



LOG_SAMPLES_ YYYY MM DD
2023 11 08

_STATION- # # # _METADATA
098

BATHYMETRY 101 m

LATITUDE +36.48825

LONGITUDE -006.65437

START UTC HH:MM 12 30

END UTC HH:MM 17 00

STATION NAME CADIX 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= 0 m	36.0	19.5	1 <input checked="" type="checkbox"/> 2 [] 3 []	1,44 0,70 1,30	6.71
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS (SPAIN): Good weather, no wind, no waves. Very clear water, no turbid. SAL and HTSRB were done. All the station was adrift.

Mat took video in the water of the rosette when it was closed. We sampled during the ebb tides but not during slack tide because too late (night).

• 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: 22. 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	11	08	12	36	+36.494	-06.654
END	2023	11	08	12	47	+36.495	-06.654

OPERATORS INITIALS

CABLE OUT (m) <input type="text" value="70"/>	SOUNDER IN (m) <input type="text" value="101m"/>	WIND SPEED (kn) <input type="text" value="6nk"/>
SCANMAR (m) <input type="text" value="34m"/>	SOUNDER OUT (m) <input type="text" value="104m"/>	WIND DIRECTION <input type="text" value="N"/>
PLACE NAME <input type="text" value="Cadix offshore"/>		SEASTATE START <input type="text" value="2"/>
CTD raw file name <input type="text"/>		SEASTATE END <input type="text" value="2"/>
UVP raw file name <input type="text"/>		Other information <input type="text" value="SPAIN"/>

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	8
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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	12	43	N	36.	4962	W	6.	6546
END	2023	11	08	13	20	N	36.	4886	W	6.	6543

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 } Rel- R02
S023 }
P320
P023
S320 -L
S023 -L

T-HG Vial-40mL RT >10°C	 112556169	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	 112556170	### MTE-S-2

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



STATION

0 9 8

NORMAL SITE

SERVICE SITE



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

START

2023

11

08

12

59

N

36

.495

W

6

.654

END

2023

11

08

13

18

N

36

.495

W

6

.654

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
19 min

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	8
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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

08

13

28

N 36

. 495

W 6

. 654

END

20 23

11

08

14

00

N 36

. ~~479~~

W 6

. ~~654~~ 656

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

100L

*volumeter always in litres



STATION

0	9	8
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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	08	13	30	N 36	. 495	W 6	. 654
END	20	23	11	08	13	43	N 36	. 483	W 6	. 655

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

NORMAL SITE SERVICE SITE

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

START 2023 11 08 13 46 N 36 . 4828 W 6 . 6556

END 2023 11 08 14 01 N 36 . 4791 W 6 . 6559

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 *low biomass*

**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	08	14	49	+ 36 . 4898	- 006 . 6558
END	2023	11	08	15	04	+ 36 . 4836	- 006 . 6558

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	8
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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

15

21

+

36

.

4997

-

006

.

6525

END

2023

11

08

15

36

+

36

.

4926

-

006

.

6515

INVESTIGATOR(S)

YM, MR, NG, TL

DAY

NIGHT

SOUNDER IN (m)

99,0

CABLE OUT (m)

SEASTATE START

2

SOUNDER OUT (m)

100,0

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

65334

END

67235

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 08 15 44 + 36 . 4952 - 006 . 6491

END 20 23 11 08 15 59 + 36 . 4889 - 006 . 6465

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*

