



LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_MERCURY

OPERATOR(S)

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	<del>###-Z00 p.MeHg</del>	# 40 126,8mg	4915	39	
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					<del>###-Z00 f.THg</del>
Z02 m	###-Z02 p.THg				<del>###-Z02 f.THg</del>
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	<del>###-Z00 uf.THg</del>				
Z02 m	<del>###-Z02 uf.THg</del>				





1 2 1 20 20 202

Depth	COMMENTS	
Z00  m	03 212.1	0.2 #
		pm 8, 28.1





LOG\_SAMPLES\_ YYYY MM DD 2024 06   \_STATION- # # # 1 6 1 \_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			<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			9 L	13 min.		8 L
Z00 R02			<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.		<input type="checkbox"/> 20L
m			9 L	13 min.		9 L
Z02 R01	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.	###-Z02 S<02	<input type="checkbox"/> 20L
m			L	min.		L
Z02 R02	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L	<input type="checkbox"/> 15 min.	###-Z02 S<02-2	<input type="checkbox"/> 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			<input type="checkbox"/> 50L	<input type="checkbox"/> 60 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
m			10 L	15 min.		
Z02	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L	<input type="checkbox"/> 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			<input type="checkbox"/> 50L	<input type="checkbox"/> 60 min.		
m			20 L	25 min.		
Z02	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L	<input type="checkbox"/> 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	filter saturated
Z02 m	
Depth	COMMENTS S###L
Z00 m	1st filter ~10L → 15 min 2d filter ~10 → 10 min
Z02 m	





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_DECK-BGC

OPERATOR(S)

2024 06 09 1 6 1 DECK-BGC

Lea

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					
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-Z02 SAL
	+ 150 µl HCl			+ 300 µl HgCl <sub>2</sub>	
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C		
Z00 R01 m					
Z00 R02 m					
Z00 R03 m					
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			





YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2021 06 09 \_STATION- 1 6 1 \_TARDIS-SCP  
 OPERATOR(S) Dea

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 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.
Z00 R02 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.
Z00 R03 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.
Z00 R04 m		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.		<input checked="" type="checkbox"/> 2L L	<input checked="" type="checkbox"/> 120 min. min.
Z02 R01 m	###-Z02 PPL-1	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-1	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.
Z02 R02 m	###-Z02 PPL-2	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-2	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.
Z02 R03 m	###-Z02 PPL-3	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-3	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.
Z02 R04 m	###-Z02 PPL-4	<input type="checkbox"/> 2L L	<input type="checkbox"/> 120 min. min.	###-Z02 HLB-4	<input type="checkbox"/> 2L L	<input type="checkbox"/> 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 m		<input checked="" type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. <u>20</u> min.		<input checked="" type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. <u>20</u> min.
Z02 m	###-Z02 MB320	<input type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. min.	###-Z02 MB033	<input type="checkbox"/> 16L L	<input type="checkbox"/> 30 min. min.





Depth		COMMENTS
Z00	R01 m	1B320 filter a bit torn by suction in filtration system.
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\_ 2024 06      \_STATION- 1 6 1 \_S-LAB-OTHER  
 OPERATOR(S) FALLINI FEDERICO

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	 112525242	 112525250	 112525258	 112525075	 112525077	 112525079
Z00 R02 m	 112525243	 112525251	 112525259	 112525076	 112525078	 112525080
Z00 R03 m	 112525244	 112525252	 112525260	Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00 R04 m	 112525245	 112525253	Glycerol prealiquot - RT			
Z00 R05 m	 112525246	 112525254		DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m	 112525247	 112525255		 112525146	 112525149	 112525152
Z00 R07 m	 112525248	 112525256		 112525147	 112525150	 112525153
Z00 R08 m	 112525249	 112525257		 112525148	 112525151	 112525154
<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>	+ 100 µL ZnCl <sup>2</sup>
<b>Depth Replicate</b>	<b>eDNA Watera capsule RT</b>	<b>Filtration Volume (Litres)</b>	<b>Filtration Duration (minutes)</b>	<b>+ 50 mL of buffer</b>	<b>&lt; 0.45 µm</b>	
Z00 m	 112525074	<input type="checkbox"/> 30L <u>35</u> L	<input checked="" type="checkbox"/> 30 min. min.			





LOG\_SAMPLES\_ 2024 06 09 \_STATION- 1 6 1 \_S-LAB-DECKNET-5

OPERATOR(S) FALCINI FEDERICO → FEDE (here after)

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	3.37 L				
Z02	<input type="checkbox"/> 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	112525231	112525232	112525233	112525086	
m					
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2	
m					
					<p>→ There is an empty SG5-2 tube in the dewar (11252534)</p> <p>↓</p> <p>The right one is the new 112525086 (blu ink)</p>
	*pre-aliquoted 5 mL PFA/GLUT store at -20°C		* pre-aliquoted Glycine betaine store at 4°C		





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_PPN2-PPN2exe

OPERATOR(S) **FALCINI FEDERICO** → FEDE

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	12:00	12:00			
Z00 m	2	12:00	12:00			
Z00 m	3	12:00	12:00			


Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end	
Z00 m	NAT-1			10:30	10:50	
Z00 m	NAT-2			10:30	10:50	
Z00 m	NAT-3			10:30	11:05	












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			600	12:40	13:00
Z00 m	PPN2-2			600	12:40	13:20
Z00 m	PPN2-3			600	12:40	13:25
	BLANK		* +100 µL ZnCl			



	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	06	09	11	00	_STATION- 161 _SML			F.F.

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

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	





LOG\_SAMPLES\_ **2024 06 09** \_STATION- **1 6 1** \_S-LAB-25-1  
 OPERATOR(S) **BATTISTELLA Aude**

Depth	Turbidimeter (FNU)		PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00	1. 0,95 2. 0,97 3. 0,96			1080 mL	N° T23-35 Weight 35,101	
Z02	1. 2. 3.		TRIPPLICATES 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		<input type="checkbox"/> 30 min. 45 min.	
Z00		635 mL	Z00 R02 m	###-Z00 HP-2	<input type="checkbox"/> 30 min. min.	
			Z00 R03 m	###-Z02 HP-3	<input type="checkbox"/> 30 min. min.	
			Z02 R01 m	###-Z02 HP	<input type="checkbox"/> 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		1100 mL	N° T23-68 Weight 36,077		635 mL	N° T23-39 Weight 34,942
Z00 R02 m		1000 mL	N° T23-85 Weight 37,429		635 mL	N° TE100 Weight 37,349
Z00 R03 m		635 mL	N° T23-37 Weight 35,287		635 mL	N° T23-2 Weight 35,065





Depth Replicate		COMMENTS PM	COMMENTS FOI
Z00	R01 m		
Z00	R02 m		
Z00	R03 m		
Depth Replicate		COMMENTS PA - HP	
Z00	m		
Z02	m		





LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-20

OPERATOR(S) BATTISTELLA Aude

		Net 20 µm		<input checked="" type="checkbox"/> Decknet <input type="checkbox"/> Deployed at sea		
SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input type="checkbox"/> 1 <input type="checkbox"/> 2	<input checked="" type="checkbox"/> 1600 mL	<input checked="" type="checkbox"/> 200 mL			
PROTOCOLS	Barcode	Aliquot volume (mL)	Filtration time	Barcode	Aliquot volume (mL)	Filtration time
<input checked="" type="checkbox"/> S20 Cryo-5mL LN2 #1		<input type="checkbox"/> 200 mL (1/8) <b>75</b> mL	<input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 200 mL (1/8) <b>75</b> mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input type="checkbox"/> 200 mL (1/8) <b>15</b>				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input type="checkbox"/> 200 mL (1/8) <b>100</b> mL				
MB20 Vial-4mL FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
FM20 Falcon-50mL FRG +4°C Prealiquoted PFA+GLUTA store at -20°C		<input type="checkbox"/> 45 mL <b>15</b>			<input type="checkbox"/> 45 mL <b>15</b>	
HG-20 Falcon-15mL FRZ -20°C		<b>820</b>				





	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		





YYYY MM DD # # #  
 LOG-SAMPLES\_ 2024 06 09 \_STATION- 1 6 1 \_S-LAB-NET-200  
 OPERATOR(S) BATTISTELLA Aude

		<u>Horizontal</u> WPII-200				
SAMPLE SPLITTING	COD-END #1					
PROTOCOLS	Barcode	Fraction of total volume	Aliquot Volume (mL)	<i>We lost the cod-ends =&gt; NO SAMPLES</i>		
F200 Bottle-250mL + borax/formol RT >10°C		<input type="checkbox"/> 100%	<input type="checkbox"/> 250 mL			
		<input type="checkbox"/> %	<input type="checkbox"/> 500 mL			
SAMPLE SPLITTING	COD-END #2	Total volume				
		<input type="checkbox"/> 1600 mL				
PROTOCOLS	Barcode	Filtered volume (mL)	Filtration time	Barcode	Filtered volume (mL)	Filtration time
S200 Cryo-5mL LN2 #1			<input type="checkbox"/> 15 min			<input type="checkbox"/> 15 min
S200-L Falcon-5mL FRZ -20°C + 5mL Nucleo						
HG-200 Falcon-15mL FRZ -20°C						





	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		

No sampling in this station, Net 200 was broken

*above - box add final sec*

*NO SAMPLE*





LOG-SAMPLES\_ YYYY MM DD # # # \_STATION- # # # \_S-LAB-NET-680

OPERATOR(S) BATTISTELLA Aude

Régent 680

SAMPLE SPLITTING	NET TOW n° <span>2</span>		NET TOW n° <span>1</span>			
	FLOWMETER <span>28521</span>	<span>29214</span>	FLOWMETER <span>25042</span>	Total volume <span>28519</span>		
	<input type="checkbox"/> 1600 mL					
PROTOCOLS	Barcode	Fraction of total volume	Bottle volume (mL)	Barcode	Fraction of total volume	Aliquot Volume (mL)
<b>F680</b> Bottle-250mL RT >10°C + <b>Borax/Formol</b>		<input type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL		<input type="checkbox"/> 100 %	20 mL
		<span>50</span> %	<input type="checkbox"/> 500 mL			
<b>F2000</b> Bottle-250mL RT >10°C + <b>borax/formol</b>	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL		<input type="checkbox"/> 100 %	500
		#ind=	<input type="checkbox"/> 500 mL			

← 50% of the sample.





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