



LOG-SAMPLES_ _STATION- _S-LAB-NET-680

OPERATOR(S)

Régent 680

| SAMPLE SPLITTING | NET TOW #1 | | | NET TOW #2 | | |
|---|-----------------------------|--|--------------------|-----------------------------|---|---|
| | Total volume [] 1600 mL | | | 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 | | [] 50 % [] 100 % <u>≈ 70% of the bucket.</u> | [] 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 | | | | | [] 50 % <input checked="" type="checkbox"/> 100 % | [] 200 mL [] 400 mL [] 600 mL [] 800 mL <u>20 mL</u> ● 15 mn |



| | COMMENTS | COMMENTS |
|-----------------------------------|---|----------|
| SAMPLE SPLITTING | | |
| PROTOCOLS | | |
| F680 Bottle-250mL RT >10°C | <p>The net was clogged with gelatinous material and polychaetes, it was impossible to reduce volume. had to put in <u>500mL</u> bottle, but with very bad rinsing of the sieve and cod and bucket, so F680 NOT to be considered <u>as quantitative</u>.</p> | |
| F2000 Bottle-250mL RT >10°C | | |
| S680-L Falcon-5mL FRZ -20°C | | |



LOG_SAMPLES_ _STATION- _W-LAB-142-1

OPERATOR(S)

| 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 | | | [] 20L [] 50L 10 L | <input checked="" type="checkbox"/> 15' [] 60' 15 min. | | [] 10L [] 20L 4 L |
| Z00 R02 m | | | [] 20L [] 50L 12 L | <input checked="" type="checkbox"/> 15' [] 60' 15 min. | | [] 10L [] 20L 4 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 | | | [] 20L [] 50L 24 L | [] 15' <input checked="" type="checkbox"/> 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 | | | [] 20L [] 50L 15) 29) 14) L | [] 15' [] 60' 35) 60) 25) min. | | |
| Z02 m | ###-Z02 S320-L | ###-Z02 S023-L | [] 20L [] 50L L | [] 15' [] 60' min. | | |



| Depth Replicate | COMMENTS S### |
|--------------------|--|
| Z00 R01 m | |
| Z00 R02 m | |
| Z02 R01 m | |
| Z02 R02 m | |
| Depth | COMMENTS P### |
| Z00 m | P023 : lot of water remaining on filter after purge, maybe lost some material |
| Z02 m | |
| Depth | COMMENTS S###L |
| Z00 m | 2 filters per tube |
| Z02 m | |



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _DECK-BGC
 2023 04 25 0 1 4
 OPERATOR(S) MH

| 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 HgCl₂ | |
| 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 | | | |
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LOG_SAMPLES_ _STATION- _TARDIS-SCP

OPERATOR(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 | R01 | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. |
| Z00 | R02 | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. |
| Z00 | R03 | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. |
| Z00 | R04 | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. | | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' 2h min. |
| Z02 | R01 | ###-Z02 PPL-1 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L 2 L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. | ###-Z02 HLB-1 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. |
| Z02 | R02 | ###-Z02 PPL-2 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. | ###-Z02 HLB-2 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. |
| Z02 | R03 | ###-Z02 PPL-3 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. | ###-Z02 HLB-3 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. |
| Z02 | R04 | ###-Z02 PPL-4 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. | ###-Z02 HLB-4 | <input type="checkbox"/> 1L <input type="checkbox"/> 2L L | <input type="checkbox"/> 60' <input type="checkbox"/> 120' min. |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



| Depth | | COMMENTS PPL | COMMENTS HLB |
|-------|----------|-----------------|-----------------|
| 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_ **2023 04 25** _STATION- **0 1 4** _S-LAB-OTHER

OPERATOR(S) **ERWAN LÉCÉAY**

| Depth | Replicates | SG Cryo-5mL LN2 #1 | HC Cryo-5mL LN2 #1 | HC-G Cryo-5mL LN2 #1 | CP-G 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 | | | | | | |
| Z00 | R04 m | | | | | | |
| Z00 | R05 m | | | | | | |
| Z00 | R06 m | | | | | | |
| Z00 | R07 m | | | | | | |
| Z00 | R08 m | | | | | | |
| Prealiquot | | Glycine-betaine prealiquot at 4°C | No prealiquot | Glycerol prealiquot - RT | Glycerol prealiquot - RT | PFA prealiquot at -20°C | Glutaraldehyde prealiquot at -20°C |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |



LOG_SAMPLES_ **2023** **04** **25** _STATION- **014** _S-LAB-DECKNET-5

OPERATOR(S) **Ewan LEGEAT**

YYYY MM DD

#

| 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 220 L | 14 : 59 | 16 : 03 | | |
| Z02 m | [] 100 L | | | ### Z02 SG5-1 | ### Z02 SG5-2 |







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



LOG_SAMPLES_ **2023** **04** **25** _STATION- **0** **1** **4** _S-LAB-25-1
 OPERATOR(S) **H.G.**

| Depth | Turbidimeter (FNU) | PM control (EVERY TWO STATIONS) | Filtration Volume (mL) | N° filtres + weight (mg) | | |
|-----------------|--|---|---|---|---|---|
| Z00 m | 1. 0,64 2. 0,77 3. 0,72 |  112560148 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: PA680 Weight: 37,612 | | |
| Z02 m | 1. 2. 3. | ###-Z02 PM-CTRL | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: | | |
| Depth | PA Petridish FRZ -20°C | Filtration Volume (mL) | | | | |
| Z00 m |  112560151 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 [•] 930 | | | | |
| Z02 m | ###-Z02 PA | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | | | | |
| 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 |  112560152 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: TA510 Weight: 37,806 |  112560155 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: PA595 Weight: 38,537 |
| Z00 R02 m |  112560153 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: PA657 Weight: 38,377 |  112560156 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: PA687 Weight: 38,272 |
| Z00 R03 m |  112560154 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: PA628 Weight: 36,637 |  112560157 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: TR71 Weight: 37,596 |
| Z02 R01 m | ###-Z02 PM-1 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: | ###-Z02 FOI-1 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: |
| Z02 R02 m | ###-Z02 PM-2 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: | ###-Z02 FOI-2 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: |
| Z02 R03 m | ###-Z02 PM-3 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: | ###-Z02 FOI-3 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | N°: Weight: |



| Depth Replicate | COMMENTS PM | COMMENTS FOI |
|-----------------|---|--------------|
| Z00 R01 m | <p>Lot of Gelatinous organisms in the water. Water not charged in particules but not easy to filter because of the gelatinous. → Filters appear white but we can not filter more. Clogge very quickly</p> | |
| Z00 R02 m | | |
| Z00 R03 m | | |
| Z02 R01 m | | |
| Z02 R02 m | | |
| Z02 R03 m | | |
| Depth Replicate | COMMENTS PA | |
| Z00 m | | |
| Z02 m | | |
| | | |
| | | |



LOG_SAMPLES_ 2023 04 25 YYYY MM DD
 _STATION- 0 1 4 # # # _S-LAB-25-2
 OPERATOR(S) M.G.

| Depth | HP Cryo-2mL LN2 #2 | Filtration Volume (mL) | Filtration Duration (minutes) | | | |
|----------------------------------|--------------------------|---|---|--|--|--|
| Z00 R01 m | | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input checked="" type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | <input type="checkbox"/> 30' <input type="checkbox"/> 40' max 35'07 min | | | |
| Z00 R02 m | ###-Z00 HP-2 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | <input type="checkbox"/> 30' <input type="checkbox"/> 40' max min | | | |
| Z00 R03 m | ###-Z00 HP-3 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | <input type="checkbox"/> 30' <input type="checkbox"/> 40' max min | | | |
| Z02 R01 m | ###-Z02 HP-1 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | <input type="checkbox"/> 30' <input type="checkbox"/> 40' max min | | | |
| Z02 R02 m | ###-Z02 HP-2 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | <input type="checkbox"/> 30' <input type="checkbox"/> 40' max min | | | |
| Z02 R03 m | ###-Z02 HP-3 | <input type="checkbox"/> 150* <input type="checkbox"/> 250* <input type="checkbox"/> 635 <input type="checkbox"/> 1080 <input type="checkbox"/> 2270 | <input type="checkbox"/> 30' <input type="checkbox"/> 40' max min | | | |
| TRIPPLICATES ONCE A MONTH | | | | | | |
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| Depth Replicate | | COMMENTS HP |
|-----------------|-----|-------------|
| Z00 | R01 | |
| | m | |
| Z00 | R02 | |
| | m | |
| Z00 | R03 | |
| | m | |
| Z02 | R01 | |
| | m | |
| Z02 | R02 | |
| | m | |
| Z02 | R03 | |
| | m | |
| | | |
| | | |
| | | |
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| | | |
| | | |



YYYY MM DD

LOG-SAMPLES_

2023 04 25

_STATION-

0 1 4

_S-LAB-NET-20

OPERATOR(S)

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



1/8

200 mL
 110 mL
 15 mn



1/8

200 mL
 110 mL
 15 mn

FCAM20
Bottle-250mL
LIVE



1/8

200 mL

E20
Falcon-15mL
+ 15mL ETOH
FRZ -20°C



1/8

200 mL

S20-L
Falcon-5mL
FRZ -20°C
+ 5 mL
NucleoProtect



1/8

200 mL
 120 mL
 15 mn

MB20
Vial-4mL
FRZ -20°C



1/8

200 mL
 110 mL

FM20
Falcon-50mL
FRG +4°C
Prealiquoted
PFA+GLUTA
store at -20°C



45 mL



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 | | |
| | | |
| | | |
| | | |



LOG-SAMPLES_ YYYY MM DD # # # #
 2023 04 25 _STATION- 0 1 4 _S-LAB-NET-200
 OPERATOR(S) DCxnb

Horizontal
WP11-200

SAMPLE
SPLITTING

COD-END #1

PROTOCOLS

Barcode

Fraction of
total volume

Aliquot
Volume (mL)

F200
Bottle-250mL
RT >10°C



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



[] 1/8

[] 200 mL

5mL



[] 1/8

[] 200 mL

5mL

S200-L
Falcon-5mL
FRZ -20°C



[] 1/8

[] 200 mL

10mL

→24 minutes



COMMENTS

COMMENTS

 SAMPLE
 SPLITTING

PROTOCOLS

 F200
 Bottle-250mL
 RT >10°C

Plenty of polychaetes, and gelatinous material,
 maybe from dinoflagellates??

 SAMPLE
 SPLITTING

PROTOCOLS

 S200
 Cryo-5mL
 LN2 #1

 S200-L
 Falcon-5mL
 FRZ -20°C

Very hard to filter because of
gelatinous material.