Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

LOG_SAMPLES_ YYYY 2024 MM 07 DD 25 _STATION- # 1 # 8 # 4 _METADATA

BATHYMETRY 65

LATITUDE 40,7123 N

LONGITUDE 25,1581 E

START UTC HH:MM 03 30

END UTC HH:MM 09 15

STATION NAME Ikaros 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= 1.5 m	33.6	27.3	1 [X] 2 [ ] 3 [ ]	0,29 0,26 0,27	0.3
[2] Z= m			1 [ ] 2 [ ] 3 [ ]		
[3] Z= m			1 [ ] 2 [ ] 3 [ ]		

- COMMENTS

- LISTS OF DEPLOYMENTS BY STATION: (X) NORMAL SITE ( ) SERVICE SITE

(X) ROSETTE

( ) A20 PUMP FOR OMICS

( ) A20 PUMP FOR DECKNET 5 µM

( ) A40 PUMP FOR DECKNET 20 µM

(X) ASM

( ) NET 200 µM

( ) NET 680 µM

( ) BOW POLE

( ) MERCURY

( ) SML

( ) ~~SECCHI DISK:~~

Fondation tara océan explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 1 8 4 CAST # NORMAL SITE ◯ SERVICE SITE ◯

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	07	25	03	45	N 40.7283	E 25.1736
END	2024	07	25	03	57	N 40.7244	E 25.1688

OPERATORS INITIALS

CABLE OUT (m)	60	SOUNDER IN (m)	66	WIND SPEED (kn)	15
SCANMAR (m)		SOUNDER OUT (m)	67	WIND DIRECTION	N
PLACE NAME				SEASTATE START	3
CTD raw file name	ST184_20240725.hex			SEASTATE END	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)												

4

Fondation tara océan explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 1 8 4

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	07	25	03	50		
END	20	07	25	04	10		

INVESTIGATOR(S) Hugo BERTHELOT

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

SAMPLING GENOMICS : 03:50 => 04:10

Except P320 and P023 => 05:35 => 05:55

T-HG Vial-40mL RT >10°C	115561841	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	115561840	### 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 8 4

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 24	07	25	05	13	N 40° . 7268	E 25° . 1617
END	20 24	07	25	06	00	N 40° . 7225	E 25° . 1868

INVESTIGATOR(S): ZH

● DAY ○ NIGHT

SOUNDER IN (m): 67

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 146 227 END 147 787

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 8 4

NORMAL SITE ☒ SERVICE SITE ☐

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	07	25	7:	33	N 40° . 742	E 25° . 136
END	20	07	25	7:	48	N 40° . 735	E 25° . 130

INVESTIGATOR(S)

☒ DAY ☐ NIGHT

SOUNDER IN (m): 66m

CABLE OUT (m):

SEASTATE START: 3/4

SOUNDER OUT (m): 67

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: 12775 END: 16 936

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 8 4

NORMAL SITE ☒ SERVICE SITE ☐

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	07	25	08:	12	N 40 . 7260	E 25 . 1330
END	20	07	25	08:	27	N 40 . 7185	E 25 . 1381

INVESTIGATOR(S): T. L.

☒ DAY ☐ NIGHT

SOUNDER IN (m): 70

CABLE OUT (m): surface

SEASTATE START: 4

SOUNDER OUT (m): 73

SCANMAR (m): Ø

SEASTATE END: 4

NET TYPE: ☐ Decknet 20* ☐ WPII 200 ☒ Regent 680 #1 ☐ Decknet 5

NET TOW TYPE: ☒ Horizontal ☐ Oblique

NET DEPTH (m) MIN: Ø MAX: Ø

NET FLOWMETER /VOLUMETER in L for 20-µM START: 17079 END: 20 577

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 8 4

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	07	25	09	07	N 40.7220	E 25.1367
END	2024	07	25	09	27	N 40.6962	25.1536

INVESTIGATOR(S): T. L.

● DAY ○ NIGHT

SOUNDER IN (m): 70,7

CABLE OUT (m): surface

SEASTATE START: 4

SOUNDER OUT (m): 78,0

SCANMAR (m): Ø

SEASTATE END: 4

NET TYPE: ○ Decknet 20* ○ WPII 200 ● Regent 680 #2 ○ Decknet 5

NET TOW TYPE: ● Horizontal ○ Oblique

NET DEPTH (m) MIN: Ø MAX: Ø

NET FLOWMETER /VOLUMETER in L for 20-µM START: ~~20577~~ 24353 END: 28053

NET COD-END 680: ● ZooScan ○ S680-L

COMMENTS

09:07

09:27

40,7220°N 25,1367°E

40°,6962'N 25,1536°E

flowmeter 24353 → 28053

*volumeter always in litres

*200 µm (2) → avec + de biomasse noire
acflowmeter

(1) → avec bon, ⊖ de biomasse,
(2) → Non !!