



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY
 2023 08 21 0 6 6
 OPERATOR(S) M. G. START UTC (HH:MM) END UTC (HH:MM)

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 043	2160 mL	
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	###-Z00 p.THg 112556426	Tara 044	2045 mL	
Depth	uf.THg 40-mL glass bottle RT			
Z00 m				



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _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 11 L	[] 15' [] 60' 13 min.		[] 10L [] 20L 11 L
Z00 R02 m			[] 20L [] 50L 11 L	[] 15' [] 60' 13 min.		[] 10L [] 20L 11 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 27 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			[] 20L [] 50L 17 } 37 20 } 37 L	[] 15' [] 60' 25+5 30 min. } 60 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
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meter I just look at marks on the carboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	25 min fast filtration + 5 min to collect and change filters ⇒ 30 min
Z02 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			



LOG_SAMPLES_ _STATION- _TARDIS-SCP

OPERATOR(S)

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		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'
Z00 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'
Z00 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'
Z00 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120'
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'	###-Z02 HLB-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'	###-Z02 HLB-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'	###-Z02 HLB-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'
Z02 R04 m	###-Z02 PPL-MQW-pH2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'	###-Z02 HLB-MQW	<input type="checkbox"/> 1L <input type="checkbox"/> 2L	<input type="checkbox"/> 60' <input type="checkbox"/> 120'
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 m		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
Z02 m	###-Z02 MB320	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.	###-Z02 MB033	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.



Depth		COMMENTS
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_ YYYY MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) E. BOSS

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 DGAS-1	###-Z00 DGAS-4	###-Z00 DGAS-7
Z00 R07 m				###-Z00 DGAS-2	###-Z00 DGAS-5	###-Z00 DGAS-8
Z00 R08 m				###-Z00 DGAS-3	###-Z00 DGAS-6	###-Z00 DGAS-9
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		X 30L L	[] 30 32 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	



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



LOG_SAMPLES_

YYYY	MM	DD
2023	08	21

 _STATION-

#	#	#
0	6	6

 _S-LAB-25-1

OPERATOR(S) | Z.H.

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 7.21 2. 7.18 3. 7.08	###-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	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 112495803 200ml [] 30' [] 40' 1.21' max min		
Z00 m	112556324	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R02 m	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 ###-Z00 HP-2 [] 30' [] 40' max min		
Z02 m	###-Z02 PA	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R03 m	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 ###-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	112556325	200 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR167 Weight: 37,182	112556330	200 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR216 Weight: 36,698
Z00 R02 m	112556326	200 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR25 Weight: 37,115	112556329	200 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR262 Weight: 36,951
Z00 R03 m	112556327	200 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR13 Weight: 37,392	112556328	200 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR37 Weight: 37,714
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		



YYYY MM DD # # #
 LOG-SAMPLES_ 2023 08 21 _STATION- 0 6 6 _S-LAB-NET-20
 OPERATOR(S) Z.H.

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
80 mL
 15 mn



[] 1/8

200 mL
80 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
80 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 # # # _STATION- # # # _S-LAB-NET-200
 2023 08 21 066
 OPERATOR(S) E.M.

**Horizontal
WP11-200**

**SAMPLE
SPLITTING**

COD-END #1

PROTOCOLS

Barcode

**Aliquot
Volume (mL)**

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



[] 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



[] 1/8

[] 200 mL
40 mL
[] 15 mn



[] 1/8

[] 200 mL
40 mL
[] 15 mn

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



[] 1/8

[] 200 mL
40 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_ _STATION- _S-LAB-NET-680

OPERATOR(S)

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL		Bottle volume (mL)	Total volume [] 1600 mL	Fraction of total volume	Aliquot Volume (mL)
PROTOCOLS F680 Bottle-250mL RT >10°C + Borax/Formol	Barcode  112556339		[] 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				 112556336		[] 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		