



LOG_SAMPLES_ YYYY MM DD 2024 04 09 # # # 1 2 4 _STATION- METADATA

BATHYMETRY 99 m LATITUDE 43,2470 LONGITUDE 4,8945

START UTC HH:MM 07 50 END UTC HH:MM 13 00 STATION NAME Rhone middle

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	32,08 PSU	15,089	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	8,60 8,69 8,76	
[2] Z= m			1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>		
[3] Z= m			1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>		

• COMMENTS : ~~Push~~ station, ~ 25 knots (320°).
Rough

NO SML

• 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 x 2

BOW POLE

MERCURY

SML

SECCHI DISK: 1,5 m

STATION

1	2	4
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 CAST #

1

NORMAL SITE SERVICE SITE



[UTC]

	YYYY	M M	DD	HH	M M	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	09	07	50	N 43 . 2470	E 004 . 8945
END	2024	06	09	08	00	N 43 . 2403	E 004 . 8985

OPERATORS INITIALS

CABLE OUT (m)

110

 SOUNDER IN (m)

95.9

 WIND SPEED (kn)

23 kts

SCANMAR (m)

84

 SOUNDER OUT (m)

98.6

 WIND DIRECTION

330

PLACE NAME

RHONE MIDDLE

 SEASTATE **START**

Agitée

CTD raw file name

ST 124_20240409

 SEASTATE **END**

Agitée

UVP raw file name

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 Other information

FRANCE

Bottle #	1	2	3	4	5	6	7	8	9	10	11	12
Bottle Volume (L)	8	8	8	8	12	12	12	12	12	8	8	12
Depth Label	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z	Z
Target Depth (m)												
CTD Depth (m)	SURF	—————→										



FRANCE

RHONE MIDDLE

21-156 505-0100

2016

STATION

1 2 4

NORMAL SITE

SERVICE SITE



[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	04	09	07	49	N 43 . 2461	E 004 . 8952
END	2024	04	09	08	10	N 43 . 2327	E 004 . 9057

INVESTIGATOR(S)

Eric

EVENT TYPE

SML

MICROTOPS

BOW POLE

hTSRB

A20 PUMP

A40 PUMP

ASM Normal site

ASM Service site

Aliens in ports

eDNA

Filtration 5µM

COMMENTS / PROTOCOL NAMES

S<02
S023
S320
P023
P320
S023L
S320L

T-HG Vial-40mL RT >10°C	 112547517	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	 112547518	### 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



251

2009 2009 2009 2009 2009 2009 2009

2009 2009 2009 2009 2009 2009 2009

2009

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2009



STATION

1	2	4
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NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	20	04	09	02	50	N 43 . 2446	E 4 . 9029
END	20	04	09	09	40	N 43 . 2327	E 4 . 9007

INVESTIGATOR(S) Tolle K. Capone

- EVENT TYPE
- SML
 - MICROTOPS
 - BOW POLE
 - hTSRB
 - A20 PUMP
 - A40 PUMP
 - ASM Normal site
 - ASM Service site
 - Aliens in ports
 - eDNA
 - Filtration 5µM

COMMENTS / PROTOCOL NAMES

1.8 lt.

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



1504 1 3 2465 20 1 08 40 10 10

1004 1 3 2555 20 1 08 40 10 10

1004 1 3 2555 20 1 08 40 10 10

1004 1 3 2555 20 1 08 40 10 10



STATION

NORMAL SITE SERVICE SITE

[UTC] YYYY MM DD HH MM DECIMAL DEGREE (+. xx.xxxx) DECIMAL DEGREE (+. xx.xxxx)

START 2024 04 09 09 43 43 . 2337 04 . 8995

END 20 04 09 09 48 43 . 2312 04 . 9029

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*



2008 10 FEES EA EA 00 00 10 15

2008 10 FEES EA EA 00 00 10

X

2008 10 15

1

1

X

2008

2008

STATION

1	2	44
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NORMAL SITE

SERVICE SITE



[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20

04

09

9

44

N 43

. 2323

E 4

. 0002

END

20

04

09

10

20

N 43

. 2139

E 4

. 9257

INVESTIGATOR(S)

Ioli di Capua

EVENT TYPE

SML

MICROTOPS

BOW POLE

hTSRB

A20 PUMP

A40 PUMP

ASM Normal site

ASM Service site

Aliens in ports

eDNA

Filtration 5µM

COMMENTS / PROTOCOL NAMES

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



5006 7 3 8385 84 N 14 0 40 40
7254 4 3 PEN 84 N 15 0 40 40

Les N. Repre



STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- xx.xxxx)	DECIMAL DEGREE (+/- xx.xxxx)
START	20	24	04	09	10	48	N 43.2206 E 004.9164
END	20	24	04	09	10	58	N 43.2214 E 004.9155

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

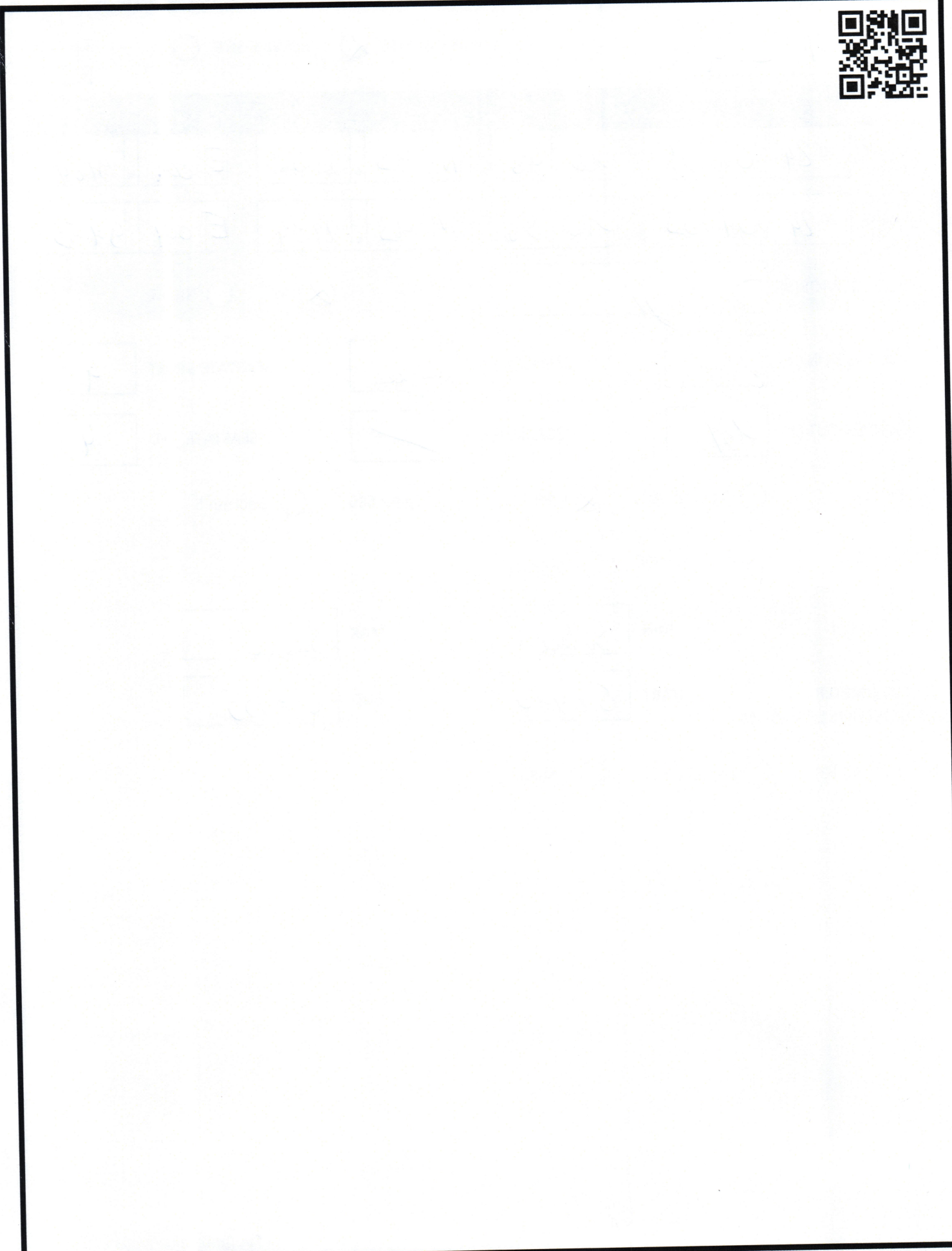
NET DEPTH (m) MIN MAX

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	24	04	09	12	14	N 43.2332 E 004.8778
END	20	24	04	09	12	30	43.2272 004.8633

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
 Lot of jellyfish and salpida removed

*volumeter always in litres



00 10 18

Mi 22

X

X

X

becomes abigles bus detfullo; fo tow



STATION

NORMAL SITE SERVICE SITE

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

START 2024 04 09 12 46 43 . 2359 004 . 8788

END 2024 04 09 12 51 43 . 2336 004 . 8742

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

Lot of salpida removed

**volumeter always in litres*



X

1 5 1

EO AO AS

EO AO AS

22 M

X

X

X

becomes single for tal