



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				
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		329 132,66 mg	4690		###-Z00 f.THg
Z02 m		333 135,3 mg	4690		###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



1 7 1

10 50 1202

JM

Depth	COMMENTS	
200 m		
	1000	333 132,3 mg
	1000	333 132,3 mg



LOG_SAMPLES_ _STATION- _W-LAB-142-1

OPERATOR(S)

Depth Replicate	<input checked="" type="radio"/> S320 Cryo-5mL LN2 #1	<input checked="" type="radio"/> 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 12 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 12 L
Z00 R02			<input type="checkbox"/> 20L 10 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 10 L
Z02 R01			<input type="checkbox"/> 20L 8 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 8 L
Z02 R02			<input type="checkbox"/> 20L 9 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 9 L
Depth Replicate	<input checked="" type="radio"/> P320 Cryo-5mL LN2 #1	<input checked="" type="radio"/> P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			<input checked="" type="checkbox"/> 50L L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m			<input type="checkbox"/> 50L 20 L	<input type="checkbox"/> 60 min. 32 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 55 L	<input checked="" type="checkbox"/> 60 min. min.		
Z02 m			<input type="checkbox"/> 50L 4,6 L	<input checked="" 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	All content was filtered in one single filter
Z02 m	



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 07 01 _STATION- 1 7 1 _DECK-BGC
 OPERATOR(S) Jean Charles

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						
		+ 150 µl HCl			+ 300 µl HgCl₂	
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	TOC Bottle-60mL FRZ -20°C	TOC		
Z00 R01 m						
Z00 R02 m						
Z00 R03 m						
Z02 R01 m						
Z02 R02 m						
Z02 R03 m						
		+ 150 µl HCl				



D R N

10 70 5505

color 0 nasy

Depth		COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00	m			
Z02	m			
Depth Replicate		COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00	R01 m	BLOOM OF SALPS		
Z00	R02 m			
Z00	R03 m			
Z02	R01 m			
Z02	R02 m			
Z02	R03 m			



LOG_SAMPLES_ 2024 07 01 _STATION- 1 7 1 _TARDIS-SCP

OPERATOR(S) Jean - Charles

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		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z00 R02 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z00 R03 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z00 R04 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z02 R01 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z02 R02 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z02 R03 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.
Z02 R04 m		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 min.		<input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. 140 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		<input checked="" type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. 24 min.		<input checked="" type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. 24 min.
Z02 m		<input checked="" type="checkbox"/> 16L 18 L	<input type="checkbox"/> 30 min. 26 min.		<input type="checkbox"/> 16L 18 L	<input type="checkbox"/> 30 min. 26 min.



20 70 2505
colored - reef

Depth	COMMENTS
Z00 R01 0.1 m	X BLOOM OF SALPS
Z00 R02 0.1 m	X ENGINES ON DURING EXTRACTION
Z00 R03 0.1 m	X
Z00 R04 0.1 m	X
Z02 R01 1.0 m	X
Z02 R02 1.0 m	X
Z02 R03 1.0 m	X
Z02 R04 1.0 m	X
	X
2.5	2.5
2.5	2.5



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

OPERATOR(S) JEREMY

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 ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
	Depth Replicate	eDNA Waterna capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00	m		<input type="checkbox"/> 30L 40 L	<input type="checkbox"/> 30 min. 24 min.			



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

OPERATOR(S) JEREMY

Depth	Volume filtered (Litres)
Z00	<input type="checkbox"/> 10 L
m	11,35 L
Z02	<input type="checkbox"/> 10 L
m	9,65 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				
m				

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

* pre-aliquoted Glycine betaine
store at 4°C



n° 171

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
Z02	R01 m	###-Z02 HC-1	###-Z02 HC-G-1				
Z02	R02 m	###-Z02 HC-2	###-Z02 HC-G-2				
Z02	R03 m	###-Z02 HC-3	###-Z02 HC-G-3		Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z02	R04 m	###-Z02 HC-4	###-Z02 HC-G-4	Glycerol prealiquot - RT			
Z02	R05 m	###-Z02 HC-5	###-Z02 HC-G-5		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z02	R06 m	###-Z02 HC-6	###-Z02 HC-G-6				
Z02	R07 m	###-Z02 HC-7	###-Z02 HC-G-7				
Z02	R08 m	###-Z02 HC-8	###-Z02 HC-G-8				
Prealiquot		No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _PPN2-PPN2exe

OPERATOR(S) JEREMY


Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	7:25	7:34
Z00 m	2	7:25	7:34
Z00 m	3	7:25	7:35





Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1			5:44	6:04
Z00 m	NAT-2			5:44	6:06
Z00 m	NAT-3			5:44	6:07

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			1800	7:39	8:05
Z00 m	PPN2-2			1800	7:39	8:07
Z00 m	PPN2-3			1800	7:39	8:10
	BLANK					

	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	07	01				1	7	1

Water Collection		Number of dips:	Volume Collected (L)		
		12	0,750		
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)	 112525371	#  112525372		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	 112525373	#  112525374	 112525375	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	#  112525376	#  112525377	##  112525378	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	#  112525379	#  112525380	 112525381	

YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS

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_ **2024 07 04** _STATION- **1 7 1** _S-LAB-25-1
 OPERATOR(S) **LEMOINE Julie**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 0,62		200 mL	N° F11		
	2. 0,66			Weight 36,063		
	3. 0,62					
Z02 m	1. 0,69	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #3	Filtration Volume (mL)		
	2. 0,77			Filtration Duration (minutes)		
	3. 0,62					
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m		2270	<input checked="" type="checkbox"/> 30 min.
Z00 m		2270 mL	Z00 R02 m	###-Z00 HP-2		<input type="checkbox"/> 30 min
			Z00 R03 m	###-Z02 HP-3		<input type="checkbox"/> 30 min
			Z02 R01 m		2270	<input checked="" 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 m		2270 mL	N° F80		2270 mL	N° F77
			Weight 37,109			Weight 36,699
Z00 R02 m		2270 mL	N° F82		2270 mL	N° F58
			Weight 36,414			Weight 36,037
Z00 R03 m		2270 mL	N° F16		2270 mL	N° F15
			Weight 36,584			Weight 36,562



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) LEBOINE Julie

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)
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
16



45 mL
16

HG-20
Falcon-15mL
FRZ -20°C



200 mL (1/8)
370



	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) LEROIINE Julie

Horizontal
WPII-200

SAMPLE SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of total volume

Aliquot Volume (mL)

30 salps were removed of the sample.

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



100

15 min



100

15 min

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



125

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	I put 150 mL but I remove 25 mL.	



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

OPERATOR(S) LEONE Julie

Régent 680

SAMPLE SPLITTING	NET TOW n° 2		FLOWMETER		NET TOW n° 1		FLOWMETER	
	32906	33590	Total volume	1600 mL	32206	32906	Total volume	
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"/> 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 %	125 mL		
					%			
HG-680 Falcon-15mL FRZ -20°C					1300			



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C	I put 150 mL but I remove 25mL	