



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	27.5	18.9	1 [] 2 <input checked="" type="checkbox"/> 3 []	3,44 3,80 3,57	5.15
[2] Z= 5 m	From CTD 33.4	19.3 CTD	1 [] 2 <input checked="" type="checkbox"/> 3 []		
[3] Z= m			1 [] 2 [] 3 []		

(PORTUGALI):

• COMMENTS

Need to check data from U-Lab.
Very bad weather (wind + waves). The boat was rolling.
No transfer of water because impossible for the small boat to go outside with this weather. All the operators were more or less sick but all the protocols were done.
Aerosol team still in the boat. Adrift station.

• 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 x2
- MERCURY
- SECCHI DISK: 3.00 m



STATION CAST #

NORMAL SITE SERVICE SITE

[UTC]

	YYYY	M M	DD	HH	M M	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	10	25	08	12	+ 41 . 1275	- 8 . 7416
END	2023	10	25		23	+ 41 . 1313	- 8 . 7357

OPERATORS INITIALS

CABLE OUT (m) <input type="text"/>	SOUNDER IN (m) <input type="text" value="28"/>	WIND SPEED (kn) <input type="text" value="16"/>
SCANMAR (m) <input type="text"/>	SOUNDER OUT (m) <input type="text" value="28,1"/>	WIND DIRECTION <input type="text" value="SW"/>
PLACE NAME <input type="text" value="Ponto offshore"/>	SEASTATE START <input type="text" value="3"/>	SEASTATE END <input type="text" value="3"/>
CTD raw file name <input type="text"/>	Other information <input type="text" value="PORTUGAL"/>	
UVP raw file name <input type="text"/>		

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)												

5 m



STATION

0	9	2
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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	25	08	13	+ 41 . 1284	- 8 . 7475
END	20 23	10	25	08	48	+ 41 . 1283	- 8 . 7437

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

Drifted a bit so repositioned TARA while pumping for eDNA.

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

0	9	2
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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

25

8

25

N 41 . 1322

W 8 . 7345

END

2023

10

25

9

30

N 41 . 1286

W 8 . 7471

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

ONICS

S320 } R01- R02
S023 }

P320

P023

S320L

S023L

S02-2k R01-R02

T-HG Vial-40mL RT >10°C	 112555848	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	 112555849	### 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 20 23 10 25 09 19 + 41 . 1284 - 8 . 7475

END 20 23 10 25 09 35 + 41 . 1331 - 8 . 7437

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 80L 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	10	25	9	33	N	41	.1339	W	-8	.7426
END	2023	10	25	9	49	N	41	.1283	W	8	.7472

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.xxx)	DECIMAL DEGREE (+/- xx.xxx)
START	2023	10	25	10	30	N 41° . 125	W 08° . 751
END	2023	10	25	10	45	N 41° . 134	W 08° . 764

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	10	25	11	04	N 41° . 127	W 08° . 746
END	20	10	25	11	19	N 41° . 137	W 08° . 746

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	10	25	11	35	N 41° . 129	W 08° . 744
END	20	10	25	11	50	N 41° . 138	W 08° . 74

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*

