



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

OPERATOR(S) MG

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m	<del>###-Z00 p.MeHg</del>				
Z02 m	###-Z02 p.MeHg				###-Z02 f.MeHg
Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.THg 40-mL glass bottle FRG +4°C
Z00 m		# 46 124, 1 mg	3390		<del>###-Z00 f.THg</del>
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	<del>###-Z00 uf.THg</del>				
Z02 m	###-Z02 uf.THg				





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_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			<input type="checkbox"/> 20L 14 L	<input type="checkbox"/> 15 min. 14 min.		<input type="checkbox"/> 20L 14 L
Z00 R02 m			<input type="checkbox"/> 20L 14 L	<input type="checkbox"/> 15 min. 14 min.		<input type="checkbox"/> 20L 14 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02	<input type="checkbox"/> 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02-2	<input type="checkbox"/> 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			<input type="checkbox"/> 50L 30 L	<input type="checkbox"/> 60 min. 38 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. 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			<input checked="" type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. 55 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		



Depth Replicate		COMMENTS S###
Z00	R01	
	m	
Z00	R02	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Depth		COMMENTS P###
Z00		<i>filter saturated</i>
	m	
Z02		
	m	
Depth		COMMENTS S###L
Z00		<i>2 filters</i>
	m	
Z02		
	m	



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_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
		<b>+ 150 µl HCl</b>			<b>+ 300 µl HgCl<sub>2</sub></b>	
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			
		<b>+ 150 µl HCl</b>				



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\_ **2024 03 13**

# # #

\_STATION- **1 1 0** \_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		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R02		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R03		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R04		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R01	###-Z02 PPL-1	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-1	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R02	###-Z02 PPL-2	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-2	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R03	###-Z02 PPL-3	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-3	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z02 R04	###-Z02 PPL-4	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-4	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
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		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
m		L	min.		L	min.
Z02	###-Z02 MB320	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.	###-Z02 MB033	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.
m		L	min.		L	min.



Depth		COMMENTS
Z00	R01 m	MQW pH2 @ 15.3 MΩ, MQW pH7 was at 18.2 MΩ (the final cleaning step + blanks)
Z00	R02 m	The pH2 blank also @ 18.2 MΩ
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	





YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 03 13 \_STATION- 1 1 0 \_S-LAB-OTHER  
 OPERATOR(S) MARTA FURIA

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 extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
Z00	R06 m						
Z00	R07 m						
Z00	R08 m						
<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		<input type="checkbox"/> 30L	<input checked="" type="checkbox"/> 30 min.			
			40 L	min.			
Z02	m	###-Z02 eDNA	<input type="checkbox"/> 30L	<input type="checkbox"/> 30 min.			
			L	min.			



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
Z02	R01 m	###-Z02 HC-1	###-Z02 HC-G-1	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1
Z02	R02 m	###-Z02 HC-2	###-Z02 HC-G-2	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2
Z02	R03 m	###-Z02 HC-3	###-Z02 HC-G-3	###-Z02 CP-G-3	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z02	R04 m	###-Z02 HC-4	###-Z02 HC-G-4	Glycerol prealiquot - RT			
Z02	R05 m	###-Z02 HC-5	###-Z02 HC-G-5		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z02	R06 m	###-Z02 HC-6	###-Z02 HC-G-6		###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
Z02	R07 m	###-Z02 HC-7	###-Z02 HC-G-7				
Z02	R08 m	###-Z02 HC-8	###-Z02 HC-G-8				
<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>

COMMENTS



LOG\_SAMPLES\_ YYYY MM DD  
2024 03 13

\_STATION- # # #  
1 1 0 \_S-LAB-DECKNET-5

OPERATOR(S)  
 MARTA FURIA

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	100 L				
Z02	<input type="checkbox"/> 10 L				
m	L				

Depth	FM5-1* Falcon-15mL FRG +4°C	FM5-2* Falcon-15mL FRG +4°C	● SG5-1* Cryo-5mL LN2	● SG5-2* Cryo-5mL LN2
Z00				
m				
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2
m				

\*pre-aliquoted 5 mL PFA/GLUT  
store at -20°C

\* pre-aliquoted Glycine betaine  
store at 4°C



Depth	COMMENTS SG5
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Z00 R01  
m

Z00 R02  
m

Depth	COMMENTS FM5
-------	-----------------

Z00 R01  
m

Z00 R02  
m



LOG\_SAMPLES\_ YYYY MM DD  
2024 03 13

\_STATION- # # #  
1 1 0 \_PPN2-PPN2exe

OPERATOR(S) MARTA FURIA

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	08 : 25	08 : 30
Z00 m	2	08 : 25	08 : 30
Z00 m	3	08 : 25	08 : 30

Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end
Z00 m	NAT-1		1980mL	10 : 28	11 : 10
Z00 m	NAT-2		2300mL	10 : 28	11 : 01
Z00 m	NAT-3		2300mL	10 : 31	11 : 10

24h (+/- 30min) later

Filtration < 40min

Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time - start	Filtration time - end
Z00 m	PPN2-1			2300mL	13 : 50	15 : 41
Z00 m	PPN2-2			2300mL	13 : 50	14 : 17
Z00 m	PPN2-3			1580mL	13 : 50	14 : 39
	BLANK		* +100 µL ZnCl			





YYYY MM DD HH MM

2024 03 12 07 05

# # #

1 0 9

\_STATION- \_SML

OPERATOR(S) INITIALS

MARTA FURIA

Water Collection

Number of dips: 13

Volume Collected (L) 0,500L

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)				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				

YYYY MM DD HH MM

2024 03 12 07 13

# # #

1 1 0

\_STATION- \_SML

OPERATOR(S) INITIALS

MARTA FURIA

Water Collection

Number of dips: 13

Volume Collected (L) 0,500L

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)				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				







LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-25-1

OPERATOR(S) E. VEGEAY

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 0,82 2. 0,80 3. 0,66	###-Z00 PM CTRL	mL	N° Weight		
Z02	1. 2. 3.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #3	Filtration Volume (mL) Filtration Duration (minutes)		
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	###-Z00 HP-1	<input type="checkbox"/> 30 min. <input checked="" type="checkbox"/> 40 min.		
Z00	112554082	2000 mL	Z00 R02 ###-Z00 HP-2	<input type="checkbox"/> 30 min min.		
Z02	###-Z02 PA	mL	Z02 or R03 ###-Z02 HP-3	<input type="checkbox"/> 30 min 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 112554083	2000 mL	N° TE 273 Weight 36.886	112554086	2000 mL	N° TE 069 Weight 35.570
Z00	R02 112554084	2000 mL	N° TE 386 Weight 37.629	112554087	2000 mL	N° TE 158 Weight 36.920
Z00	R03 112554085	2000 mL	N° TE 153 Weight 37.493	112554088	2000 mL	N° TE 338 Weight 37.396
Z02	R01 ###-Z02 PM-1	mL	N° Weight	###-Z02 FOI-1	mL	N° Weight
Z02	R02 ###-Z02 PM-2	mL	N° Weight	###-Z02 FOI-2	mL	N° Weight
Z02	R03 ###-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\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-20

OPERATOR(S) E. LEGEAY

Net 20 µm

Decknet

Deployed at sea

SAMPLE SPLITTING # of cod-ends  1  2 Total volume  1600 mL Aliquots vol.  200 mL

PROTOCOLS Barcode Aliquot volume (mL) Filtration time Barcode Aliquot volume (mL) Filtration time

**S20**  
Cryo-5mL  
LN2 #1  
Barcode: 112500217  
Aliquot volume:  200 mL (1/8)  
Filtration time:  15 mn  
Barcode: 112500218  
Aliquot volume:  200 mL (1/8)  
Filtration time:  15 mn

**FCAM20**  
Bottle-250mL  
LIVE  
Barcode: 112554089  
Aliquot volume:  200 mL (1/8)

**E20**  
Falcon-15mL  
+ 15mL ETOH  
FRZ -20°C  
Barcode: 112554090  
Aliquot volume:  200 mL (1/8)

**S20-L**  
Falcon-5mL  
FRZ -20°C  
+ 5 mL  
NucleoProtect  
Barcode: 112554091  
Aliquot volume:  200 mL (1/8)

**MB20**  
Vial-4mL  
FRZ -20°C  
Barcode: 112554092  
Aliquot volume:  200 mL (1/8)

**FM20**  
Falcon-50mL  
FRG +4°C  
Prealiquoted  
PFA+GLUTA  
store at -20°C  
Barcode: 112554093  
Aliquot volume:  45 mL  
Barcode: 112554094  
Aliquot volume:  45 mL

**HG-20**  
Falcon-15mL  
FRZ -20°C  
Barcode: 112554095  
460



	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) E. LÉGER Y

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



100%

250 mL

%  500 mL

SAMPLE  
SPLITTING

COD-END #2

Total volume

1600 mL

PROTOCOLS

Barcode

Filtered  
volume (mL)

Filtration time

Barcode

Filtered  
volume (mL)

Filtration time

S200  
Cryo-5mL  
LN2 #1



100

15 min



100

15 min

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



150

HG-200  
Falcon-15mL  
FRZ -20°C



1200



	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\_ YYYY MM DD # # # \_STATION- \_S-LAB-NET-680

2024 03 13 1 1 0

OPERATOR(S) E. LEGEAY

Régent 680

SAMPLE SPLITTING

NET TOW n° 2

FLOWMETER 23847 26987

NET TOW n° 1

FLOWMETER Total volume 21249 23847

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 + Borax/Formol		<input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL		<input checked="" type="checkbox"/> 100 %	140 mL
		%	<input type="checkbox"/> 500 mL		%	
<b>F2000</b> Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL			
		#ind=	<input type="checkbox"/> 500 mL			
<b>S680-L</b> Falcon-5mL FRZ -20°C + 5mL Nucleoprotect						1200



COMMENTS

COMMENTS

SAMPLE  
SPLITTING

PROTOCOLS

F680  
Bottle-250mL  
RT >10°C

F2000  
Bottle-250mL  
RT >10°C

S680-L  
Falcon-5mL  
FRZ -20°C