



LOG_SAMPLES_

_STATION- _METADATA

BATHYMETRY

LATITUDE

LONGITUDE

START UTC HH:MM

END UTC HH:MM

STATION NAME

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	16.19	13.19	1 [] 2 [] 3 []	0,61 0,82 0,68	5.11
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS DENMARK

Sunny and warm day. Few Ceratium in the flowcam.
Rosette, pump A20 / A40 SA, bow pole and eDNA were at anchor.
The deployed Nets (200-µM and 680-µM) were adrift.
We did the Aliens protocols at this station (1 on Tara and 2 sites
in the harbour of Copenhagen using the kiwi). No issues.

• 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~~

ALIENS

STATION

CAST #

NORMAL SITE SERVICE SITE



[UTC]

	YYYY	M M	DD	HH	M M	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	05	29	04	59	+ 575.7345	+ 12.6489
END	2023	05	29	05	02	+ 55.7345	+ 12.6490

OPERATORS INITIALS

CABLE OUT (m)

SOUNDER IN (m)

WIND SPEED (kn)

SCANMAR (m)

SOUNDER OUT (m)

WIND DIRECTION

PLACE NAME

SEASTATE START

CTD raw file name

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	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)												



28 02 22 + 27 22 + 22 20 22 20 22
 08 02 22 + 27 22 + 22 20 22 20 22

08 02 22 : 20 22 : 20 22 : 20 22

08 02

27 22

22 20

22 20

22 20

22 20 22 20 22 20 22

22 20

22 20 22 20 22 20 22

DENMARK



STATION

0	2	9
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NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+ XX.XXXX)	DECIMAL DEGREE (+ XX.XXXX)
START	2023	05	29	5	03	55.7345	12.6489
END	2023	05	29	5	25	55.7345	12.6489

INVESTIGATOR(S)

OB	(C)
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- EVENT TYPE
- SML
 - MICROTOPS
 - BOW POLE
 - hTSRB
 - A20 PUMP
 - A40 PUMP
 - ASM Normal site
 - ASM Service site
 - Aliens in ports
 - eDNA

COMMENTS / PROTOCOL NAMES **ONIC**

S320 R01- R02

S023 R01

S320-L

S023-L

P320

P023

At ANCHOR

T-HG Vial-40mL RT >10°C	 112554861	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	 112554862	### MTE-S-2
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ASM Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6



08 06 15 21 85 22 80 2 02 20 88
 08 06 15 21 85 22 80 2 02 20 88

00 00

0110

2020 108 0282
 2023 8502

J-0282
 J-8502
 0289
 8509

At Anchor



STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+- XX.XXXX)	DECIMAL DEGREE (+- XX.XXXX)
START	2023	05	29	05	03	N 55.7346	E 12.6490
END	2023	05	29	05	33	N 55.7344	E 12.6489

INVESTIGATOR(S)

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

COMMENTS / PROTOCOL NAMES

filtered 25L in 30 min
AT ANCHOR

T-HG Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	### MTE-S-1	### MTE-S-2
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ASM Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6



08/12 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30
08/12 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30

12:30

12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30 12:30

AT ANCHOR



STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+ xx.xxxx)	DECIMAL DEGREE (+ xx.xxxx)
START	20	23	05	29	05	57	N 55 . 7344 E 12 . 6489
END	20	23	05	29	06	45	N 55 . 7344 E 12 . 6489

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START

SOUNDER OUT (m) SCANMAR (m) SEASTATE END

NET TYPE Decknet 20* WP11 200 Regent 680 Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

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

NET COD-END 680 ZooScan S680-L

COMMENTS

filtered 100 L in ~ 55min

At anchor

**volumeter always in litres*



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23 02 20 02 02 20 02 02 20
23 02 20 02 02 20 02 02 20

.5.U

At ordered
recovered

STATION 029

NORMAL SITE SERVICE SITE



[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	05	29	6	47	+ 55 . 7344	+ 12 . 6488
END	2023	05	29	7	18	55 . 7344	+ 12 . 6488

INVESTIGATOR(S) MG ; SC

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

COMMENTS / PROTOCOL NAMES COPENHAGEN HARBOUR
 ALIENS OPEN WATER ON TARA

T-HG Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	### MTE-S-1	### MTE-S-2
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ASM Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6





STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+ xx.xxxx)	DECIMAL DEGREE (+ xx.xxxx)
START	2023	05	29	7	02	55.7345	+12.6489
END	2023	05	29	7	12	55.7344	+12.6488

INVESTIGATOR(S)

DAY NIGHT

SOUNDER IN (m)

CABLE OUT (m)

SEASTATE START

SOUNDER OUT (m)

SCANMAR (m)

SEASTATE END

NET TYPE Decknet 20* WP11 200 Regent 680 Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

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

NET COD-END 680 ZooScan S680-L

COMMENTS

**volumeter always in litres*



02 00 21 + 2185 22 20 f 02 20 22

02 00 21 + 2185 22 21 f 02 20 22

01

J OFS12

J 20202

reverso FA



STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- xx.xxx)	DECIMAL DEGREE (+/- xx.xxx)	
START	20	23	05	29	08	00	+ 55.7352	+ 12.6497
END	20	23	05	29	08	10	+ 55.7339	+ 12.6520

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE START

SOUNDER OUT (m) SCANMAR (m) SEASTATE END

NET TYPE Decknet 20 WP11 200 Regent 680 Decknet 5

NET TOW TYPE Horizontal Oblique

NET DEPTH (m) MIN MAX

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

NET COD-END 680 ZooScan S680-L

COMMENTS **ADRIFT**

*volumeter always in litres



ES 20 ES + 22 + 24 20 ES 20 ES

ES

19/09/1

2,01



13028

ADRIAT



STATION

NORMAL SITE SERVICE SITE

[UTC] YYYY MM DD HH MM DECIMAL DEGREE (+/- xx.xxx) DECIMAL DEGREE (+/- xx.xxx)

START 20 23 05 29 08 23 + 55 . 7345 + 12 . 6513

END 20 23 05 29 08 38 + 55 . 7327 + 12 . 6531

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 END

NET COD-END 680 ZooScan S680-L

COMMENTS **ADRIFT**

**volumeter always in litres*



ADRIU



STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- xx.xxxx)	DECIMAL DEGREE (+/- xx.xxxx)	
START	20	23	05	29	08	47	+ 55 . 7327	+ 12 . 6529
END	20	23	05	29	09	02	+ 55 . 7307	+ 12 . 6561

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 END

NET COD-END 680 ZooScan S680-L

COMMENTS **ADRIFT**

*volumeter always in litres



ADRIFT

STATION

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NORMAL SITE SERVICE SITE



[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)		DECIMAL DEGREE (+/- XX.XXXX)		
START	20	23	05	29	10	17	55	.7218	+	12.59966
END	20	23	05	29	10	41	15 "	. 7218 "	+	12.59966 "

INVESTIGATOR(S)

MG ; BC ; MO

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

COMMENTS / PROTOCOL NAMES **COPENHAGEN HARBOUR**
 ENTRANCE : 2nd Basin right side.
 using the Zodiac

T-HG Vial-40mL RT >10°C	### T-HG-1	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	### MTE-S-1	### MTE-S-2
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ASM Whirl-Pak FRZ -20°C	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6



STATION

0	2	9
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NORMAL SITE SERVICE SITE



[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)		DECIMAL DEGREE (+/- XX.XXXX)	
START	2023	05	29	11	15	55	.7188	+	12.60393
END	2023	05	29	11	46	"	"	"	"

INVESTIGATOR(S) MG ; MO ; SC

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

COMMENTS / PROTOCOL NAMES **COPENHAGEN HARBOUR**
INSIDE THE PORT. using the zodiac.
LOT OF PARTICLES, DIFFICULT TO FILTER.

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_OTHER

tara
EUROPA

