



LOG_SAMPLES_ YYYY MM DD # # #
 2023 10 09 _STATION- 089 _METADATA

BATHYMETRY 78 m LATITUDE 43,4589 LONGITUDE -3,1324
 START UTC HH:MM 07 00 END UTC HH:MM 12 20 STATION NAME Bilbar offshore

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	35,26 (PSU)	22,39 (°C)	1 [] 2 <input checked="" type="checkbox"/> 3 []	0,35 0,26 0,46	1,39 (µg/l)
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS

- > Pblm with the rosette: lost connection during the profile. Back on deck and then deploy to trigger manually with 1 person in the water.
- > Transfer of water @ 10:30.
- > No 20µm net together.
- > Drifting at 1,5 knots, water is clear.
- > Very low biomass (1µ30 for 20µm net).

• 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: 27 m

OPERATOR(S) INITIALS

LOG-SAMPLES_

YYYY MM DD

_STATION-

#

_S-LAB-PLASTISPHERE-1

Comments

PIECE ##	TIME (UTC) Piece-specific	SP330 Cryo-2mL	MP330* Cryo-2mL	Approximate Size (mm)	Characteristics
P06	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B
P07	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B
P08	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B
P09	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B
P10	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B
P11	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B
P12	:	<input checked="" type="radio"/>	<input type="radio"/>	[] D [] L x W	[] sphere [] foil [] fibre [] soft [] hard [] R [] G [] Y [] W [] B

* pre-allocated with 1 mL of 4% PFA



STATION

0	8	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

10

09

06

55

+

43

.

4492

-

3

.

1239

END

2023

10

09

07

22

+

43

.

4507

-

3

.

1272

INVESTIGATOR(S)

Julio Paula m

EVENT TYPE

SML

MICROTOPS

BOW POLE

hTSRB

A20 PUMP

A40 PUMP

ASM Normal site

ASM Service site

Aliens in ports

eDNA

COMMENTS / PROTOCOL NAMES

SWC3 & SCO.2 for land

P320

P023

S320-L

S023-L

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
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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	10	09	07	17	+43.4490	-3.1261
END	2023	10	09	07	47	+43.4606	-3.1334

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

30 l. - 30 min

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

0	8	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	10	09	07	39	+ 43 . 4507	- 3 . 1272
END	20 23	10	09	08	25	+ 43 . 4600	- 3 . 1290

INVESTIGATOR(S)

Julie Poulain

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

COMMENTS / PROTOCOL NAMES

S325 } RO1 & RO2 -> SLO2 RO1 & RO2
 S023 }
 S02-2K RO1 & RO2

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



STATION CAST #

NORMAL SITE SERVICE SITE



[UTC]
 YYYY M DD HH M DECIMAL DEGREE (+/- XX.XXXX) DECIMAL DEGREE (+/- XX.XXXX)
START 20 23 10 09 07 44 +43 .4589 - 3 .1324
END 20 10 09 07 46 +43 .4596 - 3 .1328

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

Problem with CTD, see Retrecha of station.

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

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)	
START	20	23	10	09	08	34	+ 43 . 4494	- 3 . 1272
END	20	23	10	09	09	29	+ 43 . 4607	- 3 . 1330

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

Pool.

**volumeter always in litres*



STATION

089

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

2023

10

09

08

51

43

.4563

-3

.1324

END

20

10

~~51~~
22

43

.4596

-3

.1323

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

62360

END

~~64787~~

65369

NET COD-END 680

ZooScan

S680-L

COMMENTS

Drifting and then coming back to the point at 3 knots while pumping.
Briefly stopped, then restarted the pump.

*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	10	09	10	58	+ 43.4384	- 3.1216
END	2023	10	09	11	18	+ 43.4457	- 3.1236

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 8 9

NORMAL SITE

SERVICE SITE

[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- xx.xxxx)

DECIMAL DEGREE (+/- xx.xxxx)

START

2023

10

09

11

28

+

43.

44

74

-

3.

12

38

END

2023

10

09

11

48

+

43.

45

41

-

3.

12

83

INVESTIGATOR(S)

DAY

NIGHT

SOUNDER IN (m)

76,5

CABLE OUT (m)

SEASTATE START

1

SOUNDER OUT (m)

78,8

SCANMAR (m)

SEASTATE END

1

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

26921

END

29646

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	10	09	11	54	+ 43.4552	- 3.1272
END	20 23	10	09	12	19	+ 43.4486	- 3.1312

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*

