Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

LOG_SAMPLES_ YYYY 2024 MM 05 DD 22 _STATION- # 1 # 5 # 0 _METADATA

BATHYMETRY 20.4m

LATITUDE 41,3720

LONGITUDE 16,3371

START UTC HH:MM 05 00

END UTC HH:MM 10 00

STATION NAME Barletta

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	36.4625	20.2093	1 ☐	0.53	0,53	∅
			2 ●	0.46	0,46	
			3 ☐	0.52	0,52	
[2] Z= m			1 ☐			
			2 ☐			
			3 ☐			
[3] Z= m			1 ☐			
			2 ☐			
			3 ☐			

- **COMMENTS** with LST. Fire on the beach. Seastate ≃ 3, 15-20 knots wind. First part at Anchor and then Towed the 200µm and 680µm nets. Water was clear but filtrations were quite slow. No more N^{15} for the PPN_2 experiment (only 1 bottle had N^{15}).

- **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: 8m !

Fondation tara océan explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 1 5 0 CAST #

NORMAL SITE ☒ SERVICE SITE ○

at anchor.

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	22	04	53	N 41.3720	E 16.3371
END	2024	05	22	04	59	N 41.3720	E 16.3371

OPERATORS INITIALS: DM_MO_SC

CABLE OUT (m)	15m.	SOUNDER IN (m)	21,6	WIND SPEED (kn)	17
~~SCANMAR~~ depth (m)	15m	SOUNDER OUT (m)	21,6	WIND DIRECTION	240
PLACE NAME	BARLETTA			SEASTATE **START**	2/3
CTD raw file name	ST150_20240522			SEASTATE **END**	2/3
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)												

Fondation tara océan explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 5 0

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	22	04	54	+ 41 . 3720	+ 41 . 3720
END	2024	05	22	05	35	+ 16 . 3371	+ 41 . 3371

INVESTIGATOR(S) JEANTHON C.

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_NET

tara EUROPA

STATION 1 5 0

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	22	06	44	+ 41 . 3718	+ 16 . 3372
END	2024	05	22	07	25	+ 41 . 3717	+ 16 . 3372

INVESTIGATOR(S) RAVWI Romain, Douglas

☒ DAY ○ NIGHT

SOUNDER IN (m)	21	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 MAX 0

NET FLOWMETER /VOLUMETER in L for 20-µM START 119500 END 120584

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 5 0 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	22	08	40	N 41 . 3700	E 016 . 33 81
END	2024	05	22	08	50	N 41 . 3676	E 016 . 3464

INVESTIGATOR(S) Léo / Solenne ☒ DAY ○ NIGHT

SOUNDER IN (m)	19	CABLE OUT (m)	/	SEASTATE START	3
SOUNDER OUT (m)	22	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 Surface

NET FLOWMETER /VOLUMETER in L for 20-µM START 28368 END 30185

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 5 0   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	22	09	13	N 41.3708	E 016.3359
END	2024	05	22	09	30	N 41.3655	E 016.3429

INVESTIGATOR(S) Mark/Solenne   ☒ DAY   ○ NIGHT

SOUNDER IN (m)	18	CABLE OUT (m)	—	SEASTATE START	3
SOUNDER OUT (m)	18	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 30187 END 32062

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

Ariana filmed inside the bucket to film plankton.

volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 150

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	22	09	36	N 41.3626	E 016.3460
END	2024	05	22	09	56	N 41.3557	E 016.3530

INVESTIGATOR(S) Mauch/Solenne

☒ DAY ○ NIGHT

SOUNDER IN (m)	18	CABLE OUT (m)	/	SEASTATE **START**	3
SOUNDER OUT (m)	16	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 32064 END 34390

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS Drift SE 1,6 knt.

volumeter always in litres

LOG-EVENT_NET_recto_V22032023