



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY
 2023 06 07 @ 3 0
 OPERATOR(S) 63 START UTC (HH:MM) 8:00 END UTC (HH:MM) 10:00

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 004	2585 mL	
	↳ Small leak on the filter holder.		in 20 min	
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 112555036	Tara 003	2678 mL	
	↳ Small leak on the filter holder			
Depth	uf.THg 40-mL glass bottle RT			
Z00 m				



Depth	COMMENTS
200 m	Hg spike ON DECK BEFORE TAKING THE NISKIN INTO THE 5-LAB
	FILTRATION STARTED 2h WATER FROM THE ROSETTE ON BOARD



LOG_SAMPLES_ **2023** **06** **07** _STATION- **030** _W-LAB-142-1

OPERATOR(S) **James**

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 12 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 12 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	SCO2 filters were pre-filtered at 0.2um after initial error. SL of volume was still taken. JOB
Z00 R02 m	SCO2 filters were prefiltered at 0.2um after initial error by operator. SL of volume was still used. JOB
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 06 07 0 3 0

OPERATOR(S) GB

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						
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	ORDER OF SAMPLING: NUT-1, NUT-2, DOC-1, DOC-2, DOC-3, DOM-1 CHANGE FILTER, DOM-2, DOM-3 NEW FILTER	TAC. <u>DIRECTLY FROM NISKIN</u>	
	m			
Z00	R02			
	m			
Z00	R03			
	m			
Z02	R01			
	m			
Z02	R02			
	m			
Z02	R03			
	m			



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 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.
Z00 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.
Z00 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.
Z00 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 124 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L 2.8 L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' 155 min.
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-1	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-2	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-3	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.
Z02 R04 m	###-Z02 PPL-4	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 120' min.	###-Z02 HLB-4	<input type="checkbox"/> 1L <input type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input type="checkbox"/> 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		<input checked="" type="checkbox"/> 16L L	<input type="checkbox"/> 30' 25 min.		<input checked="" type="checkbox"/> 16L L	<input type="checkbox"/> 30' 25 min.
Z02 m	###-Z02 MB320	<input type="checkbox"/> 16L L	<input type="checkbox"/> 30' min.	###-Z02 MB033	<input type="checkbox"/> 16L L	<input type="checkbox"/> 30' min.



Depth		COMMENTS
Z00	R01 m	ENGINE ON DURING EXTRACTION (FOR NETS)
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	



LOG_SAMPLES_ 2023 06 07 _STATION- 0 3 0 _S-LAB-OTHER

OPERATOR(S) V.C.

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						
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						
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT				
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		[] 30L <u>25</u> L	[] 30 min.		=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-Z02 eDNA	[] 30L L	[] 30 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) U.C.

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	07:05	07:55		

Z02 m	[] 100 L			### Z02 SG5-1	### Z02 SG5-2
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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
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*pre-aliquoted 5 mL PFA/GLUT store at -20°C

* pre-aliquoted Glycine betaine store at 4°C



LOG_SAMPLES_ **2023** | **06** | **07** | _STATION- **0** | **3** | **0** | _S-LAB-25-1

OPERATOR(S) | **Xia** |

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0.70 2. 0.77 3. 0.74		###-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	<input checked="" type="checkbox"/> 30' [] 40' max 30'04 min
Z00 m		[] 65 [] 135 [] 270 <input checked="" type="checkbox"/> 635 [] 1080 [] 2270	Z00 R02 m		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	<input checked="" type="checkbox"/> 30' [] 40' max 30'04 min
Z02 m	###-Z02 PA	[] 65 [] 135 [] 270 [] 635 [] 1080 [] 2270	Z00 R03 m		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	<input checked="" type="checkbox"/> 30' [] 40' max 30'04 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		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	N°: TA 542 Weight: 37.365		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	N°: PA 594 Weight: 38.21
Z00 R02 m		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	N°: PA 635 Weight: 39.357		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	N°: PA 629 Weight: 37.917
Z00 R03 m		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	N°: PA 601 Weight: 37.490		[] 65 [] 135 [] 270 [] 635 <input checked="" type="checkbox"/> 1080 [] 2270	N°: TA 517 Weight: 37.185
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_ _STATION- _S-LAB-NET-20

OPERATOR(S)

Net 20 μ m

Decknet
 Deployed at sea

SAMPLE SPLITTING	# of cod-ends <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2	Total volume <input checked="" type="checkbox"/> 1600 mL	Aliquots vol. <input checked="" type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<input checked="" type="radio"/> S20 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 105 mL <input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 105 mL <input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 1/8	<input checked="" 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 type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL 120 mL 28 min			
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

2023 06 07 0 3 0

OPERATOR(S) *Lia Day*

Horizontal
WPII-200

COD-END #1

PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)
F200 Bottle-250mL + borax/formol RT >10°C		<input checked="" type="checkbox"/> 1 (100%)	<input checked="" type="checkbox"/> 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	[] 200 mL <i>50 mL</i> <input checked="" type="checkbox"/> 15 mn		[] 1/8	[] 200 mL <i>40 mL</i> <input checked="" type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		[] 1/8	[] 200 mL <i>50 mL</i> [] 15 mn			



COMMENTS

COMMENTS

SAMPLE
 SPLITTING

Lots of jellyfish!

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
 2023 06 07 0 3 0
 OPERATOR(S) *Lia et Dag*

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	 112555144	<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	 11255518100	hand-picked #ind=	<input checked="" type="checkbox"/> 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				 112555143	<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input type="checkbox"/> 200 mL <input type="checkbox"/> 400 mL <input type="checkbox"/> 600 mL <input type="checkbox"/> 800 mL 100 mL <input checked="" type="checkbox"/> 15 mn



COMMENTS

COMMENTS

Lots of Jellyfish!

SAMPLE
SPLITTING

PROTOCOLS

F680
Bottle-250mL
RT >10°C

F2000
Bottle-250mL
RT >10°C

we took the jellyfish from the F680 and put them in the F2000.

S680-L
Falcon-5mL
FRZ -20°C