



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 07 02** _STATION- **1 7 2** _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		#335 133,84mg	6960		###-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				



S F A

SO FO NRO%

2M

Depth	COMMENTS	
Z00 m		
	0000	133 24 m 14332



LOG_SAMPLES_ **2024 07 02** _STATION- **1 7 2** _W-LAB-142-1

OPERATOR(S) **Pedro Junger**

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			<input type="checkbox"/> 20L 13.5 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 13 L
Z00 R02			<input type="checkbox"/> 20L 13 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 13 L
Z02 R01	###-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	###-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			<input type="checkbox"/> 50L 45 L	<input type="checkbox"/> 60 min. 50 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02	###-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			<input type="checkbox"/> 50L 45 L	<input checked="" type="checkbox"/> 60 min. min.		
Z02	###-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 07 02

_STATION-

#

1 7 2

_DECK-BGC

OPERATOR(S)

GIANCARLO

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 ₂	
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	BLOOM OF SALPS		
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 07 02** _STATION- **1 7 2** _TARDIS-SCP

OPERATOR(S) **GIANCARLO**

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 type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	139 min.		L	139 min.
Z00 R02		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	139 min.		L	139 min.
Z00 R03		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	139 min.		L	139 min.
Z00 R04		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	139 min.		L	139 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 type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input type="checkbox"/> 30 min.
m		L	25 min.		L	25 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	BLOOM OF SALPS
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 07 02 _STATION- 1 7 8 _S-LAB-OTHER
 OPERATOR(S) JEREMY

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 checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 min. 20 min.			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-DECKNET-5

OPERATOR(S) JEREMY

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	18,16 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



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 07 02 _STATION- 1 7 2 _PPN2-PPN2exe
 OPERATOR(S) JEREMY

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	7 : 20	7 : 30
Z00 m	2	7 : 20	7 : 30
Z00 m	3	7 : 20	7 : 30

Depth	Natural abundance – TO	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1			4 : 17	5 : 00
Z00 m	NAT-2			4 : 17	5 : 00
Z00 m	NAT-3			4 : 17	5 : 00

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			2270	7 : 45	8 : 15
Z00 m	PPN2-2			2270	7 : 45	8 : 12
Z00 m	PPN2-3			2270	7 : 45	8 : 10

	BLANK		* +100 µL ZnCl
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YYYY MM DD HH MM # # #
 2024 07 02 06 30 _STATION- 172 _SML

OPERATOR(S) INITIALS

JEREMY

Water Collection

Number of dips: 12

Volume Collected (L) 0,7

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)		2	3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)		2		

YYYY MM DD HH MM # # #
 _STATION- _SML

OPERATOR(S) INITIALS

Water Collection

Number of dips:

Volume Collected (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-FC-1	### SML-FC-2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	### SML-CP-1	### SML-CP-2	### SML-CP-3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### SML-320-1	### SML-320-2	### SML-320-3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### SML-023-1	### SML-023-2	### SML-023-3	



LOG_SAMPLES_ 2024 07 02 _STATION- 1 7 2 _S-LAB-25-1

OPERATOR(S) LENOINE Julie

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 0,42 2. 0,43 3. 0,39	###-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 R01 m	112547249 2270 <input checked="" type="checkbox"/> 30 min. min.		
Z00	112547242	2270 mL	Z00 R02 m	###-Z00 HP-2 <input type="checkbox"/> 30 min min.		
			Z00 R03 m	###-Z02 HP-3 <input type="checkbox"/> 30 min min.		
			Z02 R01 m	###-Z02 HP <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	112547243	2270 mL	N° F18 Weight 36,611	112547247	2270 mL	N° F91 Weight 36,424
Z00 R02	112547244	2270 mL	N° F64 Weight 37,111	112547246	2270 mL	N° F12 Weight 36,330
Z00 R03	112547245	2270 mL	N° F69 Weight 37,134	112547248	2270 mL	N° F72 Weight 36,044



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		

Depth Replicate	COMMENTS PA - HP
Z00 m	
Z02 m	



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S) LENOINE Julie

		Net 20 µm		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1600 mL	<input checked="" type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
<input checked="" type="checkbox"/> 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 checked="" 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 checked="" type="checkbox"/> 200 mL (1/8) 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 type="checkbox"/> 45 mL <i>15</i>			<input type="checkbox"/> 45 mL <i>15</i>	
HG-20 Falcon-15mL FRZ -20°C		<i>530</i>				



	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 07 02 1 7 2

OPERATOR(S) LELINE Julie

**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

*We removed ~30 calps
from the samples*

**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**



150

15 min



150

15 min

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



200

**HG-200
Falcon-15mL
FRZ -20°C**



1000



	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

OPERATOR(S) LENOING Julie

Régent 680

SAMPLE SPLITTING	NET TOW n° 2		NET TOW n° 1			
	FLOWMETER 39 797	41 804	FLOWMETER 36 448	39 797		
	<input 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"/> %	<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 %	200 mL
					<input type="checkbox"/> %	
HG-680 Falcon-15mL FRZ -20°C					1600	



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C	<i>we removed ~30 culps from the samples</i>	
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		