



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _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				
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		#70 132,96	5660	50	###-Z00 f.THg
Z02 m		#68 132,17	5640	50	###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



Depth	COMMENTS	
Z00 m		



LOG_SAMPLES_ 2024 04 25 YYYY MM DD
 _STATION- 135 # # #
 OPERATOR(S) Céline Duvier

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 m	112526805	112526806	<input type="checkbox"/> 20L <u>16</u> L	<input checked="" type="checkbox"/> 15 min. min.	112526807	<input type="checkbox"/> 20L L
Z00 R02 m	112526808	112526809	<input type="checkbox"/> 20L <u>15</u> L	<input checked="" type="checkbox"/> 15 min. min.	112526810	<input type="checkbox"/> 20L L
Z02 R01 <u>75</u> m	112527037	112527038	<input checked="" type="checkbox"/> 20L L	<input checked="" type="checkbox"/> 15 min. min.	112527039	<input type="checkbox"/> 20L L
Z02 R02 <u>75</u> m	112527040	112527041	<input checked="" type="checkbox"/> 20L L	<input checked="" type="checkbox"/> 15 min. min.	112527042	<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	112526811	112526812	<input checked="" type="checkbox"/> 50L L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 <u>75</u> m	112527043	112527044	<input checked="" type="checkbox"/> 50L L	<input checked="" 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	112526813	112526814	<input checked="" type="checkbox"/> 50L L	<input checked="" type="checkbox"/> 60 min. min.		
Z02 <u>75</u> m	112527045	112527046	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	
Z00 R02 m	
Z02 R01 75 m	From cast #2
Z02 R02 75 m	From cast #2
Depth	COMMENTS P###
Z00 m	
Z02 75 m	From cast #3
Depth	COMMENTS S###L
Z00 m	
Z02 75 m	From cast #3



LOG_SAMPLES_ _STATION- _DECK-BGC

OPERATOR(S)

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						
	+ 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 R02 m						
Z02 R03 m						
	+ 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_ _STATION- _TARDIS-SCP
 OPERATOR(S)

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		<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 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.
Z02 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.
Z02 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.
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		<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.



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

OPERATOR(S) Ioli Di Au

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 50 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	 112527063	 112527066	 112527068	 112527070		
Z02	R02 m	 112527064	 112527067	 112527069	 112527071		
Z02	R03 m	 112527065	Glycine- betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C		
	Prealiquot	Glycerol prealiquot - RT					
					DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
					 112526986	 112526987	 112526988
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
COMMENTS							



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

OPERATOR(S) *Toli Di'fee*

Depth	Volume filtered (Litres)				
Z00	<input checked="" type="checkbox"/> 10 L				
m	L				
Z02	<input checked="" type="checkbox"/> 10 L				
m	L				
Depth	FM5-1* Falcon-15mL FRG +4°C	FM5-2* Falcon-15mL FRG +4°C	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2	
Z00	112527014	112527015	112527016	112527017	
m					
Z02	112527059	112527060	112527061	112527062	
m					
		* 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) Tolu bi Copwa

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	7 : 28	7 : 32
Z00 m	2	7 : 28	7 : 32
Z00 m	3	7 : 28	7 : 32

Depth	Natural abundance – TO	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1		1.2L	6 : 50	7 : 18
Z00 m	NAT-2		1.2L	6 : 50	7 : 18
Z00 m	NAT-3		1.2L	6 : 50	7 : 18

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				8 : 00	8 : 31
Z00 m	PPN2-2				8 : 00	8 : 31
Z00 m	PPN2-3				8 : 00	8 : 31
	BLANK		* +100 µL ZnCl			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-25-1
 OPERATOR(S) Thomas Beavis

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. 0.29 2. 0.33 3. 0.43	###-Z00 PM-CTRL	mL	N° Weight		
Z02	1. 0.29 2. 0.51 3. 0.45	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	<input type="checkbox"/> 30 min. 40 min.		
Z00		2520 mL	Z00 R02 m	<input type="checkbox"/> 30 min. min.		
			Z00 R03 m	<input type="checkbox"/> 30 min. min.		
			Z02 R01 m	<input type="checkbox"/> 30 min. 35 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		2520 mL	N° TE175 Weight 37.409		2520 mL	N° TE334 Weight 37.158
Z00 R02		2520 mL	N° TE303 Weight 37.393		2520 mL	N° TE106 Weight 35.898
Z00 R03		2520 mL	N° TE222 Weight 36.789		2520 mL	N° TE296 Weight 37.232



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 # # # # # #

LOG-SAMPLES_ **202A** **0A** **25** _STATION- **1 3 5** _S-LAB-NET-20

OPERATOR(S) **Thomas Beavis**

Net 20 μ m

Decknet
 Deployed at sea

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
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<p>S20 Cryo-5mL LN2 #1</p>		<input type="checkbox"/> 200 mL (1/8) 160 mL	<input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 200 mL (1/8) 160 mL	<input checked="" type="checkbox"/> 15 mn
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<p>FCAM20 Bottle-250mL LIVE</p>		<input checked="" type="checkbox"/> 200 mL (1/8)
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<p>E20 Falcon-15mL + 15mL ETOH FRZ -20°C</p>		<input checked="" type="checkbox"/> 200 mL (1/8)
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<p>S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect</p>		<input type="checkbox"/> 200 mL (1/8) 160 mL
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<p>MB20 Vial-4mL FRZ -20°C</p>		<input type="checkbox"/> 200 mL (1/8) 370
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<p>FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C</p>		<input type="checkbox"/> 45 mL		<input type="checkbox"/> 45 mL
		<input checked="" type="checkbox"/> 15mL		<input checked="" type="checkbox"/> 15mL

<p>HG-20 Falcon-15mL FRZ -20°C</p>		470
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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) Thomas Beavis

Horizontal
WPII-200

SAMPLE SPLITTING

~~COD-END #1~~ *lost biomass*

PROTOCOLS

Barcode

Fraction of total volume

Aliquot Volume (mL)

The f200 was done with 50% of the content of the cod-end #2.

F200
Bottle-250mL
+ borax/formol
RT >10°C



100%

250 mL

50 %

500 mL

SAMPLE SPLITTING

COD-END #2

Total volume

Only 50% of the content of this cod-end was used, and biomass bring to 1600 mL.

1600 mL

PROTOCOLS

Barcode

Filtered volume (mL)

Filtration time

Barcode

Filtered volume (mL)

Filtration time

S200
Cryo-5mL
LN2 #1



600

15 min



300

15 min

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



300

HG-200
Falcon-15mL
FRZ -20°C



300



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C	Cod end #1 had a hole so biomass was lost. Cod end #2 was diluted	to 1600mL and 800mL was used for F200
SAMPLE SPLITTING	800mL from initial 1600mL was rediluted to 1600mL for S200	and S200-L and HG200
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) Thomas Beavis

Régent 680

SAMPLE SPLITTING	NET TOW n° 2		FLOWMETER		NET TOW n° 1		FLOWMETER	
	15601	1806A	12951	15599	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"/> %	<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 checked="" type="checkbox"/> 100 %				260 mL		
		<input type="checkbox"/> %						
HG-680 Falcon-15mL FRZ -20°C						1300		

