



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_MERCURY  
 2023 09 05 0 7 4  
 OPERATOR(S) MG

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	 112556985	039	2260 mL	17'46" min	 112556986	+ 1mL HCL
Z00 m	<del>###-Z00</del> p.THg 112556985	040	2180 mL	14'37" min	 112556987	
Depth	uf.THg 40-mL glass bottle RT					
Z00 m	 112556988					

40-ml glass  
bottle  
RT  
of 198





LOG\_SAMPLES\_ 2023 09 05 \_STATION- 074 \_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	112496199	112496200	[ ] 20L [ ] 50L <u>11</u> L	[ ] 15' [ ] 60' <u>13</u> min.	112496202	[ ] 10L [ ] 20L <u>11</u> L
Z00 R02 m	112496203	112496201	[ ] 20L [ ] 50L <u>11</u> L	[ ] 15' [ ] 60' <u>13</u> min.	112496204	[ ] 10L [ ] 20L <u>11</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	112496205	112496206	[ ] 20L [ ] 50L <u>20</u> L	[ ] 15' <input checked="" type="checkbox"/> 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 <b>+ 10 mL Nucleoprotect</b>	S023-L 15mL falcon -20°C <b>+ 10 mL Nucleoprotect</b>	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m	112556758	112556759	[ ] 20L [ ] 50L <u>17</u> <u>15</u> } <u>32</u> L	[ ] 15' [ ] 60' <u>30+5</u> <u>25</u> min. } <u>60</u>		
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	11
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meter . I just look at mark on the carboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	30 min fast filtration + 5min to collect and change filters
Z02 m	





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC

OPERATOR(S)   

2023 08 06 07 4

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					###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-Z02 SAL
	+ 150 µl HCl			+ 300 µl HgCl <sub>2</sub>	
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		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.
Z00 R02 m		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.
Z00 R03 m		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.
Z00 R04 m		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.		[ ] 1L [x] 2L L	[ ] 60' [x] 120' min.
Z02 R01 m	###-Z02 PPL-1	[ ] 1L [x] 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 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		[ ] 16L 14 L	[ ] 30 ≈ 14 min.		[ ] 16L 14 L	[ ] 30 ≈ 14 min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 16L L	[ ] 30 min.





Depth		COMMENTS
Z00	R01 m	MB320: filter is broken
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	





LOG\_SAMPLES\_ 2023 09 05 \_STATION- 0 7 4 \_S-LAB-OTHER

OPERATOR(S) E. Boss

YYYY MM DD # # #

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						
<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT				
<b>Depth Replicate</b>	<b>eDNA Watera capsule RT</b>	<b>Filtration Volume (Litres)</b>	<b>Filtration Duration (minutes)</b>	<b>+ 50 mL of buffer</b>	<b>&lt; 0.45 µm</b>	
Z00 m		<input checked="" type="checkbox"/> 30L	<input type="checkbox"/> 30 min. <b>33</b> min.		=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-Z02 eDNA	<input type="checkbox"/> 30L	<input type="checkbox"/> 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\_   
 YYYYYY MM DD

\_STATION-  # # #


OPERATOR(S)

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 35 L	14:49	15:48 16:44	112498375 <i>fresh for cryo</i>	112498376
Z02 m	[ ] 100 L L	:	:	### Z02 SG5-1 <i>fresh filtration</i>	### Z02 SG5-2
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C			
Z00 m	112556952	112556953			
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	
Z00	R02 m	



	YYYY	MM	DD	HH	MM	# # #	OPERATOR(S) INITIALS
	2023	09	09	13	07	073	E. Boss
						_STATION-	_SML

Water Collection	Number of dips:	12	Volume Collected (L)	0.6	
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)	# 112498265	# 112498272		Wildy
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	# 112498266	# 112498267	# 112498268	15ml ↓ 15ml
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	# 112496237	# 112496238	# 112496239	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	# 112496234	# 112496235	# 112496236	

YYYY	MM	DD	HH	MM	# # #	OPERATOR(S) INITIALS
2023	09	05	15	00	074	E. Boss
					_STATION-	_SML

Water Collection	Number of dips:	14	Volume Collected (L)	0.73	
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)	# 112498409	# 112498408		20ku wilds
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	# 112498354	# 112498355	# 112498356	†  Done  170ml
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	# 112498319	# 112498320	# 112498321	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	# 112498316	# 112498317	# 112498318	





Down

5053 00 02 12 00 050

5053 0002

0.53

E-1002

120ms  
120ms

9053 00 03 13 05 053

0.53

0.53

E-1002





LOG\_SAMPLES\_ 2023 09 05 \_STATION- 0 7 4 \_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. 0.62 2. 0.67 3. 0.58	###-Z00 PM-CTRL	mL	N°: Weight:
Z02 m	1. 2. 3.	<b>TRIPPLICATES ONCE A MONTH FOR HP</b>	HP Cryo-2mL LN2 #2	Filtration Volume (mL)  Filtration Duration (minutes)
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	[ ] 30' [ ] 40' max min <b>16'</b>
Z00 m		<b>1080</b> 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		<b>1080</b> mL	N°: <b>TR188</b> Weight: <b>37,451</b>	 <b>1080</b> mL N°: <b>TR253</b> Weight: <b>36,298</b>
Z00 R02 m		<b>1080</b> mL	N°: <b>TR185</b> Weight: <b>36,788</b>	 <b>1080</b> mL N°: <b>TR59</b> Weight: <b>37,102</b>
Z00 R03 m		<b>1080</b> mL	N°: <b>TR33</b> Weight: <b>36,720</b>	 <b>1080</b> mL N°: <b>TR243</b> Weight: <b>36,205</b>
Z02 R01 m	###-Z02 PM-1	mL	N°: <del>FR253</del> Weight: <del>36,298</del>	###-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		





LOG-SAMPLES\_    \_STATION-    \_S-LAB-NET-20

OPERATOR(S)

Net 20  $\mu$ m

Decknet  
 Deployed at sea

SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 [ ] 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. [ ] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="radio"/> 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		<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 80 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		
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.N.

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



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  
*20 mL*  
 15 mn



1/8

200 mL  
*10 mL*  
 15 mn

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



1/8

200 mL  
*10 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)
<b>F680</b> Bottle-250mL RT >10°C + <b>Borax/Formol</b>		<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
<b>F2000</b> Bottle-250mL RT >10°C + <b>borax/formol</b>	### EPI F2000	hand-picked #ind=	<input type="checkbox"/> 250 mL			
<b>S680-L</b> Falcon-5mL FRZ -20°C + 5mL <b>Nucleoprotect</b>					<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input type="checkbox"/> 60 mL <input type="checkbox"/> 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		