



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _MERCURY

OPERATOR(S) DC

2024 07 25 1 8 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	###-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		#309 124,48	4550	36	###-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				



281

28 FO 1508

28

Depth	COMMENTS	
200 m		
	28 0224	208# 84148



LOG_SAMPLES_ **2024** **07** **26** _STATION- **1** **8** **5** _W-LAB-142-1

OPERATOR(S) **Hugo BERTHELOT**

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	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			22 L	min.		17 L
Z00 R02			<input type="checkbox"/> 20L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			18 L	min.		18 L
Z02 R01	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.	###-Z02 S<02	<input type="checkbox"/> 20L
m			L	min.		L
Z02 R02	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.	###-Z02 S<02-2	<input type="checkbox"/> 20L
m			L	min.		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	<input type="checkbox"/> 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
m			22 L	min.		
Z02	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L	<input type="checkbox"/> 60 min.		
m			L	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	<input checked="" type="checkbox"/> 60 min.		
m			35 L	min.		
Z02	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L	<input type="checkbox"/> 60 min.		
m			L	min.		



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22 10 142

2010-10-14

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) MH

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		* One out of 2 MQ dispenser broken so we used MQ water from water maker @ 2nd MQ system → impact cleaning @ blanks on all samples		
	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_ YYYY MM DD # # # #
 2024 09 26 _STATION- 1 8 5 _TARDIS-SCP
 OPERATOR(S) MH

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. ^{160 min}		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	160 min.		L	160 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	160 min.		L	160 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	160 min.		L	160 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	160 min.		L	160 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	* One out of 2 MQ dispenser broken so we used MQ water from water maker ⊕ 2nd MQ system
	m	↳ impact cleaning ⊕ blank on all samples
Z00	R02	*
	m	
Z00	R03	*
	m	
Z00	R04	*
	m	
Z02	R01	Filter M3320 broken in the middle
	m	
Z02	R02	
	m	
Z02	R03	
	m	
Z02	R04	
	m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) THOMAS HAIZE

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. 27 min.			



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

OPERATOR(S) THOMAS HAIZE

Depth	Volume filtered (Litres)				
Z00	<input checked="" type="checkbox"/> 10 L	8 min			
m	<input type="checkbox"/> L				
Z02	<input type="checkbox"/> 10 L				
m	<input type="checkbox"/> L				

Depth	FM5-1* Falcon-15mL FRG +4°C	FM5-2* Falcon-15mL FRG +4°C	<input checked="" type="radio"/> SG5-1* Cryo-5mL LN2	<input checked="" type="radio"/> SG5-2* Cryo-5mL LN2
Z00	112537581	112537582	112537583	112537584
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2

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

* pre-aliquoted Glycine betaine
store at 4°C



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

OPERATOR(S) THOMAS HAIZE

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	5 : 47	5 : 57
Z00 m	2	5 : 47	5 : 57
Z00 m	3	5 : 47	5 : 57

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		2270	7 : 56	8 : 20
Z00 m	NAT-2		2270	7 : 56	8 : 20
Z00 m	NAT-3		2270	7 : 56	8 : 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			2270	10 : 29	11 : 00
Z00 m	PPN2-2			2270	10 : 29	11 : 00
Z00 m	PPN2-3			2270	10 : 29	11 : 00
	BLANK		* +100 µL ZnCl			



YYYY MM DD HH MM
 2024 07 26 7 58

 _STATION- 185 _SML

OPERATOR(S) INITIALS

THOMAS HAIZE

Water Collection Number of dips: 13 Volume Collected (L) 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)				
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)		2	3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)		0-2	0-3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	1	2	3-3	

YYYY MM DD HH MM
 [] [] [] [] []


 _STATION- [] _SML











OPERATOR(S) INITIALS

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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	


 YYYY MM DD # # #
 LOG_SAMPLES_ 2024 07 26 _STATION- 1 8 5 _S-LAB-25-1
 OPERATOR(S) ZH

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. <u>0.3753</u> 2. <u>0.3851</u> 3. <u>0.55</u>			<u>2160</u> mL	N° <u>F94</u> Weight <u>36,353</u>	 SEAWATER
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		<u>2160</u>	<input checked="" type="checkbox"/> 30 min. <input type="checkbox"/> min.
Z00 m		<u>2160</u> mL	Z00 R02 m	###-Z00 HP-2		<input type="checkbox"/> 30 min. <input type="checkbox"/> min.
			Z00 R03 m	###-Z02 HP-3		<input type="checkbox"/> 30 min. <input type="checkbox"/> min.
			Z02 R01 m	###-Z02 HP		<input type="checkbox"/> 30 min. <input type="checkbox"/> 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		<u>2160</u> mL	N° <u>F42</u> Weight <u>36,488</u>		<u>2160</u> mL	N° <u>F28</u> Weight <u>36,881</u>
Z00 R02 m		<u>2160</u> mL	N° <u>F19</u> Weight <u>36,115</u>		<u>2160</u> mL	N° <u>T23-164</u> Weight <u>36,662</u>
Z00 R03 m		<u>2160</u> mL	N° <u>T23-166</u> Weight <u>35,830</u>		<u>2160</u> mL	N° <u>T23-212</u> Weight <u>35,799</u>



2 8 1

26 FO 1200

115

Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 36,28 m	0216	0.3428 1288.0 0.22
Z00 R02 m		
Z00 R03 m	0216	
		0216
Depth Replicate	COMMENTS PA - HP	
Z00 R01 36,28 m	0216	0216
Z00 R02 36,28 m	0216	0216
Z00 R03 36,28 m	0216	0216



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

OPERATOR(S) ZM

		Net 20 µm		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1600 mL	<input type="checkbox"/> 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 type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input 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 checked="" type="checkbox"/> 45 mL			<input checked="" type="checkbox"/> 45 mL	
HG-20 Falcon-15mL FRZ -20°C		<input type="checkbox"/> 300				



281

26 FO Vial

HS

	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		
		008



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

OPERATOR(S) ZH

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		<input checked="" type="checkbox"/> 100%	<input checked="" type="checkbox"/> 250 mL			
		%	<input type="checkbox"/> 500 mL			
SAMPLE SPLITTING	COD-END #2	Total volume				
		<input checked="" type="checkbox"/> 1600 mL				
PROTOCOLS	Barcode	Filtered volume (mL)	Filtration time	Barcode	Filtered volume (mL)	Filtration time
<input checked="" type="radio"/> S200 Cryo-5mL LN2 #1		40	<input type="checkbox"/> 15 min		40	<input type="checkbox"/> 15 min
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		40				
HG-200 Falcon-15mL FRZ -20°C						



2 8 1

20 FO 1/20/20

45

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

oil

oil

oil



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

OPERATOR(S) ZH

Régent 680

SAMPLE SPLITTING	NET TOW n° 2			NET TOW n° 1		
	FLOWMETER 31624			FLOWMETER 29602	Total volume 31624	
	<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"/> %	<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 type="checkbox"/> 100 %	400 mL
					<input type="checkbox"/> %	
HG-680 Falcon-15mL FRZ -20°C						1200



2 8 1

26 FO 1606

HS

COMMENTS

COMMENTS

SAMPLE SPLITTING

20098

16018

PROTOCOLS

F680
Bottle-250mL
RT >10°C

F2000
Bottle-250mL
RT >10°C

S680-L
Falcon-5mL
FRZ -20°C

001

001