



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY
2023 08 25 0 6 8
 OPERATOR(S) M.G

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	Filtration time	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m		031	2348 mL	15 min	+ 1ml of HCL
Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	Filtration time	f.THg 40-mL glass bottle FRG +4°C
Z00 m	###-Z00 p.THg 112 556 557	032	2320 mL	14 min	
Depth	uf.THg 40-mL glass bottle RT				
Z00 m					



Depth	COMMENTS
Z00 m	



LOG_SAMPLES_ 2023 08 25 _STATION- 068 _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>12</u> L	[] 15' [] 60' <u>13</u> min.		[] 10L [] 20L <u>12</u> L
Z00 R02 m			[] 20L [] 50L <u>12</u> L	[] 15' [] 60' <u>13</u> min.		[] 10L [] 20L <u>12</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>24</u> L	[] 15' [] 60' <u>60</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>14</u> } <u>30</u> <u>16</u> } L	[] 15' [] 60' <u>25</u> + <u>5</u> <u>30</u> min.	} <u>60min</u>	
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60' min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	13min filtration + 3/4 min purge.
Z00 R02 m	''
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meters I just look at marks on the can boy
Z02 m	
Depth	COMMENTS S###L
Z00 m	25 min fast filtration + 5 min to collect and change filters ⇒ 30 min
Z02 m	



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 08 25 _STATION- 0 6 8 _DECK-BGC
 OPERATOR(S) JUF

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 08 25 _STATION- 068 _TARDIS-SCP
 OPERATOR(S) JULF

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 <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'
Z00 R02 m		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'
Z00 R03 m		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'
Z00 R04 m		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'		[] 1L <input checked="" type="checkbox"/> 2L	[] 60' <input checked="" type="checkbox"/> 120'
Z02 R01 m	###-Z02 PPL-1	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-1	[] 1L [] 2L	[] 60' [] 120'
Z02 R02 m	###-Z02 PPL-2	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-2	[] 1L [] 2L	[] 60' [] 120'
Z02 R03 m	###-Z02 PPL-3	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-3	[] 1L [] 2L	[] 60' [] 120'
Z02 R04 m	###-Z02 PPL-4	[] 1L [] 2L	[] 60' [] 120'	###-Z02 HLB-4	[] 1L [] 2L	[] 60' [] 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	[] 16L	[] 30 min.	###-Z02 MB033	[] 16L	[] 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	



YYYY MM DD # # #
 LOG_SAMPLES_ 2023 | 08 | 25 _STATION- 0 | 6 | 8 _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						
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT				
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		30L 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) E. BOSS

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	14 : 46	15 : 44 - stop pump 16 : 34 filtration end	 112496075	 112496074
Z02 m	[] 100 L L	:	:	### Z02 SG5-1	### Z02 SG5-2
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C			
Z00 m	 112556512	 112556513			
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			


YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
2023 08 23 08 00 _STATION- 067 _SML E. BOSS

Water Collection		Number of dips: 10		Volume Collected (L) 600ml		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments	
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	### 112495938	### 112495939		Calm	
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	## 112495929	# 112495930	# 112495931		
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	## 112495932	# 112495933 2	### 112495934	~ 180ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### 112495935	### 112495936 2	## 112495937	~ 180ml	

YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
2023 08 23 14 45 _STATION- 068 _SML E. BOSS

Water Collection		Number of dips: 10		Volume Collected (L) 600ml		
Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments	
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)	### 112496081	### 112496080 2		calm calm	
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	# 112495992	# 112495993	# 112495994 3	calm	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### 112495983	### 112495984 2	### 112495985 3	~ 190ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	## 112495980	# 112495981	# 112495982	~ 190ml	





YYYY MM DD # # #
 LOG_SAMPLES_ **2023** | **08** | **25** | _STATION- **0** | **6** | **8** | _S-LAB-25-1
 OPERATOR(S) | **Z.M.**

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0.53 2. 0.52 3. 0.54		###-Z00 PM-CTRL	1080 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	 112495960	1080 mL	[] 30' [] 40' 17' max min
Z00 m	 112556481	1080 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	 112556482	1080 mL	N°: TR161 Weight: 37,610	 112556485	1080 mL	N°: TR16 Weight: 37,156
Z00 R02 m	 112556483	1080 mL	N°: TR114 Weight: 37,751	 112556486	1080 mL	N°: TR181 Weight: 36,911
Z00 R03 m	 112556484	1080 mL	N°: TR130 Weight: 37,409	 112556487	1080 mL	N°: TR217 Weight: 36,921
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** **08** **25** _STATION- **0** **6** **8** _S-LAB-NET-20
 OPERATOR(S) **Z.H.**

		Net 20 μ m		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. <input checked="" 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 checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input 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 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 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) Z.H.

**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



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



1/8

200 mL
40mL
 15 mn



1/8

200 mL
40mL
 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			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 %	[●] 40 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