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

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	06	09	_STATION-	1	6	1	_METADATA

BATHYMETRY: 30 m

LATITUDE: 45,2230

LONGITUDE: 12,8940

START UTC HH:MM: 09 19

END UTC HH:MM: 13 00

STATION NAME: offshore italian blue water

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)~~ CTD-Rosette - surface
[1] Z= m	30.8716	25.0732	1 ☐ 2 ☒ 3 ☐	0,95 0,97 0,96	1.5883
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS Last station in Italy. We tried to reach more blue water but still ~~charged~~ concentrated.
We lost a cod-end of 200 µM so not able to do this net.
Windy weather.

- 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: ____ => too fast for a Secchi deployment

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LOG-EVENT_ROSETTE

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STATION 161 CAST # 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	09	09	19	N 45.2230	E 12.8940
END	2024	06	09	09	24	N 45.2252	E 12.8911

OPERATORS INITIALS

CABLE OUT (m)	22,5	SOUNDER IN (m)	29,5	WIND SPEED (kn)	15
SCANMAR (m)		SOUNDER OUT (m)		WIND DIRECTION	120°
PLACE NAME	Offshore italian blue water			SEASTATE **START**	2
CTD raw file name	ST161_20240609			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)												
CTD Depth (m)												

surface

Fondation tara océan explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 161

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	09	9	19	N 45.2230	E 12.8940
END	2024	06	09	9	40	N 45.2224	E 12.8810

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 } Ro1 - Ro2
S023 }

P320

P023

S320-L

S023-L

T-HG **Vial-40mL** **RT >10°C**	112561928	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112561929	### 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 6 1 — NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 24	06	09	11	35	N 45 . 226258	E 12 . 897456
END	20 24	06	09	11	42	N 45 . 228840	E 12 . 893108

INVESTIGATOR(S)

☒ 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	126060	END	126320

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 6 1	NORMAL SITE ☒	SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	09	12:	31	N 45°.200	E12.910
END	2024	06	09	12:	~~41~~ 38	N 45°.205	E 12..915

INVESTIGATOR(S)		☒ DAY	○ NIGHT

SOUNDER IN (m)	32,3	CABLE OUT (m)		SEASTATE **START**	3
SOUNDER OUT (m)	32,2	SCANMAR (m)	-	SEASTATE **END**	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	26476	END	

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS (Cancel Lost collectors)

***volumeter always in litres**

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 6 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	09	13	17	N 45° . 220	E 12° . 905
END	2024	06	09	13	27	N 45° . 228	E 12° . 899

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	31,9 m	CABLE OUT (m)	—	SEASTATE START	2/3
SOUNDER OUT (m)	30,2 m	SCANMAR (m)	—	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 25042 END 28519

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS

*volumeter always in litres

LOG-EVENT_NET_recto_V22032023

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 1 6 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	06	09	13	41	N 45°.234	E 12°.895
END	20	06	09	13	46	N 45°.237	E 12°.893

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	29,7m	CABLE OUT (m)		SEASTATE **START**	2
SOUNDER OUT (m)	29,5m	SCANMAR (m)		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 28521 END 29214

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

50% of the sample!

volumeter always in litres