



YYYY MM DD

LOG_SAMPLES_ **2024 05 02**

#

_STATION- **1 4 0** _MERCURY

OPERATOR(S) **DC**

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		#59 133,08	1365	15	###-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				



041

50 20 #805

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Depth	COMMENTS	
Z00 m		
	<p>21 2081</p>	<p>20 # 80,201</p>



LOG_SAMPLES_ 2024 05 02 _STATION- 140 _W-LAB-142-1

OPERATOR(S) JEANTHON C.

YYYY MM DD

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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			5 L	min.		5 L
Z00 R02			<input type="checkbox"/> 20L	<input checked="" type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			4 L	min.		4 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			2x8 L	2x30 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 type="checkbox"/> 60 min.		
m			2x 10 L	2x30 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	Samples R01 (S520 and S023) of stations 139 and 140 were inverted.
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	2 filters per size fraction in both 5 mL tubes
Z02 m	
Depth	COMMENTS S###L
Z00 m	2 filters per size fraction in both Falcon tubes
Z02 m	



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

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	Forgot acidification was done in the evening: 20:30			
Z02 m				
Depth Replicate	COMMENTS CDOM/FDOM		COMMENTS DOC	COMMENTS NUT
Z00 R01 m			Forgot acidification Done in the evening 20:30	
Z00 R02 m				
Z00 R03 m				
Z02 R01 m				
Z02 R02 m				
Z02 R03 m				



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 05 02** _STATION- **1 4 0** _TARDIS-SCP-SS
 OPERATOR(S) **Floriza Trigodet**

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 L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R02 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R03 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min
Z00 R04 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min	###-Z00 HLB-LCMS- H2O	<input type="checkbox"/> 1.5L L	<input type="checkbox"/> 100 min min
Z00 R05 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min min			
Z00 m	###-Z00 PPL-LCMS- H2O	<input type="checkbox"/> 1.5L L	<input type="checkbox"/> 100 min min			



LCMS

Depth		COMMENTS
Z00	R01 m	Bed weather. 30min between end of filtration and rinsing
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	



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_ 1024 05 02 _STATION- 1 4 0 _S-LAB-OTHER

OPERATOR(S) Guilhou LAURE

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		<i>No Glycerol.</i>				
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 <u>20</u> 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

HC-G } without Glycerol ?
CP-G } Mistake



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

OPERATOR(S) Guillem LARRE

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	09 :05	09 :05			
Z00 m	2	09 :05	09 :05			
Z00 m	3	09 :05	09 :05 (UTC)			
Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end	
Z00 m	NAT-1	112539850	600	10:20	10:45	
Z00 m	NAT-2	112539851	600	10:20	10:45	
Z00 m	NAT-3	112539852	600	10:20	10:45	

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	112539853	112539869	700	11:30	:
Z00 m	PPN2-2	112539854	112539870	700	11:30	:
Z00 m	PPN2-3	112539855	112539871	700	11:30	:
	BLANK	112539849	* +100 µL ZnCl			



LOG_SAMPLES_ 2024 05 02 _STATION- 1 4 0 _S-LAB-25-1

OPERATOR(S) RANINI Romain

YYYY MM DD

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Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00	1. 0.99 2. 0.80 3. 1.06		###-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		635 635	<input checked="" type="checkbox"/> 30 min. <input type="checkbox"/> 20 min.
Z00		635 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		635 mL	N° TE037 Weight 36.933		635 mL	N° TE349 Weight 37.141
Z00 R02		635 mL	N° TE016 Weight 37.315		635 mL	N° TE292 Weight 38.107
Z00 R03		635 mL	N° TE015 Weight 35.813		635 mL	N° TE381 Weight 37.284



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) RANINI Romain

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	112539809	<input type="checkbox"/> 200 mL (1/8) <i>100</i> mL	<input checked="" type="checkbox"/> 15 mn	112539810	<input type="checkbox"/> 200 mL (1/8) <i>100</i> mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE	112558603	<input type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112539819	<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112539813	<input type="checkbox"/> 200 mL (1/8) <i>150</i> mL				
MB20 Vial-4mL FRZ -20°C	112539820	<input checked="" type="checkbox"/> 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112539821	<input type="checkbox"/> 45 mL <input checked="" type="checkbox"/> <i>15 mL</i>		112539822	<input type="checkbox"/> 45 mL <input checked="" type="checkbox"/> <i>15 mL</i>	
HG-20 Falcon-15mL FRZ -20°C	112539816	<i>200</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		



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1	<i>Collected water has been 4 times diluted to filter accurately a small volume of water</i>	
S200-L Falcon-5mL FRZ -20°C		



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

2024 05 02 1 4 0

OPERATOR(S) **RANINI Romain**

Régent 680

SAMPLE SPLITTING	NET TOW n°		FLOWMETER		NET TOW n°		FLOWMETER	
	1	2	45788	47888	47945	49704	Total volume	
	<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 %				50 mL		
		%						
HG-680 Falcon-15mL FRZ -20°C						1750 mL		

