



YYYY MM DD # # #  
 LOG\_SAMPLES\_ 2024 06 25 \_STATION- 1 7 0 \_W-LAB-142-1  
 OPERATOR(S) Peolo Junger

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 9 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 9 L
Z00 R02			<input type="checkbox"/> 20L 10 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 10 L
Z02 R01	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02	<input type="checkbox"/> 20L L
Z02 R02	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02-2	<input type="checkbox"/> 20L 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 25 L	<input type="checkbox"/> 60 min. 36 min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. 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 48 L	<input checked="" type="checkbox"/> 60 min. min.		
Z02	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. 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	1st filter : 27L 37min 2nd filter : 21L 23min
Z02	m	





LOG\_SAMPLES\_ YYYY MM DD # # #  
 2024 06 25 \_STATION- 1 7 0 \_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	<del>###-Z00 p.MeHg</del>				
Z02 m	<del>###-Z02 p.MeHg</del>				###-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		# 327 131,57 mg	5394		<del>###-Z00 f.THg</del>
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	<del>###-Z00 uf.THg</del>				
Z02 m	<del>###-Z02 uf.THg</del>				





0 7 1

28 20 2002

24

Depth	COMMENTS	
200 m		
	<p>2002</p>	<p>28 20 2002</p>





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

OPERATOR(S) GIANCARLO

2024 06 25 170

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						###-Z00 SAL
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					





071

25 20 1505

0392011-0

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\_ **2024** **06** **25** \_STATION- **170** \_TARDIS-SCP

OPERATOR(S) **GIANCARLO**

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 	<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	141 min.		L	139 min.
Z00	R02 	<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	133 min.		L	133 min.
Z00	R03 	<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	133 min.		L	133 min.
Z00	R04 	<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	138 min.		L	133 min.
Z02	R01 ###-Z02 PPL-1	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-1	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	min.		L	min.
Z02	R02 ###-Z02 PPL-2	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-2	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	min.		L	min.
Z02	R03 ###-Z02 PPL-3	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-3	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	min.		L	min.
Z02	R04 ###-Z02 PPL-4	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.	###-Z02 HLB-4	<input type="checkbox"/> 2L	<input type="checkbox"/> 120 min.
	m	L	min.		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		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.		<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.
	m	20 L	28 min.		20 L	28 min.
Z02	###-Z02 MB320	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.	###-Z02 MB033	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.
	m	L	min.		L	min.





Depth		COMMENTS
Z00	R01 m	(toilet??) BAD SMELL ON DECK DURING EXTRACTION AND WHEN I REMOVED THE CARTRIDGES.
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z02	R01 m	
Z02	R02 m	
Z02	R03 m	
Z02	R04 m	





LOG\_SAMPLES\_ YYYY MM DD # # # \_STATION- \_S-LAB-OTHER  
 OPERATOR(S) JEREMY

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						
Z00 R02 m						
Z00 R03 m				Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00 R04 m			Glycerol prealiquot - RT			
Z00 R05 m				DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
<b>Prealiquot</b>	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl <sub>2</sub>	+ 100 µL ZnCl <sub>2</sub>	+ 100 µL ZnCl <sub>2</sub>
<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		<input checked="" type="checkbox"/> 30L L	<input type="checkbox"/> 30 min. 20 min.			





LOG\_SAMPLES\_ 

YYYY	MM	DD
2024	06	25

 \_STATION- 

#	#	#
1	7	0

 \_S-LAB-DECKNET-5

OPERATOR(S) 

JEREMY
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Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	11,3 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	112547196	112547197	112547198	112547199
m				
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



QR	YYYY	MM	DD	HH	MM	#	#	#	OPERATOR(S) INITIALS
	2024	06	25						JEREMY
						_STATION-	170		_SML

Water Collection		Number of dips: 12		Volume Collected (L) 750		
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\_ YYYY MM DD # # # \_STATION- # # # \_PPN2-PPN2exe

OPERATOR(S) JEREMY

2024 06 [ ] 1 7 0

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz
Z00 m	1	7 : 55	8 : 05
Z00 m	2	7 : 55	8 : 55
Z00 m	3	7 : 55	8 : 05

Depth	Natural abundance - TO	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end
Z00 m	NAT-1			6 : 02	6 : 45
Z00 m	NAT-2			6 : 02	6 : 45
Z00 m	NAT-3			6 : 02	6 : 45

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				8 : 55	9 : 30
Z00 m	PPN2-2				8 : 55	9 : 30
Z00 m	PPN2-3				8 : 55	9 : 38
	BLANK		* +100 µL ZnCl			





LOG\_SAMPLES\_ **2024 06 25** \_STATION- **1 7 0** \_S-LAB-25-1

OPERATOR(S) **LETOINE Julie**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)		
Z00	1. <b>0,69</b> 2. <b>0,75</b> 3. <b>0,58</b>	###-Z00 PM-CTRL	mL	N° Weight		
Z02	1. 2. 3.	<b>TRIPPLICATES ONCE A MONTH FOR HP</b>	<b>HP Cryo-2mL LN2 #3</b>	<b>Filtration Volume (mL)</b> <b>Filtration Duration (minutes)</b>		
Depth	<b>PA Petridish FRZ -20°C</b>	<b>Filtration Volume (mL)</b>	Z00 R01 m	 <b>1910</b> <input checked="" type="checkbox"/> 30 min.		
Z00		<b>1910</b> mL	Z00 R02 m	###-Z00 HP-2 <input type="checkbox"/> 30 min.		
			Z00 R03 m	###-Z02 HP-3 <input type="checkbox"/> 30 min.		
			Z02 R01 m	###-Z02 HP <input type="checkbox"/> 30 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		<b>1910</b> mL	N° <b>F81</b> Weight <b>36,848</b>		<b>1910</b> mL	N° <b>F63</b> Weight <b>36,900</b>
Z00 R02		<b>1910</b> mL	N° <b>F65</b> Weight <b>36,577</b>		<b>1910</b> mL	N° <b>F14</b> Weight <b>36,518</b>
Z00 R03		<b>1910</b> mL	N° <b>F93</b> Weight <b>36,099</b>			N° <b>F88</b> Weight <b>36,660</b>





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) LEMOINE Julie

Net 20  $\mu$ m

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
<input checked="" type="checkbox"/> S20 Cryo-5mL LN2 #1		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn		<input checked="" type="checkbox"/> 200 mL (1/8) mL	<input checked="" type="checkbox"/> 15 mn
FCAM20 Bottle-250mL LIVE		<input checked="" type="checkbox"/> 200 mL (1/8)				
E20 Falcon-15mL + 15mL ETOH FRZ -20°C		<input checked="" type="checkbox"/> 200 mL (1/8)				
S20-L Falcon-5mL FRZ -20°C + 5 mL NucleoProtect		<input checked="" type="checkbox"/> 200 mL (1/8) 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 <i>15</i>			<input type="checkbox"/> 45 mL <i>15</i>	
HG-20 Falcon-15mL FRZ -20°C		<i>560</i>				





	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

OPERATOR(S) LENOINE Julie

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



100%



250 mL

%



500 mL

SAMPLE SPLITTING

COD-END #2

Total volume



1600 mL

PROTOCOLS

Barcode

Filtered volume (mL)

Filtration time

Barcode

Filtered volume (mL)

Filtration time

S200  
Cryo-5mL  
LN2 #1



90



15 min



90



15 min

S200-L  
Falcon-5mL  
FRZ -20°C  
+ 5mL Nucleo



120

HG-200  
Falcon-15mL  
FRZ -20°C



1000





	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\_    \_STATION-    \_S-LAB-NET-680

OPERATOR(S)

Régent 680						
SAMPLE SPLITTING	NET TOW n° <input type="text" value="2"/>		NET TOW n° <input type="text" value="1"/>		FLOWMETER	
	FLOWMETER <input type="text" value="22234"/>	<input type="text" value="30114"/>	Total volume <input type="text" value="18953"/>	<input type="text" value="23234"/>	<input checked="" 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 checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
		%	<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			
		#ind=	<input type="checkbox"/> 500 mL			
<b>S680-L</b> Falcon-5mL FRZ -20°C + 5mL <b>Nucleoprotect</b>		<input checked="" type="checkbox"/> 100 %				600 mL
		%				
<b>HG-680</b> Falcon-15mL FRZ -20°C					<input type="checkbox"/>	1000





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