



LOG_SAMPLES_ YYYY MM DD # # # _STATION- _METADATA

2023 05 11 0 1 7

BATHYMETRY 19 m LATITUDE 55,026558 LONGITUDE +08,451133

START HH:MM 09 10 END HH:MM 14 30 **SYLT NORTH**

Depth	SALINITY	SEAWATER TEMPERATURE (°C)	TURBIDITY (1 = open ocean; 2 = coastal; 3 = estuary)	Turbidity data (FNU)	WATER COLUMN COMMENTS
[1] Z= 0-2 m	28.08	11.49	1 [] 2 [x] 3 []	3,12 3,22 2,53	Strong current. lot of jellyfish and macroalgae high turbidity.
[2] Z= m			1 [] 2 [] 3 []		Very coastal station just in front of the beach of Sylt North in same time with the land team.
[3] Z= m			1 [] 2 [] 3 []		

• 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

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	2023	05	11	09	07	+ 55 . 0265	+ 008 . 4511
END	2023	05	11	09	11	+ 55 . 0265	+ 008 . 4511

OPERATORS INITIALS

CABLE OUT (m) <input type="text" value="10,5"/>	SOUNDER IN (m) <input type="text" value="19,5"/>	WIND SPEED (kn) <input type="text" value="10 kts"/>
SCANMAR (m) <input type="text"/>	SOUNDER OUT (m) <input type="text" value="19,4"/>	WIND DIRECTION <input type="text" value="NNW"/>
PLACE NAME <input type="text" value="SYLT NORTH"/>		SEASTATE START <input type="text" value="rippled"/>
CTD raw file name <input type="text" value="st017-20230511"/>		SEASTATE END <input type="text" value="rippled"/>
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

017

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20

23

05

11

9

14

+

55

.

01

+

8

.

26

END

20

23

05

11

9

44

+

55

.

01

+

8

.

26

INVESTIGATOR(S)

AL (Op-E)

EVENT TYPE

SML

MICROTOPS

BOW POLE

hTSRB

A20 PUMP

A40 PUMP

ASM Normal site

ASM Service site

Aliens in ports

eDNA

COMMENTS / PROTOCOL NAMES

eDNA / courant très fort (very heavy current) amorce de la pompe 30 s à 75 puis 30 (débit) (pump primed at 70 speed for 30s, then speed 30 for the rest of the experiment) Arrêter à 30 minutes (stop after 30 minutes)

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



STATION

017

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

2023

05

11

9

24

55

.0265

8

.4511E

END

20

05

11

10

23

55

.0265

8

.4511E

INVESTIGATOR(S)

OB

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

S 320

R01 and R02

S 023

S 320 L

S 023 L

P 320

P 023

T-HG
Vials 40ml



112554304

MTE-BP
Bottle-125mL
RT >10°C



112554303

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.xxxx)	DECIMAL DEGREE (+/- xx.xxxx)
START	2023	05	11	09	48	+ 55.0265	+ 8.4511
END	2023	05	11	09	50	+ 55.0265	+ 8.4511

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 1 7

NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20 23

05

11

10 58

+ 55

01

+ 8

26

END

20 23

05

11

12 48

+ 55

01

+ 8

26

INVESTIGATOR(S)

AL (op. E)

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

Surface water
lot of current
lot of particles in the water, filtration have
been very complicated, only 55L have been
filtered (and it took 1h50)

*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	11	12	09	55.025837	+ 08.450933
END	2023	05	11	12	10	55.025808	+ 08.450933

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 *DECKNET 20µM for S20, S20-L, MB20, E20 and FM20 protocols.*

**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	11	12	39	55	025808	+ 008	450953
END	2023	05	11	12	42	55	025808	+ 08	450953

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 Decknet 20-µM for FCAM20 protocol.
 We did an other decknet for this protocol, a ~~mm~~ longer one, to have a better concentration of plankton.

*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	11	13	59	+ 55	. 024427	+ 008	. 4505
END	2023	05	11	14	04	+ 55	. 0244	+ 008	. 4505

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

**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	11	14	26	N 55 . 023470 E 008 . 448572
END	20	23	05	11	14	28	N 55 . 023480 E 008 . 448565

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

- Done engine ON - No anchoring.

*volumeter always in litres

