	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	07	20	_STATION-	0	5	2	_W-LAB-142-1

OPERATOR(S): Eric P

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	112497770	112497772	[ ] 20L [ ] 50L **8** L	☒15' [ ] 60' min.	112497774	[ ] 10L [ ] 20L **8** L
Z00 R02 m	112497771	112497773	[ ] 20L [ ] 50L **8** L	☒15' [ ] 60' min.	112497775	[ ] 10L [ ] 20L **8** 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	112497776	112497777	[ ] 20L [ ] 50L **9** L	[ ] 15' ☒ 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	112497778	112497779	[ ] 20L [ ] 50L **9** L	[ ] 15' ☒ 60 min.	
Z02 m	###-Z02 S320-L	###-Z02 S023-L	[ ] 20L [ ] 50L L	[ ] 15' [ ] 60 min.	

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	

LOG_SAMPLES_	**YYYY** 2023 **MM** 07 **DD** 20	_STATION- **#** 0 **#** 5 **#** 2	_DECK-BGC
OPERATOR(S)	T.S.		

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	||||||| 112558368	||||||| 112558369	||||||| 112558371		||||||| 112558454	###-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	||||||| 112558375	||||||| 112558372	||||||| 112558378			
Z00	R02 ___ m	||||||| 112558376	||||||| 112558373	||||||| 112558379			
Z00	R03 ___ m	||||||| 112558377	||||||| 112558374	||||||| 112558380			
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			
	– Leak at the pump detected but no droplets going into the sample detected			

LOG_SAMPLES_ YYYY `2023` MM `07` DD `20` _STATION- # `0` # `5` # `2` _TARDIS-SCP

OPERATOR(S) `T.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 m	R01	112558385	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.	112558335	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.
Z00 m	R02	112558386	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.	112558367	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.
Z00 m	R03	112558387	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.	112558364	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.
Z00 m	R04	112558388 pH2	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 min.	112558365	[ ] 1L [•] 2L L	[ ] 60' [ ] 120' ~180 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-MQW- pH2	[ ] 1L [ ] 2L L	[ ] 60' [ ] 120' min.	###-Z02 HLB-MQW	[ ] 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	112558366	[ ] 16L 20 L	[ ] 30 min.	112558389	[ ] 16L 20 L	[ ] 30 min.
Z02 m	###-Z02 MB320	[ ] 16L L	[ ] 30 min.	###-Z02 MB033	[ ] 16L L	[ ] 30 min.

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LOG-SAMPLES_TARDIS-SCP

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D2

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	
		- lower part (with collection carboy) opened while people where smoking, actual extraction station remained closed

LOG_SAMPLES_	YYYY	MM	DD		_STATION-	#	#	#	_S-LAB-OTHER
	2023	07	20			0	5	2	

OPERATOR(S): HB

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	112497871	112497879	112497893	112497887	112497889	112497891
Z00	R02 m	112497872	112497880	112497894	112497888	112497890	112497892
Z00	R03 m	112497873	112497881	112497895	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at -20°C
Z00	R04 m	112497874	112497882	Glycerol prealiquot - RT			
Z00	R05 m	112497875	112497883		DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C	DGAS* 12 mL exetainer +4°C
Z00	R06 m	112497876	112497884		112497817	112497820	112497823
Z00	R07 m	112497877	112497885		112497818	112497821	112497824
Z00	R08 m	112497878	112497886		112497819	112497822	112497825
Prealiquot		No prealiquot	Glycerol prealiquot - RT		* + 100 µL ZnCl²	* + 100 µL ZnCl²	* + 100 µL ZnCl²

Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m	112558421	~~300~~ 20 L	~~30~~ ~~30~~ 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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E1

Depth Replicate		COMMENTS
Z00	R01 m	I put 4mL instead of 3mL in the HC-1 sample.
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	07	20	_STATION-	O	5	2	_S-LAB-DECKNET-5

OPERATOR(S): HB

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 **85** L	:	:	112497896	112497897	
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	112558444	112558445				
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	MM	DD		_STATION-	#	#	#	_S-LAB-25-1
	2023	07	20			0	5	2	

OPERATOR(S): Clara

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 _m_	1. 0.54 2. 1.12 3. 0.59		###-Z00 PM-CTRL	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	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)			Filtration Volume (mL)	Filtration Duration
			Z00 R01 _m_	[barcode 112497746]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	[ ]30' [ ]40' max — 5 min
Z00 _m_	[barcode 112558401]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	Z00 R02 _m_	###-Z00 HP-2	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	[ ]30' [ ]40' max min
Z02 _m_	###-Z02 PA	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	Z00 R03 _m_	###-Z00 HP-3	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	[ ]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_	[barcode 112558395]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	N°: TR 287 Weight: 36,546	[barcode 112558398]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	N°: TR 230 Weight: 37,948
Z00 R02 _m_	[barcode 112558396]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	N°: TR 132 Weight: 37,655	[barcode 112558399]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	N°: TR 296 Weight: 36,165
Z00 R03 _m_	[barcode 112558397]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	N°: TR 11 Weight: 36,939	[barcode 112558400]	[ ]65 [ ]135 [ ]270 [x]635 [ ]1080 [ ]2270	N°: TR 196 Weight: 37,223
Z02 R01 _m_	###-Z02 PM-1	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	N°: Weight:	###-Z02 FOI-1	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	N°: Weight:
Z02 R02 _m_	###-Z02 PM-2	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	N°: Weight:	###-Z02 FOI-2	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	N°: Weight:
Z02 R03 _m_	###-Z02 PM-3	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	N°: Weight:	###-Z02 FOI-3	[ ]65 [ ]135 [ ]270 [ ]635 [ ]1080 [ ]2270	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 2023	MM 07	DD 20	_STATION-	# 0	# 5	# 2	_S-LAB-NET-20

OPERATOR(S): Clara

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	112497741	[✗] 1/8	[ ] 200 mL 165mL [✗] 15 mn	112497742	[ ] 1/8	[ ] 200 mL 190mL [✗] 15 mn
FCAM20 Bottle-250mL LIVE	112558402	[✗] 1/8	[ ] 200 mL			
E20 Falcon-15mL **+ 15mL ETOH** FRZ -20°C	112558403	[✗] 1/8	[✗] 200 mL			
S20-L Falcon-5mL FRZ -20°C **+ 5 mL NucleoProtect**	112558404	[✗] 1/8	[✗] 200 mL [ ] 15 mn			
MB20 Vial-4mL FRZ -20°C	112558405	[✗] 1/8	[ ] 200 mL 210 mL			
FM20 Falcon-50mL FRG +4°C **Prealiquoted PFA+GLUTA store at -20°C**	112558406	[✗] 45 mL		112558407	[✗] 45 mL	

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	MM	DD		_STATION-	#	#	#	_S-LAB-NET-200
	2023	07	20			O	5	2	

OPERATOR(S): Clara

	Horizontal WPII-200						
SAMPLE SPLITTING	**COD-END #1**						
PROTOCOLS	**Barcode**		**Aliquot Volume (mL)**				
F200 Bottle-250mL + borax/formol RT >10°C	112558408		[x] 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**	112497744	[x] 1/8	[ ] 200 mL 140mL [x] 15 mn	112497745	[o] 1/8	[ ] 200 mL 150mL [ ] 15 mn 16mn
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo	112558409	[o] 1/8	[ ] 200 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		

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LOG-SAMPLES_S-LAB-NET-680

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F4

LOG-SAMPLES_	YYYY	MM	DD		_STATION-	#	#	#	_S-LAB-NET-680
	2023	07	20			0	5	2	

OPERATOR(S) | Clara

Régent 680

SAMPLE SPLITTING	NET TOW #1			NET TOW #2		
	Total volume [ ] 1600 mL			Total volume [ ] 1600 mL		
PROTOCOLS	Barcode		Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
F680 Bottle-250mL RT >10°C + Borax/Formol	### ZOO F680		[ ] 250 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	112558410	hand-picked #ind= Jellyfishes	250 mL →	done with the 200µm net		
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect				112558411		[ ] 200 mL [ ] 400 mL [ ] 600 mL [ ] 800 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		