



LOG\_SAMPLES\_ YYYY MM DD  
 2023 11 06

# # #  
 \_STATION- 0 9 6 \_METADATA

BATHYMETRY 81.0 LATITUDE +37.04637 LONGITUDE 007 4261

START UTC HH:MM 13 35 END UTC HH:MM 18 00 STATION NAME GUADIANA 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 <sup>-1</sup> (from fluoroprobe in U-Lab)
[1] Z= 0 m	35.7	19.1	1 <input checked="" type="checkbox"/> 2 [] 3 []	0,6 0,88 0,70	5.75
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS (PORTUGAL) : Offshore station of the Guadiana river transect. Good weather too. No problem. the station end just before the sun set.

• 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: 11.0 m (but drifting a lot)





STATION 

0	9	6
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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	06	13	35	N	37	.	0553	W	37	.	0553
END	2023	11	06	14	12	N	7	.	4335	W	7	.	4335

INVESTIGATOR(S) 

OB
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- 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 }*  
*P320*  
*P023*  
*S320-L*  
*S023-L*

<b>T-HG</b> Vial-40mL RT >10°C	 112556163	### T-HG-2
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<b>MTE-BP</b> Bottle-125mL RT >10°C	 112556164	### MTE-S-2
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<b>ASM</b> Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6



STATION

CAST #

NORMAL SITE

SERVICE SITE



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

**START**    20                  

**END**      20                  

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)												

→ all surface.



STATION

0 9 6

NORMAL SITE

SERVICE SITE



[ UTC ]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20 23

11

06

13

45

N

37

.052

W

7

.4312

END

20 23

11

06

14

05

N

37

.0448

W

7

.4249

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

0 9 6

NORMAL SITE

SERVICE SITE

[ UTC ]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20 23

11

06

14

19

N 37 . 059

W 7 . 429

END

20 23

11

06

15

02

N 37 . 052

W 7 . 4350

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

stopped for 15 min to relocate in 1 mile radius

\*volumeter always in litres





STATION 

0	9	6
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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	06	14	47	N 37	.059	W 7	.4398
END	2023	11	06	14	56	N 37	.054	W 7	.43660

INVESTIGATOR(S) 

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

COMMENTS / PROTOCOL NAMES

<b>T-HG</b> Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
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<b>MTE-BP</b> Bottle-125mL RT >10°C	### MTE-S-1	### MTE-S-2
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<b>ASM</b> 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	11	06	14	59	N	37	.0537	W	7	.4358
END	2023	11	06	15	14	N	37	.0457	W	7	.4311

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	23	11	06	15	52	N 37° . 049 W 07° . 427
END	20	23	11	06	16	13	N 37° . 046 W 07° . 417

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	20	11	06	16	33	N 37° . 0475	W 07° . 422
END	20	11	06	16	53	N 37° . 047	W 07° . 412

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 23 11 06    16 59    N 37° . 046    W 07° . 409

**END**    20 23 11 06    17 19    N 37 . 044    W 07 . 401

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*

