Fondation tara océan
explore and share

LOG-METADATA

tara EUROPA

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2023	07	12	_STATION-	0	4	9	_METADATA

BATHYMETRY: 11 m

LATITUDE: 60.3693

LONGITUDE: 22.5735

START UTC HH:MM: 05 33

END UTC HH:MM: 10 00

STATION NAME: Tuuvala Shore

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	6.02	19.75	1 [ ] 2 [ ] 3 [■]	5.29 5.60 5.31	14.63
[2] Z= m			1 [ ] 2 [ ] 3 [ ]		
[3] Z= m			1 [ ] 2 [ ] 3 [ ]		

- COMMENTS

Front of estuary ~~station~~. Drone images: lots of heterogeneity around the site, and also vertically with the plume and salinity gradient. Re-do the cast to be sure to be under the plume, at ≃ 1,5-2 m depth. Land team ≃ 1 km from us. Very calm and sunny day again.

- 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

☑ A20 PUMP FOR DECKNET 5 µM

☑ ASM

☑ NET 680 µM

☑ MERCURY

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LOG-EVENT_OTHER

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STATION 0 4 9

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	07	12	05	33	60.3693	22.5735
END	20	07	12	06	52	60.3693	22.5735

INVESTIGATOR(S) EP, HB

EVENT TYPE
○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB
● A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ○ eDNA

COMMENTS / PROTOCOL NAMES

* Omics 05:33 → 05:54

T-HG **Vial-40mL** **RT >10°C**	112558281	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112558282	### 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_OTHER

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STATION 0 4 9   NORMAL SITE ●   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	07	12	05	42	N 60 . 3691	E 22 . 5737
END	20	07	12	06	20	N 60 . 3691	E 22 . 5737

INVESTIGATOR(S) HB

EVENT TYPE
○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB
○ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site
○ Aliens in ports ● eDNA

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

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LOG-EVENT_ROSETTE

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STATION 0 4 9   CAST #

NORMAL SITE ●   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	07	12	05	59	+ 60 . 3691	+ 22 . 5737
END	2023	07	12	06	06	+ 60 . 3691	+ 22 . 5737

OPERATORS INITIALS:

CABLE OUT (m): 3,80

SOUNDER IN (m): 10,70

WIND SPEED (kn): 2,5

SCANMAR (m):

SOUNDER OUT (m): 10,70

WIND DIRECTION: V

PLACE NAME:

SEASTATE START: Calm

CTD raw file name: st049bis-20230712

SEASTATE END: Calm

UVP raw file name:

Other information:

Bottle #	1	2	3	4	5	6	7	8	9	10	11	12
Bottle Volume (L)	8	8	12	12	12	8	8	12	12	8	8	8
Depth Label	Z	Z	Z	Z	Z	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 0 4 9   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- xx.xxxx)	DECIMAL DEGREE (+/- xx.xxxx)
START	2023	07	12	07	05	N 60.3690	E 22.5737
END	2023	07	12	07	08	N 60.3650	E 22.5737

INVESTIGATOR(S) D.D.   ☒ DAY   ○ NIGHT

SOUNDER IN (m)	10.8m	CABLE OUT (m)		SEASTATE START	smooth
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 40.510 MAX 40.626

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

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

♡ ♡ ♡

♡ last station ♡

♡ ♡

☹

*volumeter always in litres

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LOG-EVENT_NET

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STATION 0 4 9

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	7	12	08	27	+60.3658	+22.5717
END	2023	07	12	08	28	+60.3654	+22.5714

INVESTIGATOR(S)

● DAY ○ NIGHT

SOUNDER IN (m)	11,2	CABLE OUT (m)	surface	SEASTATE **START**	calm
SOUNDER OUT (m)	11,3	SCANMAR (m)	/	SEASTATE **END**	calm

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 60338 END 60489

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS 30"

**volumeter always in litres*

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STATION 0 4 9

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	07	12	08	44	+ 60.3654	+ 22.5743
END	2023	07	12	08	45	+ 60.3658	+ 22.5753

INVESTIGATOR(S)

● DAY ○ NIGHT

SOUNDER IN (m)	M18	CABLE OUT (m)	Surface	SEASTATE **START**	Calm
SOUNDER OUT (m)	M17	SCANMAR (m)	–	SEASTATE **END**	Calm

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 18153 END 18314

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS 1' We did not use that Cod-end.

1

We used 50mL from the 1,6L boltte from de S680-L net.

*volumeter always in litres