

STATION

CAST #

NORMAL SITE

SERVICE SITE



[UTC] YYYYY M M DD HH M M DECIMAL DEGREE (+/- XX.XXXX) DECIMAL DEGREE (+/- XX.XXXX)

START 20

END 20

OPERATORS INITIALS

CABLE OUT (m)

SOUNDER IN (m)

WIND SPEED (kn)

SCANMAR (m)

SOUNDER OUT (m)

WIND DIRECTION

PLACE NAME

SEASTATE **START**

CTD raw file name

SEASTATE **END**

UVP raw file name

Other information

| 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 | 2 | 0 |
|---|---|---|

NORMAL SITE



SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

| | | | |
|----|----|----|----|
| 20 | 23 | 05 | 15 |
|----|----|----|----|

| | |
|---|----|
| 5 | 13 |
|---|----|

| | |
|-----|------|
| 55. | 4689 |
|-----|------|

| | |
|----|------|
| 8. | 0410 |
|----|------|

END

| | | | |
|----|----|----|----|
| 20 | 23 | 05 | 15 |
|----|----|----|----|

| | |
|---|----|
| 5 | 47 |
|---|----|

| | |
|-----|------|
| 55. | 4689 |
|-----|------|

| | |
|----|------|
| 8. | 0409 |
|----|------|

INVESTIGATOR(S)

OB (c)

EVENT TYPE

 SML

 MICROTUPS

 BOW POLE

 hTSRB

 A20 PUMP

 A40 PUMP

 ASM Normal site

 ASM Service site

 Aliens in ports

 eDNA

COMMENTS / PROTOCOL NAMES

OTIC

S320 R01 and R02

S023

S320-L

S023-L

P320

P023

| | | |
|------------------------------------------------|---------------|---------------|
| T-HG ⁴⁰ Bottle-125mL RT >10°C | 112554305 | ### T-HG-2 |
|------------------------------------------------|---------------|---------------|

| | | |
|------------------------------------|---------------|----------------|
| MTE-BP Bottle-125mL RT >10°C | 112554306 | ### 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 2023 05 15 05 17 + 55 . 4689 + 84 . 0410

END 2023 05 15 05 49 + 55 . 4989 + 8 . 0409

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

eDNA = 17 Liters

| | | |
|------------------------------------------------|---------------|---------------|
| T-HG ⁴⁰ Bottle-125mL 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

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) | |
|---------|------|----|----|----|----|------------------------------|------------------------------|------------|
| START | 20 | 23 | 05 | 15 | 5 | 26 | + 55.46889 | + 8.041030 |
| END | 20 | 23 | 05 | 15 | 5 | 31 | + 55.46889 | + 8.041030 |

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 05 15 07 01 + 55 . 46 89 + 8 . 04 07

END 2023 05 15 08 04 + 55 . 46 30 + 8 . 04 11

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

- Decknet 5 µm: not a dot of chlorophyll observable in the 100 liters tank (on the contrary of the previous stations); along with a very very quick filtration.
- 100 liters have been filtered.

*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 05 15 07 ~~27~~²⁷ + 55 . 4689 + 008 . 0407

END 2023 05 15 07 32 + 55 . 4689 + 008 . 0407

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

0 2 0

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20

23

05

15

08

45

+

55

.

48

90

+

8

.

04

12

END

20

23

05

15

08

50

+

55

.

46

90

+

8

.

04

12

INVESTIGATOR(S)

MC; SC

DAY

NIGHT

SOUNDER IN (m)

14.0

CABLE OUT (m)

SEASTATE START

slight

SOUNDER OUT (m)

14.1

SCANMAR (m)

SEASTATE END

slight

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

31666

END

32084

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 | 05 | 15 | 08 | 59 | + 55 | . 4690 | + 8 | . 0412 |
| END | 20 | 23 | 05 | 15 | 09 | 04 | + 55 | . 4691 | + 8 | . 0412 |

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*

