



LOG_SAMPLES_ YYYY MM DD # # #
2024 06 05 STATION- 1 6 0 METADATA

BATHYMETRY 18.5 m LATITUDE 45.3172 LONGITUDE 12.5075

START UTC HH:MM 04 00 END UTC HH:MM 08 30 STATION NAME Alta aqua Tower

| 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) CTD-Rosette ♥ |
|----------|------------------------------|---|---|---------------------------------------|---|
| [1] Z= m | 31.5625 | 21.8332 | 1 <input type="checkbox"/> | 0,61 0,66 0,65 | 1.7715 |
| | | | 2 <input checked="" type="checkbox"/> | | |
| | | | 3 <input type="checkbox"/> | | |
| [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 Aqua Alta Oceanographic Tower from CNR. At Anchor. Secchi ≈ 1. Sunny day. Lots of debris + few dino and diatoms in the fluorim. ~~Found the net~~ lots of bloom microp/aggregates and zo in the 200µm. Lots of aggregates in the 680µm and 0.5m.

- 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: 8m



STATION CAST #

NORMAL SITE SERVICE SITE

at anchor aqua alta tower.

[UTC]
 START: YYYY M M DD HH M M
 DECIMAL DEGREE (+/- XX.XXXX) N . E .
 END: YYYY M M DD HH M M
 DECIMAL DEGREE (+/- XX.XXXX) N . E .

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 | 8 | 8 | 12 | 12 | 12 | 12 | 12 | 8 | 8 | 12 |
| Depth Label | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z | Z |
| Target Depth (m) | | | | | | | | | | | | |
| CTD Depth (m) | | | | | | | | | | | | |

SURFACE



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ROSETTE



STATION

NORMAL SITE SERVICE SITE

[UTC] YYYY MM DD HH MM DECIMAL DEGREE (+/- XX.XXXX) DECIMAL DEGREE (+/- XX.XXXX)

START 20 . .

END 20 . .

INVESTIGATOR(S)

- EVENT TYPE SML MICROTOPS BOW POLE hTSRB
- A20 PUMP A40 PUMP ASM Normal site ASM Service site
- Aliens in ports eDNA Filtration 5µM

COMMENTS / PROTOCOL NAMES *omics*

S320 } R01-R02
S023 }

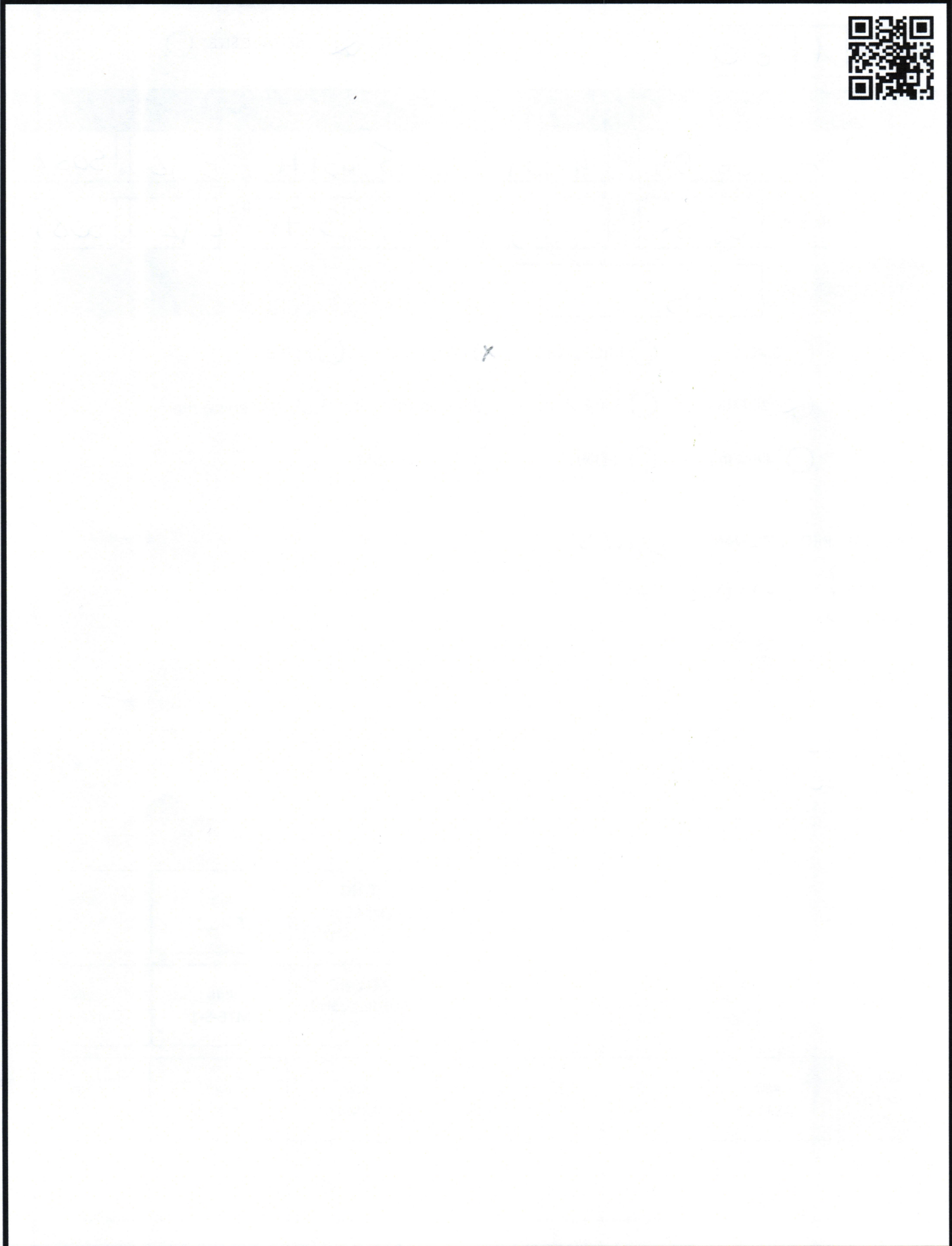
P320
P023

S320-L
S023-L

| | | |
|--------------------------------------|---------------|---------------|
| T-HG Vial-40mL RT >10°C | 112561931 | ### T-HG-2 |
|--------------------------------------|---------------|---------------|

| | | |
|---|---------------|----------------|
| MTE-BP Bottle-125mL RT >10°C | 112561930 | ### 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 | 2024 | 06 | 05 | 05 | 37 | + 45 . 3170 | + 12 . 5084 |
| END | 20 | | | 05 | 47 | | |

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

1 6 0

NORMAL SITE



SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20 24 06 05

06 35

N 45 . 3165

E 12 . 5088

END

20 24 06 05

06 40

N 45 . 3179

E 12 . 5123

INVESTIGATOR(S)

SC.MO. et al



DAY



NIGHT

SOUNDER IN (m)

18

CABLE OUT (m)

Ø

SEASTATE START

1/2

SOUNDER OUT (m)

18

SCANMAR (m)

Ø

SEASTATE END

1/2

NET TYPE



Decknet 20*



WP11 200



Regent 680



Decknet 5

NET TOW TYPE



Horizontal



Oblique

NET DEPTH (m)

MIN

Surface

MAX

Surface

NET FLOWMETER

/VOLUMETER in L for 20-µM

START

09125

END

20086

NET COD-END 680



ZooScan

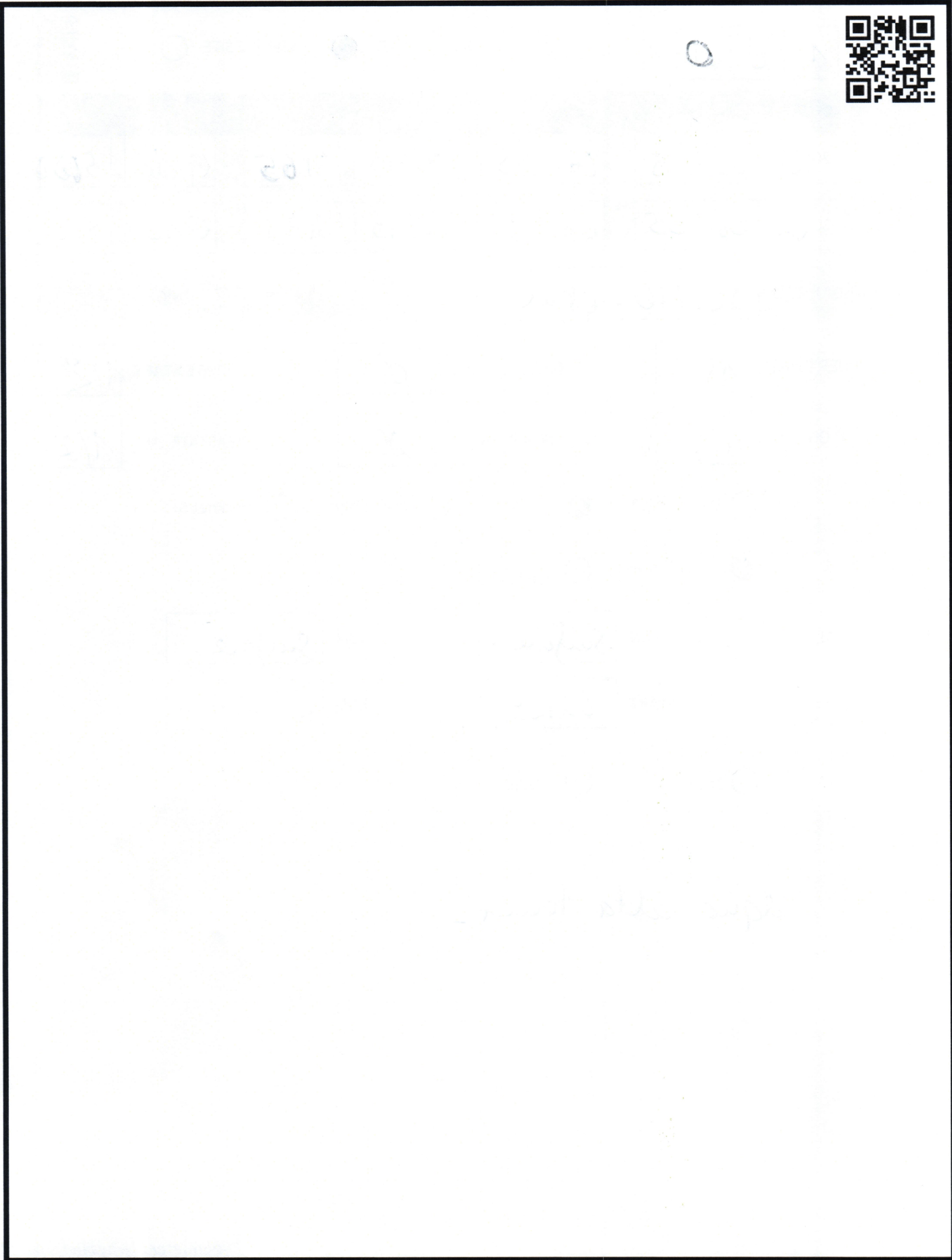


S680-L

COMMENTS

aqua alta tower -

*volumeter always in litres





STATION

NORMAL SITE SERVICE SITE

| [UTC] | YYYY | MM | DD | HH | MM | DECIMAL DEGREE (+/- XX.XXXX) | DECIMAL DEGREE (+/- XX.XXXX) |
|---------|------|----|----|----|----|------------------------------|------------------------------|
| START | 2024 | 06 | 05 | 07 | 25 | + 45° . 3116 | + 012° . 5053 |
| END | 2024 | 06 | 05 | 07 | 40 | + 45° . 3185 | + 012° . 5042 |

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 | 2024 | 06 | 05 | 07 | 54 | + 45° . 3222 | + 012° . 5026 |
| END | 2024 | 06 | 05 | 07 | 59 | + 45° . 3219 | + 012° . 5046 |

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

Took only 50% of the
Cod lead.

*volumeter always in litres



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