LOG_SAMPLES_ YYYY 2024 MM 05 DD 31 _STATION- # 1 # 5 # 5 _METADATA

BATHYMETRY 16.4 m

LATITUDE 43,6571

LONGITUDE 13,4614

START UTC HH:MM 05 00

END UTC HH:MM 13 00

STATION NAME ANCONA

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	34.4113	21.6668	1 ☐ 2 ☐ 3 ☒	1,07 0,94 0,98	
[2] Z= m			1 ☐ 2 ☐ 3 ☐		
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- COMMENTS With LSI. Seastate 3, ≃ 20-30 knots wind. new team of science onboard, Leg 13. Back to normal SML protocol (received filters) and PPN$_2$ (received N^{15}). All Sails up to leave the station!

- LISTS OF DEPLOYMENTS BY STATION: ● NORMAL SITE ○ SERVICE SITE

☒ ROSETTE

☑ A20 PUMP FOR OMICS

☑ A40 PUMP FOR DECKNET 20 µM

☑ NET 200 µM

☑ BOW POLE

☑ SML

☑ A20 PUMP FOR DECKNET 5 µM

☑ ASM

☑ NET 680 µM

☑ MERCURY

☒ SECCHI DISK: 5 m

Fo,1
DC,10
SC,10

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LOG-EVENT_ROSETTE

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STATION 1 5 5 CAST # 1 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	31	04	54	+ 43° . 6571	+ 013° . 4614
END	2024	05	31	05	00	+ 43° . 6572	+ 013° . 4612.

OPERATORS INITIALS

CABLE OUT (m) 7m

SOUNDER IN (m) 15m

WIND SPEED (kn) 11,3

SCANMAR (m) 6 m

SOUNDER OUT (m) 14,5m

WIND DIRECTION 200

PLACE NAME Ancona.

SEASTATE START Smooth

②

CTD raw file name ST155_20240531

SEASTATE END Smooth

UVP raw file name

Other information

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)												

20

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STATION 1 5 5   NORMAL SITE ☒   SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	31	4	57	N 43.6572	E 13.4613
END	2024	05	31	6	50	N 43.6571	E 13.4615

INVESTIGATOR(S) OB

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 omics

S320 }
S023 } R01- R02

P320

P023

S320_L
S023_L

T-HG **Vial-40mL** **RT >10°C**	112558588	### T-HG-2
MTE-BP **Bottle-125mL** **RT >10°C**	112558587	### MTE-S-2

ASM **Whirl-Pak** **FRZ -20°C**	### ASM-1	### ASM-2	### ASM-3	### ASM-4	### ASM-5	### ASM-6

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STATION 1 5 5 NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	31	08	57	+ 43 . 6570	+ 13 . 4616
END	2024	05	31	09	08	.	.

INVESTIGATOR(S) DC + AB ○ DAY ○ NIGHT

SOUNDER IN (m)	14	CABLE OUT (m)		SEASTATE **START**	3
SOUNDER OUT (m)	15	SCANMAR (m)		SEASTATE **END**	3

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 123750 END 124140

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

volumeter always in litres

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STATION 1 5 5

NORMAL SITE ● SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	31	10	53	N 43 . 6504	E 13 . 4591
END	2024	05	31	10	58	N 43 . 6524	E 13 . 4604

INVESTIGATOR(S) Solènne + Monc'h

● DAY ○ NIGHT

SOUNDER IN (m)	13,9	CABLE OUT (m)	—	SEASTATE **START**	2+
SOUNDER OUT (m)	14,3	SCANMAR (m)	—	SEASTATE **END**	

NET TYPE ○ Decknet 20* ● WPII 200 ○ Regent 680 ○ Decknet 5

NET TOW TYPE ● Horizontal ○ Oblique

NET DEPTH (m) MIN Surface MAX —

NET FLOWMETER /VOLUMETER in L for 20-µM START 796~~69~~ 74 END 80424

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

***volumeter always in litres**

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STATION 1 5 5

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	31	11	40	N 43 . 6599	E 013 . 4607
END	2024	05	31	11	55	N 43 . 6666	E 013 . 4652

INVESTIGATOR(S) Manch / Solenne

☒ DAY ○ NIGHT

SOUNDER IN (m) 15

CABLE OUT (m) —

SEASTATE **START** 3

SOUNDER OUT (m) 15

SCANMAR (m) —

SEASTATE **END** 3

NET TYPE ○ Decknet 20* ○ WPII 200 ☒ Regent 680 ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN Surface MAX ✕

NET FLOWMETER /VOLUMETER in L for 20-µM START 80 425 END 82 644.

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS

Drift 2,1 knots N.

volumeter always in litres

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STATION 1 5 5

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	31	12	09	N 43 . 6610	E 013 . 4591
END	2024	05	31	12	29	N 43 . 6701	E 013 . 4696

INVESTIGATOR(S) Marck/Solenne/Jérémie ☒ DAY ○ NIGHT

SOUNDER IN (m)	15	CABLE OUT (m)	/	SEASTATE **START**	3
SOUNDER OUT (m)	16	SCANMAR (m)	/	SEASTATE **END**	3

NET TYPE ○ Decknet 20* ○ WPII 200 ☒ Regent 680 ○ Decknet 5

NET TOW TYPE ☒ Horizontal ○ Oblique

NET DEPTH (m) MIN Surface MAX /

NET FLOWMETER /VOLUMETER in L for 20-µM START 82644 END 85912

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS Drift 2,5 knot_ N_

volumeter always in litres