



LOG_SAMPLES_ **2023 07 18** YYYY MM DD
 _STATION- **050** # # #
 OPERATOR(S) **Eric L.**

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 4 L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L 4 L
Z00 R02 m			[] 20L [] 50L 4 L	<input checked="" type="checkbox"/> 15' [] 60' min.		[] 10L [] 20L 4 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 5 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 5 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

OPERATOR(S) T.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	###-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	-Leak for DOC and DOM samples at least -Leak maybe for all samples		
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_ YYYY MM DD # # # _STATION- # # # _TARDIS-SCP

OPERATOR(S) T.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 m		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.
Z00 R02 m		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.
Z00 R03 m		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.
Z00 R04 m		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 min.		[] 1L [] 2L 1400 m L	[] 60' [] 120' 180 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-MQW- pH2	[] 1L [] 2L L	[] 60' [] 120' min.	###-Z02 HLB-MQW	[] 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 20 L	[] 30 min.		[] 16L 20 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	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	
		- extraction stopped at ca. 18 ⁰⁰ , ca. 600ml remaining - some carboys seemed clogged, but some were not → seems random → the outlet carboy was full, but Douglas thinks it should not matter



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _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 12 L	[] 30 min. 90 min.	=> Collect filtrate for SS protocol onland : V<0.45		
Z02 m	###-Z02 eDNA	[] 30L L	[] 30 min. min.			



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) HB

2023 07 18 0 5 0

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 55 L	07 : 20	07 : 56		
Z02 m	[] 100 L			### Z02 SG5-1	### Z02 SG5-2
				* Glycine-betaine pre-aliquot at 4°C	
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 stored at -20°C			



0 2 0

81 70 250

21

Depth	COMMENTS SG5
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Z00 R01
m

22 70 25 70 22

Z00 R02
m

↘ ↘ ↘ ↘ ↘ ↘

Depth	COMMENTS FM5
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Z00 R01
m

Z00 R02
m

↘ ↘ ↘ ↘ ↘ ↘



LOG_SAMPLES_ **2023** | **07** | **18** | _STATION- **0** | **5** | **0** | _S-LAB-25-1

OPERATOR(S) | **Clara** |

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 1.98 2. 2.69 3. 2.01 1.98		###-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	 112497731	[] 65 [] 135 [] 270 X 635 [] 1080 [] 2270	[] 30' [] 40' max 9:30 min
Z00 m	 112558315	[] 65 [] 135 [] 270 [] 635 300mL [] 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	 112558316	[] 65 [] 135 400mL [] 270 [] 635 [] 1080 [] 2270	N°: TR151 Weight: 37,407	 112558319	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR 119 Weight: 37,656
Z00 R02 m	 112558317	[] 65 [] 135 400mL [] 270 [] 635 [] 1080 [] 2270	N°: TR233 Weight: 38,446	 112558320	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR 227 Weight: 36,911
Z00 R03 m	 112558318	[] 65 [] 135 400mL [] 270 [] 635 [] 1080 [] 2270	N°: TR 213 Weight: 36,592	 112558321	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	N°: TR 229 Weight: 36,362
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 18 0 5 0
 OPERATOR(S) Clara

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

<u>Horizontal</u> WP11-200						
SAMPLE SPLITTING	COD-END #1					
PROTOCOLS	Barcode	Aliquot Volume (mL)				
F200 Bottle-250mL + borax/formol RT >10°C		[X] 250 mL				
SAMPLE SPLITTING	COD-END #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)
S200 Cryo-5mL LN2 #1		[] 1/8	[X] 200 mL [] 15 mn		[] 1/8	[X] 200 mL [] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		[] 1/8	[X] 200 mL [] 15 mn			



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F200 Bottle-250mL RT >10°C		
SAMPLE SPLITTING		
PROTOCOLS		
S200 Cryo-5mL LN2 #1	stopped filtration at 200 mL not because of clogging but because too many larger organisms (filter full)	
S200-L Falcon-5mL FRZ -20°C		



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

2023 07 18 050

OPERATOR(S) Clara

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [] 1600 mL		Bottle volume (mL)	Total volume [] 1600 mL	Fraction of total volume	Aliquot Volume (mL)
PROTOCOLS F680 Bottle-250mL RT >10°C + Borax/Formol	 112558333		[X] 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				 112558334		[] 200 mL [] 400 mL [] 600 mL [] 800 mL 375mL [] 15 mn



	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C	<p><i>✶ Baby Maquereaux in the >2000µm fraction</i></p>	