

LOG_SAMPLES_

YYYY	MM	DD
2023	09	26

_STATION-

#	#	#
0	8	1

 _METADATABATHYMETRY

5m

LATITUDE

47,2951

LONGITUDE

-2,0368

START UTC
HH:MM

07	00
----	----

END UTC
HH:MM

11	00
----	----

STATION
NAME

Loire Darges

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 $\mu\text{g}\cdot\text{L}^{-1}$ (from fluoroprobe in U-Lab)
[1] Z= Surface	m 16,3789	19,9304	1 [] 2 [] 3 ●	133 133 132	9,11
[2] Z= m			1 [] 2 [] 3 []		
[3] Z= m			1 [] 2 [] 3 []		

• COMMENTS

Inside the estuary, very blackish/turbid water with current. Sunny day.
we have the inversion of current during the station, for the nets (marée montante)

• 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

○ SML

○ SECCHI DISK

STATION

0	8	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	09	26	07	03	+ 47.2951 - 2.0368
END	20	23	09	26	07	37	+ 47.2953 - 2.0367

INVESTIGATOR(S)

Julie Poubin

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

COMMENTS / PROTOCOL NAMES

S320 }
S023 } RO1 & RO2 → S202 RO1 & RO2

P320
P8023

S320L
S023-L

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 CAST #

NORMAL SITE SERVICE SITE



[UTC]

	YYYY	M M	DD	HH	M M	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2023	09	26	07	05	+ 47 . 2951	- 2 . 0369
END	2023	09	26	07		+ 47 . 2952	- 2 . 0368

OPERATORS INITIALS

CABLE OUT (m) <input type="text" value="3,2"/>	SOUNDER IN (m) <input type="text" value="5,30"/>	WIND SPEED (kn) <input type="text" value="4"/>
SCANMAR (m) <input type="text"/>	SOUNDER OUT (m) <input type="text" value="5,30"/>	WIND DIRECTION <input type="text" value="SW"/>
PLACE NAME <input type="text"/>		SEASTATE START <input type="text" value="0"/>
CTD raw file name <input type="text"/>		SEASTATE END <input type="text" value="0"/>
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	8	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	09	26	07	08	+	47	.	2952	-	2	.	0368
END	20 23	09	26	08	07	+	47	.	2952	-	2	.	0368

INVESTIGATOR(S)

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

30 L

Bow Pole.

Done @ 10:20, at anchor, with 1-1,5 knot of current.

T-HG Vial-40mL RT >10°C	 112557188	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	 112557187	### 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	09	26	08	00	N 47 . 295275	W 2 . 036768
END	2023	09	26	08	01	N 47 . 295275	W 2 . 036768

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

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- xx.xxxx)	DECIMAL DEGREE (+/- xx.xxxx)
START	20 23	09	26	08	22	+ 47.2953	- 2.0364
END	20 23	09	26	09	24	+ 47.2948	- 2.0355

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
40c.

**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	09	26	05	20	+ 47 . 2549	- 402 . 0356
END	20	23	09	26	05	30		

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 Tara at anchor - 1 knot of current

*volumeter always in litres



STATION

0	8	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

09

26

09

27

+ 47.2949

- 2.0325

END

20

09

25

09

36

+ 47.2949

- 2.0325

INVESTIGATOR(S)

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

14 dips. 700ml.

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
------------------------------------	----------------	----------------

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

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20 23	09	26	08	47	+ 47 . 2949	- 002 . 0356
END	20 23	09	26	10	03		

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
Tara at anchor, ≈ 12 knots current.

*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	09	26	10	11	+ 47 . 2949	- 002 . 0352
END	2023	09	26	10	26	+ 47 . 2949	- 002 . 0352

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 *tara at anchor, 1,6 kts of currents. NOT QUANTITATIVE, Too much gelatinous, sieve completely full of gelatinous (clogged) so I took a sub-sample.*

*volumeter always in litres

