



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 05 17 _STATION- 0 2 1 _W-LAB-142-1
 OPERATOR(S) (C) OB

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	112493995	112493996	[] 20L [] 50L 7 L	[] 15' [] 60' 13 min.	112493997	[] 10L [] 20L 7 L
Z00 R02 m	112493998	112493999	[] 20L [] 50L 9 L	[] 15' [] 60' 13 min.	112494000	[] 10L [] 20L 8 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	[] 20L [] 50L L	[] 15' [] 60' min.	###-Z02 S<02	[] 10L [] 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	[] 20L [] 50L L	[] 15' [] 60' min.	###-Z02 S<02-2	[] 10L [] 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	112494001	112494002	[] 20L [] 50L 17 L	[] 15' [] 60' 6 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[] 20L [] 50L L	[] 15' [] 60' 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	112554455	112554456	[] 20L [] 50L 10 } 20 L	[] 15' [] 60' 28 + 10 } 60 min. 22 }		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60' min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	13 min filtration 3/4 min purge
Z00 R02 m	13 min filtration 3/4 min purge.
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meter for filtration I just look at the mark on the SOL carboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	28 min first filtration + 10 min to collect and change filter => 38 min
Z02 m	



LOG_SAMPLES_ _STATION- _DECK-BGC

OPERATOR(S)

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	<i>* 1 cartridge used for all protocols.</i>		
Z02	m			
Depth Replicate		COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00	R01 m	*	*	*
Z00	R02 m			
Z00	R03 m		<i>cap fall on the boat. Rinsed with MilliQ water and then with sample.</i>	
Z02	R01 m			
Z02	R02 m			
Z02	R03 m			



LOG_SAMPLES_ _STATION- _TARDIS-SCP

OPERATOR(S)

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		[] 1L [x] 2L	[x] 60' [] 120'		[] 1L [x] 2L	[x] 60' [] 120'
Z00 R02 m		[] 1L [x] 2L	[x] 60' [] 120'		[] 1L [x] 2L	[x] 60' [] 120'
Z00 R03 m		[] 1L [x] 2L	[x] 60' [] 120'		[] 1L [x] 2L	[x] 60' [] 120'
Z00 R04 m		[] 1L [x] 2L	[x] 60' [] 120'		[] 1L [x] 2L	[x] 60' [] 120'
Z02 R01 m	###-Z02 PPL-1	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-1	[] 1L [] 2L	[] 60' [] 120'
Z02 R02 m	###-Z02 PPL-2	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-2	[] 1L [] 2L	[] 60' [] 120'
Z02 R03 m	###-Z02 PPL-3	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-3	[] 1L [] 2L	[] 60' [] 120'
Z02 R04 m	###-Z02 PPL-4	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-4	[] 1L [] 2L	[] 60' [] 120'
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		[] 16L 16.5 L	[x] 30 min.		[] 16L 16.5 L	[x] 30 min.
Z02 m	###-Z02 MB320	[] 16L L	[] 30 min.	###-Z02 MB033	[] 16L L	[] 30 min.



Depth		COMMENTS
Z00	R01 m	Due to a technical problem (power failure) the peristaltic pump worked with an higher flow than expected. Filtration where finished in 1H...
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



LOG_SAMPLES_ **2023** **05** **12** _STATION- **0 2 1** _S-LAB-OTHER

OPERATOR(S) **AL**

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						
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT				
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		[] 30L 10 L	<input checked="" type="checkbox"/> 30 min.		=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-702 eDNA	[] 30L	[] 30 min.			



Depth Replicate	COMMENTS
Z00 R01 m	for all : water have been taken from niskin bottle n°7 .
Z00 R02 m	
Z00 R03 m	
Z00 R04 m	
Z00 R05 m	
Z00 R06 m	
Z00 R07 m	
Z00 R08 m	



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

OPERATOR(S) AL

Depth	DECKNET Volume (Litres)	Time start FILLING ##:##	Time end NET OUT ##:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	● 100 L L	13 : 32	13 : 52		
Z02 m	[] 100 L L			### Z02 SG5-1	### Z02 SG5-2

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C
Z00 m		
Z02 m	### Z02 FM5-1	### Z02 FM5-2

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

* pre-aliquoted Glycine betaine
store at 4°C



LOG_SAMPLES_ 2023 05 17 _STATION- 0 2 1 _S-LAB-25-1

OPERATOR(S) | MC |

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. <u>4,73</u> 2. <u>3,50</u> 3. <u>3,46</u>			<input checked="" type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>TAS20</u> Weight: <u>38,307</u>	
Z02 m	1. 2. 3.		TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input checked="" type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input checked="" type="checkbox"/> 30' <input type="checkbox"/> 40' <u>4'42"</u> max min
Z00 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input checked="" type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R02 m	###-Z00 HP-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min
Z02 m	###-Z02 PA	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	Z00 R03 m	###-Z00 HP-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max 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		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>PA608</u> Weight: <u>39,183</u>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>PA650</u> Weight: <u>38,207</u>
Z00 R02 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>PA675</u> Weight: <u>37,993</u>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>TAS16</u> Weight: <u>38,121</u>
Z00 R03 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>PA603</u> Weight: <u>38,324</u>		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: <u>TR72</u> Weight: <u>37,099</u>
Z02 R01 m	###-Z02 PM-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		
Depth Replicate	COMMENTS PA - HP	
Z00 m		
Z02 m		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-200

OPERATOR(S) MC / MG

Horizontal
WP11-200

SAMPLE SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of total volume

Aliquot Volume (mL)

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



112554621

1 (100%)

250 mL

SAMPLE SPLITTING

COD-END #2

Total volume
 1600 mL

Aliquots vol.
 200 mL

PROTOCOLS

Barcode

Fraction of total volume

Aliquot Volume (mL)

Barcode

Fraction of total volume

Aliquot Volume (mL)

S200
Cryo-5mL
LN2 #1



112493993

1/8

200 mL
20 mL
 15 mn



112496317

1/8

200 mL
13 mL
 15 mn

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



112554618

1/8

200 mL
24 mL
 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1	only 20 ml x 19ml because filters clogged : a lot of sand in water.	
S200-L Falcon-5mL FRZ -20°C	filter clogged , too much sand .	



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S) MC / MG

Net 20 µm				[●] Decknet [] Deployed at sea		
SAMPLE SPLITTING	# of cod-ends [●] 1 [] 2	Total volume [●] 1600 mL	Aliquots vol. [●] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="radio"/> S20 Cryo-5mL LN2 #1		<input checked="" type="radio"/> 1/8	<input checked="" type="radio"/> 200 mL <input checked="" type="radio"/> 15 mn		<input checked="" type="radio"/> 1/8	<input checked="" type="radio"/> 200 mL <input checked="" type="radio"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="radio"/> 1/8	<input checked="" type="radio"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="radio"/> 1/8	<input checked="" type="radio"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="radio"/> 1/8	<input checked="" type="radio"/> 200 mL <input checked="" type="radio"/> 15 mn			
MB20 Vial-4mL FRZ -20°C		<input checked="" type="radio"/> 1/8	<input checked="" type="radio"/> 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input checked="" type="radio"/> 45 mL			<input checked="" type="radio"/> 45 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	<p><i>forgot both replicates in freezer -20°C for 12h after station 21. Put them back at 4°C after.</i></p>	



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

OPERATOR(S) _____

2023 05 17 0 2 1

MC / 176

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL			Total volume [●] 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		[] 50 % [●] 100 %	[●] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	[] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					[] 50 % [●] 100 %	[] 200 mL [] 400 mL [] 600 mL [] 800 mL 77 mL [] 15 mm

