LOG_SAMPLES_ YYYY **2023** MM **08** DD **31** _STATION- # **0** # **7** # **2** _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	112496097	112496098	[ ] 20L [ ] 50L 14 L	[ ] 15' [ ] 60' 13 min.	112496099	[ ] 10L [ ] 20L 14 L
Z00 R02 m	112496100	112496101	[ ] 20L [ ] 50L 14 L	[ ] 15' [ ] 60' 13 min.	112496102	[ ] 10L [ ] 20L 13 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	112496103	112496104	[ ] 20L [ ] 50L 40 L	[ ] 15' [x] 60' 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	112556621	112556622	[ ] 20L [ ] 50L 21 } 48 27 } L	[ ] 15' [ ] 60 25+5 30 min.	} 60 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	
Z00	R02	"
	m	
Z02	R01	
	m	
Z02	R02	
	m	

Depth	COMMENTS P###
Z00	no volume meter. I just look at marks on the carboy
m	
Z02	
m	

Depth	COMMENTS S###L
Z00	25 min first filtration +5 to collect and change filters
m	
Z02	
m	

		YYYY	MM	DD		#	#	#	
LOG_SAMPLES_		2023	08	31	_STATION-	O	7	2	_DECK-BGC

OPERATOR(S): JaF

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		112556719	112556720	112556721		112556733	112556402
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	112556722	112556725	112556728			
Z00	R02 m	112556723	112556726	112556729			
Z00	R03 m	112556724	112556727	112556730			
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			

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LOG-SAMPLES_TARDIS-SCP

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LOG_SAMPLES_	YYYY **2023** MM **08** DD **31**	_STATION- **0 7 2**	_TARDIS-SCP
OPERATOR(S)	**J4F**		

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 m	R01	112556709	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.	112556713	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.
Z00 m	R02	112556710	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.	112556714	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.
Z00 m	R03	112556711	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.	112556715	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.
Z00 m	R04	112556712	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.	112556716	[ ] 1L [X] 2L	[ ] 60' [X] 120' — L ... min.
Z02 m	R01	###-Z02 PPL-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.	###-Z02 HLB-1	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.
Z02 m	R02	###-Z02 PPL-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.	###-Z02 HLB-2	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.
Z02 m	R03	###-Z02 PPL-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.	###-Z02 HLB-3	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.
Z02 m	R04	###-Z02 PPL-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — L ... min.	###-Z02 HLB-4	[ ] 1L [ ] 2L	[ ] 60' [ ] 120' — 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 m	112556717	[X] 16L — L	[X] 30 — min.	112556718	[X] 16L — L	[X] 30 — min.
Z02 m	###-Z02 MB320	[ ] 16L — L	[ ] 30 — min.	###-Z02 MB033	[ ] 16L — L	[ ] 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 `2023` MM `08` DD `31` **_STATION-** # # # `0 7 2` **_S-LAB-OTHER**

OPERATOR(S) `E. Nos`

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	112496163	112496155	112496143	112496127	112496129	112496131
Z00 R02 m	112496162	112496154	112496142	112496126	112496128	112496130
Z00 R03 m	112496161	112496153	112496141	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00 R04 m	112496160	112496152	Glycerol prealiquot - RT			
Z00 R05 m	112496159	112496151				
Z00 R06 m	112496158	112496150				
Z00 R07 m	112496157	112496149				
Z00 R08 m	112496156	112496148				
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	112556731	[X] 30L ___ L	[ ] 30 `29` min.	=> Collect filtrate for SS protocol onland : V<0.45	
Z02 m	###-Z02 eDNA	[ ] 30L ___ L	[ ] 30 ___ min.		

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LOG-SAMPLES_S-LAB-OTHER

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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 **2023**	MM **08**	DD **31**	_STATION-	# **0**	# **7**	# **2**	_S-LAB-DECKNET-5

OPERATOR(S) **E. Boss**

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 **90** L	07: **39**	08:40 — _End of filling_ 09:44 — _finish filtration_	112496144	112496145	
Z02 ___ m	[ ] 100 L ___ L	:	:	### Z02 SG5-1	### Z02 SG5-2	

Depth	FM5-1* Falcon-50mL FRG +4°C	FM5-2* Falcon-50mL FRG +4°C				
Z00 ___ m	112556634	112556635				
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**

Depth		COMMENTS SG5
Z00	R01 m	
Z00	R02 m	

Depth		COMMENTS FM5
Z00	R01 m	
Z00	R02 m	

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LOG-SAMPLES_SML-SEA-SURFACE-MICROLAYER

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YYYY	MM	DD	HH	MM		# # #		OPERATOR(S) INITIALS
2023	08	29	07	43	_STATION-	071	_SML	EB

Water Collection   Number of dips: 12   Volume Collected (L) 0.77

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)	# 112496122	# 112496123		Calm
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	112496116	# 112496117	112496118	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	### 112496110	#; 112496111	112496112	~180 ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### 112496113	## 112496114	112496115	~180 ml

YYYY	MM	DD	HH	MM		# # #		OPERATOR(S) INITIALS
2023	08	31	08	05	_STATION-	072	_SML	EBB

Water Collection   Number of dips: 12   Volume Collected (L) 0.85

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)	### 112496124	# 112496125		
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)	### 112496119	112496120	#: 112496121	
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	## 112495680	# 112496105	112496106	~190 ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	### 112496107	# 112496108	112496109	~190 ml

LOG_SAMPLES_	YYYY	MM	DD		_STATION-	#	#	#	_S-LAB-25-1
	2023	08	31			0	7	2	
OPERATOR(S)	Z.M.								

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)
Z00 _____ m	1. 0.55 2. 0.47 3. 0.35		###-Z00 PM-CTRL	_____ mL	N°: Weight:
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	112496186	1080 mL	[ ] 30' [ ] 40' **8'** max min
Z00 _____ m	112556690	1080 mL	Z00 R02 _____ m	###-Z00 HP-2 _____ mL		[ ] 30' [ ] 40' max min
Z02 _____ m	###-Z02 PA _____ 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	112556691	1080 mL	N°: TR237 Weight: 37,873	112556694	1080 mL	N°: TR131 Weight: 37,343
Z00	R02 _____ m	112556692	1080 mL	N°: TR166 Weight: 38,315	112556695	1080 mL	N°: TR191 Weight: 37,379
Z00	R03 _____ m	112556693	1080 mL	N°: TR281 Weight: 37,432	112556696	1080 mL	N°: TR128 Weight: 38,137
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	08	31		0	7	2	

OPERATOR(S): Z.H.

	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	112496189	[●] 1/8	[●] 200 mL [ ] 15 mn	112496190	[●] 1/8	[●] 200 mL [ ] 15 mn
FCAM20 Bottle-250mL LIVE	112556699	[●] 1/8	[●] 200 mL			
E20 Falcon-15mL **+ 15mL ETOH** FRZ -20°C	112556700	[●] 1/8	[●] 200 mL			
S20-L Falcon-5mL FRZ -20°C **+ 5 mL NucleoProtect**	112556701	[●] 1/8	[●] 200 mL [ ] 15 mn			
MB20 Vial-4mL FRZ -20°C	112556702	[●] 1/8	[●] 200 mL			
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C	112556703	[●] 45 mL		112556706	[●] 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		

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LOG-SAMPLES_S-LAB-NET-200
tara EUROPA
F3

	YYYY	MM	DD			#	#	#	
LOG-SAMPLES_	2023	08	31	_STATION-		0	7	2	_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	112556697	[●] 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**	112496187	[ ] 1/8	[ ] 200 mL 40 mL [ ] 15 mn	112496188	[ ] 1/8	[ ] 200 mL 40 mL [ ] 15 mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112556698	[ ] 1/8	[ ] 200 mL 40 mL [ ] 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		

	YYYY	MM	DD		#	#	#	
LOG-SAMPLES_	2023	08	31	_STATION-	0	7	2	_S-LAB-NET-680

OPERATOR(S)	Z.M.

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**	112556705	[ ] 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**				112556704	[ ] 50 % [●] 100 %	[ ] 20 mL [ ] 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		