)

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

100%

250 mL

50 ? %

500 mL



112547797

SAMPLE SPLITTING

COD-END #2

Total volume

1600 mL

PROTOCOLS

S200  
Cryo-5mL  
LN2 #1

Barcode

Filtered volume (mL)

Filtration time

Barcode

Filtered volume (mL)

Filtration time

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



112547793

150

15 min



112547794

150



15 min

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



112547795

150

HG-200  
Falcon-15mL  
FRZ -20°C



112547796

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 2024	MM 04	DD 08 <sup>08</sup>	# # #
	_STATION-			1 2 4
OPERATOR(S)	Emmanuelle Martins			_S-LAB-NET-680

Régent 680

SAMPLE  
SPLITTING

NET TOW n°	2	NET TOW n°	1
FLOWMETER	84 477	FLOWMETER	81 761
	85 192	Total volume	84 477
		<input checked="" type="checkbox"/> 1600 mL	

PROTOCOLS

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

Barcode

Fraction of  
total volume

Bottle volume  
(mL)

Barcode

Fraction of  
total volume

Aliquot  
Volume (mL)

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

Barcode  
112547799

100 %

100 mL

%

HG-680  
Falcon-15mL  
FRZ -20°C

Barcode  
112547800

1500mL



COMMENTS

SAMPLE  
SPLITTING

COMMENTS

Lot of jellyfish and salpida removed

PROTOCOLS

F680  
Bottle-250mL  
RT >10°C

F2000  
Bottle-250mL  
RT >10°C

S680-L  
Falcon-5mL  
FRZ -20°C