



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _METADATA

2024 04 26 1 3 6

BATHYMETRY LATITUDE LONGITUDE

17m 41,7803 012,1541

START UTC HH:MM END UTC HH:MM STATION NAME

06 00 11 00 Tivee shore

Depth	SALINITY (from TSG U-Lab)	SEAWATER TEMPERATURE °C (from TSG in U-Lab)	TURBIDITY (1 = open ocean; 2 = coastal; 3 = estuary)	TURBIDITY DATA FNU (from S-Lab)	FLUORESCENCE µg.L ⁻¹ (from fluoroprobe in U-Lab)		
[1] Z=	m	37.4606	15.8340	1 <input type="checkbox"/>	2.00	/	
				2 <input type="checkbox"/>			1.90
				3 <input checked="" type="checkbox"/>			2.01
[2] Z=	m			1 <input type="checkbox"/>			
				2 <input type="checkbox"/>			
				3 <input type="checkbox"/>			
[3] Z=	m			1 <input type="checkbox"/>			
				2 <input type="checkbox"/>			
				3 <input type="checkbox"/>			

• COMMENTS With LSI. Estuary. Seastate 2-3.
Nice plankton in the nets, still a lot of larvae of shrimps
in the 680µm. (pneulanidae)

• LISTS OF DEPLOYMENTS BY STATION:

NORMAL SITE SERVICE SITE

- ROSETTE
- A20 PUMP FOR OMICS
- A40 PUMP FOR DECKNET 20 µM
- NET 200 µM
- BOW POLE
- SML
- A20 PUMP FOR DECKNET 5 µM
- ASM
- NET 680 µM
- MERCURY
- SECCHI DISK: 4m



00.2
00.1
10.2



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY
2024 04 26 1 3 6
 OPERATOR(S) DC

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	###-Z00 p.MeHg				
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		#71 135,23	2345	20	###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				

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Depth	COMMENTS	
Z00 m		



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _W-LAB-142-1

OPERATOR(S) Céline DINIER

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			<input type="checkbox"/> 20L 15 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 15 L
Z00 R02 m			<input type="checkbox"/> 20L 11 L	<input checked="" type="checkbox"/> 15 min. min.		<input type="checkbox"/> 20L 11 L
Z02 R01 m	###-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 m	###-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 m			<input type="checkbox"/> 50L 35 L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-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 m			<input type="checkbox"/> 50L 25 L	<input checked="" type="checkbox"/> 60 min. min.		
Z02 m	###-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	
Z02		
	m	



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 04 26** _STATION- **1 3 6** _TARDIS-SCP

OPERATOR(S) **Vanessa Pahl**

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 checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
		L	min.		L	min.
Z00 R02		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
		L	min.		L	min.
Z00 R03		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
		L	min.		L	min.
Z00 R04		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.		<input checked="" type="checkbox"/> 2L	<input checked="" type="checkbox"/> 120 min.
		L	min.		L	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.
		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.
		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.
		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.
		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 checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.		<input checked="" type="checkbox"/> 16L	<input checked="" type="checkbox"/> 30 min.
		L	min.		L	min.
Z02	###-Z02 MB320	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.	###-Z02 MB033	<input type="checkbox"/> 16L	<input type="checkbox"/> 30 min.
		L	min.		L	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 MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) Tole Di Capua

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 extainer +4°C	DGAS 12 mL extainer +4°C	DGAS 12 mL extainer +4°C
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
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		<input type="checkbox"/> 30L <u>40</u> L	<input checked="" type="checkbox"/> 30 min. min.			



Depth Replicates		○ CP-G Cryo-5mL LN2 #1	● SG Cryo-5mL LN2 #1	● FC-P Cryo-2mL LN2 #3	● FC-G Cryo-2mL LN2 #3		
Z02	R01 m	###-Z02 CP-G-1	###-Z02 SG-1	###-Z02 FC-P-1	###-Z02 FC-G-1		
Z02	R02 m	###-Z02 CP-G-2	###-Z02 SG-2	###-Z02 FC-P-2	###-Z02 FC-G-2		
Z02	R03 m	###-Z02 CP-G-3	Glycine- betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C		
Prealiquot		Glycerol prealiquot - RT					
					DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
					###-Z02 DGAS-1	###-Z02 DGAS-2	###-Z02 DGAS-3
					+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²

COMMENTS



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 04 26** _STATION- **1 3 6** _S-LAB-DECKNET-5
 OPERATOR(S) **Tole Bi Agwa**

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	6 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	112527170	112527171	112527172	112527173
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



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _PPN2-PPN2exe

2024 04 26 1 3 6

OPERATOR(S) Iole Di Copua

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	7 : 28	7 : 33			
Z00 m	2	7 : 28	7 : 33			
Z00 m	3	7 : 28	7 : 33			
Depth	Natural abundance – T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time – start	Filtration time – end	
Z00 m	NAT-1		1L	7 : 14	7 : 43	
Z00 m	NAT-2		1L	7 : 14	7 : 43	
Z00 m	NAT-3		1L	7 : 14	7 : 43	
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			1L	8 : 10	8 : 37
Z00 m	PPN2-2			1.2L	8 : 10	8 : 37
Z00 m	PPN2-3			1.2L	8 : 10	8 : 37
	BLANK		* +100 µL ZnCl			



LOG_SAMPLES_ **202A** **04** **26** _STATION- **1** **3** **6** _S-LAB-25-1

OPERATOR(S) **Thomas Beavis**

Depth	Turbidimeter (FNU)	PM control (EVERY TWO STATIONS)	Filtration Volume (mL)	N° filtres + weight (mg)	
Z00 m	1. 2.00		150 mL	N° TE066	
	2. 1.90			Weight 36.866	
	3. 2.01				
Z02 m	1.	TRIPPLICATES ONCE A MONTH FOR HP	HP Cryo-2mL LN2 #3	Filtration Volume (mL)	Filtration Duration (minutes)
	2.				
	3.				
Z00 m		1080 mL	Z00 R01 m		<input checked="" type="checkbox"/> 30 min.
			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.
Z00 m		1080 mL	N° TE400		N° TE261
			Weight 37.3A9	1080 mL	Weight 37.60A
			Z00 R02 m	N° TE229	
Z00 R03 m	N° TE242		N° TE046		
		1080 mL	Weight 37.2AA	1080 mL	Weight 36.218





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_ _STATION- _S-LAB-NET-20

OPERATOR(S)

Net 20 μ m

Decknet
 Deployed at sea

SAMPLE SPLITTING	# of cod-ends	Total volume	Aliquots vol.			
	<input checked="" 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="radio"/> S20 Cryo-5mL LN2 #1		<input type="checkbox"/> 200 mL (1/8) 300 mL	<input checked="" type="checkbox"/> 15 mn		<input type="checkbox"/> 200 mL (1/8) 300 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 type="checkbox"/> 200 mL (1/8) 180 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 <input checked="" type="checkbox"/> 15mL			<input type="checkbox"/> 45 mL <input checked="" type="checkbox"/> 15mL	
HG-20 Falcon-15mL FRZ -20°C		200				



COMMENTS

COMMENTS

SAMPLE
SPLITTING

After pumping with the A40, there were visible black pieces of the inner lining within the cool-ctrl. Some pieces passed through the 200µm sieve so were present in the samples and on filters.

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_ _STATION- _S-LAB-NET-200

OPERATOR(S)

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



110

15 min



110

15 min

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



110

HG-200
Falcon-15mL
FRZ -20°C



1220



	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_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-680

2021 04 26 1 3 6

OPERATOR(S) Thomas Beavis

Régent 680

SAMPLE SPLITTING	NET TOW n° 2		FLOWMETER		NET TOW n° 1	
	27498	30944	2441	27498	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		<input checked="" type="checkbox"/> 100 %	<input checked="" type="checkbox"/> 250 mL			
		%	<input type="checkbox"/> 500 mL			
F2000 Bottle-250mL RT >10°C + borax/formol	### EPI F2000	hand-picked	<input type="checkbox"/> 250 mL			
		#ind=	<input type="checkbox"/> 500 mL			
S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect					<input checked="" type="checkbox"/> 100 %	150 mL
					%	
HG-680 Falcon-15mL FRZ -20°C					100	

