



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 10 09 _STATION- 0 8 9 _W-LAB-142-1

OPERATOR(S) Julie Pouloin

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	112499050	112499051	[] 20L [] 50L 15 L	[] 15' [] 60' 15 min.	112499072	[] 10L [] 20L 14 L
Z00 R02 m	112499052	112499053	[] 20L [] 50L 16 L	[] 15' [] 60' 15 min.	112499073	[] 10L [] 20L 15 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	112499054	112499055	[] 20L [] 50L 40 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	112555652	112555653	[] 20L [] 50L 45 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



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



YYYY MM DD # # #
 LOG_SAMPLES_ **2023** **10** **09** _STATION- **0 8 9** _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	112555695	112555696	112555697		112555787	###-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	112555740	112555710	112555725			
Z00 R02 m	112555741	112555711	112555726			
Z00 R03 m	112555742	112555712	112555727			
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
Depth Replicate	Comments CDOM/FDOM	Comments DOC	Comments NUT	
Z00 m				
Z02 m				
Z00 R01 m				
Z00 R02 m				
Z00 R03 m				
Z02 R01 m				
Z02 R02 m				
Z02 R03 m				



LOG_SAMPLES_ 2023 | 10 | 09 _STATION- 0 8 9 _TARDIS-SCP-SS

OPERATOR(S) MH

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)
ZOO m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.
ZOO m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.
ZOO m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.
ZOO m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 2h$ min.
ZOO m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 3h$ min.			
ZOO m		[] 1L <input checked="" type="checkbox"/> 2L L	[] 60' [] 120' $\approx 2h$ min.			



LCMS

Depth		COMMENTS
Z00	R01	We used 1L LCMS water instead of 2 for the blanks because not enough stocks.
Z00	R02	
Z00	R03	
Z00	R04	
Z00	R05	
Z00		



YYYY	MM	DD	#	#	#
LOG_SAMPLES_	2023	10	09	_STATION-	0 8 9 _W-LAB-142-SS-2
OPERATOR(S)	MH				

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	 112555665	[] 16L L	[] 30 min.	 M112555680 MB033-SS-1	[] 16L L	[] 30 min.
Z00 R02 m	 112555666	[] 16L L	[] 30 min.	 M112555681 MB033-SS-2	[] 16L L	[] 30 min.
Z00 m	 112555667	[] 16L 4 L	[] 30 10 min.	 M112555682 MB033-SS-3	[] 16L 4 L	[] 30 10 min.
Z02 R01 m	###-Z02 MB320-SS-1	[] 16L L	[] 30 min.	###-Z02 MB033-SS-1	[] 16L L	[] 30 min.
Z02 R02 m	###-Z02 MB320-SS-2	[] 16L L	[] 30 min.	###-Z02 MB033-SS-2	[] 16L L	[] 30 min.
Z02 m	###-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	We used 4L of MillQ water for the blanks instead of 250 mL	
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	09	_STATION-	0 8 9	_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	 112499084	 112499124	 112499192	 112506731	 112506733	 112506735	
Z00 R02 m	 112499085	 112499125	 112499193	 112506732	 112506734	 112506736	
Z00 R03 m	 112499086	 112499126	 112499194	Glycine-betaine pre aliquot at 4°C	PFA pre aliquot at -20°C	Glutaraldehyde pre aliquot at - 20°C	
Z00 R04 m	 112499087	 112499127	Glycerol pre aliquot - RT				
Z00 R05 m	 112499088	 112499128		DGAS* 12 mL extainer +4°C	DGAS* 12 mL extainer +4°C	DGAS* 12 mL extainer +4°C	
Z00 R06 m	 112499089	 112499129		 112507097	 112507100	 112507103	
Z00 R07 m	 112499090	 112499130		 112507098	 112507101	 112507104	
Z00 R08 m	 112499091	 112499131		 112507099	 112507102	 112507105	
Pre aliquot	No pre aliquot	Glycerol pre aliquot - 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 m	 112555749	[] 30L	[] 30		=> Collect filtrate for SS protocol onland : V<0.45		
Z02 m	###-Z02 eDNA	[] 30L	[] 30				



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	#	#	#		
LOG_SAMPLES_	2023	10	09	_STATION-	0	8	9	_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 L	08 : 34	09 : 29	112506776	112506777
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	112506778	112506779			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					



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



YYYY	MM	DD	#	#	#
LOG_SAMPLES_	2023	10	09	_STATION-	0 8 9 _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. 0.35 2. 0.26 3. 0.46	 112555605	1080 mL	N°: XX029 Weight: 37,063		
Z02 m	1. 2. 3.	TRIPLECTES 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	 112499016	[] 30' [] 40' 20 max min	
Z00 m	 112555606	2160 mL	Z00 R02 m	###-Z00 HP-2	[] 30' [] 40' max min	
Z02 m	###-Z02 PA	mL	Z00 R03 m	###-Z00 HP-3	[] 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	 112555607	2160 mL	N°: XX159 Weight: 36,093	 112555610	1080 mL	N°: XX338 Weight: 36,871
Z00 R02 m	 112555608	1080 mL	N°: XX025 Weight: 37,602	 112555611	1080 mL	N°: XX061 Weight: 36,650
Z00 R03 m	 112555609	1080 mL	N°: XX171 Weight: 37,164	 112555621	1000 mL	N°: XX381 Weight: 36,972
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



YYYY MM DD # # #
 LOG-SAMPLES_ 2023 10 09 _STATION- 0 8 9 _S-LAB-NET-20

OPERATOR(S) S7

Net 20 μm

Decknet
 Deployed at sea

SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input type="checkbox"/> 1600 mL	Aliquots vol. <input type="checkbox"/> 200 mL				
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)	
S20 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 450 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 450 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 Pre aliquoted PFA+GLUTA store at -20°C		<input checked="" type="checkbox"/> 45 mL			<input checked="" type="checkbox"/> 45 mL		



SAMPLE SPLITTING	COMMENTS	COMMENTS
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		



YYYY	MM	DD	#	#	#
LOG-SAMPLES_	2023	10	09	_STATION-	0 8 9
OPERATOR(S)	S2		_S-LAB-NET-200		

Horizontal
WPII-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

F200
Bottle-250mL
+
borax/formol
RT >10°C

Barcode

Fraction of
total volume

Aliquot
Volume (mL)



112555628

[] 250 mL

[] 1 (100%)

SAMPLE
SPLITTING

COD-END #2

Total volume
[] 1600 mL

Aliquots vol.
[] 200 mL

S200
Cryo-5mL
LN2 #1



112499019

Fraction of
total volume

Aliquot
Volume (mL)

Barcode

Fraction of
total volume

Aliquot
Volume (mL)



112499020

[] 1/8

[] 200 mL
150mL
X] 15 mn

[] 200 mL
150mL
X] 15 mn

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



112555645

[] 1/8

[] 200 mL
150mL
X] 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_ 2023 | 10 | 09 _STATION_ 0 8 9 _S-LAB-NET-680
 OPERATOR(S) SZ

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL	Fraction of total volume	Bottle volume (mL)	Total volume [] 1600 mL	Fraction of total volume	Aliquot Volume (mL)
PROTOCOLS	Barcode			Barcode		
F680 Bottle-250mL RT >10°C + Borax/Formol	 112555629	[] 50 % [] 100 %	[] 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				 112555630	[] 50 % [] 100 %	[] 50 mL <input checked="" type="checkbox"/> 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
<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>		