



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _MERCURY

OPERATOR(S) MG

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	Filtration time	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m			2180 mL	20 min	

Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (Litres)	Filtration time	f.THg 40-mL glass bottle FRG +4°C
Z00 m	###-Z00 112556830		2260 mL	17 min	

Depth	f.THg 40-mL glass bottle FRG +4°C	Filter code	Filtration Volume (Litres)	Filtration time	f.MeHg 125-mL PETG bottle FRG +4°C
Z00					



LOG_SAMPLES_

OPERATOR(S)

Aliens In port	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	BLANK
Aliens In port-1		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 26'47" 20'45 min.	
Aliens In port-2		<input type="checkbox"/> 30L 26 L	<input checked="" type="checkbox"/> 30 min.	
Aliens In port-3		<input type="checkbox"/> 30L 28 L	<input checked="" type="checkbox"/> 30 min.	
Aliens entrance	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	
Aliens Entrance-1		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 22'50" min.	
Aliens Entrance-2		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 24'50" min.	
Aliens Entrance-3		<input type="checkbox"/> 30L 29 L	<input checked="" type="checkbox"/> 30 min.	
Aliens Open water	Aliens Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	
Aliens openW-1		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 20'15" min.	
Aliens openW-2		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 22'50" min.	
Aliens openW-3		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 23'19" min.	



Aliens In port	COMMENTS
Aliens In port-1	
Aliens In port-2	
Aliens In port-3	
Aliens entrance	
Aliens Entrance-1	
Aliens Entrance-2	
Aliens Entrance-3	
Aliens Open water	
Aliens openW-1	
Aliens openW-2	
Aliens openW-3	



LOG_SAMPLES_ _STATION- _W-LAB-142-1

OPERATOR(S)

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			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 11 L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' 13 min.		<input type="checkbox"/> 10L <input type="checkbox"/> 20L 11 L
Z00 R02 m			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 11 L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' 13 min.		<input type="checkbox"/> 10L <input type="checkbox"/> 20L 11 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.	###-Z02 S<02	<input type="checkbox"/> 10L <input type="checkbox"/> 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.	###-Z02 S<02-2	<input type="checkbox"/> 10L <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			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 25 L	<input type="checkbox"/> 15' <input checked="" type="checkbox"/> 60' 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 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			<input type="checkbox"/> 20L <input type="checkbox"/> 50L 20 } 40 } 20 } L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' 25 + 5 } 30 } 60 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 20L <input type="checkbox"/> 50L L	<input type="checkbox"/> 15' <input type="checkbox"/> 60' min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	13 min + 3 14 min purge
Z00 R02 m	"
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	no volume meter I just look at marks on the carboy
Z02 m	
Depth	COMMENTS S###L
Z00 m	25 min first filtration + 5 min to collect and change the filters ⇒ 30 min
Z02 m	



LOG_SAMPLES_ YYYY MM DD _STATION- # # # _DECK-BGC

OPERATOR(S)

2023 09 07 076 MH

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			
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 1.9-2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 2h30 = 180 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.
Z00 R02 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.
Z00 R03 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.
Z00 R04 m		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.		<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L " L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' 180 min.
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.	###-Z02 HLB-1	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.	###-Z02 HLB-2	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.	###-Z02 HLB-3	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.
Z02 R04 m	###-Z02 PPL-4	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" type="checkbox"/> 120' min.	###-Z02 HLB-4	<input type="checkbox"/> 1L <input checked="" type="checkbox"/> 2L L	<input type="checkbox"/> 60' <input checked="" 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 checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L L	<input checked="" type="checkbox"/> 30 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	
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
 2023 09 07 0 7 6
 OPERATOR(S) E. Boss

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 L	[] 30 33 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_ _STATION- _S-LAB-DECKNET-5

OPERATOR(S)

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 40 L	06:29	07:28 08:28	 112498371	 112498372
Z02 m	[] 100 L L	:	:	### Z02 SG5-1	### Z02 SG5-2
Z00 m	 112556956	 112556957			
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			



YYYY MM DD HH MM # # #

2023 09 06 08 45

_STATION- 075 _SML

OPERATOR(S) INITIALS

E. BOSS

Water Collection

Number of dips: 13

Volume Collected (L) 650

Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)				Windy (Bojart)
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				190ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				190ml

YYYY MM DD HH MM # # #

2023 09 07 06 37

_STATION- 076 _SML

OPERATOR(S) INITIALS

E. BOSS

Water Collection

Number of dips: 13

Volume Collected (L) 08

Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)				bojart 3
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)				190ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)				190ml





LOG_SAMPLES_ **2023** | **09** | **07** | _STATION- **0** | **7** | **6** | _S-LAB-25-1

OPERATOR(S) | **Z.H.**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00 m	1. 0.64 2. 0.85 3. 0.66	###-Z00 PM-CTRL	mL	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	 800 mL [] 30' [] 40' 7' max min		
Z00 m	###-Z00 PA	mL	Z00 R02 m	###-Z00 HP-2 mL [] 30' [] 40' max min		
Z02 m		800 mL	Z00 R03 m	###-Z00 HP-3 mL [] 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		800 mL	N°: TR122 Weight: 37,552		800 mL	N°: XX072 Weight: 34,601
Z00 R02 m		800 mL	N°: XX305 Weight: 34,347		800 mL	N°: XX178 Weight: 34,306
Z00 R03 m		800 mL	N°: XX050 Weight: 36,764		800 mL	N°: XX154 Weight: 36,847
Z02 R01 m	###-Z02 PM-1	mL	N°: Weight:	###-Z02 FOI-1	mL	N°: Weight:
Z02 R02 m	###-Z02 PM-2	mL	N°: Weight:	###-Z02 FOI-2	mL	N°: Weight:
Z02 R03 m	###-Z02 PM-3	mL	N°: Weight:	###-Z02 FOI-3	mL	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 09 07 0 7 6

OPERATOR(S) Z.H.

Net 20 µm

Decknet
 Deployed at sea

SAMPLE SPLITTING

of cod-ends 1 2
Total volume 1600 mL 200 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



1/8
 200 mL
110mL
 15 mn



1/8
 200 mL
110mL
 15 mn

FCAM20
Bottle-250mL
LIVE



1/8 200 mL

E20
Falcon-15mL
+ 15mL ETOH
FRZ -20°C



1/8 200 mL

S20-L
Falcon-5mL
FRZ -20°C
+ 5 mL
NucleoProtect



1/8
 200 mL
110mL
 15 mn

MB20
Vial-4mL
FRZ -20°C



1/8 200 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		
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) Z.M.

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		<input checked="" type="checkbox"/> 1 (100%)	<input checked="" type="checkbox"/> 250 mL			
SAMPLE SPLITTING	COD-END #2	Total volume	Aliquots vol.			
		<input checked="" type="checkbox"/> 1600 mL	<input 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"/> S200 Cryo-5mL LN2 #1		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <i>20 mL</i> <input type="checkbox"/> 15 mn		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <i>20 mL</i> <input type="checkbox"/> 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo		<input type="checkbox"/> 1/8	<input type="checkbox"/> 200 mL <i>20 mL</i> <input type="checkbox"/> 15 mn			



	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 # # # #
 LOG-SAMPLES_ **2023** **09** **07** _STATION- **0 7 6** _S-LAB-NET-680
 OPERATOR(S) **Z.H.**

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		<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	<input type="checkbox"/> 250 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input type="checkbox"/> 50 % <input checked="" type="checkbox"/> 100 %	<input type="checkbox"/> 10 mL <input type="checkbox"/> 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		