Fondation taraocéan explore and share **LOG-METADATA** tara EUROPA

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	05	02	_STATION-	1	4	0	_METADATA

BATHYMETRY: 81m

LATITUDE: 40,8063

LONGITUDE: 14,2546

START UTC HH:MM: 06 15

END UTC HH:MM: 14 00

STATION NAME: Torre del Greco

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	37.5302	18.1859	1 ☐ 2 ● 3 ☐	0,99 0,80 1,06	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS LSI site but not the same day. VV club transfer + Plankton for AML done by Kiwi ≃ 11am. Stephane + Martin + Anna (consul) + Ariane + Another artist onboard for the day. Strong weather / drift between Marechiara and 140. Lots of plancton in all size fraction.
↳ 200µm net + 20µm decknet + CO2 (20µm for 5µm filtration.

- 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: 4.5m

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LOG-EVENT_ROSETTE

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

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	02	06	18	N 40 . 8063	E 14 . 2546
END	2025	05	02	06	25	N 40 . 8087	E 14 . 2560

OPERATORS INITIALS

CABLE OUT (m)	72	SOUNDER IN (m)	81.2	WIND SPEED (kn)	11nds
SCANMAR (m)	71	SOUNDER OUT (m)	78.1	WIND DIRECTION	180
PLACE NAME	Torre del Greco			SEASTATE **START**	2
CTD raw file name	ST140_20240502			SEASTATE **END**	2
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	Z0 Z	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 0

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	02	08	22	N 40 . 8065	E 014 . 2563
END	2024	05	02	08	23	N 40 . 8071	E 014 . 2567

INVESTIGATOR(S) Manch / Solenne

☒ DAY ○ NIGHT

SOUNDER IN (m)	80	CABLE OUT (m)	Surface	SEASTATE **START**	3
SOUNDER OUT (m)	80	SCANMAR (m)	—	SEASTATE **END**	3

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 45465 END ~~46 875~~ 45 786

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS AML NET!

for 200 µm - 2000 µM

=> NOT for TARA SAMPLES
ALL was sent to AML.

*volumeter always in litres

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STATION | 1 | 4 | 0

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	02	9	30	+ 40 . 8191	+ 14 . 2625
END	2024	05	02	9	33	+ 40 . 8292	+ 14 . 2512

INVESTIGATOR(S): Douglas / Romain

☒ DAY ○ NIGHT

SOUNDER IN (m)	82	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	0-3	MAX	0-3
NET FLOWMETER /VOLUMETER in L for 20-µM	START	107 300	END	107421

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

**volumeter always in litres*

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LOG-EVENT_NET

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STATION 1 4 0

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 24	05	02	10	56 -	N 40 . ~~48731~~ 8134	E 014 . 15, ~~562~~ 2599
END	20 24	05	02.	10	06 .	N 40 . 8173	E 014 . 2629.

INVESTIGATOR(S) Solenne . + Doug.

☒ DAY ○ NIGHT

SOUNDER IN (m)	74	CABLE OUT (m)	surface	SEASTATE **START**	2/3
SOUNDER OUT (m)	64	SCANMAR (m)	surface.	SEASTATE **END**	2/3

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

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m)	MIN	surface	MAX	surface.
NET FLOWMETER /VOLUMETER in L for 20-µM	START	45 788.	END	47 888

NET COD-END 680 ☒ ZooScan ○ S680-L

COMMENTS

**volumeter always in litres*

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LOG-EVENT_NET

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STATION 1 4 0

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	02	11	39	N 40.8019	E 014.2440
END	2024	05	02	11	49	N 40.8039	E 014.2496

INVESTIGATOR(S) Solenne. Dong

☒ DAY ○ NIGHT

SOUNDER IN (m)	81	CABLE OUT (m)	surface	SEASTATE **START**	3
SOUNDER OUT (m)	81	SCANMAR (m)	0	SEASTATE **END**	3

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

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN 0 MAX 0

NET FLOWMETER /VOLUMETER in L for 20-µM START 47 945 END 49 704

NET COD-END 680 ○ ZooScan ☒ S680-L

COMMENTS

***volumeter always in litres**

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LOG-EVENT_OTHER

tara EUROPA

STATION | 1 | 4 | 0 |

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/-XX.XXXX)	DECIMAL DEGREE (+/-XX.XXXX)
START	2024	05	02	12	27	40.8002	14.2537
END	20					.	.

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

Very polluted area.
Lots of wind and bit of rain.

T-HG Vial-40mL RT >10°C	112547506	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	112581140	### 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_NET

tara EUROPA

STATION 1 4 0

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	02	12	40	N 40 . 8048	E 014 . 2611
END	2024	05	02	12	42	N 40 . 8056	E 014 . 2617

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)		CABLE OUT (m)		SEASTATE **START**	4
SOUNDER OUT (m)		SCANMAR (m)		SEASTATE **END**	4

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	49709	END	49974

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

***volumeter always in litres**