



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 08 26 \_STATION- 069 \_MERCURY  
 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		TARA 041	2370 mL	16'56" min		+ 1 mL 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	<del>###-Z00</del> <del>p.THg</del> 112 556 561	TARA042	2280 mL	15'28" min		
Depth	uf.THg 40-mL glass bottle RT					
Z00 m						





Depth	COMMENTS	
200  m		





LOG\_SAMPLES\_ 2023 08 26 \_STATION- 0 6 9 \_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>11</u> L	[ ] 15' [ ] 60' <u>13</u> min.		[ ] 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			[ ] 20L [ ] 50L <u>20</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>16</u> } <u>35</u> <u>19</u> } L	[ ] 15' [ ] 60' <u>25+5</u> <u>30</u> min.	} <u>60 min</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	''
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 <sup>tr</sup> filtration + 5 min to collect and change filters
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		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	Water quite yellow/ brown → CDOM?		
Z00	R02 m	Not a lot of Plankton		
Z00	R03 m			
Z02	R01 m			
Z02	R02 m			
Z02	R03 m			





LOG\_SAMPLES\_ 2023 08 26 \_STATION- 069 \_TARDIS-SCP

OPERATOR(S) JUF

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 L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z00 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z00 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z00 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R04 m	###-Z02 PPL-4	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-4	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 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		<input checked="" type="checkbox"/> 16L L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L L	<input checked="" type="checkbox"/> 30 min.
Z02 m	###-Z02 MB320	<input type="checkbox"/> 16L L	<input type="checkbox"/> 30 min.	###-Z02 MB033	<input type="checkbox"/> 16L L	<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\_ 2023 08 26 \_STATION- 0 6 9 \_S-LAB-OTHER

OPERATOR(S) E. Bass

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 <sup>2</sup>	* + 100 µL ZnCl <sup>2</sup>	* + 100 µL ZnCl <sup>2</sup>
Depth Replicate		eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer < 0.45 µm		
Z00	m		[ ] 30L 29 L	<input checked="" type="checkbox"/> 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)

2023 | 08 | 26 | 0 | 6 | 9 | \_S-LAB-DECKNET-5  
 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	15 : 38	16 : 36 17 : 17	stop filling  112496073	 112496072
Z02 m	[ ] 100 L L	:	:	### Z02 SG5-1	### Z02 SG5-2
* Glycine-betaine pre-aliquot at 4°C					
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C			
Z00 m	 112556510	 112556511			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					





Depth		COMMENTS SG5
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Z00	R01	
	m	

Z00	R02	
	m	

Depth		COMMENTS FM5
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Z00	R01	
	m	

Z00	R02	
	m	






YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023** | **08** | **26** | \_STATION- **0** | **6** | **9** | \_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. 0.64 2. 0.55 3. 0.57			1080 mL	N°: TR215 Weight: 37,062	
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		1080 mL	[ ] 30' [ ] 40' 9' max min
Z00 m		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		1080 mL	N°: TR298 Weight: 37,521		1080 mL	N°: TR103 Weight: 37,527
Z00 R02 m		1080 mL	N°: TR153 Weight: 37,058		1080 mL	N°: TR240 Weight: 38,071
Z00 R03 m		1080 mL	N°: TR183 Weight: 37,757		1080 mL	N°: TR198 Weight: 38,765
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		





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

OPERATOR(S)

Net 20 µm

- 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. <input checked="" type="checkbox"/> 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	<input checked="" type="checkbox"/> 200 mL <input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input checked="" 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 <del><input checked="" type="checkbox"/> 15 mn</del>			
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\_    \_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



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  
*100 mL*  
 15 mn



1/8

200 mL  
*100 mL*  
 15 mn

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



1/8

200 mL  
*100 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 %	[ ] <i>100</i> 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		