Fondation **tara océan**
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LOG-METADATA

tara EUROPA

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	05	13	_STATION-	1	4	4	_METADATA

BATHYMETRY: 148m

LATITUDE: 39,0288

LONGITUDE: 016,0438

START UTC HH:MM: 04 00

END UTC HH:MM: 10 00

STATION NAME: Paola

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	38.0428	18.8026	1 ☐ 2 ☒ 3 ☐	0,54 0,51 0,34	Ø
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS with LSI, same day.

Beautifull day calm and sunny. Low biomass but nice plankton.

- LISTS OF DEPLOYMENTS BY STATION: ● NORMAL SITE ○ SERVICE SITE

● ROSETTE

● A20 PUMP FOR OMICS ● A20 PUMP FOR DECKNET 5 µM

● A40 PUMP FOR DECKNET 20 µM ● ASM

● NET 200 µM ● NET 680 µM

● BOW POLE ● MERCURY

● SML ● SECCHI DISK: 9m

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LOG-EVENT_OTHER

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STATION 1 4 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	13	03	59	N 38 . 0428	E 18 . 8026
END	2024	05	13	04	35	N 39 . 0281	E 16 . 0366

INVESTIGATOR(S)

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**	112585517	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112585516	### MTE-S-2

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

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LOG-EVENT_ROSETTE

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STATION 1 4 4   CAST # 1   NORMAL SITE ●   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	13	04	00	N 39.0288	E 016.0438
END	2024	05	13	04	06	N 39.02924	E 016.0402

OPERATORS INITIALS

CABLE OUT (m)	145	SOUNDER IN (m)	138	WIND SPEED (kn)	5
SCANMAR (m)		SOUNDER OUT (m)	148	WIND DIRECTION	150
PLACE NAME	Paola			SEASTATE START	1
CTD raw file name	ST144_20240513			SEASTATE END	1
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 Z0	Z	Z	Z	Z	Z	Z
Target Depth (m)												
CTD Depth (m)												

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LOG-EVENT_NET

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STATION 1 4 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	13	07	29	N 39 . 0260	E 016 . 0460
END	2024	05	13	07	44	N 39 . 0244	E 016 . 0348

INVESTIGATOR(S) Monch / Selenne

☒ DAY ○ NIGHT

SOUNDER IN (m)	135	CABLE OUT (m)	surface	SEASTATE **START**	0
SOUNDER OUT (m)	207	SCANMAR (m)	—	SEASTATE **END**	0

NET TYPE ○ Decknet 20* ○ WPII 200 ☒ Regent 680 ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN surface MAX —

NET FLOWMETER /VOLUMETER in L for 20-µM	START	56934 18725	END	60329 22164

= 3395
= 3439

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

2 flowmeters have been used, to test the accuracy of on old one. The top value is the new device, the bottom is the old one. Priority given to top/new) value.

*volumeter always in litres

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STATION	144	NORMAL SITE ●	SERVICE SITE ○	

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	13	06	25	+39 . 0207	+016 . 0544
END	2024	05	13	07	13	+39 . 0250	+16 . 0475

INVESTIGATOR(S) D C ● DAY ○ NIGHT

SOUNDER IN (m)	121	CABLE OUT (m)	/	SEASTATE **START**	1
SOUNDER OUT (m)	131	SCANMAR (m)	/	SEASTATE **END**	1

NET TYPE ● Decknet 20* ○ WPII 200 ○ Regent 680 ○ Decknet 5

NET TOW TYPE ● Horizontal ○ Oblique

NET DEPTH (m)	MIN	0	MAX	3
NET FLOWMETER /VOLUMETER in L for 20-µM	START	112300	END	113962

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS Drifting

volumeter always in litres

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STATION 1 4 4   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	13	08	37	+ 39° . 0311	+ 016° . 0538
END	2024	05	13	09	02	+ 39° . 0248	+ 016° . 0393

INVESTIGATOR(S)   DAY ☒   NIGHT ○

SOUNDER IN (m)	89 m	CABLE OUT (m)	—	SEASTATE **START**	rippled ①
SOUNDER OUT (m)	200 m	SCANMAR (m)	—	SEASTATE **END**	rippled

NET TYPE ○ Decknet 20* ○ WPII 200 ☒ Regent 680 ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN Surface MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 60 329 END 65 312

22 166   27 194

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

Wind direction 340° / wind speed 4,3 knots.

Test of old flowmeter. Top value (to keep) is the new one, bottom is the old.

*volumeter always in litres

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STATION 1 4 4

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	13	09	17	+ 39° . 0233	+ 016° . 0668
END	2024	05	13	09	32	+ 39° . 0240	+ 016° . 0382

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	235	CABLE OUT (m)		SEASTATE START	rippled
SOUNDER OUT (m)	217	SCANMAR (m)		SEASTATE END	rippled

NET TYPE ○ Decknet 20* ☒ WPII 200 ○ Regent 680 ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN Surface MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 65316 END 68350

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres