



LOG_SAMPLES_ YYYY MM DD
2020 08 08

_STATION- # # #
061 _METADATA

BATHYMETRY
40 m

LATITUDE
60,3967°N

LONGITUDE
5,25835°E

START UTC
HH:MM 06 11

END UTC
HH:MM 10 00

STATION NAME
BERGEN

| 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 | 21.83 | 16.06 | 1 [] 2 [x] Fjord 3 [x] | 0,44 0,38 0,43 | 5,79 |
| [2] Z= m | | | 1 [] 2 [] 3 [] | | |
| [3] Z= m | | | 1 [] 2 [] 3 [] | | |

• COMMENTS (NORWAY): Station in the bay of Bergen. Very bad conditions with a lot of wind. We decided to postpone the ALIENS protocol to another day at Bergen. SML protocol was cancelled because of the wind and waves.

• LISTS OF DEPLOYMENTS BY STATION:

NORMAL SITE SERVICE SITE

ROSETTE

A20 PUMP FOR OMICS

A20 PUMP FOR DECKNET 5 µM

A40 PUMP FOR DECKNET 20 µM

ASM

NET 200 µM

NET 680 µM x 2

BOW POLE

MERCURY

STATION CAST #

NORMAL SITE SERVICE SITE



[UTC]

| | YYYY | M | DD | HH | M | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|-------|------|----|----|----|----|------------------------------|------------------------------|
| START | 2023 | 08 | 08 | 06 | 21 | N 60.3967 | E 5.25835 |
| END | 2023 | 08 | 08 | 06 | 26 | N 60.3960 | E 5.26225 |

OPERATORS INITIALS

| | | | | | |
|-------------------|---|-----------------|---------------------------------|-------------------|-------------------------------------|
| CABLE OUT (m) | <input type="text" value="24"/> | SOUNDER IN (m) | <input type="text" value="65"/> | WIND SPEED (kn) | <input type="text" value="25"/> |
| SCANMAR (m) | <input type="text" value="∅"/> | SOUNDER OUT (m) | <input type="text" value="40"/> | WIND DIRECTION | <input type="text" value="NNW"/> |
| PLACE NAME | <input type="text" value="BERGEN"/> | | | SEASTATE START | <input type="text" value="Slight"/> |
| CTD raw file name | <input type="text" value="st061-20230808.hex"/> | | | SEASTATE END | <input type="text" value="Slight"/> |
| UVP raw file name | <input type="text"/> | | | Other information | <input type="text" value="NORWAY"/> |

| Bottle # | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------------------|---|---|----|----|----|---|---|----|----|----|----|----|
| Bottle Volume (L) | 8 | 8 | 12 | 12 | 12 | 8 | 8 | 12 | 12 | 8 | 8 | 8 |
| Depth Label | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| Target Depth (m) | | | | | | | | | | | | |
| CTD Depth (m) | | | | | | | | | | | | |



STATION

0 6 1

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXX)

DECIMAL DEGREE (+/- XX.XXX)

START

20 23 08 08

06 11

60 .3954

5 .2608

END

20 23 08 08

06 41

60 .3945

5 .2591

INVESTIGATOR(S)

OB

EVENT TYPE

SML

MICROTOPS

BOW POLE

hTSRB

A20 PUMP

A40 PUMP

ASM Normal site

ASM Service site

Aliens in ports

eDNA

COMMENTS / PROTOCOL NAMES

OMIC

S320-2 } R1 - R2
S023 }

S 320-L

S 023 L

P 320

P 023

| | | |
|-------------------------------|---------------|---------------|
| T-HG Vial-40mL RT >10°C | 112559124 | ### T-HG-2 |
|-------------------------------|---------------|---------------|

| | | |
|------------------------------------|---------------|----------------|
| MTE-BP Bottle-125mL RT >10°C | 112559125 | ### MTE-S-2 |
|------------------------------------|---------------|----------------|

| | | | | | | |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ASM Whirl-Pak FRZ -20°C | ### ASM-1 | ### ASM-2 | ### ASM-3 | ### ASM-4 | ### ASM-5 | ### ASM-6 |
| | | | | | | |





STATION

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|---------|-------|----|----|----|----|------------------------------|------------------------------|
| START | 20 23 | 08 | 08 | 06 | 12 | 60 . 23.679 | 5 . 15.571 |

| | | | | | | | |
|-----|-------|----|----|----|----|-------------|------------|
| END | 20 23 | 08 | 08 | 06 | 42 | 60 . 23.942 | 5 . 15.684 |
|-----|-------|----|----|----|----|-------------|------------|

INVESTIGATOR(S)

- EVENT TYPE
- SML
 - MICROTOPS
 - BOW POLE
 - hTSRB
 - A20 PUMP
 - A40 PUMP
 - ASM Normal site
 - ASM Service site
 - Aliens in ports
 - eDNA

COMMENTS / PROTOCOL NAMES

~ 20 l
stray seas

| | | |
|------------------------------------|----------------|----------------|
| T-HG Vial-40mL RT >10°C | ### T-HG-1 | ### T-HG-2 |
| MTE-BP Bottle-125mL RT >10°C | ### MTE-S-1 | ### MTE-S-2 |

| | | | | | | |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| ASM Whirl-Pak FRZ -20°C | ### ASM-1 | ### ASM-2 | ### ASM-3 | ### ASM-4 | ### ASM-5 | ### ASM-6 |
| | | | | | | |





STATION

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|---------|------|----|----|----|----|------------------------------|------------------------------|
| START | 20 | 08 | 08 | 07 | 05 | 60.23.905 | 5.15.724 |
| END | 20 | 08 | 08 | 07 | 55 | 60.23.666 | 5.15.502 |

INVESTIGATOR(S)

DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START

SOUNDER OUT (m) SCANMAR (m) SEASTATE END

NET TYPE Decknet 20* WP11 200 Regent 680 Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START END

NET COD-END 680 ZooScan S680-L

COMMENTS

*Rainy & windy
Net filtration > 80 min*

*volumeter always in litres





STATION

| | | |
|---|---|---|
| 0 | 6 | 1 |
|---|---|---|

NORMAL SITE

SERVICE SITE

[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+- XX.XXXX)

DECIMAL DEGREE (+- XX.XXXX)

START

| | | | |
|----|----|----|----|
| 20 | 23 | 08 | 08 |
|----|----|----|----|

| | |
|----|----|
| 07 | 26 |
|----|----|

| | | | | |
|---|----|---|----|----|
| N | 60 | . | 39 | 46 |
|---|----|---|----|----|

| | | | | |
|---|---|---|----|----|
| E | 5 | . | 27 | 70 |
|---|---|---|----|----|

END

| | | | |
|----|----|----|----|
| 20 | 23 | 08 | 08 |
|----|----|----|----|

| | |
|----|----|
| 07 | 41 |
|----|----|

| | | | | |
|---|----|---|----|----|
| N | 60 | . | 39 | 74 |
|---|----|---|----|----|

| | | | | |
|---|---|---|----|----|
| E | 5 | . | 27 | 18 |
|---|---|---|----|----|

INVESTIGATOR(S)

CBD; CT

DAY

NIGHT

SOUNDER IN (m)

| |
|-----|
| 100 |
|-----|

CABLE OUT (m)

| |
|--|
| |
|--|

SEASTATE START

| |
|--------|
| Slight |
|--------|

SOUNDER OUT (m)

| |
|--|
| |
|--|

SCANMAR (m)

| |
|--|
| |
|--|

SEASTATE END

| |
|--------|
| Slight |
|--------|

NET TYPE

Decknet 20*

WPII 200

Regent 680

Decknet 5

NET TOW TYPE

Horizontal

Oblique

NET DEPTH (m)

MIN

| |
|--|
| |
|--|

MAX

| |
|--|
| |
|--|

NET FLOWMETER

/VOLUMETER in L for 20-µM

START

| |
|-------|
| 37720 |
|-------|

END

| |
|-------|
| 39853 |
|-------|

NET COD-END 680

ZooScan

S680-L

COMMENTS

*volumeter always in litres





STATION

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|---------|------|----|----|----|----|------------------------------|------------------------------|
| START | 20 | 23 | 08 | 08 | 08 | 00 N 60 . 3968 | 05 E 3 . 2627 |
| END | 20 | 23 | 08 | 08 | 08 | 10 N 60 . 3968 | 05 E 3 . 2746 |

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START
 SOUNDER OUT (m) SCANMAR (m) SEASTATE END

NET TYPE Decknet 20* WP11 200 Regent 680 Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START END

NET COD-END 680 ZooScan S680-L

COMMENTS

*volumeter always in litres





STATION

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|---------|-------|----|----|----|----|------------------------------|------------------------------|
| START | 20 23 | 08 | 08 | 08 | 37 | N 60 . 3969 | E 5 . 2634 |
| END | 20 23 | 08 | 08 | 08 | 42 | N 60 . 3971 | E 5 . 2687 |

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START
 SOUNDER OUT (m) SCANMAR (m) SEASTATE END

NET TYPE Decknet 20* WP11 200 ~~Regent 680~~ Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START END

NET COD-END 680 ZooScan S680-L

COMMENTS

*volumeter always in litres





STATION

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|---------|------|----|----|----|----|------------------------------|------------------------------|
| START | 2023 | 08 | 08 | 09 | 14 | 60.3967 | +005.2615 |
| END | 2023 | 08 | 08 | 09 | 21 | 60.3964 | +005.2704 |

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START

SOUNDER OUT (m) SCANMAR (m) SEASTATE END

NET TYPE Decknet 20* WP11 200 Regent 680 Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START END

NET COD-END 680 ZooScan S680-L

COMMENTS

**volumeter always in litres*

