



LOG\_SAMPLES\_ 2023 10 03 \_STATION- 0 8 5 \_W-LAB-142-1

OPERATOR(S) Julio Poulain

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			[ ] 20L [ ] 50L 10 L	[ ] 15' [ ] 60' 15 min.		[ ] 10L [ ] 20L L
Z00 R02 m			[ ] 20L [ ] 50L 10 L	[ ] 15' [ ] 60' 15 min.		[ ] 10L [ ] 20L 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			[ ] 20L [ ] 50L 28 L	[ ] 15' [ ] 60' 60 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			[ ] 20L [ ] 50L 35 L	[ ] 15' [ ] 60' 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60' 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 # # # # #  
 2023 10 03 \_STATION- 0 8 5 \_DECK-BGC  
 OPERATOR(S) MH

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 <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					
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\_ 2023 10 03 \_STATION- 0 8 5 \_TARDIS-SCP

OPERATOR(S) MH

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 L	[ ] 60' [ ] 120' 34 min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.
Z00 R02 m		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.
Z00 R03 m		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.
Z00 R04 m		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.		[ ] 1L [x] 2L L	[ ] 60' [ ] 120' 34 min.
Z02 R01 m	###-Z02 PPL-1	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-1	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Z02 R02 m	###-Z02 PPL-2	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-2	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Z02 R03 m	###-Z02 PPL-3	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-3	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.
Z02 R04 m	###-Z02 PPL-4	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-4	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' 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		[x] 16L L	[x] 30 min.		[x] 16L L	[x] 30 min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 16L L	[ ] 30 min.





I was sea-sick during those protocols.

Depth		COMMENTS
Z00	R01	Water was too turbid so the filters get clogged after 4 L. I had to change the filters. The second set of filters are called "202" and "replicate 2" but they were neither taken at a different depth nor true biological replicates.
	m	
Z00	R02	↳ other incidence - water was dominated by DOC/TOC. They formed a dense disk on the first filter (MB320) that prevent the passage of the particles to the MB033. That's why the MB033 seems so clean.
	m	
Z00	R03	↳ When I changed the filters some DOC/TOC fell in the tubings. I cannot do differently. So the second filter "202-replicate 2-MB033" may be contaminated with water from MB320. Better to avoid to take it in account if not necessary.
	m	
Z02	R01	No: ↳ see slide 84
	m	
Z02	R02	Incidence on the PPC and HCB protocols:
	m	
Z02	R03	⚠ Note HCB carboy full but was cleaned after that
	m	
Z02	R04	
	m	





LOG\_SAMPLES\_ **2023** **10** **03** \_STATION- **085** \_S-LAB-25-1  
 OPERATOR(S) **sz**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 2.79 2. 1.95 3. 2.26		635 mL	N°: XX314 Weight: 36,766		
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	635 mL [ ] 30' [ ] 40' max min 7		
Z00 m		635 mL	Z00 R02 m	635 mL *fille gel on floor 8 [ ] 30' [ ] 40' max min		
Z02 m	###-Z02 PA	mL	Z00 R03 m	635 mL 8 [ ] 30' [ ] 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		635 mL	N°: XX069 Weight: 37,430		635 mL	N°: XX410 Weight: 36,088
Z00 R02 m		635 mL	N°: XX382 Weight: 36,974		635 mL	N°: XX078 Weight: 37,077
Z00 R03 m		635 mL	N°: XX042 Weight: 36,244		635 mL	N°: XX116 Weight: 27,362
Z02 R01 m	###-Z02 PM-1	mL	N°: Weight:	###-Z02 FOI-1	mL	N°: Weight:
Z02 R02 m	###-Z02 PM-2	mL	N°: Weight:	###-Z02 FOI-2	mL	N°: Weight:
Z02 R03 m	###-Z02 PM-3	mL	N°: Weight:	###-Z02 FOI-3	mL	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		







	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
2023	10	03

 \_STATION- 

#	#	#
0	8	5

 \_S-LAB-NET-200

OPERATOR(S) 

SZ
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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



[ ] 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



[ ] 1/8

[ ] 200 mL  
100 mL  
 15 mL



[ ] 1/8

[ ] 200 mL  
100 mL  
 15 mL

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



[ ] 1/8

[ ] 200 mL  
100 mL  
 15 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

OPERATOR(S) SZ

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume <input checked="" type="checkbox"/> 1600 mL			Total volume <input type="checkbox"/> 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		<input type="checkbox"/> 50 % <input type="checkbox"/> 100 %	<input type="checkbox"/> 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked  #ind=	<input type="checkbox"/> 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input type="checkbox"/> 50 % <input type="checkbox"/> 100 %	<input type="checkbox"/> 100 mL <input checked="" type="checkbox"/> 15 mn









LOG\_SAMPLES\_ 2023 10 03 \_STATION- 085 \_S-LAB-OTHER

OPERATOR(S) Sc

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						
<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT		* + 100 µL ZnCl <sup>2</sup>	* + 100 µL ZnCl <sup>2</sup>	* + 100 µL ZnCl <sup>2</sup>
<b>Depth Replicate</b>	<b>eDNA Watera capsule RT</b>	<b>Filtration Volume (Litres)</b>	<b>Filtration Duration (minutes)</b>	<b>+ 50 mL of buffer</b>	<b>&lt; 0.45 µm</b>	
Z00 m		[ ] 30L <b>32</b> L	[ ] 30 <b>24</b> min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02 m	###-Z02 eDNA	[ ] 30L L	[ ] 30 min.			





Depth Replicate	COMMENTS
Z00 R01 m	
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 # # # #  
 2023 | 10 | 03 | \_STATION- | 0 | 8 | 5 | \_S-LAB-DECKNET-5  
 OPERATOR(S) | Sc

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	11 : 56	12 : 34		
Z02 m	[ ] 100 L	:	:	### Z02 SG5-1	### Z02 SG5-2
				* Glycine-betaine pre-aliquot at 4°C	
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 stored at -20°C					



