



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 10 25 _STATION- 0 9 2 _W-LAB-142-1
 OPERATOR(S) 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			[] 20L [] 50L <u>10</u> L	[] 15' [] 60' <u>13</u> min.		[] 10L [] 20L <u>10</u> L
Z00 R02 m			[] 20L [] 50L <u>10</u> L	[] 15' [] 60' <u>13</u> min.		[] 10L [] 20L <u>10</u> 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 <u>10</u> L	[] 15' [] 60' <u>55</u> 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 <u>15</u> } <u>25</u> } <u>10</u> L	[] 15' [] 60' <u>25+57</u> } <u>30</u> } <u>60</u> min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60' min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	} 3 min filtration + 3/4 min purge
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	Pb with the pump only 10L \Rightarrow no volume meter I just look at the marks on the canboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	25 min fast filtration + 5 min to collect and change filter \Rightarrow 30 min
Z02 m	



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



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _DECK-BGC

OPERATOR(S) DP

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 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 10 25 _STATION- 092 _W-LAB-142-SS-2
 OPERATOR(S) OP

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 0 m	 MB320-SS-2	X 16L L	X 30 min. min.	 MB033-SS-2	X 16L L	[] 30 min. min.
Z00 R02 m	 MB320-SS-2	[] 16L ~ 20 L	[] 30 min. ~ 40 min.	 MB033-SS-2	[] 16L ~ 20 L	[] 30 min. min.
Z00 m	###-Z00 MB320-H2O	[] 16L L	[] 30 min. min.	###-Z00 MB033-H2O	[] 16L L	[] 30 min. min.
Z02 R01 m	###-Z02 MB320-SS-1	[] 16L L	[] 30 min. min.	###-Z02 MB033-SS-1	[] 16L L	[] 30 min. min.
Z02 R02 m	###-Z02 MB320-SS-2	[] 16L L	[] 30 min. min.	###-Z02 MB033-SS-2	[] 16L L	[] 30 min. min.
Z02 m	###-Z02 MB320-H2O	[] 16L L	[] 30 min. min.	###-Z02 MB033-H2O	[] 16L L	[] 30 min. 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		



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 10 25 _STATION- 092 _TARDIS-SCP-SS
 OPERATOR(S) DP

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	 112556090	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.	 112556086	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.
Z00 R02 m	 112556091	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.	 112556087 HLB-LCMS-2	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.
Z00 R03 m	 112556092	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.	 112556088	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.
Z00 R04 m	 112556093	[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120' min.	 112556085 H2O	<input checked="" type="checkbox"/> 1L [] 2L	<input checked="" type="checkbox"/> 60' [] 120' min.
Z00 R05 m	 112556094 H2O-NMR-5	[] 1L [] 2L	[] 60' <input checked="" type="checkbox"/> 120' min.			
Z00 m	 112556089 H2O	<input checked="" type="checkbox"/> 1L [] 2L	<input checked="" type="checkbox"/> 60' [] 120' min.			



LCMS

Depth		COMMENTS
Z00	R01 m	Rough Weather, Wave 2~+, Possible Contamination from Tully falling out
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	



LOG_SAMPLES_ **2023** **10** **25** _STATION- **092** _S-LAB-OTHER
 OPERATOR(S) **FV**

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 ²	* + 100 µL ZnCl ²	* + 100 µL ZnCl ²
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 <i>Stat 08:13</i> m		[] 30L 15 L	30 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 # # # _STATION- # # # _S-LAB-DECKNET-5

OPERATOR(S) F.V

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 80 L	09 : 19	09 : 35	112507219	112507220
Z02 m	[] 100 L 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	112555883	112555884			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					



LOG_SAMPLES_ 2023 10 25 _STATION- 0 9 2 _S-LAB-25-1

OPERATOR(S) NR

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 3.44 2. 3.80 3. 3.57		###-Z00 PM-CTRL	mL	N°: Weight:	
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		300 mL	[] 30' [] 40' max min
Z00 m		300 mL	Z00 R02 m	###-Z00 HP-2	mL	[] 30' [] 40' max min
Z02 m	###-Z02 PA	mL	Z00 R03 m	###-Z00 HP-3	mL	[] 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		300 mL	N°: XX301 Weight: 36,242		300 mL	N°: XX396 Weight: 36,838
Z00 R02 m		300 mL	N°: XX324 Weight: 37,013		300 mL	N°: XX307 Weight: 36,422
Z00 R03 m		300 mL	N°: XX107 Weight: 37,026		300 mL	N°: XX308 Weight: 37,209
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		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20
 OPERATOR(S)

LOG-SAMPLES_ 2023 10 25 _STATION- 0 9 2 _S-LAB-NET-20
 OPERATOR(S) NR

Net 20 µm

- Decknet
- Deployed at sea

SAMPLE SPLITTING	# of cod-ends [] 1 [] 2	Total volume <input checked="" type="checkbox"/> 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="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn	<input checked="" type="checkbox"/> ### 200 	<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <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 + 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	[] 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 10 15 092
 NR

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



112555902

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



112507135

1/8

200 mL

15 mn



112494021

1/8

200 mL

15 mn

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



112555901

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

LOG-SAMPLES_ _STATION- _S-LAB-NET-680

OPERATOR(S)

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 % [x] 100 %	[x] 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 % [x] 100 %	<input checked="" type="checkbox"/> 250 mL [] 15 mn



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