



LOG_SAMPLES_ 2023 07 11 _STATION- 0 4 8 _MERCURY

OPERATOR(S) JC START UTC (HH:MM) 06:20 END UTC (HH:MM) 07:10

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m		Tara 011	1230 mL	

Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	f.THg 40-mL glass bottle FRG +4°C
Z00 m	###-Z00 p.THg 112558263	Tara 012	850 mL	

Depth	uf.THg 40-mL glass bottle RT			
Z00 m				



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _W-LAB-142-1

OPERATOR(S) Eric P.

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			[] 20L [] 50L 5 L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L 5 L
Z00 R02 m			[] 20L [] 50L 5 L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L 5 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	[] 20L [] 50L L	[] 15' [] 60' min.	###-Z02 S<02	[] 10L [] 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	[] 20L [] 50L L	[] 15' [] 60' min.	###-Z02 S<02-2	[] 10L [] 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			[] 20L [] 50L 7 L	[] 15' <input checked="" type="checkbox"/> 60' min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	[] 20L [] 50L L	[] 15' [] 60' 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			[] 20L [] 50L 7 L	[] 15' <input checked="" type="checkbox"/> 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[] 20L [] 50L L	[] 15' [] 60 min.		



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

2023 07 11 0 4 8

OPERATOR(S) *Lia*

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	DOM-3 used a different sterivex than the other samples		
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _TARDIS-SCP

2023 07 11 0 4 8

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 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00 R02 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00 R03 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z00 R04 m		[] 1L [] 2L L	[] 60' [] 120' min.		[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R01 m	###-Z02 PPL-1	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-1	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R02 m	###-Z02 PPL-2	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-2	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R03 m	###-Z02 PPL-3	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-3	[] 1L [] 2L L	[] 60' [] 120' min.
Z02 R04 m	###-Z02 PPL-4	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-4	[] 1L [] 2L L	[] 60' [] 120' 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 m		[] 16L 16.5 L	30 min.		[] 16L 16.5 L	30 min.
Z02 m	###-Z02 MB320	[] 16L L	[] 30 min.	###-Z02 MB033	[] 16L L	[] 30 min.



Depth	COMMENTS
Z00 R01 m	
Z00 R02 m	<p>The TLOWPH₂ to since the PPL cartridges was made onboard because we ran out of the one prepared by Yessika.</p>
Z00 R03 m	
Z00 R04 m	
Z02 R01 m	
Z02 R02 m	
Z02 R03 m	
Z02 R04 m	



LOG_SAMPLES_ 2023 07 11 14 _STATION- 0 4 8 _S-LAB-OTHER

OPERATOR(S) KB

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 extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +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		[] 30L <u>20</u> L	[] 30 <u>45</u> min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02	 m	###-Z02 eDNA	[] 30L	[] 30			



Depth Replicate		COMMENTS
Z00	R01	
	m	
Z00	R02	
	m	
Z00	R03	
	m	
Z00	R04	
	m	
Z00	R05	
	m	
Z00	R06	
	m	
Z00	R07	
	m	
Z00	R08	
	m	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-DECKNET-5
 OPERATOR(S)

LOG_SAMPLES_ 2023 07 11 0 4 8 S-LAB-DECKNET-5
 OPERATOR(S) MB

Depth	DECKNET Volume (Litres)	Time start FILLING ##:##	Time end NET OUT ##:##	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00 m	[] 100 L <u>100</u> L	<u>06</u> : <u>05</u>	<u>07</u> : <u>05</u>		
Z02 m	[] 100 L	---	---	### Z02 SG5-1	### Z02 SG5-2
Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C			
Z00 m					
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
	*pre-aliquoted 5 mL PFA/GLUT store at -20°C	* pre-aliquoted Glycine betaine store at 4°C			



Depth		COMMENTS SG5
Z00	R01	
	m	
Z00	R02	
	m	
Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	



LOG_SAMPLES_ **2013 07 11** _STATION- **048** _S-LAB-25-1
 OPERATOR(S) **D.D.**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtrés + weight (mg)		
Z00 m	1. 5.01 2. 4.92 3. 5.03	###-Z00 PM-CTRL	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:		
Z02 m	1. 2. 3.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #2	Filtration Volume (mL) Filtration Duration (minutes)		
Depth	PA Petridish FRZ -20°C	Filtration Volume (mL)	Z00 R01 m	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 300 ml max min		
Z00 m		[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R02 m	###-Z00 HP-2 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 [] 30' [] 40' max min		
Z02 m	###-Z02 PA	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R03 m	###-Z00 HP-3 [] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 [] 30' [] 40' max 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	300 ml 	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR 256 Weight: 36.661		[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 300 ml	N°: TR 43 Weight: 37.469
Z00 R02 m	300 ml 	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR 274 Weight: 36.561		[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 300 ml	N°: TR 19 Weight: 36.946
Z00 R03 m	300 ml 	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR 139 Weight: 37.828		[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270 300 ml	N°: TR 155 Weight: 37.664
Z02 R01 m	###-Z02 PM-1	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-1	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:
Z02 R02 m	###-Z02 PM-2	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-2	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:
Z02 R03 m	###-Z02 PM-3	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:	###-Z02 FOI-3	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: Weight:



Depth Replicate	COMMENTS PM	COMMENTS FOI
Z00 R01 m		
Z00 R02 m		
Z00 R03 m		
Z02 R01 m		
Z02 R02 m		
Z02 R03 m		

Depth Replicate	COMMENTS PA - HP
Z00 m	
Z02 m	



LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20
 2023 07 11 6 4 8
 OPERATOR(S) D. D.

Net 20 μ m				<input type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends [] 1 [] 2	Total volume [] 1600 mL	Aliquots vol. [] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
S20 Cryo-5mL LN2 #1	ϕ 10 μ m 	<input type="checkbox"/> 1/8 210 mL	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mL	ϕ 3 μ m 	<input type="checkbox"/> 1/8 180 mL	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mL
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 1/8 210 mL	<input type="checkbox"/> 200 mL 210 mL	net enough ϕ 10 μ m on board \rightarrow ϕ 3 μ m.		
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input type="checkbox"/> 1/8 210 mL	<input type="checkbox"/> 200 mL			
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	ϕ 3 μ m 	<input type="checkbox"/> 1/8 210 mL	<input type="checkbox"/> 200 mL <input type="checkbox"/> 15 mL			
MB20 Vial-4mL FRZ -20°C		<input type="checkbox"/> 1/8 210 mL	<input type="checkbox"/> 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		45 mL			45 mL	



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
S20 Cryo-5mL LN2 #1	S20-1 with normal 10µm filter / S20-2 with a 3µm PC filter.	
FCAM20 Bottle-250mL LIVE		
E20 Falcon-15mL FRZ -20°C		
S20-L Falcon-5mL FRZ -20°C	→ with 3µm PC filter. ⚠ instead of 10µm.	
MB20 Vial-4mL FRZ -20°C		
FM20 Falcon-50mL FRG +4°C		



YYYY MM DD # # #
 LOG-SAMPLES_ 2023 07 11 _STATION- 0 4 8 _S-LAB-NET-200
 OPERATOR(S) S.D.

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		[] 1 (100%)	[] 250 mL	Same as yesterday we took 50 mL from COD-END #2 SINCE THE BIOMASS IS TOO HIGH COD END → → 50 mL → RED CAP BOTTLE		
SAMPLE SPLITTING	COD-END #2	Total volume	Aliquots vol.			
		[] 1600 mL	[] 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
S200 Cryo-5mL LN2 #1	ϕ 3 μ m	[] 1/8 15 mL	[] 200 mL [] 15 mL		[] 1/8 ϕ 3 μ m 10 mL 10 mL	[] 200 mL [] 15 mL
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	ϕ 3 μ m	[] 1/8 5 mL	[] 200 mL [] 15 mL	not enough ϕ 10 μ m on board → ϕ 3 μ m.		



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1) → Done with 3µm PC filter instead of 10µm PC filter.) → S200-1, S200-2 S200-L.
S200-L Falcon-5mL FRZ -20°C		



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

OPERATOR(S) D. D.

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL			Total volume [] 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		[] 50 % [] 100 %	[] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	[] 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					[] 50 % [] 100 %	[] 200 mL [] 400 mL [] 600 mL [] 800 mL [] 15 mn

Too much biomass for F680. WE TOOK FROM the 1,6L bottle → 50mL → Red cap 50mL + BORAX + BORAX

Ø 3 um

25 ml (not sure of the final volume...)

