LOG_SAMPLES_ | YYYY **2024** | MM **03** | DD **08** | _STATION- **1 0 6** | _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				112553875	
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	112553876	# 44 127 mg	4000		###-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					

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Depth	COMMENTS	
Z00 m		

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LOG_SAMPLES_ YYYY `2024` MM `03` DD `08` **_STATION-** # `1` # `0` # `6` **_W-LAB-142-1**

OPERATOR(S) `OB`

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	112499832	112499833	☐ 20L	☐ 15 min.	112499834	☐ 20L
m			12 L	14 min.		12 L
Z00 R02	112499835	112499836	☐ 20L	☐ 15 min.	112499837	☐ 20L
m			14 L	14 min.		14 L
Z02 R01	###-Z02 S320-1	###-Z02 S023	☐ 20L	☐ 15 min.	###-Z02 S<02	☐ 20L
m			L	min.		L
Z02 R02	###-Z02 S320-2	###-Z02 S023-2	☐ 20L	☐ 15 min.	###-Z02 S<02-2	☐ 20L
m			L	min.		L

Depth Replicate	● P320 Cryo-5mL LN2 #1	● P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm
Z00	112499838	112499839	☐ 50L	☐ 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2
m			45 L	50 min.	
Z02	###-Z02 P320	###-Z02 P023	☐ 50L	☐ 60 min.	
m			L	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	112553787	112553788	☐ 50L	☐ 60 min.	
m			45 L	45 min.	
Z02	###-Z02 S320-L	###-Z02 S023-L	☐ 50L	☐ 60 min.	
m			L	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	45 min filtration filter saturated
Z02 m	

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LOG_SAMPLES_ | YYYY **2024** | MM **03** | DD **08** | _STATION- | # **1** # **0** # **6** | _DECK-BGC

OPERATOR(S) **JUF**

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	112553868	112553869	112553870		112553880	112553643
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	112553871	112553864	112553867			
Z00	R02 ___ m	112553872	112553865	112553882			
Z00	R03 ___ m	112553863	112553866	112553883			
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					

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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	MM	DD	_STATION-	#	#	#	_TARDIS-SCP
	2024	03	08		1	0	6	

OPERATOR(S): JUF

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	112553884	☒ 2L / ☐ L	☒ 120 min. / ☐ min.	112553888	☒ 2L / ☐ L	☒ 120 min. / ☐ min.
Z00	R02	112553885	☒ 2L / ☐ L	☒ 120 min. / ☐ min.	112553889	☒ 2L / ☐ L	☒ 120 min. / ☐ min.
Z00	R03	112553886	☒ 2L / ☐ L	☒ 120 min. / ☐ min.	112553890	☒ 2L / ☐ L	☒ 120 min. / ☐ min.
Z00	R04	112553887	☒ 2L / ☐ L	☒ 120 min. / ☐ min.	112553891	☒ 2L / ☐ L	☒ 120 min. / ☐ min.
Z02	R01	###-Z02 PPL-1	☐ 2L / ☐ L	☐ 120 min. / ☐ min.	###-Z02 HLB-1	☐ 2L / ☐ L	☐ 120 min. / ☐ min.
Z02	R02	###-Z02 PPL-2	☐ 2L / ☐ L	☐ 120 min. / ☐ min.	###-Z02 HLB-2	☐ 2L / ☐ L	☐ 120 min. / ☐ min.
Z02	R03	###-Z02 PPL-3	☐ 2L / ☐ L	☐ 120 min. / ☐ min.	###-Z02 HLB-3	☐ 2L / ☐ L	☐ 120 min. / ☐ min.
Z02	R04	###-Z02 PPL-4	☐ 2L / ☐ L	☐ 120 min. / ☐ min.	###-Z02 HLB-4	☐ 2L / ☐ L	☐ 120 min. / ☐ 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	112553892	☒ 16L / ☐ L	☒ 30 min. / ☐ min.	112553893	☒ 16L / ☐ L	☒ 30 min. / ☐ min.
Z02	###-Z02 MB320	☐ 16L / ☐ L	☐ 30 min. / ☐ min.	###-Z02 MB033	☐ 16L / ☐ L	☐ 30 min. / ☐ min.

Depth		COMMENTS
Z00	R01	The MQW system has still not "recovered".
	m	For the cleaning ant the MQW blanks I used
Z00	R02	the MQW of 15.6 - 16.3 $M\Omega$. We don't know
	m	the reason why the system does not Produce the
Z00	R03	"usual" 18.3 $M\Omega$.
	m	
Z00	R04	
	m	
Z02	R01	
	m	
Z02	R02	
	m	
Z02	R03	
	m	
Z02	R04	
	m	

LOG_SAMPLES_ YYYY **2024** MM **03** DD **08** _STATION- **1 0 6** _S-LAB-OTHER

OPERATOR(S): **MARTA FURIA**

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	112499941	112499933	112499949	112499952	112499954	112499956
Z00	R02 m	112499942	112499934	112499950	112499953	112499955	112499957
Z00	R03 m	112499943	112499935	112499951	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112499944	112499936	Glycerol prealiquot - RT			
Z00	R05 m	112499945	112499937		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00	R06 m	112499946	112499938		112499466	112499910	112499913
Z00	R07 m	112499947	112499939		112499908	112499911	112499914
Z00	R08 m	112499948	112499940		112499909	112499912	112499915
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	112556839	☐ 30L ~ **20** L	☑ 30 min. min.		
Z02	m	###-Z02 eDNA	☐ 30L L	☐ 30 min. min.		

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
Z02	R01 m	###-Z02 HC-1	###-Z02 HC-G-1	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1
Z02	R02 m	###-Z02 HC-2	###-Z02 HC-G-2	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2
Z02	R03 m	###-Z02 HC-3	###-Z02 HC-G-3	###-Z02 CP-G-3	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z02	R04 m	###-Z02 HC-4	###-Z02 HC-G-4	Glycerol prealiquot - RT			
Z02	R05 m	###-Z02 HC-5	###-Z02 HC-G-5		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z02	R06 m	###-Z02 HC-6	###-Z02 HC-G-6		###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
Z02	R07 m	###-Z02 HC-7	###-Z02 HC-G-7				
Z02	R08 m	###-Z02 HC-8	###-Z02 HC-G-8				
Prealiquot		No prealiquot	Glycerol prealiquot - RT		+ 100 µL $ZnCl_2$	+ 100 µL $ZnCl_2$	+ 100 µL $ZnCl_2$

COMMENTS

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LOG_SAMPLES_ | YYYY **2024** | MM **03** | DD **08** | _STATION- | # **1** | # **0** | # **6** | _S-LAB-DECKNET-5

OPERATOR(S): MARTA FURIA

Depth	Volume filtered (Litres)		
Z00	☐ 10 L		
m	~90 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				
m	112556840	112556841	112499958	112499959
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

Depth		COMMENTS SG5
Z00	R01	
	m	
Z00	R02	
	m	

Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	

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tara EUROPA
E3

LOG_SAMPLES_ | YYYY: 2024 | MM: 03 | DD: 08 | **_STATION-** | # 1 | # 0 | # 6 | **_PPN2-PPN2exe**

OPERATOR(S): MARTA FURIA

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz		
Z00 m	1	09 : 08	09 : 15		
Z00 m	2	09 : 08	09 : 15		
Z00 m	3	09 : 08	09 : 15		

Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end
Z00 m	NAT-1	112499960	1220 ml	08 : 50	09 : 25
Z00 m	NAT-2	112499961	1630 mL	08 : 50	09 : 21
Z00 m	NAT-3	112499962	1360 ml	08 : 50	09 : 23

24h (+/- 30min) later   **Filtration < 40min**

Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time – start	Filtration time – end
Z00 m	PPN2-1	112499964	112499905	2300 ml	14 : 15	14 : 52
Z00 m	PPN2-2	112499965	112499906	2070 mL	14 : 15	14 : 59
Z00 m	PPN2-3	112499966	112499907	2300 ml	14 : 15	14 : 56
	BLANK	112499963	* +100 µL ZnCl			

Depth	COMMENTS

LOG_SAMPLES_ YYYY **2024** MM **03** DD **08** _STATION- # **1** # **0** # **6** _S-LAB-25-1

OPERATOR(S) E. LEGEAY

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 1,65 2. 2.10 3. 1,95		~~PM#-Z00 PM-CTRL~~ ✓	mL	N°	Weight
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)				
			112499863	###-Z00 HP-1	600 mL	☐ 30 min. 7 min.
Z00 m	112553797	600 mL	112499864	###-Z00 HP-2	600 mL	30 min 7 min.
Z02 m	###-Z02 PA	mL	112499865	###-Z02 HP-3	600 mL	30 min 7 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	112553798	600 mL	N° TE 336 Weight 36.900	112553801	600 mL	N° TE 396 Weight 36.518
Z00	R02 m	112553799	600 mL	N° TE 107 Weight 35.979	112553802	600 mL	N° TE 097 Weight 36.168
Z00	R03 m	112553800	600 mL	N° TE 096 Weight 37.277	112553803	600 mL	N° TE 238 Weight 37.270
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	
	Foi3 TE238 37.270

	YYYY	MM	DD		#	#	#	
LOG-SAMPLES_	2024	03	08	_STATION-	1	0	6	_S-LAB-NET-20

OPERATOR(S): **E. LEGEAY**

	Net 20 µm			☒ Decknet ☐ Deployed at sea			

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

PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
● S20 Cryo-5mL LN2 #1	112499861	☐ 200 mL (1/8) **250** mL	☒ 15 mn	112499862	☐ 200 mL (1/8) **250** mL	☒ 15 mn
FCAM20 Bottle-250mL LIVE	112553804	☐ 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C	112553805	☒ 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect	112553806	☐ 200 mL (1/8) **300** mL				
MB20 Vial-4mL FRZ -20°C	112553807	☒ 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112553808	☒ 45 mL		112553809	☒ 45 mL	
HG-20 Falcon-15mL FRZ -20°C	112553810	**270**				

F2

	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** 2024 **MM** 03 **DD** 08 _STATION- **#** 1 **#** 0 **#** 6 _S-LAB-NET-200

OPERATOR(S) E. LEGEAY

	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	112553811	[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**	112494835	150	[X] 15 min	112494836	150	[X] 15 min
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112553812	200				
HG-200 Falcon-15mL FRZ -20°C	112553813	1000				

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LOG-SAMPLES_S-LAB-NET-200

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F3

	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	03	08		1	0	6	

OPERATOR(S): **E. LEGEAY**

Régent 680

		NET TOW n° **2**				NET TOW n° **1**	
SAMPLE SPLITTING		**FLOWMETER** 01654 03927			FLOWMETER Total volume	98 857 01654	
					☑ 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	‖‖‖ 112553814	☒ 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				‖‖‖ 112553815	☒ 100 % □ %	100 mL
HG-680 Falcon-15mL FRZ -20°C				‖‖‖ 112553816		1200

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