



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _MERCURY

OPERATOR(S) START UTC (HH:MM) END UTC (HH:MM)

2023 05 13 0 1 8 M.G. 13:48

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m		Tara 021	3000 mL	Tara

Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	f.THg 40-mL glass bottle FRG +4°C
Z00 m	Same barcode Z00 THg Than p.MeHg	Tara 022	3190 mL	

Depth	uf.THg 40-mL glass bottle RT
Z00 m	



Depth	COMMENTS
200 m	



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 05 13 _STATION- 0 1 8 _W-LAB-142-1
 OPERATOR(S) OB (c)

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 7 L	[] 15' [] 60' 13 min.		[] 10L [] 20L 5 L
Z00 R02 m			[] 20L [] 50L 12 L	[] 15' [] 60' 13 min.		[] 10L [] 20L 5 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 30 L	[] 15' [] 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 16 } 30 14 } L	[] 15' [] 60' 28+10 } 60 22 } min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60' min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	13 min filtration + 3/4 min purge Δ pb with the pump
Z00 R02 m	13 min filtration + 3/4 min purge
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meter for filtration P320 - P023 I just looked at the marks on the 50L canboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	28 min first filtration + 10 min to collect and change filter ⇒ 38 min
Z02 m	



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

OPERATOR(S)

2023 05 13 018

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 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			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _TARDIS-SCP

OPERATOR(S)

2023 03 13 01 8

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		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R02 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R03 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00	R04 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z02	R01 m	###-Z02 PPL-1	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-1	[] 1L [] 2L L	[] 60' [] 120' min.
Z02	R02 m	###-Z02 PPL-2	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-2	[] 1L [] 2L L	[] 60' [] 120' min.
Z02	R03 m	###-Z02 PPL-3	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-3	[] 1L [] 2L L	[] 60' [] 120' min.
Z02	R04 m	###-Z02 PPL-4	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-4	[] 1L [] 2L L	[] 60' [] 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 05 13 _STATION- 0 1 8 _S-LAB-OTHER

OPERATOR(S) E (AL)

Depth	Replicates	HC-6 Cryo-5mL LN2 #1	HC-6 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				Glycerol betain prealiquot - RT	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00	R04 m			Glycerol prealiquot - RT			
Z00	R05 m						
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
Prealiquot		Glycine betaine prealiquot at RT	No prealiquot				
Depth Replicate		eDNA Waters capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00	m		[] 30L	[] 30	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	m	###-Z02 eDNA	[] 30L	[] 30			



Depth	Replicate	COMMENTS
Z00	R01	For KC-G : 4 mL instead of 3 mL
	m	
Z00	R02	
	m	
Z00	R03	
	m	
Z00	R04	
	m	
Z00	R05	
	m	
Z00	R06	
	m	
Z00	R07	
	m	
Z00	R08	
	m	
Z00	edNA	11h53 - 12h25, 15L env. -



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-DECKNET-5

OPERATOR(S) E (AL)

2023 05 13 01 8

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	13:25	15:01		
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		
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



LOG_SAMPLES_ **2023** | **05** | **13** | _STATION- **0** | **1** | **8** | _S-LAB-25-1

OPERATOR(S) | **MC** |

YYYY MM DD # # #

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0,59 2. 0,52 3. 0,41		###-Z00 PM-CTRL	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	
Z02 m	1. 2. 3.		###-Z02 PM-CTRL	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <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"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270				
Z02 m	###-Z02 PA	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <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"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TA549 Weight: 37,937		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA684 Weight: 37,544
Z00 R02 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA634 Weight: 38,602		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA599 Weight: 37,897
Z00 R03 m		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: PA589 Weight: 37,883		<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input checked="" type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: TA501 Weight: 38,272
Z02 R01 m	###-Z02 PM-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-1	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-2	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270	N°: Weight:	###-Z02 FOI-3	<input type="checkbox"/> 65 <input type="checkbox"/> 135 <input type="checkbox"/> 270 <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_ _STATION- _S-LAB-25-2
 OPERATOR(S)

Depth	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)
Z00 R01 m		[] 65 [] 135 [] 270 [] 635 ■ 1080 [] 2270	■ 30' [] 40' max 25 min
Z00 R02 m	###-Z00 HP-2	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	[] 30' [] 40' max min
Z00 R03 m	###-Z00 HP-3	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	[] 30' [] 40' max min
Z02 R01 m	###-Z02 HP-1	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	[] 30' [] 40' max min
Z02 R02 m	###-Z02 HP-2	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	[] 30' [] 40' max min
Z02 R03 m	###-Z02 HP-3	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	[] 30' [] 40' max min

TRIPPLICATES ONCE A MONTH



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

OPERATOR(S) MC / MG

Net 20 µm

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
132 mL
 15 mn



1/8

200 mL
139 mL
 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		
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 # # # #
 2023 05 13 _STATION- 0 1 8 _S-LAB-NET-200
 OPERATOR(S) MC

Horizontal
WP11-200

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 500 mL	too much material. I put the collected material in a 500ml bottle.		
SAMPLE SPLITTING	COD-END #2	Total volume	Aliquots vol.			
		<input checked="" 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="checkbox"/> S200 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 12 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 13 mL <input checked="" type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 13 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) MC / TG

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 %	[] 200 mL [] 400 mL [] 600 mL [] 800 mL <u>57 mL</u> [] 15 mm

