



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY

OPERATOR(S)

2024 07 09 1 7 7 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		<i># 328 132, 12 mg</i>	<i>6985</i>		###-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				



Depth	COMMENTS	
200 m		



LOG_SAMPLES_ **2024 07 09** _STATION- **1 7 7** _W-LAB-142-1

OPERATOR(S) **Pedro JUNGER**

YYYY MM DD

#

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	112525861	112525862	<input type="checkbox"/> 20L 11,5 L	<input checked="" type="checkbox"/> 15 min. min.	112525863	<input type="checkbox"/> 20L 11 L
Z00 R02	112525864	112525865	<input type="checkbox"/> 20L 12 L	<input checked="" type="checkbox"/> 15 min. min.	112525866	<input type="checkbox"/> 20L 12 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 m	112525867	112525868	<input type="checkbox"/> 50L 55 L	<input type="checkbox"/> 60 min. 57 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input checked="" 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	112575900	112575901	<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_ **2024 07 09** _STATION- **1 7 7** _DECK-BGC

OPERATOR(S) **GIANFRANCO**

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						
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			
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 09** _STATION- **1 7 7** _TARDIS-SCP-SS

OPERATOR(S) **GIANCARLO**

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 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min
		L	140 min		L	140 min
Z00 R02 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min
		L	140 min		L	140 min
Z00 R03 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min
		L	140 min		L	140 min
Z00 R04 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min
		L	140 min		L	113 min
Z00 R05 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min			
		L	140 min			
Z00 m		<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min			
		L	113 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 09** _STATION- **1 7 7** _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 checked="" type="checkbox"/> 16L	<input type="checkbox"/> 30 min		<input checked="" type="checkbox"/> 16L	<input type="checkbox"/> 30 min
m		L	23 min		L	23 min
Z00 R02		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min
m		18 L	28 min		18 L	28 min
Z00		<input checked="" type="checkbox"/> 4L	<input type="checkbox"/> 10 min		<input checked="" type="checkbox"/> 4L	<input type="checkbox"/> 10 min
m		L	7 min		L	7 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_ YYYY MM DD # # # _STATION- # # # _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 type="checkbox"/> 30L 32 L	<input type="checkbox"/> 30 min. 20 min.			



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

OPERATOR(S) JEREMY

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	7 : 40	7 : 44
Z00 m	2	7 : 40	7 : 44
Z00 m	3	7 : 40	7 : 44

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		2270	5 : 28	5 : 50
Z00 m	NAT-2		2270	5 : 28	5 : 51
Z00 m	NAT-3		2270	5 : 28	5 : 52

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	8 : 04	8 : 44
Z00 m	PPN2-2			2270	8 : 04	8 : 44
Z00 m	PPN2-3			2270	8 : 04	8 : 45

BLANK














* +100 µL ZnCl

	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	07	09	19	00				MF/TD

Water Collection		Number of dips:	Volume Collected (L)		
		103	0.8		
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)	 112526121	 112526122		Not on station
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	 112526123	 112526124	 112526125	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	 112526126	 112526127	 112526128	~150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	 112526129	 112526130	 112526131	~150ml

YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
2024	07	09	23	00				TD/MF

Water Collection		Number of dips:	Volume Collected (L)		
		13	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)	 112526132	 112526133		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	 112526134	 112526135	 112526136	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	 112526137	 112526138	 112526139	~150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	 112526141	 112526140	 112526142	~150ml



5120W

00 53 00 00 5051

13

0.0

EM/WT

0.0215

0.0215

not for 2 no foil

00 53 00 00 5051

103

8.0

EM/WT



YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
 2024 07 09 11 00 _STATION- 176 at place of _SML MF/TD

Water Collection		Number of dips: 14		Volume Collected (L) 0.5		
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)	# 112526088	# 112526089		Sampling w/ winds > 30 knots	
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	# 112526090	# 112526091	# 112526092	Took sample at 10:35	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	# 112526093	# 112526094	# 112526095	~150ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	# 112526096	# 112526097	### 112526098	~150ml	

YYYY MM DD HH MM # # # OPERATOR(S) INITIALS
 2024 07 09 15 00 _STATION- _SML MF/TD

Water Collection		Number of dips: 15		Volume Collected (L) 0.65		
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)	# 112526110	# 112526111		Dot on station	
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	# 112526112	# 112526113	# 112526114		
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	# 112526115	# 112526116	# 112526117	~150ml	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	# 112526118	# 112526119	# 112526120	~150ml	



200912

00 21 00 00 00 00

12

200912 10:20

200912

DTM

200912

200912

200912 10:20
200912 10:20
200912 10:20

00 11 00 00 00 00

11

200912 10:20

200912

DTM



YYYY

MM

DD

HH

MM

#

OPERATOR(S) INITIALS

2024

07

09

03

00

_STATION-

176

_SML

MF/TO

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)				~150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				~150ml

YYYY

MM

DD

HH

MM

#

OPERATOR(S) INITIALS

2024

07

09

07

00

_STATION-

177

_SML

MF/TO

Water Collection

Number of dips:

15

Volume Collected (L)

0.61

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)				Had to resample, did 10 extra dips and collected 0.4L. The SML-FC and the SML-CP were done w/ the first dips. ~150ml } Don't with mix of ~150ml } 0.1 to 0.4 1st sample 2nd sample
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)				



Handwritten notes in the top right corner, including "120mg", "100 mg", and "100 mg".

Handwritten text: 1505, 05, 06, 03, 00

Handwritten number: 12

Handwritten text: FT

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Handwritten text: 10025m

Handwritten text: 10025m

Handwritten text: 1505, 05, 06, 03, 00

Handwritten number: 10

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LOG_SAMPLES_ **2024 07 09** _STATION- **1 7 7** _S-LAB-25-1
 OPERATOR(S) **LEWINE**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 0,48 2. 0,40 3. 0,50		200 mL	N° F83 Weight 36,663		
Z02 m	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 m		2270 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 m		2270 mL	N° F29 Weight 36,762		2270 mL	N° F92 Weight 36,711
Z00 R02 m		2270 mL	N° T23-236 Weight 37,187		2270 mL	N° T23-239 Weight 37,059
Z00 R03 m		2270 mL	N° T23-222 Weight 36,055		2270 mL	N° F32 Weight 35,964



F F I

PO FO 1905

31/07/24

Depth Replicate		COMMENTS PM	COMMENTS FOI
Z00	R01 m	off	off
Z00	R02 m		
Z00	R03 m	off	off
Depth Replicate		COMMENTS PA - HP	
Z00	m	off	off
Z02	m	off	off
		off	off



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

OPERATOR(S) GENOINE

Net 20 μ m

Decknet
 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
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 15			<input type="checkbox"/> 45 mL 15	
HG-20 Falcon-15mL FRZ -20°C		400				



f f 1

80 fo 1008

2010/12

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

21

21

000



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-200

OPERATOR(S) LEWINE

**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



125



15 min



125



15 min

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



150

HG-200
Falcon-15mL
FRZ -20°C



1000



F F I

AB AD 2005

2010/10/10

	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS	182	182
S200 Cryo-5mL LN2 #1		120
S200-L Falcon-5mL FRZ -20°C		1000



LOG-SAMPLES_ YYYY MM DD # # # _STATION- _S-LAB-NET-680

OPERATOR(S) LENOING

2024 07 09 1 7 7

Régent 680

SAMPLE SPLITTING

NET TOW n° 2

FLOWMETER 68506 72116

NET TOW n° 1

FLOWMETER 64947 68506

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



100 %



250 mL

%



500 mL

F2000
Bottle-250mL
RT >10°C
+
borax/formol

EPI
F2000

hand-picked



250 mL

#ind=



500 mL

S680-L
Falcon-5mL
FRZ -20°C
+ 5mL
Nucleoprotect



100 %

%

mL

300

HG-680
Falcon-15mL
FRZ -20°C



1300



F F I

20 50 250

1/2/2019

	COMMENTS	COMMENTS
SAMPLE SPLITTING	<p>1</p> <p>250 ml</p> <p>2</p> <p>250 ml</p>	<p>250 ml</p>
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C	<p>250 ml</p>	
	<p>250 ml</p>	