



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 06 27 _STATION- 0 4 2 _W-LAB-142-1
 OPERATOR(S) JOB

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 9 L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L 7 L
Z00 R02 m			[] 20L [] 50L 9 L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L 9 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 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 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 18 L	[] 15' <input checked="" type="checkbox"/> 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L 18 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_ YYYY MM DD # # # _STATION- # # # _DECK-BGC
 OPERATOR(S)

2023 06 27 042
 LO

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_ _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		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z00 R05 m		<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.			
Z00 m		<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.			



LCMS

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



LOG_SAMPLES_

YYYY	MM	DD
2023	06	22

 _STATION-

#	#	#
0	4	2

 _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 m		[] 16L 22 L	[] 30 31 min.		[] 16L 22 L	[] 30 31 min.
Z00 R02 m		[] 16L L	[] 30 min.		[] 16L L	[] 30 min.
Z00 m		[] 16L 250 mL	[] 30 2 min.		[] 16L 250 mL	[] 30 2 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		
Z00	R02		
	m		
Z00	R03		
	m		
Z02	R01		
	m		
Z02	R02		
	m		
Z02	R03		
	m		
Depth	COMMENTS LCMS		
Z00			
	m		
Z02			
	m		



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) KB

2023 06 27 0 4 2

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 m		[] 30L 35 L	[] 30 min. 30 min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02 m	###-Z02 eDNA	[] 30L L	[] 30 min. 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
 2023 06 27 042
 OPERATOR(S) HB


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 70 L	06:00	06:50	 112497221	 112497222
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	 112557963	 112557964
Z02 m	### Z02 FM5-1	### Z02 FM5-2

*pre-aliquoted 5 mL PFA/GLUT
store at -20°C






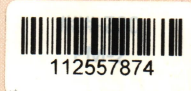



* pre-aliquoted Glycine betaine
store at 4°C



Depth	COMMENTS SG5
Z00 R01 m	
Z00 R02 m	
Depth	COMMENTS FM5
Z00 R01 m	 SERVICE STATION
Z00 R02 m	WE GIVE HALF OF THE SAMPLE TO THE AML INSTEAD OF COLLECTING 150ml we COLLECTED <u>525ml</u> IN TOTAL
	525ml → 270 FOR AML ↘ 270 FOR US → FMS-1 → FMS-2 ↘ SG5-1 → SG5-2



LOG_SAMPLES_ **2023** **06** **27** _STATION- **0 4 2** _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. 1.47 2. 2.21 3. 1.58		###-Z00 PM-CTRL	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	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	 112497150	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	[] 30' [] 40' 400ml max min
Z00 m	 112557872	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R02 400ml 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
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	 112557873	[] 65 [] 135 400ml [] 270 [] 635 [] 1080 [] 2270	N°: TR260 Weight: 37.317		 112557984	N°: TR111 TR39 Weight: 37.123 37.630
Z00 R02 m	 112557874	[] 65 [] 135 400ml [] 270 [] 635 [] 1080 [] 2270	N°: TR272 Weight: 36.852	 112557877	[] 65 [] 135 400ml [] 270 [] 635 [] 1080 [] 2270	N°: TR222 Weight: 36.375
Z00 R03 m	 112557875	[] 65 [] 135 400ml [] 270 [] 635 [] 1080 [] 2270	N°: TR10 Weight: 36.678	 112557878	[] 65 [] 135 400ml [] 270 [] 635 [] 1080 [] 2270	N°: TR219 Weight: 37.406
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		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S) D.D.

Net 20 μ m

Decknet
 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)
---------	--------------------------	---------------------	---------	--------------------------	---------------------

S20
Cryo-5mL
LN2 #1



1/8
 200 mL
 15 mn



200 mL
 1/8
 15 mn

FCAM20
Bottle-250mL
LIVE



1/8
 200 mL

E20
Falcon-15mL
+ 15mL ETOH
FRZ -20°C



1/8
 200 mL

S20-L
Falcon-5mL
FRZ -20°C
+ 5 mL
NucleoProtect



1/8
 200 mL
 15 mn

MB20
Vial-4mL
FRZ -20°C



1/8
 200 mL

FM20
Falcon-50mL
FRG +4°C
Prealiquoted
PFA+GLUTA
store at -20°C




45 mL



45 mL



	COMMENTS	COMMENTS
SAMPLE SPLITTING	a lot of big particles while we did filtered on 20-200µm	Contamination of the 2000 filtered by sea water.
PROTOCOLS		fraction 20-200µm with some particles < 2000µm.
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-20

023 06 27 0 4 2

OPERATOR(S) D.D.

→ bis
(no carbonization)
(2000 ppm)

Net 20 μ m

Decknet
 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)
S20 Cryo-5mL LN2 #1		[] 1/8 <i>150ml</i>	[] 200 mL [] 15 mn		[] 1/8 <i>200ml</i>	[] 200 mL [] 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 [] 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	from "bis"	
FCAM20 Bottle-250mL LIVE	from "bis"	
E20 Falcon-15mL FRZ -20°C	from "bis"	
S20-L Falcon-5mL FRZ -20°C	from "bis"	
MB20 Vial-4mL FRZ -20°C	from "bis"	
FM20 Falcon-50mL FRG +4°C	from "bis"	



LOG-SAMPLES_ YYYY MM DD # # #
 LOG-SAMPLES_ 2023 06 27 _STATION- 0 4 2 _S-LAB-NET-200
 OPERATOR(S) D.D.

<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	 112557885	<input type="checkbox"/> 1 (100%)	<input checked="" type="checkbox"/> 250 mL			
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)
● S200 Cryo-5mL LN2 #1	 112497153	1/8 100ml	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn	 112497154	<input type="checkbox"/> 1/8 100ml	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	 112557886	<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <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		



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-680

OPERATOR(S) g.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 % [] 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					[] 50 % [] 100 % 250ml	[] 200 mL [] 400 mL [] 600 mL [] 800 mL [] 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		