


 YYYY MM DD # # #
 LOG_SAMPLES_ _STATION- _MERCURY
 OPERATOR(S)

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				 112585825
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	 112539045	#54 132,33	3870	32	###-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				



121 45 20 1800
 02

Depth	COMMENTS	
Z00 m		



LOG_SAMPLES_ **2024 05 22** _STATION- **1 5 1** _W-LAB-142-1

OPERATOR(S) **JEANTHON C.**

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			14 L	min.		L
Z00 R02			<input type="checkbox"/> 20L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			14 L	min.		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 checked="" type="checkbox"/> 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
m			35 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.		



Depth Replicate	COMMENTS S###
Z00 R01 m	2 filters per size fraction per replicate (S < 0.2)
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	2 filters per size fraction
Z02 m	
Depth	COMMENTS S###L
Z00 m	2 filters per size fraction
Z02 m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _DECK-BGC

2024 05 24 1 5 1

OPERATOR(S) Florian Trigodet

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			
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 05 24 _STATION- 1 5 1 _TARDIS-SCP

OPERATOR(S) Florian Trigodet

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 checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R02		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R03		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
m		L	min.		L	min.
Z00 R04		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<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		<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 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



LOG_SAMPLES_ 2024 05 24 _STATION- 1 5 1 _S-LAB-OTHER

OPERATOR(S) GUILLOU LAURE

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



Depth Replicates		○ 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 m	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1		
Z02	R02 m	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2		
Z02	R03 m	###-Z02 CP-G-3	Glycine- betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C		
	Prealiquot	Glycerol prealiquot - RT					
					DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
COMMENTS							



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

OPERATOR(S) GUILLOU LAURE

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	7:32	✓			
Z00 m	2	7:32	✓			
Z00 m	3	7:32	✓	No more Gas		

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end	
Z00 m	NAT-1		1120	7:24	8:00	UTC
Z00 m	NAT-2		1170	7:24	8:05	
Z00 m	NAT-3		1040	7:24	8:00	

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			1200	10:45	11:25
Z00 m	PPN2-2			1350	10:45	11:30
Z00 m	PPN2-3			1230	10:45	11:27
	BLANK		* +100 µL ZnCl			



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 05 24** _STATION- **1 5 1** _S-LAB-25-1
 OPERATOR(S) **RAMINI Romain**

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00	1. 0.41 2. 0.39 3. 0.33		 112538976	1080 mL	N° T23-64 (or T23-84?) Weight 35.836	
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	 112538974	1220 <input type="checkbox"/> 30 min. 47 min.	
Z00	 112538975	1220 mL	Z00 R02	###-Z00 HP-2	<input type="checkbox"/> 30 min	
			Z00 R03	###-Z02 HP-3	<input type="checkbox"/> 30 min	
			Z02 R01	###-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	 112538977	1080 mL	N° T23-83 Weight 35.135	 112538980	1080 mL	N° T23-55 Weight 36.408
Z00 R02	 112538978	1080 mL	N° T23-78 Weight 34.851	 112538981	1080 mL	N° T23-51 Weight 34.699
Z00 R03	 112538979	1290 mL	N° T23-82 Weight 36.066	 112538982	1080 mL	N° T23-61 Weight 36.093



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m	filtration interrupted bottle = 2270 ml / filtered = 1290 ml	
Depth Replicate	COMMENTS PA - HP	
Z00 m	HP: filtration interrupted → bottle = 2270 mL / filtered = 1220 mL PA: filtration interrupted → bottle = 2270 mL / filtered = 1220 mL	
Z02 m		



LOG-SAMPLES_

YYYY	MM	DD
2024	05	24

 _STATION-

#	#	#
1	5	1

 _S-LAB-NET-20

OPERATOR(S)

RANIM Romain

		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
S20 Cryo-5mL LN2 #1	112538983	<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn	112538984	<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE	112585829	<input checked="" type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112538986	<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112538985	<input type="checkbox"/> 200 mL (1/8) 300 mL				
MB20 Vial-4mL FRZ -20°C	112538988	<input type="checkbox"/> 200 mL (1/8) 370 mL				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112538989	<input type="checkbox"/> 45 mL <input checked="" type="checkbox"/> 15 mL		112538990	<input type="checkbox"/> 45 mL <input checked="" type="checkbox"/> 15 mL	
HG-20 Falcon-15mL FRZ -20°C	112538987	200 mL				



	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

OPERATOR(S) RANW) Romain

		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		<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		38 mL	<input type="checkbox"/> 15 min		38 mL	<input type="checkbox"/> 15 min
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		38 mL				
HG-200-1 Falcon-15mL FRZ -20°C		} 1300mL				
HG-200-2 Falcon 15mL FRZ -20°C						



	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		
HG-200 Falcon-15mL FRZ -20°C	too much matter => 2 falcon used labelled HG200-1 and HG200-2 see barcoded on the other side	



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

OPERATOR(S) RANINI Romain

Régent 680

SAMPLE SPLITTING	NET TOW n° 1		NET TOW n° 2			
	FLOWMETER 36550	39785	FLOWMETER 39786	Total volume 45161		
	<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 type="checkbox"/> 100 %	100 mL
					%	
HG-680 Falcon-15mL FRZ -20°C						1300 mL

