Fondation tara océan explore and share — LOG-METADATA — tara EUROPA

LOG_SAMPLES_ YYYY 2023 MM 08 DD 02 _STATION- # 0 # 5 # 7 _METADATA

LATITUDE 58,359

LONGITUDE 11,584

BATHYMETRY Kristineberg Fjord North

START UTC HH:MM 06 00

END UTC HH:MM 10 00

STATION NAME 86m

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	9.45	18.61	1 [ ] 2 [■] 3 [ ]	0,83 0,94 0,85	8.72
[2] Z= m			1 [ ] 2 [ ] 3 [ ]		
[3] Z= m			1 [ ] 2 [ ] 3 [ ]		

- COMMENTS There is a stratification with layer of freshwater on the surface. we did a 2nd Cast to Trigger the bottles at ≃ 2m depth to be in the "Seawater". the pumps A20 and A40 were deployed also down to 2m depth. Water is very coloured "Tea" like. Lots of cténaires. Copepods... Nice diversity in the 20µm.

- LISTS OF DEPLOYMENTS BY STATION: ○ NORMAL SITE ● SERVICE SITE

● ROSETTE x2

● 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 x2

○ ~~MERCURY~~

Fondation tara océan explore and share

LOG-METADATA

tara EUROPA

Fondation tara océan
explore and share

LOG-EVENT_OTHER

tara EUROPA

STATION 0 5 7

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	02	06	11	N 58 . 3618	E 11 . 5885
END	2023	08	02			.	.

INVESTIGATOR(S) EP, MB

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

COMMENTS / PROTOCOL NAMES

onics : 06:11 → 06:42 #1

Deckwet : → 08:04

onics : #2

09:50

T-HG **Vial-40mL** **RT >10°C**	112558878	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112558879	### 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_OTHER

tara EUROPA

STATION 0 5 7

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	02	06	12	N 58.3618	E 11.5885
END	2023	08	02	06	42	.	.

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

Fondation tara océan
explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 0 5 7 CAST # 1 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	08	02	06	19	N 58° . 357	E 11° . 585
END	20	08	02	06	27	N 58° . 357	E 011° . 585

OPERATORS INITIALS

CABLE OUT (m)	69 m	SOUNDER IN (m)	86 m	WIND SPEED (kn)	0
SCANMAR (m)	70 m	SOUNDER OUT (m)		WIND DIRECTION	0
PLACE NAME				SEASTATE **START**	1
CTD raw file name	st057-20230802.hex			SEASTATE **END**	1
UVP raw file name				Other information	

⚠ We do not use this water ⚠ Only for cast.

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)												

Fondation tara océan explore and share

LOG-EVENT_ROSETTE

tara EUROPA

STATION 0 5 7 CAST # 1 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	08	02	06	41	N 58° . 359	E 011° . 584
END	20	08	02	06	44	N 58° . 359	E 011 . 584

OPERATORS INITIALS

CABLE OUT (m) 9,6 m

SOUNDER IN (m) 86,4 m

WIND SPEED (kn) 6 nds

SCANMAR (m) 10 m

SOUNDER OUT (m) 86,4

WIND DIRECTION SW

PLACE NAME

SEASTATE **START** 1

CTD raw file name st057-20230802bis.hex

SEASTATE **END** 1

UVP raw file name

Other information

⇨ We used this water

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)					20							
CTD Depth (m)												

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 0 5 7

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	08	02	07	20	58.3599	011.5862
END	20			07	35	.	.

INVESTIGATOR(S) JC + CT

● 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 46990 END 47450

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS Drifting very slowly (0,5 knots)

*volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 0 5 7

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	08	02	8	26	N 58 . 358	E 011° . 584
END	20	08	02	8	31	N 58 . 356	E 011° . 583

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	85	CABLE OUT (m)		SEASTATE **START**	1
SOUNDER OUT (m)	83	SCANMAR (m)		SEASTATE **END**	1

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 65006 END 65348

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

Fondation tara océan explore and share

LOG-EVENT_NET

tara EUROPA

STATION 0 5 7

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	08	02	8	55	W 58° . 357	E 011° . 586
END	20	08	02	9	00	W 58° .	E 0°11 .

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m) 86 m

CABLE OUT (m)

SEASTATE **START** 1

SOUNDER OUT (m) 88 m

SCANMAR (m)

SEASTATE **END** 1

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 28580 END 28953

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

volumeter always in litres

Fondation tara océan
explore and share

LOG-EVENT_NET

tara EUROPA

STATION 0 5 7 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2020	08	02	09	17	N 58° . 359	E 011° . 586
END	2020	08	02	09	22	N 58° . 357	E 011° . 585

INVESTIGATOR(S) ☒ DAY ○ NIGHT

SOUNDER IN (m)	89m	CABLE OUT (m)	/	SEASTATE START	1
SOUNDER OUT (m)	86,8m	SCANMAR (m)	/	SEASTATE END	1

NET TYPE ○ Decknet 20* ○ WPII 200 ☒ Regent 680 (2) ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 28953 END 29369

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS

volumeter always in litres