Fondation tara océan
explore and share
LOG-SAMPLES_W-LAB-142-1
tara EUROPA
C1

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	11	05	_STATION-	0	9	5	_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 m	112494511	112494512	[ ] 20L [ ] 50L 15 L	[ ] 15' [ ] 60' 13 min.	112494513	[ ] 10L [ ] 20L 15 L
Z00 R02 m	112494514	112494515	[ ] 20L [ ] 50L 15 L	[ ] 15' [ ] 60' 13 min.	112494516	[ ] 10L [ ] 20L 15 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	[ ] 20L [ ] 50L L	[ ] 15' 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	112494517	112494518	[ ] 20L [ ] 50L 27 L	[ ] 15' [ ] 60' 45 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	112556065	112556066	[ ] 20L [✓] 50L 25 } 50 25 } 50 L	[ ] 15' [ ] 60 25 + 5 } 60 30 } min.
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60 min.

Depth Replicate		COMMENTS S###
Z00	R01	13 min filtration + 3/4 min purge
	m	No volume meter I just look at marks on the carboy
Z00	R02	
	m	
Z02	R01	
	m	
Z02	R02	
	m	

Depth	COMMENTS P###
Z00	no volume meter I just look at the mark on the carboy
m	filter saturated only 45 min filtration
Z02	
m	

Depth	COMMENTS S###L
Z00	25 min first filtration +5 min to collect and change filters ⟹ 30 min
m	No volume meter I just look at marks on the carboy.
Z02	
m	

LOG_SAMPLES_ | YYYY **2023** | MM **11** | DD **05** | **_STATION-** | # **0** | # **9** | # **5** | **_DECK-BGC**

OPERATOR(S) **DP**

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	112556245	112556246	112556247		112556159	###-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	112556254	112556248	112556251		
Z00	R02 m	112556255	112556249	112556252		
Z00	R03 m	112556256	112556250	112556253		
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	Exhaust smell was strong (little wind)		
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			

Fondation tara ocean — explore and share

LOG-SAMPLES_TARDIS-SCP

tara EUROPA — D2

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 **0** m	R01	112556257 PPL-1	[ ] 1L [X] 2L	[ ] 60' [ ] 120' ___ min.	112553275	[ ] 1L [X] 2L	[ ] 60' [ ] 120' ___ min.
Z00 **0** m	R02	112556258	[ ] 1L [X] 2L	[ ] 60' [ ] 120' ___ min.	112553276	[ ] 1L [X] 2L	[ ] 60' [ ] 120' ___ min.
Z00 **0** m	R03	112556259	[ ] 1L [X] 2L **2** L	[ ] 60' [ ] 120' **150** min.	112553277	[ ] 1L [X] 2L **2** L	[ ] 60' [ ] 120' **150** min.
Z00 **milliQ BL** m	R04	112556260	[X] 1L [ ] 2L ___ L	[X] 60' [ ] 120' ___ min.	112553274	[X] 1L [ ] 2L ___ L	[X] 60' [ ] 120' ___ min.
Z02 ___ m	R01	###-Z02 PPL-1	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-1	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.
Z02 ___ m	R02	###-Z02 PPL-2	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-2	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.
Z02 ___ m	R03	###-Z02 PPL-3	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-3	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.
Z02 ___ m	R04	###-Z02 PPL-4	[ ] 1L [ ] 2L ___ L	[ ] 60' [ ] 120' ___ min.	###-Z02 HLB-4	[ ] 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	112553272 MB320	[ ] 16L ___ L	[ ] 30 ___ min.	112553273	[ ] 16L ___ L	[ ] 30 ___ min.
Z02 ___ m	###-Z02 MB320	[ ] 16L ___ L	[ ] 30 ___ min.	###-Z02 MB033	[ ] 16L ___ L	[ ] 30 ___ min.

Depth		COMMENTS
Z00	R01 m	Extraction took 30 min longer due to power interruption
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	

		YYYY	MM	DD		#	#	#	
LOG_SAMPLES_		2023	11	05	_STATION-	0	9	5	_S-LAB-OTHER

OPERATOR(S): F. V

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	112494724	112494700	112494747	112494745	112494760	112494762
Z00	R02 m	112494725	112494701	112494748	112494746	112494761	112494763
Z00	R03 m	112494726	112494702	112494749	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112494727	112494703	Glycerol prealiquot - RT			
Z00	R05 m	112494728	112494704		DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C
Z00	R06 m	112494729	112494705		112494819	112494822	112494825
Z00	R07 m	112494730	112494706		112494820	112494823	112494826
Z00	R08 m	112494731	112494707		112494821	112494824	112494827
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	112556110	☒ 30L 30 L	[ ] 30 22 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	

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	11	05	_STATION-	0	9	5	_S-LAB-DECKNET-5

OPERATOR(S): F.V

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 ⟋⟋◯ L	13:24	13:54	112494770	112494771
Z02 m	[ ] 100 L 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	112556114	112556115			
Z02 m	### Z02 FM5-1	### Z02 FM5-2			
	*pre-aliquoted 5 mL PFA/GLUT stored at -20°C				

Depth		COMMENTS SG5
Z00	R01	
	m	
Z00	R02	
	m	

Depth		COMMENTS FM5
Z00	R01	
	m	
Z00	R02	
	m	

LOG_SAMPLES_ YYYY **2023** MM **11** DD **05** _STATION- # **0** # **9** # **5** _S-LAB-25-1

OPERATOR(S) MR

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)
Z00 m	1. 1,78 2. 2,13 3. 2,61		112555941	100 mL	N°: XX 354 Weight: 37,063
Z02 m	1. 2. 3.		**TRIPLICATES 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	HP Cryo-2mL LN2 #2	Filtration Volume (mL)	Filtration Duration (minutes)
Z00 m	112555940	635 mL	Z00 R02 ###-Z00 HP-2 m	112494038	635 mL	[ ] 30' [ ] 40' max 5 min
				###-Z00 HP-2	mL	[ ] 30' [ ] 40' max min
Z02 m	###-Z02 PA	mL	Z00 R03 ###-Z00 HP-3 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	112555942	635 mL	N°: XX 180 Weight: 36,801	112555945	635 mL	N°: XX 406 Weight: 36,767
Z00 R02 m	112555943	635 mL	N°: XX 047 Weight: 36,020	112555946	635 mL	N°: XX 364 Weight: 36,513
Z00 R03 m	112555944	635 mL	N°: XX 173 Weight: 37,613	112555947	635 mL	N°: XX 309 Weight: 36,986
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	

	YYYY	MM	DD		#	#	#	
LOG-SAMPLES_	2023	11	05	_STATION-	0	9	5	_S-LAB-NET-20

OPERATOR(S): MR MG

	Net 20 μm			[ ] Decknet [ ] 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**	‖‖‖ 112494039	[✓] 1/8	[✓] 200 mL [✓] 15 mn	‖‖‖ ###200 112494040	[✓] 1/8	[✓] 200 mL [✓] 15 mn	
FCAM20 **Bottle-250mL** **LIVE**	‖‖‖ 112555948	[✓] 1/8	[✓] 200 mL				
E20 **Falcon-15mL** **+ 15mL ETOH** **FRZ -20°C**	‖‖‖ 112555949	[✓] 1/8	[✓] 200 mL				
S20-L **Falcon-5mL** **FRZ -20°C** **+ 5 mL** **NucleoProtect**	‖‖‖ 112555950	[✓] 1/8	[✓] 200 mL [✓] 15 mn				
MB20 **Vial-4mL** **FRZ -20°C**	‖‖‖ 112555951	[✓] 1/8	[✓] 200 mL				
FM20 **Falcon-50mL** **FRG +4°C** **Prealiquoted** **PFA+GLUTA** **store at -20°C**	‖‖‖ 112555952	[✓] 45 mL		‖‖‖ 112556842 ###200 FM20-2	[✓] 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_ **823** | **11** | **05** _STATION- **0** **9** **5** _S-LAB-NET-200

OPERATOR(S): **MR NG**

	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	112555953	[●] 1 (100%)	[●] 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**	112494041	[ ] 1/8	[ ] 200 mL **175** [●] 15 mn	112494042	[ ] 1/8	[ ] 200 mL **175** [●] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112555954	[ ] 1/8	[ ] 200 mL **175** [●] 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_ **2023** | **11** | **05** _STATION- **O 9 5** _S-LAB-NET-680

YYYY | MM | DD

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OPERATOR(S) **MR AG**

Régent 680

SAMPLE SPLITTING	NET TOW #1 Total volume ☑ 1600 mL			NET TOW #2 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	|||||| 112555955	[ ] 50 % ☑ 100 %	☑ 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				|||||| 112555956	[ ] 50 % ☑ 100 %	[ ] **550** mL ☑ 15 mn

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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		