LOG_SAMPLES_ YYYY `2024` MM `04` DD `11` **_STATION-** # `1` # `2` # `5` **_MERCURY**

OPERATOR(S) `MG`

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				112580784
Z02 m	###-Z02 p.MeHg				###-Z02 f.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	112580785	# 14 125,2 mg	3588		###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg

Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				

B4

Depth	COMMENTS	
Z00 m		

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	04	11	_STATION-	1	2	5	_W-LAB-142-1

OPERATOR(S): Eric

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	112547886	112547884	☐ 20L 13 L	☒ 15 min. min.	112547882	☐ 20L 13 L
Z00 R02 m	112547887	112547885	☐ 20L 13 L	☒ 15 min. min.	112547883	☐ 20L 13 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	☐ 20L L	☐ 15 min. min.	###-Z02 S<02	☐ 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	☐ 20L L	☐ 15 min. min.	###-Z02 S<02-2	☐ 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	112547889	112547888	☐ 50L 45 L	☒ 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
Z02 m	###-Z02 P320	###-Z02 P023	☐ 50L L	☐ 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	112547891	112547890	☐ 50L 45 L	☒ 60 min. min.	
Z02 m	###-Z02 S320-L	###-Z02 S023-L	☐ 50L L	☐ 60 min. min.	

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C1

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	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	04	11	_STATION-	1	2	5	_DECK-BGC

OPERATOR(S): Vanessa Pahl

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	112580863	112580864	112580865		112580897	112547903
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	112547770	112580866	112547773
Z00	R02 ___ m	112547771	112580867	112547774
Z00	R03 ___ m	112547772	112580868	112547775
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_ YYYY **2024** MM **04** DD **11** **_STATION-** # **1** # **2** # **5** **_TARDIS-SCP**

OPERATOR(S) Vanessa Pahl

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	112580887	✓ 2L	✓ 120 min.	112580891	✓ 2L	✓ 120 min.
	m		L	min.		L	min.
Z00	R02	112580888	✓ 2L	✓ 120 min.	112580892	✓ 2L	✓ 120 min.
	m		L	min.		L	min.
Z00	R03	112580889	✓ 2L	✓ 120 min.	112580893	✓ 2L	✓ 120 min.
	m		L	min.		L	min.
Z00	R04	112580890	✓ 2L	✓ 120 min.	112580894	✓ 2L	✓ 120 min.
	m		L	min.		L	min.
Z02	R01	###-Z02 PPL-1	☐ 2L	☐ 120 min.	###-Z02 HLB-1	☐ 2L	☐ 120 min.
	m		L	min.		L	min.
Z02	R02	###-Z02 PPL-2	☐ 2L	☐ 120 min.	###-Z02 HLB-2	☐ 2L	☐ 120 min.
	m		L	min.		L	min.
Z02	R03	###-Z02 PPL-3	☐ 2L	☐ 120 min.	###-Z02 HLB-3	☐ 2L	☐ 120 min.
	m		L	min.		L	min.
Z02	R04	###-Z02 PPL-4	☐ 2L	☐ 120 min.	###-Z02 HLB-4	☐ 2L	☐ 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	112580879	✓ 16L	✓ 30 min.	112580880	✓ 16L	✓ 30 min.
m		L	min.		L	min.
Z02	###-Z02 MB320	☐ 16L	☐ 30 min.	###-Z02 MB033	☐ 16L	☐ 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 `2024` MM `04` DD `11` **_STATION-** # # # `1` `2` `5` **_S-LAB-OTHER**

OPERATOR(S) *Iole Di Gru*

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	112547904	112547912	112547920	112547923	112547925	112547927
Z00	R02 m	112547905	112547913	112547921	112547924	112547926	112547928
Z00	R03 m	112547906	112547914	112547922	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112547907	112547915	Glycerol prealiquot - RT			
Z00	R05 m	112547908	112547916		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00	R06 m	112547909	112547917		112547566	112547569	112547572
Z00	R07 m	112547910	112547918		112547567	112547570	112547600
Z00	R08 m	112547911	112547919		112547568	112547571	112547601
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	112580898	☐ 30L 50 L	☒ 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	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1		
Z02	R02 m	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2		
Z02	R03 m	###-Z02 CP-G-3	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C		
Prealiquot		Glycerol prealiquot - RT					
				DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	
				###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3	
				$+ 100\ \mu L\ ZnCl^2$	$+ 100\ \mu L\ ZnCl^2$	$+ 100\ \mu L\ ZnCl^2$	

COMMENTS

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LOG-SAMPLES_S-LAB-DECKNET-5

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E2

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	04	11	_STATION-	1	2	5	_S-LAB-DECKNET-5

OPERATOR(S) Isle Di' Gron

Depth	Volume filtered (Litres)			
Z00	☐ 10 L			
m	8 L			
Z02	☐ 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	112547929	112547930	112547931	112547932
m				
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2
m				

*pre-aliquoted 5 mL PFA/GLUT store at -20°C   *** pre-aliquoted Glycine betaine store at 4°C**

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E2

Depth		COMMENTS SG5
Z00	R01	
	m	
Z00	R02	
	m	

Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	

YYYY	MM	DD	HH	MM		# # #		OPERATOR(S) INITIALS
2024	04	0911			_STATION-	1 2 45	_SML	Jole A'am

Water Collection

Number of dips: 20   **Volume Collected (L)** 800 ml

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)	112547862	112547863		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	112547864	112547865	112547866	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	112547867	112547868	112547869	250 ml filtered
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	112547870	112547871	112547872	250ml filtered

YYYY	MM	DD	HH	MM		# # #		OPERATOR(S) INITIALS
					_STATION-		_SML	

Water Collection

Number of dips: **Volume Collected (L)**

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)	### SML-FC-1	### SML-FC-2		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	### SML-CP-1	### SML-CP-2	### SML-CP-3	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### SML-320-1	### SML-320-2	### SML-320-3	
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### SML-023-1	### SML-023-2	### SML-023-3	

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E3

LOG_SAMPLES_	YYYY	MM	DD		_STATION-	#	#	#	_S-LAB-25-1
	2024	04	11			1	2	5	

OPERATOR(S): Emmanuelle Martins

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 0.71 2. 0.83 3. 0.77		112547801	150 mL	N° TE 390 Weight 37.381	
Z02 m	1. 2. 3.		**TRIPLICATES 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			30 min. / 10 min.
Z00 m	112547902	1080 mL	112547808	1080		
			Z00 R02 m	###-Z00 HP-2		30 min. / min.
			Z00 R03 m	###-Z02 HP-3		30 min. / min.
			Z02 R01 m	###-Z02 HP		30 min. / 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	112547802	1080 mL	N° TE315 Weight 38.012	112547805	1080 mL	N° TE284 Weight 37.559
Z00 R02 m	112547803	1080 mL	N° TE173 Weight 37.446	112547806	1080 mL	N° TE318 Weight 37.227
Z00 R03 m	112547804	1080 mL	N° TE257 Weight 37.410	112547807	1080 mL	N° TE108 Weight 37.308

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

Depth Replicate		COMMENTS PA - HP	
Z00			
	m		
Z02			
	m		

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LOG-SAMPLES_S-LAB-NET-20

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	YYYY	MM	DD		#	#	#	
LOG-SAMPLES_	2024	04	11	_STATION-	1	2	S	_S-LAB-NET-20

OPERATOR(S): Emmanuelle Martins

Net 20 µm

☒ Decknet
☐ Deployed at sea

SAMPLE SPLITTING

# of cod-ends	Total volume	Aliquots vol.
☒ 1 ☐ 2	☒ 1600 mL	☐ 200 mL

PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
🔵 **S20** Cryo-5mL LN2 #1	112547809	☒ 200 mL (1/8) ___ mL	☒ 15 mn	112547810	☒ 200 mL (1/8) ___ mL	☒ 15 mn
FCAM20 Bottle-250mL LIVE	112547811	☐ 200 mL (1/8)				
E20 Falcon-15mL **+ 15mL ETOH** FRZ -20°C	112547812	☒ 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C **+ 5 mL NucleoProtect**	112547813	☒ 200 mL (1/8) ___ mL				
MB20 Vial-4mL FRZ -20°C	112547814	☒ 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C **Prealiquoted PFA+GLUTA store at -20°C**	112547815	☒ 45 mL		112547816	☐ 45 mL ☒ 15 mL	
HG-20 Falcon-15mL FRZ -20°C	112547817	340 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		
HG 20 Falcon -15mL FRZ -20°C	I loose 200mL of the sample because i use the wrong siere.	

LOG-SAMPLES_

YYYY	MM	DD
2024	04	11

_STATION-

#	#	#
1	2	5

_S-LAB-NET-200

OPERATOR(S) Emmanuelle Martins

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	112547818	[X] 100% [ ] %	[X] 250 mL [ ] 500 mL

SAMPLE SPLITTING	COD-END #2	Total volume
		[X] 1600 mL

PROTOCOLS	Barcode	Filtered volume (mL)	Filtration time	Barcode	Filtered volume (mL)	Filtration time
● **S200 Cryo-5mL LN2 #1**	112547819	100	[X] 15 min	112547820	100	[X] 15 min
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112547821	100				
HG-200 Falcon-15mL FRZ -20°C	112547822	750				

	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		_STATION-	#	#	#	_S-LAB-NET-680
	2024	04	11			1	2	5	

OPERATOR(S): Emmanuelle Martins

Régent 680

SAMPLE SPLITTING		NET TOW n° **2**		FLOWMETER Total volume	NET TOW n° **1**		
	FLOWMETER	86 927	88 467		85 196	86 927	
					☒ 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	112547823	☒ 100 % / ___ %	☒ 250 mL / ☐ 500 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked #ind=	☐ 250 mL / ☐ 500 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				112547824	☒ 100 % / ___ %	220 mL
HG-680 Falcon-15mL FRZ -20°C				112547844		1250 mL

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LOG-SAMPLES_S-LAB-NET-680

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F4

	COMMENTS	COMMENTS
SAMPLE SPLITTING		
PROTOCOLS		
F680 Bottle-250mL RT >10°C		
F2000 Bottle-250mL RT >10°C		
S680-L Falcon-5mL FRZ -20°C		