



YYYY MM DD

LOG_SAMPLES_ **2024** **03** **07**

#

_STATION- **1** **0** **5** _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	###-Z00 p.MeHg				
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		# 43 124,6 mg	4000		###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 03 07 _STATION- 105 _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 <u>14</u> L	<input type="checkbox"/> 15 min. <u>14</u> min.		<input type="checkbox"/> 20L <u>14</u> L
Z00 R02 m			<input type="checkbox"/> 20L <u>14</u> L	<input type="checkbox"/> 15 min. <u>14</u> min.		<input type="checkbox"/> 20L <u>14</u> 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 checked="" type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. <u>55</u> 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 checked="" type="checkbox"/> 60 min. 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 m	
Z02 m	
Depth	COMMENTS S###L
Z00 m	
Z02 m	



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 03 07** _STATION- **1 0 5** _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
	+ 150 µl HCl				+ 300 µl HgCl₂	
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_ **2024 03 07** _STATION- **1 0 5** _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	112553850	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	112553854	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R02	112553851	<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.	112553855	<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R03	112553852	<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.	112553856	<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R04	112553853	<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.	112553857	<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	112553858	<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.	112553859	<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	We had to change a filter unit in the MOW system and were unable to produce sufficient MOW in time to run the MOW blanks.
	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) HARTA 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 exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		<input type="checkbox"/> 30L ~ 20 L	<input checked="" type="checkbox"/> 30 min. min.			
Z02 m	###-Z02 eDNA	<input type="checkbox"/> 30L L	<input type="checkbox"/> 30 min. 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	###-Z02 HC-1	###-Z02 HC-G-1	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1
	m						
Z02	R02	###-Z02 HC-2	###-Z02 HC-G-2	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2
	m						
Z02	R03	###-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
	m						
Z02	R04	###-Z02 HC-4	###-Z02 HC-G-4	Glycerol prealiquot - RT			
	m						
Z02	R05	###-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
	m						
Z02	R06	###-Z02 HC-6	###-Z02 HC-G-6		###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
	m						
Z02	R07	###-Z02 HC-7	###-Z02 HC-G-7				
	m						
Z02	R08	###-Z02 HC-8	###-Z02 HC-G-8				
	m						
Prealiquot		No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



LOG_SAMPLES_

YYYY	MM	DD
20 24	03	07

_STATION-

#	#	#
1	0	5

_S-LAB-DECKNET-5

OPERATOR(S)

MARJA FORIA

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	~ 90 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	 112553861	 112553862	 112494833	 112494834
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
-------	-----------------

Z00 R01
m

Z00 R02
m

Depth

COMMENTS
FM5

Z00 R01
m

Z00 R02
m



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _PPN2-PPN2exe

2024 03 07 1 0 5

OPERATOR(S) **MARTA FURIA**

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	07 : 35	07 : 40
Z00 m	2	07 : 35	07 : 40
Z00 m	3	07 : 35	07 : 40

Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end
Z00 m	NAT-1		2300ml	08 : 10	08 : 40
Z00 m	NAT-2		2300 ml	08 : 10	08 : 41
Z00 m	NAT-3		2300 ml	08 : 10	08 : 44

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			1880ml	08 : 01	08 : 43
Z00 m	PPN2-2			2300 ml	08 : 01	08 : 39
Z00 m	PPN2-3			2300 ml	08 : 01	08 : 41
	BLANK		* +100 µL ZnCl			



YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
 2024 03 05 07 56 _STATION- 104 _SML MARTA FURIA

Water Collection

Number of dips: 13

Volume Collected (L) 0,500 L

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 # # # OPERATOR(S) INITIALS
 2024 03 07 06 15 _STATION- 105 _SML 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_ **2024 03 07** _STATION- **1 0 5** _S-LAB-25-1

OPERATOR(S) **E. LEGEAY**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 1,33 2. 1,10 3. 0,92		mL	N° TE 271 Weight 37.602		
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. g min.	
Z00		1000 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		1000 mL	N° TE 384 Weight 37.529		1000 mL	N° TE 079 Weight 36.391
Z00		1000 mL	N° TE 363 Weight 37.652		1000 mL	N° TE 373 Weight 36.925
Z00		1000 mL	N° TE 309 Weight 37.377		1000 mL	N° TE 208 Weight 37.224
Z02	###-Z02 PM-1	mL	N° 1 Weight	###-Z02 FOI-1	mL	N° Weight
Z02	###-Z02 PM-2	mL	N° Weight	###-Z02 FOI-2	mL	N° Weight
Z02	###-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_ **2024 03 07**

#

_STATION- **1 0 5** _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 200 mL
Aliquots vol. 200 mL

PROTOCOLS

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

S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn
----------------------------------	--	--	---	--	--	---

FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 200 mL (1/8)				
---------------------------------------	--	---------------------------------------	--	--	--	--

E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
---	--	--	--	--	--	--

S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 200 mL (1/8) 250 mL				
--	--	---	--	--	--	--

MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
--------------------------------------	--	--	--	--	--	--

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	
---	--	---	--	--	---	--

HG-20 Falcon-15mL FRZ -20°C		360				
--	--	-----	--	--	--	--



	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
 2024 03 07 1 0 5
 OPERATOR(S) E. LEGEA Y

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



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



30

15 min



30

15 min

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



30

HG-200
Falcon-15mL
FRZ -20°C



600



	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 07 1 0 5

OPERATOR(S) E. LÉGEAY

Régent 680

SAMPLE SPLITTING	NET TOW n° 2		NET TOW n° 1			
	FLOWMETER 97831	FLOWMETER 98850	FLOWMETER 95565	FLOWMETER 97831		
	<input checked="" type="checkbox"/> 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		<input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
		%	<input type="checkbox"/> 500 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL			
		#ind=	<input type="checkbox"/> 500 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input checked="" type="checkbox"/> 100 %	50 mL
					%	
HG-680 Falcon-15mL FRZ -20°C					1500	



COMMENTS

COMMENTS

SAMPLE
SPLITTING

PROTOCOLS

F680
Bottle-250mL
RT >10°C

F2000
Bottle-250mL
RT >10°C

S680-L
Falcon-5mL
FRZ -20°C