



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _METADATA
 2023 05 17 0 2 1

BATHYMETRY 8.7 LATITUDE 57,6278 LONGITUDE +10,2125
 START UTC HH:MM 17 56 END UTC HH:MM 15 50 STATION NAME Tverstedt 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	33.37	10.51	1 [] 2 [x] 3 []	4,73 3,5 3,46	6.09
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS station just in front of sand beaches and forest. lot of sand in suspension in the water. Few jellyfish in surface.

We did the station shore one day before the land team because of bad weather conditions. We had quite some big waves but beautiful weather with lot of sun. Operator C, D and E were sea sick. Operator D was filmed to show the pre-carbon protocols to Giancarlo Bachi and Chiara Santinelli. The filtration of Chemical profiling in the Tardis runned to fast because of electrical issues (changing of electrogen group that restarted the pump on the fast mode). EDNA protocol: tubing used and changed just after the station. 2 tubings of tripods for Omics protocol also changed. Cap. of 1 & Doc samples felt down the deck and was rinsed with spray of MilliQW and water from the Niskin.

• 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

STATION CAST #

NORMAL SITE SERVICE SITE



[UTC]

	YYYY	M M	DD	HH	M M	DECIMAL DEGREE (+/- XX.XXXX)		DECIMAL DEGREE (+/- XX.XXXX)		
START	20	23	05	17	11	58	+ 57	. 6276	+ 10	. 1677
END	20	23	05	17	12	03	+ 57	. 6275	+ 10	. 1732

OPERATORS INITIALS

CABLE OUT (m)	<input type="text"/>	SOUNDER IN (m)	<input type="text" value="10,2"/>	WIND SPEED (kn)	<input type="text" value="13"/>
SCANMAR (m)	<input type="text"/>	SOUNDER OUT (m)	<input type="text" value="10,3"/>	WIND DIRECTION	<input type="text" value="270"/>
PLACE NAME	<input type="text" value="Tversted shore"/>			SEASTATE START	<input type="text" value="slight"/>
CTD raw file name	<input type="text" value="st021-20230517"/>			SEASTATE END	<input type="text" value="slight."/>
UVP raw file name	<input type="text"/>			Other information	<input type="text"/>

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)												



STATION

0	2	1
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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

17

12

03

57

.6275

10

.1750

END

20

23

05

17

12

28

57

.6271

10

.2108

INVESTIGATOR(S)

OB

(c)

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

Rel - R02

S023

P320

P023

S320L

S023L

T-HG
Vial-40mL
RT >10°C



112554490

T-HG-2

MTE-BP
Bottle-125mL
RT >10°C



112554699

MTE-S-2

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.XXX)	DECIMAL DEGREE (+/- XX.XXX)	
START	20	23	05	17	12	07	+ 57 . 6285	+ 10 . 1646
END	20	23	05	17	12	41	+ 57 . 6273	+ 10 . 229

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
10 liters filtered

T-HG Bottle-125mL 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	20	23	05	17	13	32	+57 . 6286	+10 . 1782
END	20	23	05	17	13	52	+57 . 6289	+10 . 2069

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
100 Liters filtered

**volumeter always in litres*





STATION

NORMAL SITE SERVICE SITE

[UTC] YYYY MM DD HH MM DECIMAL DEGREE (+- XX.XXXX) DECIMAL DEGREE (+- XX.XXXX)

START 20 23 05 17 13 33⁴³ + 57 . 6285 + 10 . 1762

END 20 23 05 17 13 38 + 57 . 6286 + 10 . 1857

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*



STATION

0	2	1
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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

17

14

03

+ 57

. 6278

+ 10

. 2085

END

20 23

05

17

14

14

+ 57

. 6279

+ 10

. 2144

INVESTIGATOR(S)

MC

DAY

NIGHT

SOUNDER IN (m)

9,6

CABLE OUT (m)

SEASTATE START

moderate

SOUNDER OUT (m)

12,1

SCANMAR (m)

SEASTATE END

moderate

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

32527

END

33476

NET COD-END 680

ZooScan

S680-L

COMMENTS

**volumeter always in litres*



STATION

NORMAL SITE SERVICE SITE



[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)		DECIMAL DEGREE (+/- XX.XXXX)	
START	2023	05	17	14	28	+ 57	. 6280	+ 10	. 2125
END	2023	05	17	14	32	+ 57	. 6283	+ 10	. 2179

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*



STATION

0	2	1
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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

17

15

06

57

.6278

+

10

.2125

END

20

15

12

57

.6780

+

10

.2236

INVESTIGATOR(S)

MG ; MC

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

17625 L

END

17777 L

NET COD-END 680

ZooScan

S680-L

COMMENTS

**volumeter always in litres*

