



LOG_SAMPLES_ # # # # # #
 _STATION- _METADATA

BATHYMETRY LATITUDE LONGITUDE

START UTC HH:MM END UTC HH:MM STATION NAME

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= 0 m	36.0	18.9	1 [] 2 <input checked="" type="checkbox"/> 3 []	3, 92 4, 55 4, 78	12.12
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS (SPAIN): Last station of 2023!!

Everything was ok.

We sampled during the ebb tides but not during slack tide because too late (night).

Alien was done.

• LISTS OF DEPLOYMENTS BY STATION:

NORMAL SITE SERVICE SITE

- ROSETTE Aliens
- 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
- SML SECCHI DISK: 2.0 m.

STATION CAST #

NORMAL SITE SERVICE SITE



[UTC]

	YYYY	M	DD	HH	M	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	11	09	13	09	+36.5372	-006.3202
END	2023	11	09	13	14	+36.5372	-006.3202

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	9	9
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NORMAL SITE SERVICE SITE

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

START 2023 11 08 13 06 N 36 . 5372 W 6 . 3202

END 2023 11 08 13 28 N 36 . 5372 W 6 . 3202

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 } R01. R02
S023 }
P320
P023
S320-L
S023-L

T-HG Vial-40mL RT >10°C	 112556166	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	 112556167	### MTE-S-2
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ASM Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6



STATION

099

NORMAL SITE

SERVICE SITE



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

START

2023

11

09

13

20

N

36

.

537

W

6

.

320

END

2023

11

09

13

37

N

36

.

537

W

6

.

320

INVESTIGATOR(S)

F.V

EVENT TYPE

SML

MICROTUPS

BOW POLE

hTSRB

A20 PUMP

A40 PUMP

ASM Normal site

ASM Service site

Aliens in ports

eDNA

COMMENTS / PROTOCOL NAMES

30L

T-HG Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
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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

0 9 9

NORMAL SITE

SERVICE SITE

[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20 23

11

09

13

53

N

36

.

537

W

6

.

320

END

20 23

11

09

14

11

N

36

.

537

W

6

.

320

INVESTIGATOR(S)

F.V

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

110 L

**volumeter always in litres*





STATION

0	9	9
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NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 23	11	09	13	55	N 36 . 537	N 6 . 320
END	20 23	11	09	14	05	N 36 . 537	N 6 . 320

INVESTIGATOR(S)

F.V

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

COMMENTS / PROTOCOL NAMES

T-HG Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
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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

0	9	9
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NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- xx.xxxx)

DECIMAL DEGREE (+/- xx.xxxx)

START

2023

11

09

14

02

N

36

.

5366

W

6

.3202

END

2023

11

09

14

16

N

36

.

5366

W

6

.3203

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 9 9

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

2023

11

09

15

28

-136

.5377

-006

.3327

END

20

11

09

15

38

+136

.5357

-006

.3285

INVESTIGATOR(S)

YM, MR, MG, MATL

DAY

NIGHT

SOUNDER IN (m)

175

CABLE OUT (m)

SEASTATE START

2

SOUNDER OUT (m)

106

SCANMAR (m)

SEASTATE END

2

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

17438

END

18960

NET COD-END 680

ZooScan

S680-L

COMMENTS

*volumeter always in litres



STATION

099

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20

23

11

09

15

53

+

36

.

5412

-

006

.

3317

END

20

23

11

09

16

03

+

36

.

5391

-

006

.

3268

INVESTIGATOR(S)

YM;MR;MG;MA;TL

DAY

NIGHT

SOUNDER IN (m)

17.2

CABLE OUT (m)

SEASTATE START

2

SOUNDER OUT (m)

17.4

SCANMAR (m)

SEASTATE END

2

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- μ M

START

68960

END

70392

NET COD-END 680



ZooScan



S680-L

COMMENTS

*volumeter always in litres





STATION

0 9 9

NORMAL SITE

SERVICE SITE

[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- xx.xxxx)

DECIMAL DEGREE (+/- xx.xxxx)

START

20 23

11

09

16

13

+ 36.5391

- 006.3298

END

20 23

11

09

16

20

+ 36.5377

- 006.3273

INVESTIGATOR(S)

YM; MR; MG; MA; TL

DAY

NIGHT

SOUNDER IN (m)

13,0

CABLE OUT (m)

SEASTATE START

2

SOUNDER OUT (m)

17,4

SCANMAR (m)

SEASTATE END

2

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

70392

END

71266

NET COD-END 680

ZooScan

S680-L

COMMENTS

Finish 2023 😊

*volumeter always in litres

