





LOG_SAMPLES_ 2024 06 01
 _STATION- 1 5 6
 _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				 112585969
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	 112524607	# 26 124,2	1150	20	###-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		



YYYY MM DD # # #
 LOG_SAMPLES_ 2024 06 01 _STATION- 1 5 6 _W-LAB-142-1
 OPERATOR(S) OB

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 type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			9 L	13 min.		9 L
Z00 R02			<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			7 L	13 min.		7 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			8 L	8 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			17 L	23 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	
Z00 R02 m	S < 0,2 1 st filter → 4 Liters 2 nd filter → 3 Liters
Z02 R01 m	
Z02 R02 m	

Depth	COMMENTS P###
Z00 m	Filter saturated too fast.
Z02 m	

Depth	COMMENTS S###L
Z00 m	1 st filter ~ 7L ⇒ 8 min. 2 nd filter ~ 10 ⇒ 15 min.
Z02 m	



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 LOG_SAMPLES_ **2024** **06** **01** _STATION- **1** **5** **6** _DECK-BGC
 OPERATOR(S) **Via**

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 HgCl₂	
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 06 01

_STATION-

1 5 6

_TARDIS-SCP

OPERATOR(S)

Lia

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.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
m		L	150 min.		L	150 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	150 min.		L	150 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	150 min.		L	150 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	150 min.		L	150 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 06 01** _STATION- **1 5 6** _S-LAB-OTHER

OPERATOR(S) **FALCINI FEDERICO**

Depth Replicates	● HC RT Cryo-5mL LN2 #1		● HC-G RT Cryo-5mL LN2 #1		○ CP-G RT Cryo-5mL LN2 #1		● SG <i>Freeze</i> Cryo-5mL LN2 #1		● FC-P ^{-20°} Cryo-2mL LN2 #3		● FC-G ^{-20°} Cryo-2mL LN2 #3	
	Z00 R01 m	112524660		112524668		112524676		112524679		112524681		112524683
Z00 R02 m	112524661		112524669		112524677		112524680		112524682		112524684	
Z00 R03 m	112524662		112524670		112524678		Glycine-betaine prealiquot at 4°C		PFA prealiquot at -20°C		Glutaraldehyde prealiquot at - 20°C	
Z00 R04 m	112524663		112524671		Glycerol prealiquot - RT							
Z00 R05 m	112524664		112524672				DGAS 12 mL exetainer +4°C		DGAS 12 mL exetainer +4°C		DGAS 12 mL exetainer +4°C	
Z00 R06 m	112524665		112524673				112524608		112524611		112524614	
Z00 R07 m	112524666		112524674				112524609		112524612		112524615	
Z00 R08 m	112524667		112524675				112524610		112524613		112524616	
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	112524711		☐ 30L 40 L		● 30 min. min.							



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

OPERATOR(S) **FALCINI FEDERICO**

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	11:30	11:30			
Z00 m	2	11:30	11:30			
Z00 m	3	11:30	11:30			

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end	
Z00 m	NAT-1		635	10:00	10:15	
Z00 m	NAT-2		635	10:00	10:20	
Z00 m	NAT-3		635	10:00	10:25	

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			500	11:50	12:10
Z00 m	PPN2-2			500	11:50	12:15
Z00 m	PPN2-3			500	11:50	12:20
	BLANK		* +100 µL ZnCl			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-25-1

OPERATOR(S) BATTISTELLA Aude

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00	1. 0,93 2. 1,03 3. 0,92		###-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	112524639	635 <input checked="" type="checkbox"/> 30 min. min.	
Z00	112524638	mL	Z00 R02 m	###-Z00 HP-2	<input type="checkbox"/> 30 min. min.	
			Z00 R03 m	###-Z02 HP-3	<input type="checkbox"/> 30 min. min.	
			Z02 R01 m	###-Z02 HP	<input type="checkbox"/> 30 min. 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	112524640	635 mL	N° TE 374 Weight 37,072	112524643	635 mL	N° T23-12 Weight 35,197
Z00 R02 m	112524641	635 mL	N° T23-18 Weight 35,067	112524644	635 mL	N° TE 213 Weight 37,306
Z00 R03 m	112524642	635 mL	N° T23-30 Weight 34,883	112524645	635 mL	N° TE 300 Weight 37,064



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Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Depth Replicate	COMMENTS PA - HP	
Z00 51-EST 208,28 m		458 37
Z01 215 37 208,28 m		570,28
		81-EST
		400,28
		05-EST
		588,28



YYYY MM DD # # #
 LOG-SAMPLES_ **2024 06 01** _STATION- **1 5 6** _S-LAB-NET-20
 OPERATOR(S) **BATTISTELLA Aude**

Decknet
 Deployed at sea

Net 20 µm

SAMPLE SPLITTING

of cod-ends 1 2
 Total volume 1600 mL
 Aliquots vol. 200 mL

PROTOCOLS

Barcode Aliquot volume (mL) Filtration time Barcode Aliquot volume (mL) Filtration time

<input checked="" type="checkbox"/> S20 Cryo-5mL LN2 #1	 112524650	<input type="checkbox"/> 200 mL (1/8) 60 mL	<input checked="" type="checkbox"/> 15 mn	 112524651	<input type="checkbox"/> 200 mL (1/8) 50 mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE	 112586005	<input type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	 112524652	<input type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	 112524653	<input type="checkbox"/> 200 mL (1/8) 70 mL				
MB20 Vial-4mL FRZ -20°C	 112524654	<input type="checkbox"/> 200 mL (1/8) 170				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	 112524655	<input type="checkbox"/> 45 mL 15		 112524656	<input type="checkbox"/> 45 mL 15	
HG-20 Falcon-15mL FRZ -20°C	 112524657	590				



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	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) **BATTISTELLA Aude**

		Horizontal WP11-200							
SAMPLE SPLITTING	COD-END #1								
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	A lot of aggregates in the 200µm net.					
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="checkbox"/> S200 Cryo-5mL LN2 #1		10	<input checked="" type="checkbox"/> 15 min		10	<input checked="" type="checkbox"/> 15 min			
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		15							
HG-200 Falcon-15mL FRZ -20°C		800							



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	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) **BATTISTELLA Aug**

Régent 680

SAMPLE SPLITTING	NET TOW n° 1		NET TOW n° 2			
	FLOWMETER	FLOWMETER	FLOWMETER	FLOWMETER		
	92 310	93 587	89 249	92 308		
	<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	Too much aggregates, I had to divide in 2.		
		50 %	<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 %	20 mL
HG-680 Falcon-15mL FRZ -20°C						1570

