Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

LOG_SAMPLES_ YYYY 2024 MM 03 DD 05 _STATION- # 1 # 0 # 4 _METADATA

BATHYMETRY > 2000

LATITUDE 36.6583

LONGITUDE 001,5159

START UTC HH:MM 07 11

END UTC HH:MM 14 48

STATION NAME ALMERIA 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	37.4	15.1	1 ☒ 2 ☐ 3 ☐	1.36	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS : 2nd depth!

in the minimum oxygene.

Sampling at the bottom of the mix layer depth (MLD), because no DCM, only see a chl peak at the mid - surface.

Calm sea, no wind and sun.

3 measures of salinity (at surface, 60m, and 1500 m).

- 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:~~

Fondation tara océan explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 0 4   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	7	00	N 36.6579	W 1.5155
END	2024	03	05	7	27	N 36.6586	W 1.5161

INVESTIGATOR(S) OB

EVENT TYPE
○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB
☒ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ○ eDNA ○ Filtration 5µM

COMMENTS / PROTOCOL NAMES Omics

S320 }
S023 } R01_R02

Surface.

P320
P023

S320-L
S023-L

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

Fondation tara océan
explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 0 4

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	07	02	N 36.6576	W 01.5149
END	20			07	32	N 36.6586	W 01.5159

INVESTIGATOR(S) MARTA FURIA

EVENT TYPE
○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB
○ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ● eDNA ○ Filtration 5µM

COMMENTS / PROTOCOL NAMES

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

Fondation **tara océan** explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 1 0 4   CAST # 1   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	7	11	N 36 . 6587	W 001 . 5159
END	2024	03	05	8	40	N 36 . 6549	W 001 . 5185

OPERATORS INITIALS

CABLE OUT (m)	1390	SOUNDER IN (m)	0	WIND SPEED (kn)	10
SCANMAR (m)	0 chart 2150	SOUNDER OUT (m)	0	WIND DIRECTION	77°
PLACE NAME	ALMERiA OFFSHORE			SEASTATE **START**	2
CTD raw file name	ST104_20240305.hex			SEASTATE **END**	2
UVP raw file name				Other information	SPAIN

Bottle #	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Bottle Volume (L)	8	8	8	8	12	12	12	12	12	8	8	12
Depth Label	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)											1400	
CTD Depth (m)											1409	

Fondation tara océan
explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 0 4 | NORMAL SITE ☒ | SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	07	56	N 36.6584	W 01.5159
END	2024	03	05	08	15	N 36.6566	W 01.5172

INVESTIGATOR(S) MARTA FURIA

EVENT TYPE
☒ SML ○ MICROTOPS ☒ BOW POLE ○ hTSRB
○ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ○ eDNA ○ Filtration 5µM

COMMENTS / PROTOCOL NAMES

T-HG **Vial-40mL** **RT >10°C**	112553416	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112553417	### MTE-S-2

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

Fondation tara océan
explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 0 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	08	35	N 36.6552	W 01.5182
END	20	03	05	09	20	N 36.6505	W 01.5246

INVESTIGATOR(S): MARIA
FURIA

☒ 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 ~100L Surface

volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 0 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	09	48	N 36.6716	W 001.5236
END	2024	03	05	10	10	N 36.6659	W 001.5266

INVESTIGATOR(S) EL; TL

☒ DAY ○ NIGHT

SOUNDER IN (m)	0	CABLE OUT (m)	210	SEASTATE START	2
SOUNDER OUT (m)	0	SCANMAR (m)	202,8	SEASTATE END	2

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 27308 END 28400

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 0 4 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	11	50	N 36.6663	W 001.5248
END	2024	03	05	12	08	N 36.660	W 001°.529

INVESTIGATOR(S) EL; TL; MG ☒ DAY ○ NIGHT

SOUNDER IN (m)	2200	CABLE OUT (m)	246	SEASTATE **START**	2
SOUNDER OUT (m)	2200	SCANMAR (m)	200	SEASTATE **END**	2

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 28 402 END 31 403

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

**volumeter always in litres*

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 0 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	03	5	12:	26	N 36 . 669	W 01° . 520
END	20	03	5	12:	40	N 36 . 667	W 01° . 523

INVESTIGATOR(S) EL ; TL ; MG

☒ DAY ○ NIGHT

SOUNDER IN (m)	2000	CABLE OUT (m)	220	SEASTATE **START**	2/3
SOUNDER OUT (m)	2200	SCANMAR (m)	210	SEASTATE **END**	2/3

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 92 976 END 94068

NET COD-END 680 ☒ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 0 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	03	05	12:	53	N 36° . 666	W 01° . 529
END	20	03	05	13:	03	N 36 . 6648	W 001 . 5342

INVESTIGATOR(S) TL; EL

☒ DAY ○ NIGHT

SOUNDER IN (m)	2200	CABLE OUT (m)	205	SEASTATE **START**	2/3
SOUNDER OUT (m)	2200	SCANMAR (m)	200	SEASTATE **END**	2/3

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 94068 END 95561

NET COD-END 680 ○ ZooScan ☒ S680-L

COMMENTS

*volumeter always in litres

Fondation tara océan
explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 1 0 4 CAST # 2 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	03	05	13	30	N 36.6677	W 001.5588
END	2024	03	05	13	41	N 36.6653	W 001.5214

OPERATORS INITIALS

CABLE OUT (m) 151.9

SOUNDER IN (m)

WIND SPEED (kn) 10

SCANMAR (m) 150

SOUNDER OUT (m)

WIND DIRECTION 82

PLACE NAME ALMARiA OFFSHORE

SEASTATE START 3

CTD raw file name ST104-20240305_bis.hex

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	8	8	12	12	12	12	12	8	8	12
Depth Label	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)	60	60	60	60	60	60	60	60	60	60	60	60
CTD Depth (m)												

LOG-EVENT_ROSETTE

STATION 1 0 4 CAST # 3 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 24	03	05	14	37	N 36 . 6625	W 001 . 5288
END	20 24	03	05	14	47	N 36 . 6534	W 001 . 5315

OPERATORS INITIALS: ALMARiA OFFSHORE

CABLE OUT (m)	149,4	SOUNDER IN (m)		WIND SPEED (kn)	13,5
SCANMAR (m)	150	SOUNDER OUT (m)		WIND DIRECTION	074
PLACE NAME				SEASTATE **START**	
CTD raw file name	ST104_20240305_ter.hex			SEASTATE **END**	
UVP raw file name				Other information	SPAIN

Bottle #	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**
Bottle Volume (L)	8	8	8	8	12	12	12	12	12	8	8	12
Depth Label	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)	60											
CTD Depth (m)												