



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

OPERATOR(S) MG

2024 07 07 1 7 5

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	<del>###-Z02 p.MeHg</del>				###-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		# 332 134,48 mg	69 60		<del>###-Z00 f.THg</del>
Z02 m	###-Z02 p.THg				<del>###-Z02 f.THg</del>
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	<del>###-Z00 uf.THg</del>				
Z02 m	<del>###-Z02 uf.THg</del>				





1 5 2 40 50 200  
M

Depth	COMMENTS	
200 m		
	02 20	# 232 13th 18 sub





LOG\_SAMPLES\_ **2024 07 07** \_STATION- **1 7 5** \_W-LAB-142-1

OPERATOR(S) **Pedro JUNGER**

YYYY MM DD

# # #

Depth Replicate	<b>S320</b> Cryo-5mL LN2 #1	<b>S023</b> 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 <b>13</b> L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L <b>13</b> L
Z00 R02 m			<input type="checkbox"/> 20L <b>14</b> L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L <b>14</b> 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	<b>P320</b> Cryo-5mL LN2 #1	<b>P023</b> Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m			<input type="checkbox"/> 50L <b>55</b> L	<input type="checkbox"/> 60 min. <b>53</b> 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	<b>S320-L</b> 15mL falcon -20°C + 10 mL <b>Nucleoprotect</b>	<b>S023-L</b> 15mL falcon -20°C + 10 mL <b>Nucleoprotect</b>	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	













LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_DECK-BGC

OPERATOR(S) **GLANCARLO**

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			
Z00	R02			
	m			
Z00	R03			
	m			
Z02	R01			
	m			
Z02	R02			
	m			
Z02	R03			
	m			





YYYY MM DD

LOG\_SAMPLES\_

2024 07 07

\_STATION-

# # #  
1 7 5

\_TARDIS-SCP-SS

OPERATOR(S)

G. VANCARLO

LCMS

Depth		PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00	R01		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min
	m		L	min		L	min
Z00	R02		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min
	m		L	min		L	min
Z00	R03		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min
	m		L	min		L	min
Z00	R04		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min
	m		L	min		L	105 min
Z00	R05		<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min			
	m		L	min			
Z00			<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min			
	m		L	105 min			





LCMS

Depth	COMMENTS
Z00 R01 m	
Z00 R02 m	
Z00 R03 m	
Z00 R04 m	
Z00 R05 m	
Z00 m	





LOG\_SAMPLES\_ **2024 07 07** \_STATION- **1 7 5** \_W-LAB-142-SS-2

OPERATOR(S) **GIANCARLO**

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 R01		<input type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min		<input type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min
m		<b>20</b> L	min		<b>20</b> L	min
Z00 R02		<input checked="" type="checkbox"/> 16L	<input type="checkbox"/> 30 min		<input checked="" type="checkbox"/> 16L	<input type="checkbox"/> 30 min
m		L	<b>20</b> min		L	<b>20</b> min
Z00		<input checked="" type="checkbox"/> 4L	<input checked="" type="checkbox"/> 10 min		<input checked="" type="checkbox"/> 4L	<input checked="" type="checkbox"/> 10 min
m		L	min		L	min
Z02 R01	###-Z02 MB320-SS-1	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min	###-Z02 MB033-SS-1	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min
m		L	min		L	min
Z02 R02	###-Z02 MB320-SS-2	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min	###-Z02 MB033-SS-2	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min
m		L	min		L	min
Z02	###-Z02 MB320-H2O	<input type="checkbox"/> 4L	<input type="checkbox"/> 10 min	###-Z02 MB033-H2O	<input type="checkbox"/> 4L	<input type="checkbox"/> 10 min
m		L	min		L	min

**COMMENTS**






Depth Replicate		COMMENTS MB320-SS	COMMENTS MB033-SS
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Z02	R01 m		
Z02	R02 m		
Z02	R03 m		
Depth	COMMENTS LCMS		
Z00	m		
Z02	m		





LOG\_SAMPLES\_ **2024 07 07** \_STATION- **1 7 5** \_S-LAB-OTHER

OPERATOR(S) **JEREMY**

YYYY MM DD

# # #

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						
<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>	eDNA Watera capsule RT	<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 <b>35</b> L	<input type="checkbox"/> 30 min. <b>24</b> 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	13,62 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





LOG\_SAMPLES\_ **2024 07 07** \_STATION- **1 7 5** \_PPN2-PPN2exe

OPERATOR(S) **JEREMY**

YYYY MM DD

# # #

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	8 : 10	8 : 16
Z00 m	2	8 : 10	8 : 16
Z00 m	3	8 : 10	8 : 16

Depth	Natural abundance – TO	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		2270	4 : 52	5 : 13
Z00 m	NAT-2		2270	4 : 52	5 : 15
Z00 m	NAT-3		2270	4 : 52	5 : 20

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			1550	8 : 36	9 : 25
Z00 m	PPN2-2			1250	8 : 36	9 : 25
Z00 m	PPN2-3			1150	8 : 36	9 : 25

	BLANK		* +100 µL ZnCl			
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QR	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	07	07	03	00	_STATION- 174 _SML			MF/TD

Water Collection		Number of dips: 9			Volume Collected (L) 0.55		
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)				150 ml		
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				150 ml		

QR	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	07	07	07	00	_STATION- 175 _SML			MF/TD

Water Collection		Number of dips: 10			Volume Collected (L) 0.6		
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)				~ 150 ml		
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~ 150 ml		





10020

test 0.1 0.1 0.1 0.0 10

10

0.0  
100W

100W

100W

test 0.1 0.1 0.3 0.0 0

10

0.22

100W





LOG\_SAMPLES\_ **2024 07 07** \_STATION- **1 7 5** \_S-LAB-25-1

OPERATOR(S) **LELINE**

YYYY MM DD # # #

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 0,51 2. 0,59 3. 0,46		200 mL	N° F05 Weight 36,430		
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	2270 <input checked="" type="checkbox"/> 30 min.
Z00		mL	Z00 R02 m	###-Z00 HP-2 <input type="checkbox"/> 30 min.		
			Z00 R03 m	###-Z02 HP-3 <input type="checkbox"/> 30 min.		
			Z02 R01 m	###-Z02 HP <input type="checkbox"/> 30 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		2270 mL	N° F33 Weight 36,235		2270 mL	N° F53 Weight 36,950
Z00 R02		2270 mL	N° T23-228 Weight 35,310		2270 mL	N° F57 Weight 36,200
Z00 R03		2270 mL	N° F30 Weight 36,537		2270 mL	N° T23-230 Weight 35,209





2 f 1 FO FO 1508  
31/10/20

Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m	207 00%	12,0 01,0 02,0 03,0
Z00 R02 m		
Z00 R03 m	OFF	

Depth Replicate	COMMENTS PA - HP
Z00 m	OFF
Z02 m	OFF
	OFF





LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-20

OPERATOR(S) LENOINE

Net 20  $\mu$ m

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
<input checked="" type="radio"/> 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>16</i>			<input type="checkbox"/> 45 mL <i>16</i>	
HG-20 Falcon-15mL FRZ -20°C		<i>520</i>				



2 51

FO 10 100

REVINE



21

21

210





LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-200

OPERATOR(S) LEMOINE

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



50

15 min



50

15 min

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



75

HG-200  
Falcon-15mL  
FRZ -20°C



1100





2 f 1

FO FO 200

3/1/20

	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)

2024 07 07

1 7 5

LEDOINE

Régent 680

SAMPLE SPLITTING	NET TOW n°		NET TOW n°		FLOWMETER	
	FLOWMETER		FLOWMETER	Total volume		
	49718	53026	46628	49718		
			<input type="checkbox"/> 1600 mL	2000 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 %	100 mL
					%	
HG-680 Falcon-15mL FRZ -20°C					1600	





2 F 1

FO FO 2503

210032

COMMENTS

COMMENTS

SAMPLE  
SPLITTING

2503  
210032

210032

210032

PROTOCOLS

F680  
Bottle-250mL  
RT >10°C

F2000  
Bottle-250mL  
RT >10°C

S680-L  
Falcon-5mL  
FRZ -20°C

Goj

210032