



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_MERCURY

2023 06 20 037

OPERATOR(S) DC START UTC (HH:MM) 06:00 END UTC (HH:MM) 07:00

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 015	1640 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 112557385	Tara 016	1680 mL	

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



Depth	COMMENTS
Z00  m	



LOG\_SAMPLES\_    \_STATION-    \_W-LAB-142-1

OPERATOR(S)

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	112496914	112496915	[ ] 20L [ ] 50L 12 L	<input checked="" type="checkbox"/> 15' [ ] 60' min.	112496918	[ ] 10L [ ] 20L L
Z00 R02 m	112496916	112496917	[ ] 20L [ ] 50L 12 L	<input checked="" type="checkbox"/> 15' [ ] 60' min.	112496919	[ ] 10L [ ] 20L 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	112496920	112496921	[ ] 20L [ ] 50L 20 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	112557450	112557451	[ ] 20L [ ] 50L 20 L	[ ] 15' <input checked="" type="checkbox"/> 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L 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

2023 06 20 037

OPERATOR(S) GB

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					
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	TOC FROM NISKIN ORDER: NUT-1,2; DOC-1,2,3; DOM-1,2,3; NUT-3 1 FILTER (MINISART 0,22 PPS)		
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\_ **2023** **06** **20** \_STATION- **037** \_TARDIS-SCP  
 OPERATOR(S) **GB**

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 L	[ ] 60' [ ] 120' <b>135</b> min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>136</b> min.
Z00 R02 m		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>138</b> min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>136</b> min.
Z00 R03 m		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>134</b> min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>137</b> min.
Z00 R04 m		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>136</b> min.		[ ] 1L <input checked="" type="checkbox"/> 2L L	[ ] 60' [ ] 120' <b>136</b> 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 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 <b>17</b> L	[ ] 30 <b>23</b> min.		[ ] 16L <b>17</b> L	[ ] 30 <b>23</b> min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 16L L	[ ] 30 min.



Depth		COMMENTS
Z00	R01	EXTRACTION STARTED 1:30h AFTER FILTRATION (PPL CARTRIDGES WERE STILL FROZEN)
	m	- ENGINES ON DURING THE EXTRACTION
Z00	R02	- PPL-2 STOPPER FELT ON THE GROUND, CLEANED ABUNDANTLY WITH HQ
	m	- A LOT OF INSECTS AROUND WET LAB AND TARDIS INSIDE
Z00	R03	
	m	
Z00	R04	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Z02	R03	
	m	
Z02	R04	
	m	





YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023** **06** **20** \_STATION- **0** **3** **7** \_S-LAB-OTHER  
 OPERATOR(S) **Agata 3.**

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	112496965	112496973	112496989	112496981	112496985	112496987
Z00	R02 m	112496966	112496974	112496990	112496982	112496986	112496988
Z00	R03 m	112496967	112496975	112496991	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112496968	112496976	Glycerol prealiquot - RT			
Z00	R05 m	112496969	112496977		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00	R06 m	112496970	112496978		112557607	112557610	112557613
Z00	R07 m	112496971	112496979		112557608	112557611	112557614
Z00	R08 m	112496972	112496980		112557609	112557612	112557615
	<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
	<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	112557618	[ ] 30L <b>21</b> L	[ ] 30 <b>33</b> min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	m	<del>###-Z02 eDNA</del>	[ ] 30L <del>21</del> L	[ ] 30 <del>33</del> 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)

2023 06 20    0 3 7    Agata B.

Depth	DECKNET Volume (Litres)	Time start FILLING ###:##	Time end NET OUT ###:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 surface m	[ ] 100 L 90 L	06 : 35	07 : 45		
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 surface 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** **06** **20** \_STATION- **037** \_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. 1.02 2. 0.97 3. 0.82		<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°: TA550 Weight: 37,641		
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	 <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 35' max min		
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	Z00 R02 m	###-Z00 HP-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		
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	Z00 R03 m	###-Z00 HP-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		
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°: TA546 Weight: 37.310		<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°: PA 642 Weight: 37.616
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°: PA690 Weight: 37.653		<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°: TR154 Weight: 37.962
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°: TA567 Weight: 37.686		<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°: TA538 Weight: 37.079
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	Rep1 → filter get stuck in the Σ-1 filtration and get damaged. forgot to wash w/ milig all the PM	
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  
2023 06 20 0 3 7  
 OPERATOR(S) D.D.

		Net 20 $\mu$ m		<input type="checkbox"/> Decknet <input type="checkbox"/> 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)
<input checked="" type="radio"/> S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 1/8 170 ml	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8 180 ml	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		[ ] 1/8	[ ] 200 mL			
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 1/8	[ ] 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 1/8 195 ml	<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	







LOG-SAMPLES\_    \_STATION-    \_S-LAB-NET-200

OPERATOR(S)

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 type="checkbox"/> 1 (100%)	<input type="checkbox"/> 250 mL			
SAMPLE SPLITTING	COD-END #2	Total volume	Aliquots vol.			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
S200 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8 8ml !	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8 6ml !	<input type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input type="checkbox"/> 1/8 6ml !	<input type="checkbox"/> 200 mL <input checked="" 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		





COMMENTS

COMMENTS

SAMPLE  
SPLITTING

PROTOCOLS

F680  
Bottle-250mL  
RT >10°C

F2000  
Bottle-250mL  
RT >10°C

S680-L  
Falcon-5mL  
FRZ -20°C