






LOG_SAMPLES_ YYYY MM DD # # # _STATION- _W-LAB-142-1

OPERATOR(S) Julie Portain

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	tube 1 	tube 1 	[] 20L [] 50L 17 L	[] 15' [] 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2 19L total	
Z02 m	tube 2 	tube 2 	[] 20L [] 50L 2 L	[] 15' [] 60' 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 25 L	[] 15' [] 60 60 min.	2 filters in the same tube	
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60 min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	 <p>Blank of yellow line R01-short</p> <p>0,2 µm filter 1L H₂O AQ</p>
Z00 R02 m	 <p>Blank of white line R02-short</p> <p>0,2 µm filter 1L H₂O AQ</p>
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	<p>0,2 µm filters changed after 17L of filtration (Clogged) P0320 - tube 1 + P320 - tube 2</p>
Z02 m	
Depth	COMMENTS S###L
Z00 m	 <p>Blank of Red line R01-Long</p> <p>0,2 µm filter 1L H₂O AQ</p>
Z00 m	<p>Filter changed 3µm after 13L of filtration (Clogged) 2 filters in the same tube</p> <p>0,2 µm filter changed after 20L of filtration (Clogged) 2 filters in the same tube</p>



Depth Replicate	COMMENTS eDNA
Z00 m	
Z02 m	



Depth Replicate		COMMENTS
		S02-2K
Z00	R01	maybe I made a mistake !? SW<20 used instead of SW<2000 ⚠
	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		ICTA 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 ICTA	###-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			



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 04 07 _STATION- 0 0 4 _TARDIS-SCP-SS
 OPERATOR(S) JUF-

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)
Z02 R01 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R05 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.			
Z02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.			

COMMENTS

Blanks ~~later~~ extracted the following morning 08/04/2023



YYYY MM DD # # #
 LOG_SAMPLES_ _STATION- _TARDIS-SCP-SS
 OPERATOR(S)

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	###-Z00 PPL-NMR-1	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z00 HLB-LCMS-1	[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R02 m	##-Z00 PPL-NMR-2	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z00 HLB-LCMS-2	[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R03 m	##-Z00 PPL-NMR-3	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z00 HLB-LCMS-3	[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R04 m	###-Z00 PPL-NMR-4	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z00 HLB-LCMS-H2O	[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R05 m	###-Z00 PPL-NMR-5	[] 1L [] 2L L	[] 60' [] 120' min.			
Z00	m	###-Z00 PPL-LCMS-H2O	[] 1L [] 2L L	[] 60' [] 120' min.			



LOG_SAMPLES_
 _STATION-
 _W-LAB-142-SS-2
 OPERATOR(S)

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 m		[] 16L <i>x17</i> L	X 30 min.		[] 16L <i>17L</i> L	X 30 min.
Z00 R02 m		[] 16L <i>250ml MilliQ</i> L	[] 30 min.		[] 16L <i>250ml MilliQ</i> L	[] 30 min.
Z00 R03 m	###-Z00 MB320-H2O-2	[] 16L L	[] 30 min.	###-Z00 MB033-H2O-2	[] 16L L	[] 30 min.
Z02 R01 m	###-Z02 MB320-SS	[] 16L L	[] 30 min.	###-Z02 MB033-SS	[] 16L L	[] 30 min.
Z02 R02 m	###-Z02 MB320-H2O-1	[] 16L L	[] 30 min.	###-Z02 MB033-H2O-1	[] 16L L	[] 30 min.
Z02 R03 m	###-Z02 MB320-H2O-2	[] 16L L	[] 30 min.	###-Z02 MB033-H2O-2	[] 16L L	[] 30 min.

COMMENTS

Filtrated 17L instead
Blanks for filters also done with 250 ml MilliQ



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		



YYYY MM DD # # #
 LOG_SAMPLES_ **2023 04 07** _STATION- **0 0 4** _S-LAB-OTHER
 OPERATOR(S) **Colomban**

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						
Prealiquot		Glycine-betaine prealiquot at 4°C	No prealiquot	Glycerol prealiquot - RT	Glycerol prealiquot - RT	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C



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 # # # _STATION- # # # _S-LAB-DECKNET-5

OPERATOR(S) Colomban

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	:	:		
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			



Depth		COMMENTS SG5
Z00	R01	
	m	
Z00	R02	
	m	
Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	



YYYY MM DD # # #
 LOG_SAMPLES_ **2023 04 07** _STATION- **0 0 4** _S-LAB-25-1
 OPERATOR(S) | **H.G.**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 7,95 2. 8,36 3. 8,80		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: TA 514 Weight: 37,338		
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 checked="" type="checkbox"/> 2270 [0] 125				
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 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: TR 79 Weight: 36,917		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: TR 81 Weight: 36,743
Z00 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: TR 94 Weight: 37,105		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: PA 673 Weight: 37,207
Z00 m		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: PA 647 Weight: 37,544		<input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input checked="" type="checkbox"/> 2270 [0] 125	N°: TR 88 Weight: 37,822
Z02 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 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 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** **07** _STATION- **0** **0** **4** _S-LAB-25-2

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

Depth	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)			
Z00 R01 m		[] 150* [] 250* [] 635 [] 1080 [] 2270 1125	[] 30' [] 40' max 2'08' min			
Z00 R02 m	###-Z00 HP-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z00 R03 m	###-Z00 HP-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R01 m	###-Z02 HP-1	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R02 m	###-Z02 HP-2	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
Z02 R03 m	###-Z02 HP-3	[] 150* [] 250* [] 635 [] 1080 [] 2270	[] 30' [] 40' max min			
TRIPPLICATES ONCE A MONTH						






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



YYYY MM DD # # #
 LOG-SAMPLES_ **2023** **04** **07** _STATION- **0** **0** **4** _S-LAB-NET-20
 OPERATOR(S) **M. G.**

	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 checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" 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	 112493262 BLANK - SHORT-1 10 µm PC Filter 47mm 200 mL LN2 #1	 112493263 BLANK - SHORT-2 10 µm PC Filter 47mm 200 mL LN2 #1
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C	 112493264 BLANK - SHORT-3 10 µm PC Filter 47mm 200 mL LN2 #1	
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		



LOG-SAMPLES_ YYYY MM DD # # # #
 LOG-SAMPLES_ **2023** **04** **07** _STATION- **0** **0** **4** _S-LAB-NET-200
 OPERATOR(S) **M.G.**

<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		[•] 1 (100%)	[•] 250 mL			
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	[•] 200 mL [•] 15 mn		[•] 1/8	[•] 200 mL [•] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		[•] 1/8	[•] 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		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- _S-LAB-NET-680
2023 04 07 0 0 4
 OPERATOR(S) M. G.

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		[] 50 % [●] 100 %	[●] 800 mL			
F2000 Bottle-250mL RT >10°C	### EPI F2000	hand-picked #ind=	[] 250 mL			
S680-L Falcon-5mL FRZ -20°C					[] 50 % [●] 100 %	[] 200 mL [] 400 mL [●] 600 mL [] 800 mL



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