



LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-680

OPERATOR(S) DC+EL+NG

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [ ] 1600 mL			Total volume [ ] 1600 mL		
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol		[ ] 50 % <input checked="" type="radio"/> 100 %	[ ] 800 mL			
F2000 Bottle-250mL RT >10°C + borax/formol		hand-picked #ind= Gelty fish!	<del>[ ] 250 mL</del> 500 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					[ ] 50 % <input checked="" type="radio"/> 100 %	[ ] 200 mL [ ] 400 mL [ ] 600 mL [ ] 800 mL 145 mL <input checked="" type="radio"/> 15 mn



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



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 04 22 \_STATION- 0 1 2 \_W-LAB-142-1  
 OPERATOR(S) Margaux CREDEVILLE

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 <input type="checkbox"/> 50L 8 L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' 15 min.		<input type="checkbox"/> 10L <input type="checkbox"/> 20L 4,5 L
Z00 R02 m			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 6 L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' 13 min.		<input type="checkbox"/> 10L <input type="checkbox"/> 20L 2,8 L
Z00 R03 m			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 10 L	<input checked="" type="checkbox"/> 15' <input type="checkbox"/> 60' 15 min.		<input type="checkbox"/> 10L <input type="checkbox"/> 20L 6 L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.	###-Z02 S<02-2	<input type="checkbox"/> 10L <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"/> 20L <input type="checkbox"/> 50L 15/20 L	<input type="checkbox"/> 15' <input checked="" type="checkbox"/> 60' 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 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			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 9/11 20 L	<input checked="" type="checkbox"/> 15' <input type="checkbox"/> 60' 15/35 50 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	some water remaining on the filters after purge
Z00 R02 m	<ul style="list-style-type: none"> <li>leaks on filter 0.2 µm during filtration</li> <li>reach saturation at 6L</li> <li>some water remaining on the filters after purge</li> </ul>
Z00 R03 m	<ul style="list-style-type: none"> <li>SK02-3 stop after 6L because of clogging</li> </ul>
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	
Z02 m	
Depth	COMMENTS S###L
Z00 m	2 filters per tube
Z02 m	

0.8 filter SK02 R2 into LN2



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC

OPERATOR(S)   

2023 04 22 0 1 2

MH

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C		ICTA 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 ICTA	###-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\_ YYYY MM DD # # # \_STATION- \_TARDIS-SCP  
 2023 04 22 01 2  
 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		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.
Z00 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.
Z00 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.
Z00 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h48 min.
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R04 m	###-Z02 PPL-4	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-4	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.



Depth		COMMENTS PPL	COMMENTS HLB
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Z00	R04 m		
Z02	R01 m		
Z02	R02 m		
Z02	R03 m		
Z02	R04 m		









LOG\_SAMPLES\_ **2023** **04** **22** \_STATION- **0** **1** **2** \_S-LAB-OTHER

OPERATOR(S) **ERWAN LEBEAY**

Depth	Replicates	SG Cryo-5mL LN2 #1	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G 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						
Z00	R04 m						
Z00	R05 m						
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
<b>Prealiquot</b>		Glycine-betaine prealiquot at 4°C	No prealiquot	Glycerol prealiquot - RT	Glycerol prealiquot - RT	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-DECKNET-5

OPERATOR(S) ERWAN LEGEAY

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 60 L	11:09	11:35		
Z02 m	[ ] 100 L	[Wavy line]		### 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











YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 04 22 \_STATION- 0 1 2 \_S-LAB-25-1  
 OPERATOR(S) M. G.

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. <u>13,09</u> 2. <u>13,2</u> 3. <u>13,4</u>			<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 135</u>	N°: <del>PA661</del> <u>TA506</u> Weight: <del>37,877</del> <u>37,278</u>	
Z02 m	1. 2. 3.		###-Z02 PM-CTRL	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)				
Z00 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270				
Z02 m	###-Z02 PA	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270				
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"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 190</u>	N°: <del>TA506</del> <u>PA641</u> Weight: <del>37,278</del> <u>37,877</u>		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 135</u>	N°: <u>TR53</u> Weight: <u>37,373</u>
Z00 R02 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 135</u>	N°: <u>TR60</u> Weight: <u>37,053</u>		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 135</u>	N°: <u>PA696</u> Weight: <u>36,460</u>
Z00 R03 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 135</u>	N°: <u>PA665</u> Weight: <u>37,345</u>		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <u>[0] 135</u>	N°: <u>TA504</u> Weight: <u>37,451</u>
Z02 R01 m	###-Z02 PM-1	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-1	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-2	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-3	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <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	
Z00 m		
Z02 m		



LOG\_SAMPLES\_ **2023** **04** **22** \_STATION- **0** **1** **2** \_S-LAB-25-2

OPERATOR(S) **M.G.**

Depth	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)			
Z00 R01 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 <b>63190</b>	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max <b>5'35"</b> min			
Z00 R02 m	###-Z00 HP-2	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min			
Z00 R03 m	###-Z00 HP-3	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min			
Z02 R01 m	###-Z02 HP-1	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min			
Z02 R02 m	###-Z02 HP-2	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min			
Z02 R03 m	###-Z02 HP-3	<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	<input type="checkbox"/> 30' <input type="checkbox"/> 40' max min			
<b>TRIPPLICATES ONCE A MONTH</b>						



Depth Replicate	COMMENTS HP
Z00 R01 m	
Z00 R02 m	
Z00 R03 m	
Z02 R01 m	
Z02 R02 m	
Z02 R03 m	



LOG-SAMPLES\_    \_STATION-    \_S-LAB-NET-20

OPERATOR(S)

		Net 20 µm		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. <input checked="" type="checkbox"/> 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	<input type="checkbox"/> 200 mL <b>250 mL</b> <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>250 mL</b> <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
E20 Falcon-15mL <b>+ 15mL ETOH</b> FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C <b>+ 5 mL NucleoProtect</b>		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <del>300 mL</del> <input checked="" type="checkbox"/> 15 mn <b>300 mL</b>			
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\_    \_STATION-    \_S-LAB-NET-200

OPERATOR(S)

<u>Horizontal</u> 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"/> 1 (100%)	<input type="checkbox"/> 250 mL <b>500mL</b>			
SAMPLE SPLITTING	COD-END #2	Total volume	Aliquots vol.			
		<input type="checkbox"/> 1600 mL	<input type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="radio"/> S200 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>20mL</b> <input type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>20mL</b> <input type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <b>20mL</b> <input type="checkbox"/> 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		