



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 04 01 _STATION- 1 1 9 _W-LAB-142-1
 OPERATOR(S) Eriz

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 14 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 14 L
Z00 R02 m			<input type="checkbox"/> 20L 14 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 14 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			<input type="checkbox"/> 50L 32 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 32 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.		



2-1-1-10 10 1008
573

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

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					
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-Z02 SAL
	+ 150 µl HCl			+ 300 µl HgCl ₂	
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			
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			



LOG_SAMPLES_ **2024 04 01** _STATION- **1 1 9** _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	



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 04 01** _STATION- **1 1 9** _S-LAB-OTHER
 OPERATOR(S) **ANNA**

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 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 ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



LOG_SAMPLES_ _STATION- _S-LAB-DECKNET-5

OPERATOR(S)

Depth	Volume filtered (Litres)				
Z00	<input type="text" value=""/> 10 L				
m	9.2 L				
Z02	<input type="text" value=""/> 10 L				
m	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	 112547362	 112547363	 112547364	 112547365	
m					
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2	
m					



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

OPERATOR(S) ANNA

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	08 : 30	08 : 36			
Z00 m	2	08 : 30	08 : 36			
Z00 m	3	08 : 30	08 : 38			
Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end	
Z00 m	NAT-1		2270 2270	8 : 20	9 : 15	
Z00 m	NAT-2		2000 2000	8 : 20	9 : 15	
Z00 m	NAT-3		2270 2270	8 : 20	9 : 15	

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			2000 2000	09 : 30	11 : 15
Z00 m	PPN2-2			2000	09 : 30	11 : 15
Z00	PPN2-3			2000 2000	09 : 20	11 : 15



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 m	1. 1.61 2. 1.58 3. 1.63		150 mL	N° TE 169 Weight 37.327		
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	635 <input type="checkbox"/> 30 min. 10 min.		
Z00 m		1000 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)	N° filtre + weight (mg)
Z00 R01 m		1000 mL	N° TE 166 Weight 37.053		1000 mL	N° TE 265 Weight 37.373
Z00 R02 m		1000 mL	N° TE 188 Weight 37.443		1000 mL	N° TE 170 Weight 37.582
Z00 R03 m		1000 mL	N° TE 105 Weight 36.910		1000 mL	N° TE 086 Weight 35.656



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) Emmanuelle Martins

		Net 20 μ m		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> 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 checked="" type="checkbox"/> 200 mL (1/8) mL	<input type="checkbox"/> 15 mn 05 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input type="checkbox"/> 15 mn 05 mn
FCAM20 Bottle-250mL LIVE		<input 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 checked="" type="checkbox"/> 200 mL (1/8) 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		500 mL				



	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
2024	04	01

 _STATION-

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1	1	9

 _S-LAB-NET-200

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		<input checked="" type="checkbox"/> 100%	<input checked="" type="checkbox"/> 250 mL			
		%	<input type="checkbox"/> 500 mL			
SAMPLE SPLITTING		COD-END #2				
		Total volume				
		<input checked="" type="checkbox"/> 1600 mL				
PROTOCOLS	Barcode	Filtered volume (mL)	Filtration time	Barcode	Filtered volume (mL)	Filtration time
S200 Cryo-5mL LN2 #1		220 mL	<input checked="" type="checkbox"/> 15 min		220 mL	<input checked="" type="checkbox"/> 15 min
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		200 mL				
HG-200 Falcon-15mL FRZ -20°C		950 mL				



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING	10mL to the curiosity observation	
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 01 1 1 9

OPERATOR(S) **Emmanuelle Martins**

Régent 680

SAMPLE SPLITTING

NET TOW n° **1**

FLOWMETER **58 492** **60 858**

NET TOW n° **2**

FLOWMETER **60 858** **63 736**

1600 mL

PROTOCOLS

Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
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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 %	200 mL
	%	

HG-680
Falcon-15mL
FRZ -20°C



1400mL

