



YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023** **08** **27** \_STATION- **070** \_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		035	2300 mL	22'07" 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> 112 556 565	036	2075 mL	16'47" min		
Depth	uf.THg 40-mL glass bottle RT					
Z00 m						





Depth	COMMENTS
Z00  m	





YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2023 08 27 \_STATION- 0 7 0 \_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>5</u> L	[ ] 15' [ ] 60' <u>13</u> min.		[ ] 10L [ ] 20L <u>5</u> L
Z00 R02 m			[ ] 20L [ ] 50L <u>5</u> L	[ ] 15' [ ] 60' <u>13</u> min.		[ ] 10L [ ] 20L <u>5</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>7</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>6 } 11L</u> <u>5 } 11L</u> L	[ ] 15' [ ] 60' <u>25+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	13 min filtration + 3/4 min purg
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\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC

2023 08 27 070

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 <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	Even stronger yellow colour at this station.		
Z00	R02 m	Most likely CDOM, hardly any plankton		
Z00	R03 m	Still, the filter was nearly blocked, so maybe TOC?		
Z02	R01 m			
Z02	R02 m			
Z02	R03 m			





YYYY MM DD # # #  
 LOG\_SAMPLES\_ **2023 08 27** \_STATION- **070** \_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		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'
	m		L	min.		L	min.
Z00	R02		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'
	m		L	min.		L	min.
Z00	R03		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'
	m		L	min.		L	min.
Z00	R04		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'		[ ] 1L <del>X</del> 2L	[ ] 60' <del>X</del> 120'
	m		L	min.		L	min.
Z02	R01	###-Z02 PPL-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
	m		L	min.		L	min.
Z02	R02	###-Z02 PPL-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
	m		L	min.		L	min.
Z02	R03	###-Z02 PPL-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
	m		L	min.		L	min.
Z02	R04	###-Z02 PPL-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'	###-Z02 HLB-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120'
	m		L	min.		L	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			<del>X</del> 16L	<del>X</del> 30		<del>X</del> 16L	<del>X</del> 30
	m		L	min.		L	min.
Z02		###-Z02 MB320	[ ] 16L	[ ] 30	###-Z02 MB033	[ ] 16L	[ ] 30
	m		L	min.		L	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. Bos

2023 08 27 070

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 20 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\_    \_STATION-  \_S-LAB-DECKNET-5

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 55 L	5:43	6:43 7:37 Finish filtration	112496071 <i>stop f. trials</i>	112496070
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	112556508	112556509			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
*pre-aliquoted 5 mL PFA/GLUT stored at -20°C					







YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
2023	08	26	15	45	0	6	9	EB

Water Collection		Number of dips: 10		Volume Collected (L) 0.570		
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)				Calm very	
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)					
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				~170ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~170ml	

YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
2023	08	27	05	55	0	7	0	EB

Water Collection		Number of dips: 12		Volume Collected (L) 0.12		
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)				drizzle Calm	
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)					
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				~170ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~170ml	

Sealed to have a problem w/ filtration LOG-SAMPLES\_SML\_recto\_V22032023









LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_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. 3.28 2. 3.24 3. 3.13	###-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		300 mL 2' max min	
Z00 m		300 mL	Z00 R02 m	###-Z00 HP-2	30' 40' max min	
Z02 m	###-Z02 PA	mL	Z00 R03 m	###-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		300 mL	N°: TR111 Weight: 37,697		300 mL	N°: TR223 Weight: 37,654
Z00 R02 m		300 mL	N°: TR259 Weight: 36,972		300 mL	N°: TR235 Weight: 36,702
Z00 R03 m		300 mL	N°: TR118 Weight: 37,374		300 mL	N°: TR208 Weight: 36,088
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** **24** \_STATION- **0** **7** **0** \_S-LAB-NET-20  
 OPERATOR(S) **Z.H.**

		Net 20 $\mu$ 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)
<input checked="" type="radio"/> 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\_    \_STATION-    \_S-LAB-NET-200

OPERATOR(S)

**Horizontal  
WP11-200**

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 checked="" type="checkbox"/> 250 mL			
SAMPLE SPLITTING	COD-END #2	Total volume	Aliquots vol.			
		<input type="checkbox"/> 1600 mL	<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"/> S200 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input type="checkbox"/> 1/8	<input checked="" type="checkbox"/> 200 mL <input 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





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 %	[•] 200 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