



LOG_SAMPLES_ YYYY MM DD # # # _STATION- 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	112547686	112547684	<input type="checkbox"/> 20L 6 L	<input checked="" type="checkbox"/> 15 min. min.	112547682	<input type="checkbox"/> 20L 6 L
Z00 R02 m	112547687	112547685	<input type="checkbox"/> 20L 6 L	<input checked="" type="checkbox"/> 15 min. min.	112547683	<input type="checkbox"/> 20L 6 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	112547689	112547688	<input type="checkbox"/> 50L 15 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	112547691	112547690	<input type="checkbox"/> 50L 15 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.		



251

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Depth Replicate	COMMENTS S###
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Z00 R01 m	
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Z00 R02 m	
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Z02 R01 m	
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Z02 R02 m	
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Depth	COMMENTS P###
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Z00 m	
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Z02 m	
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Depth	COMMENTS S###L
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Z00 m	
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Z02 m	
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LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _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						###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3		###-Z02 Dicta	###-Z02 SAL
		+ 150 µl HCl			+ 300 µl HgCl₂	
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	The Pump was flushed with HCl solution because we were 3 days in the harbour of Marseille. (Applied as described in protocol)		
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** **07** _STATION- **1** **2** **2** _TARDIS-SCP
 OPERATOR(S) **Vanessa Fahl**

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	
Z00 MB320		2.8 μ M Filtr unfortunately broke (when opening the bleedly valve) 0.3 μ M was intact!!



LOG_SAMPLES_ **2024 04 07** _STATION- **1 2 2** _S-LAB-OTHER

OPERATOR(S) **Iole Di Capoa**

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 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 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		
Prealiquot		Glycerol prealiquot - RT					
					DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 04 07 _STATION- 1 2 2 _PPN2-PPN2exe
 OPERATOR(S) Joëlle Di Geronimo

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	11 : 34	11 : 36
Z00 m	2	11 : 34	11 : 36
Z00 m	3	11 : 34	11 : 36

Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end
Z00 m	NAT-1		300 ml	10 : 16	16 : 30
Z00 m	NAT-2		300 ml	10 : 10	16 : 30
Z00 m	NAT-3		300 ml	10 : 10	16 : 30

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			400 ml	11 : 50	12 : 54
Z00 m	PPN2-2			400 ml	11 : 50	13 : 27
Z00 m	PPN2-3			400 ml	11 : 50	13 : 27

BLANK



* +100 µL ZnCl



YYYY MM DD HH MM

2024 04 07

_STATION-

#

1 2 2

_SML

OPERATOR(S) INITIALS

Iole Di Copua

Water Collection

Number of dips: 13

Volume Collected (L)

600 ml

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-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				100 ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				100 ml

YYYY MM DD HH MM

2024 04 08

_STATION-

#

1 2 3

_SML

OPERATOR(S) INITIALS

Iole Di Copua

Water Collection

Number of dips: 15

Volume Collected (L)

700 ml

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-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				Sorry I have put the sample in the LN2 #2
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				200 ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				200 ml





LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-25-1

OPERATOR(S) Emmanuelle Martins

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 12.0 2. 12.1 3. 11.8	###-Z00 PM-CTRL	mL	N° Weight		
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	<input type="checkbox"/> 30 min. <input checked="" type="checkbox"/> 10 min.		
Z00		150 mL	Z00 R02 m	<input type="checkbox"/> 30 min. <input type="checkbox"/> min.		
			Z00 R03 m	<input type="checkbox"/> 30 min. <input type="checkbox"/> min.		
			Z02 R01 m	<input type="checkbox"/> 30 min. <input type="checkbox"/> 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		150 mL	N° TE 375 Weight 37.545		150 mL	N° TE 241 Weight 36.705
Z00 R02		150 mL	N° TE 367 Weight 37.365		150 mL	N° TE 360 Weight 36.974
Z00 R03		150 mL	N° TE 223 Weight 36.912		150 mL	N° TE 299 Weight 39.011



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 04 07 _STATION- 1 2 2 _S-LAB-NET-20
 OPERATOR(S) Emmanuelle Martins

Net 20 µm

Decknet

Deployed at sea

SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1600 mL	<input type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
● S20 Cryo-5mL LN2 #1		<input type="checkbox"/> 200 mL (1/8) 100 mL	<input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 200 mL (1/8) 100 mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 200 mL (1/8) 100 mL				
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input checked="" type="checkbox"/> 45 mL			<input checked="" type="checkbox"/> 45 mL	
HG-20 Falcon-15mL FRZ -20°C						



	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
 2024 04 07 1 2 2
 OPERATOR(S) Emmanuelle Martins

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



100 mL

15 min



100 mL

15 min

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



100 mL

HG-200
Falcon-15mL
FRZ -20°C



1300 mL



	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
 2024 04 07 1 2 2
 OPERATOR(S) Emmanuelle Martins

Régent 680

SAMPLE SPLITTING

NET TOW n° 1 2
 FLOWMETER 73 059 74 768 74768 76377
 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



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 % 250 mL
 %

HG-680
Falcon-15mL
FRZ -20°C



1350mL

