



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _MERCURY
 2024 02 29 1 0 0
 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 | ###-Z00 p.MeHg | | | | | #50 124, 4 mg |
| 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 | | #50 124, 4 mg | 3390 | | ###-Z00 f.THg | |
| Depth | uf.THg 40-mL glass bottle RT | | | | | |
| Z00 m | | | | | | |



| Depth | COMMENTS |
|--------------|----------|
| Z00 m | |
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LOG_SAMPLES_ YYYY MM DD
2024 02 29

_STATION- # # #
1 0 0 _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 m | | | <input type="checkbox"/> 20L 14 L | <input type="checkbox"/> 15 min. 13 min. | | <input type="checkbox"/> 20L 14 L |
| Z00 R02 m | | | <input type="checkbox"/> 20L 14 L | <input type="checkbox"/> 15 min. 13 min. | | <input type="checkbox"/> 20L 14 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 checked="" type="checkbox"/> 50L L | <input type="checkbox"/> 60 min. 50 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 checked="" type="checkbox"/> 50L L | <input type="checkbox"/> 60 min. 50 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 | no volume meter I just look at marks on the carboy. 13 min filtration + 3/4 min purge |
| Z00 R02 m | |
| Z02 R01 m | |
| Z02 R02 m | |
| Depth | COMMENTS P### |
| Z00 m | no volume meter |
| Z02 m | |
| Depth | COMMENTS S###L |
| Z00 m | no volume meter |
| Z02 m | |



YYYY MM DD # # #
 LOG_SAMPLES_ **2024 02 29** _STATION- **1 0 0** _DECK-BGC
 OPERATOR(S) **JUF**

| 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_

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| YYYY | MM | DD |
| 2024 | 02 | 29 |

 _STATION-

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| 1 | 0 | 0 |

 _TARDIS-SCP

OPERATOR(S)

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| JuF |
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| 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. |
| m | | 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. |
| m | | 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. |
| m | | 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. |
| m | | 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. |
| 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 checked="" type="checkbox"/> 16L | <input checked="" type="checkbox"/> 30 min. | | <input checked="" type="checkbox"/> 16L | <input checked="" type="checkbox"/> 30 min. |
| m | | 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. |
| m | | 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 | |
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LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-OTHER

OPERATOR(S) MARTA FURIA

| 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 | | | | | | |
| 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 | 4 | <input type="checkbox"/> 30L ~ 30 L | <input checked="" type="checkbox"/> 30 min. min. | => Collect filtrate for SS protocol onland : V<0.45 | | | |
| Z02 m | ###-Z02 eDNA | <input type="checkbox"/> 30L L | <input type="checkbox"/> 30 min. min. | | | | |



| Depth Replicate | COMMENTS |
|--------------------|----------|
| Z00 R01 m | |
| Z00 R02 m | |
| Z00 R03 m | |
| Z00 R04 m | |
| Z00 R05 m | |
| Z00 R06 m | |
| Z00 R07 m | |
| Z00 R08 m | |
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LOG_SAMPLES_ _STATION- _S-LAB-DECKNET-5

OPERATOR(S)

| Depth | Volume filtered (Litres) | | | | |
|-------|---------------------------|--|--|--|--|
| Z00 | <input type="text"/> 10 L | | | | |
| m | 8 L | | | | |
| Z02 | <input type="text"/> 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 | | | | |
| 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

OPERATOR(S) MARIA FORIA

| Depth | Spikes | 13C-DIC time (UTC) in -20°C | 15N-DIC time (UTC) in gaz |
|----------|--------|-----------------------------|---------------------------|
| Z00 m | 1 | 13 : 06 | 13 : 13 |
| Z00 m | 2 | 13 : 07 | 13 : 14 |
| Z00 m | 3 | 13 : 08 | 13 : 16 |

| Depth | Natural abundance – T0 | NAT Filter in alu -20°C | Filtered volume (mL) | Filtration time – start | Filtration time – end |
|----------|------------------------|-------------------------|----------------------|-------------------------|-----------------------|
| Z00 m | NAT-1 | | 2.3 | 13:27 | 14 : 06 |
| Z00 m | NAT-2 | | 2.3 L | 13 : 27 | 13 : 54 |
| Z00 m | NAT-3 | | 2.3L | 13 : 27 | 13 : 50 |

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 | | | 2.3 L | 13 : 15 | 14 : 25 |
| Z00 m | PPN2-2 | | | 2.3 L | 13 : 15 | 13 : 52 |
| Z00 m | PPN2-3 | | | 2.3 L | 13 : 15 | 13 : 50 |
| | BLANK | | * +100 µL ZnCl | | | |



LOG_SAMPLES_ YYYY MM DD # # # #
2024 02 29 _STATION- Λ 0 0 _S-LAB-25-1
 OPERATOR(S) E. LEGEAY

| Depth | Turbidimeter (FNU) | PM control (EVERY TWO STATIONS) | Filtration Volume (mL) | N° filtrés + weight (mg) | | |
|-------|-------------------------------|--|----------------------------|--|------------------------------|----------------------------|
| Z00 | 1. 2.88 2. 2.14 3. 2.55 | ###-Z00 PM-CTRL | mL | N° Weight | | |
| 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 | 350 mL 30 min. 2'54 min. | | |
| Z00 | | 350 mL | Z00 R02 m | ###-Z00 HP-2 mL 30 min. min. | | |
| Z02 | ###-Z02 PA | mL | Z00 R03 m | ###-Z00 HP-3 mL 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 | | 350 mL | N° TE 095 Weight 37,130 | 350 | N° TE 340 Weight 36,468 | |
| Z00 | | 350 mL | N° TE 201 Weight 37,507 | 350 | N° TE 330 Weight 37,191 | |
| Z00 | | 350 mL | N° TE 286 Weight 37,458 | 350 | N° TE 362 Weight 37,152 | |
| Z02 | ###-Z02 PM-1 | mL | N° Weight | ###-Z02 FOI-1 | N° Weight | |
| Z02 | ###-Z02 PM-2 | mL | N° Weight | ###-Z02 FOI-2 | N° Weight | |
| Z02 | ###-Z02 PM-3 | mL | N° Weight | ###-Z02 FOI-3 | 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 | | |
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LOG-SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-NET-20

OPERATOR(S) E. LEGEAY

Net 20 µm

Decknet
 Deployed at sea

| SAMPLE SPLITTING | # of cod-ends | Total volume | Aliquots vol. | | | |
|---|---|--|---|---------|--|---|
| PROTOCOLS | Barcode | Aliquot volume (mL) | Filtration time | Barcode | Aliquot volume (mL) | Filtration time |
| <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 | <input checked="" type="checkbox"/> 1600 mL | <input checked="" type="checkbox"/> 200 mL | | | | |
| 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 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 checked="" type="checkbox"/> 45 mL | | | <input checked="" type="checkbox"/> 45 mL | |
| HG-20 Falcon-15mL FRZ -20°C | | 485 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 | | |
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LOG-SAMPLES_ YYYY MM DD # # # _STATION- _S-LAB-NET-200

2024 02 29 1 0 0

OPERATOR(S) E. LEGEAY

Horizontal
WP11-200

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



50

15 min



50

15 min

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



HG-200
Falcon-15mL
FRZ -20°C



1430 mL



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

OPERATOR(S) E. LEGEAY

Régent 680

| SAMPLE SPLITTING | NET TOW n° 2 | | NET TOW n° 1 | | | |
|---|---|---|--|---------------------------------|---|---------------------|
| | FLOWMETER 25200 | 78032 | FLOWMETER 71269 | Total volume 75195 | | |
| | <input checked="" type="checkbox"/> 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 checked="" type="checkbox"/> 100 % | 150 mL |
| | | % | <input type="checkbox"/> 500 mL | | | |
| F2000 Bottle-250mL RT >10°C + borax/formol | | hand-picked | <input type="checkbox"/> 250 mL | | % | 1450 mL |
| | | #ind= | <input type="checkbox"/> 500 mL | | | |
| S680-L Falcon-5mL FRZ -20°C + 5mL Nucleoprotect | | | | | | |
| HG-680 Falcon-15mL FRZ -20°C | | | | | | |



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