



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _METADATA

2023 11 05 0 9 5

BATHYMETRY LATITUDE LONGITUDE

12.8 +37.1359 007.3991

START UTC END UTC STATION NAME

HH:MM HH:MM Guadiana shore

12 34

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	35.8	18.0	1 [] 2 [x] 3 []		7.70
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS (PORTUGAL) : Good weather, no waves.
 Station at anchor for rosette and pumping. Adrift for the nets.
 Dish washing just before the station !!
 A fluorometer broke during the 680 µm haul → a new one was done.
 A HTSRB was done
 Station just in front of the Guadiana river (river at the border between the Portugal and Spain). We stay in the Portugal area.

- LISTS OF DEPLOYMENTS BY STATION: NORMAL SITE SERVICE SITE
- ROSETTE HTSRB
 - A20 PUMP FOR OMICS A20 PUMP FOR DECKNET 5 µM
 - A40 PUMP FOR DECKNET 20 µM ASM
 - NET 200 µM NET 680 µM x2
 - BOW POLE MERCURY
 - SML SECCHI DISK: 4.00 m



STATION CAST #

NORMAL SITE SERVICE SITE

[UTC]
 YYYY M DD HH M DECIMAL DEGREE (+/- XX.XXXX) DECIMAL DEGREE (+/- XX.XXXX)
START 20 11 05 12 37 N 37° .135 W 07° .399
END 20 11 05 12 43 N 37° .135 W 07° .399

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	5
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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	05	12	34	N	37	.1357	W	7	.3991
END	2023	11	05	13	10	N	37	.1357	W	7	.3991

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 *onic*

*S320 } R01- R02
 S023 }
 B320
 P023
 S320-L
 S023-L*

T-HG Vial-40mL RT >10°C	 112556160	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	 112556161	### MTE-S-2

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



STATION

0 9 5

NORMAL SITE

SERVICE SITE



[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 23	11	05	12	44	N 37 . 135	W 7 . 3991
END	20 23	11	05	13	06	N 37 . 135	W 7 . 3991

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

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
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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	11	05	13	24	N 37 . 135	W 7 . 3991
END	20 23	11	05	13	54	N 37 . 135	W 7 . 3991

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
 110L
 30 min

*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	11	05	13	47	N 37 . 1365	W - 7 . 3992
END	2023	11	05	14	02	N 37 . 1366	W - 7 . 3992

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	5
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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	05	14	10	N 37	. 135	W 7	. 3991
END	2023	11	05	14	20	N 37	. 135	W 7	. 3991

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

14 dips

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	20	23	11	05	15	11	N 37.1341 W 007.3963
END	20	23	11	05			N 37. W 007.

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
Adrift .

*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	11	05	15	29	N 37.1362 W 007.4010
END	20	23	11	05	15	45	N 37.1390 W 007.3946

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START

SOUNDER OUT (m) SCANMAR (m) SEASTATE END

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 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

END 20

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*

