



YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023** **06** **28** \_STATION- **0 4 3** \_W-LAB-142-1  
 OPERATOR(S) **JOB**

Depth Replicate	<b>S320</b> Cryo-5mL LN2 #1	<b>S023</b> 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 <b>8</b> L	<input checked="" type="checkbox"/> 15' [ ] 60' min.		[ ] 10L [ ] 20L <b>8</b> L
Z00 R02 m			[ ] 20L [ ] 50L <b>8</b> L	<input checked="" type="checkbox"/> 15' [ ] 60' min.		[ ] 10L [ ] 20L <b>7</b> 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	<b>P320</b> Cryo-5mL LN2 #1	<b>P023</b> Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			[ ] 20L [ ] 50L <b>15</b> L	[ ] 15' <input checked="" type="checkbox"/> 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[ ] 20L [ ] 50L <del>20</del> L	[ ] 15' [ ] 60' min.		
Depth Replicate	<b>S320-L</b> 15mL falcon -20°C <b>+ 10 mL</b> <b>Nucleoprotect</b>	<b>S023-L</b> 15mL falcon -20°C <b>+ 10 mL</b> <b>Nucleoprotect</b>	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m			[ ] 20L [ ] 50L <b>20</b> L	[ ] 15' <input checked="" type="checkbox"/> 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\_ 2023 06 28 \_STATION- 0 4 3 \_W-LAB-142-SS-1

OPERATOR(S) JOB

Depth Replicate	S02-2K Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	
Z00 R01 m	 112497131	<input type="checkbox"/> 15L <input type="checkbox"/> 50L <span style="font-size: 2em; margin-left: 80px;">8</span> L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.	80 L : Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
Z00 R02 m	###-Z00 S02-2K-2	<input type="checkbox"/> 15L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.	
Depth Replicate	< 3 µm			
Z00 m	For onland protocols			50 L : Collect filtrate for SS protocols onland : V<3, RBM<3, VV<3, VV<3bis



Depth Replicate	Replicate	COMMENTS
		S02-2K
Z00	R01	
	m	
Z00	R02	
	m	
Depth Replicate		COMMENTS
		< 3 µm
Z00		
	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					###-Z00 SAL
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			



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LOG\_SAMPLES\_ 2023 06 28

# # #

\_STATION- 0 4 3 \_TARDIS-SCP-SS

OPERATOR(S) Lo

LCMS

Depth	PPL WhirlPack FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m	 PPL-NV103	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	 HLB-5	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R02 m	 PPL-NV103	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	 HLB-5	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R03 m	 PPL-NV103	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	 HLB-5	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R04 m	 PPL-NV103	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.	 HLB-5 <b>MIRQ</b>	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.
Z00 R05 m	 PPL-NV103	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.			
Z00 m	 PPL-NV103 <b>MIRQ</b>	[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' min.			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	





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 LOG\_SAMPLES\_ 2023 06 28 \_STATION- 0 4 3 \_W-LAB-142-SS-2  
 OPERATOR(S) LO

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	R01		[ ] 16L <u>22 L</u>	[ ] 30 <u>35 min.</u>		[ ] 16L <u>22 L</u>	[ ] 30 <u>35 min.</u>
Z00	R02		[ ] 16L <u>20 L</u>	[ ] 30 <u>30'41 min.</u>		[ ] 16L <u>~ 20 L</u>	[ ] 30 <u>30'41 min.</u>
Z00			[ ] 16L <u>250 mL</u>	[ ] 30 <u>2'30 min.</u>		[ ] 16L <u>250 mL</u>	[ ] 30 <u>2'30 min.</u>
Z02	R01	###-Z02 MB320-SS-1	[ ] 16L L	[ ] 30 min.	###-Z02 MB033-SS-1	[ ] 16L L	[ ] 30 min.
Z02	R02	###-Z02 MB320-SS-2	[ ] 16L L	[ ] 30 min.	###-Z02 MB033-SS-2	[ ] 16L L	[ ] 30 min.
Z02		###-Z02 MB320-H2O	[ ] 16L L	[ ] 30 min.	###-Z02 MB033-H2O	[ ] 16L L	[ ] 30 min.

COMMENTS							



Depth Replicate		COMMENTS MB320-SS	COMMENTS MB033-SS
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Z02	R01 m		
Z02	R02 m		
Z02	R03 m		
Depth	COMMENTS LCMS		
Z00	m		
Z02	m		



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 LOG\_SAMPLES\_ **2023** **06** **18** \_STATION- **0** **4** **3** \_S-LAB-OTHER  
 OPERATOR(S) **HB**

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 <sub>2</sub>	+ 100 µL ZnCl <sub>2</sub>	+ 100 µL ZnCl <sub>2</sub>
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		[ ] 30L <i>SEE COMMENT</i>	<b>30</b> [ ] 30 min.	<i>VOLUME NOT MEASURED. BASED ON THE MEASUREMENT FROM YESTERDAY (SAME TIME, SAME SPEED, THE VOLUME SHOULD BE 35L.)</i>		
Z02 m	###-Z02 eDNA	[ ] 30L	[ ] 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	06	28

 \_STATION- 

#	#	#
0	4	3

 \_S-LAB-DECKNET-5

OPERATOR(S) 

HB
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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 57 L	:	:		
Z02 m	[ ] 100 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			
	<b>*pre-aliquoted 5 mL PFA/GLUT store at -20°C</b>	<b>* pre-aliquoted Glycine betaine store at 4°C</b>			



Depth		COMMENTS SG5
Z00	R01 m	
Z00	R02 m	

Depth		COMMENTS FM5
Z00	R01 m	
Z00	R02 m	<p>FM5-1, FM5-2, SG5-1, SG5-2</p> <p>DECKNET FOL ⇒ 450 mL</p> <p>THE REST TO THE AMZ LAB</p>



LOG\_SAMPLES\_ 2023 06 28 \_STATION- 0 4 3 \_S-LAB-25-1

OPERATOR(S) D.D.

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. <b>1.22</b> 2. <b>1.05</b> 3. <b>1.08</b>		[ ] 65 [ ] 135 [ ] 270 [ ] 635 <input checked="" type="checkbox"/> 1080 [ ] 2270	N°: <b>TR29</b> Weight: <b>37.581</b>		
Z02 m	1. 2. 3.	<b>TRIPPLICATES ONCE A MONTH FOR HP</b>	<b>HP Cryo-2mL LN2 #2</b>	<b>Filtration Volume (mL)</b> <b>Filtration Duration (minutes)</b>		
<b>Depth</b>	<b>PA Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	Z00 R01 m	 [ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	[ ] 30' [ ] 40' max min	
Z00 m		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	Z00 R02 m	###-Z00 HP-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	[ ] 30' [ ] 40' max min
Z02 m	###-Z02 PA	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	Z00 R03 m	###-Z00 HP-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	[ ] 30' [ ] 40' max min
<b>Depth</b>	<b>PM Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	<b>N° filtre + weight (mg)</b>	<b>FOI Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	<b>N° filtre + weight (mg)</b>
Z00 R01 m		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	N°: <b>TR100</b> Weight: <b>37.982</b>		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	N°: <b>TR220</b> Weight: <b>36.841</b>
Z00 R02 m		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	N°: <b>TR241</b> Weight: <b>36.726</b>		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	N°: <b>TR23</b> Weight: <b>36.349</b>
Z00 R03 m		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	N°: <b>TR269</b> Weight: <b>36.795</b>		[ ] 65 [ ] 135 [ ] 270 <input checked="" type="checkbox"/> 635 [ ] 1080 [ ] 2270	N°: <b>TR115</b> Weight: <b>37.164</b>
Z02 R01 m	###-Z02 PM-1	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-1	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-2	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 2270	N°: Weight:	###-Z02 FOI-3	[ ] 65 [ ] 135 [ ] 270 [ ] 635 [ ] 1080 [ ] 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		





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 LOG-SAMPLES\_ **2023** **06** **28** \_STATION- **043** \_S-LAB-NET-20  
 OPERATOR(S) **D.D.**

Net 20 µm				<input type="checkbox"/> Decknet <input type="checkbox"/> 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 type="checkbox"/> 1/8 <i>130 ml</i>	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8 <i>130 ml</i>	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 1/8 <i>§</i>	<input checked="" type="checkbox"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL	<i>→ wind blue color and particles when adding the ethanol.</i>		
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 1/8 <i>130 ml</i>	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn			
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
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	



	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)   



2023 06 28    043    D.D.

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		[ ] 1 (100%)	[ ] 250 mL	<i>Too much biomass. To reduce it we took 60 mL from COD-END #2 (from the 1.6 L bottle) and put it in the red cap bottle + 30mL of formol + borax</i>		
SAMPLE SPLITTING						
COD-END #2						
		Total volume	Aliquots vol.			
		[ ] 1600 mL	[ ] 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 <i>30 ml</i>	[ ] 200 mL [ ] 15 mn		[ ] 1/8 <i>30 ml</i>	[ ] 200 mL [ ] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		[ ] 1/8 <i>30 ml</i>	[ ] 200 mL [ ] 15 mn			



	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		


 YYYY MM DD # # #  
 LOG-SAMPLES\_ **2024 06 28** \_STATION- **0 4 3** \_S-LAB-NET-680  
 OPERATOR(S) **D.D.**

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 % <input checked="" type="radio"/> 100 %	<input checked="" type="radio"/> 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					<20% [ ] 50 % [ ] 100 %	<del>[ ] 200 mL</del> [ ] 400 mL [ ] 600 mL [ ] 800 mL  [ ] 15 mn



	COMMENTS	COMMENTS
<b>SAMPLE SPLITTING</b>		
<b>PROTOCOLS</b>		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		