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LOG-METADATA

tara EUROPA

	YYYY	MM	DD		#	#	#	
LOG_SAMPLES_	2024	05	04	_STATION-	1	4	2	_METADATA

BATHYMETRY: 210m

LATITUDE: 40,7534

LONGITUDE: 14,2055

START UTC HH:MM: 04 45

END UTC HH:MM: 13 30

STATION NAME: Ammontatura

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= 0 m	37.7806	17.5377	1 ☐	0,43	
			2 ☒	0,39	
			3 ☐	0,32	
[2] Z= 50 m			1 ☐	0,14	
			2 ☐	0,17	
			3 ☐	0,31	
[3] Z= m			1 ☐		
			2 ☐		
			3 ☐		

- <u>COMMENTS</u> Offshore - 2 depths with nice DCM. VVclubs + 2 nets for AML transferred at the end of the day. Very nice weather to work. DCM was less biomass than surface water, also with a nice Chl. a pic.

- <u>LISTS OF DEPLOYMENTS BY STATION:</u>

○ NORMAL SITE ☒ SERVICE SITE

✓ ROSETTE

⊘ A20 PUMP FOR OMICS

⊘ A20 PUMP FOR DECKNET 5 µM

⊘ ~~A40 PUMP FOR DECKNET 20 µM~~ WP II 20 µm

⊘ ASM

⊘ NET 200 µM

⊘ NET 680 µM

⊘ BOW POLE

⊘ MERCURY

⊘ SML

✓ SECCHI DISK: 9m

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LOG-EVENT_OTHER

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STATION 1 4 2 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	04	49	40.7534	14.2069
END	2024	05	04	07	05	40.7545	14.2319

INVESTIGATOR(S) JEANTHON C.

EVENT TYPE

○ SML ○ MICROTOPS ○ BOW POLE ○ hTSRB

☒ A20 PUMP ○ A40 PUMP ○ ASM Normal site ○ ASM Service site

○ Aliens in ports ☒ eDNA ○ Filtration 5µM

START 4 : 50
END 5 : 30

COMMENTS / PROTOCOL NAMES

2nd depth

13:30 UTC

T-HG Vial-40mL RT >10°C	### 112585514	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	### 112585513	### 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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LOG-EVENT_ROSETTE

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STATION 1 4 2 CASH # 1 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	04	45	N 40 . 7534	E 014 . 2055
END	2024	05	04	05	03	+ 40° . 7531	+ 014° . 2102.

OPERATORS INITIALS: Solenne.

CABLE OUT (m)	198	SOUNDER IN (m)	209	WIND SPEED (kn)	7
SCANMAR (m)	0 203m.	SOUNDER OUT (m)	210	WIND DIRECTION	000 (N)
PLACE NAME				SEASTATE **START**	1/2
CTD raw file name	ST142_20240504			SEASTATE **END**	2 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 O	Z	Z	Z	Z	Z
Target Depth (m)												
CTD Depth (m)												

LOG-EVENT_NET

STATION 1 4 2

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	08	14	N 40 . 7544	E 014 . 2253
END	2024	05	04	08	25	N 40 . 7532	E 014 . 2313

INVESTIGATOR(S) Solenne C

☒ DAY ○ NIGHT

SOUNDER IN (m)	167.	CABLE OUT (m)	154	SEASTATE **START**	1/2
SOUNDER OUT (m)	163	SCANMAR (m)	145	SEASTATE **END**	1/2

NET TYPE ☒ ~~Decknet 20*~~ wp2 20µm ○ WPII 200 ○ Regent 680 ○ Decknet 5

NET TOW TYPE ○ Horizontal ● Oblique ~~vertical~~!

NET DEPTH (m) MIN surface MAX 145

NET FLOWMETER /VOLUMETER in L for 20-µM START 49 980. END 50 314

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

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STATION 1 4 2 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	08	53	N 40.7478	E 014.2231
END	2024	05	04	09	04	N 40.7489	E 014.2276

INVESTIGATOR(S) Solene ☒ DAY ○ NIGHT

SOUNDER IN (m)	177	CABLE OUT (m)	183	SEASTATE **START**	2
SOUNDER OUT (m)	171	SCANMAR (m)	162	SEASTATE **END**	2

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

NET TOW TYPE ○ Horizontal ● Oblique ~~☒ Vertical~~

NET DEPTH (m) MIN surf. MAX 162

NET FLOWMETER /VOLUMETER in L for 20-µM START 50318 END 51760

NET COD-END 680 ☒ ZooScan ○ S680-L

COMMENTS

****volumeter always in litres***

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STATION 1 4 2

○ NORMAL SITE ☒ SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	09	43	N 40 . 7446	E 014 . 2080
END	2024	05	04	09	57	N 40 . 7446	E 014 . 2147

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	216	CABLE OUT (m)	225	SEASTATE **START**	2
SOUNDER OUT (m)	217	SCANMAR (m)	197	SEASTATE **END**	2

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

NET TOW TYPE ○ Horizontal ○ Oblique

NET DEPTH (m)	MIN	Surface	MAX	217
NET FLOWMETER /VOLUMETER in L for 20-µM	START	51760	END	53722

NET COD-END 680 ○ ZooScan ☒ S680-L

COMMENTS

volumeter always in litres

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STATION 1 4 2 CAST # 2 NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	10	14	N 40.7447	E 014.2258
END	2024	05	04	10	29	N 40.7446	E 014.2333

OPERATORS INITIALS

CABLE OUT (m)	175	SOUNDER IN (m)	176	WIND SPEED (kn)	8nds
SCANMAR (m)	167	SOUNDER OUT (m)	172	WIND DIRECTION	SSW
PLACE NAME				SEASTATE **START**	2
CTD raw file name	ST142_20240504_bis			SEASTATE **END**	2
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)						50						
CTD Depth (m)												

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LOG-EVENT_ROSETTE

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STATION 1 4 2 CAST # 3 NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)		DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	11	12	N 40.7458		E 014.2130
END	2024	05	04	11	27	N 40.7448		E 014.2213

OPERATORS INITIALS: Mouch/Selenne/Doug

CABLE OUT (m)	235	SOUNDER IN (m)	215	WIND SPEED (kn)	8
SCANMAR (m)	/	SOUNDER OUT (m)	181	WIND DIRECTION	W
PLACE NAME				SEASTATE **START**	2
CTD raw file name	ST142_20240504_te			SEASTATE **END**	2
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)	50											
CTD Depth (m)												

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LOG-EVENT_NET

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STATION 1 4 2

NORMAL SITE ○ SERVICE SITE ☒

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	11	43	N 40.7453	E 014.2335
END	2024	05	04	11	54	N 40.7452	E 014.2400

INVESTIGATOR(S) Mauch / Solenne

● DAY ○ NIGHT

SOUNDER IN (m)	165	CABLE OUT (m)	210	SEASTATE **START**	2
SOUNDER OUT (m)	164	SCANMAR (m)	159	SEASTATE **END**	2

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

NET TOW TYPE ○ Horizontal ● Oblique (Vertical R.)

NET DEPTH (m)	MIN	0	MAX	159
NET FLOWMETER /VOLUMETER in L for 20-µM	START	53724	END	55789

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

Drift → East 1,8knt.

*volumeter always in litres

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STATION 1 4 2

NORMAL SITE ○ SERVICE SITE ●

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	12	15	N 40.7426	E 014.2242
END	2024	05	04	12	34	N 40.7416	E 014.2368

INVESTIGATOR(S) Manch/Solenne

● DAY ○ NIGHT

SOUNDER IN (m) 177

CABLE OUT (m) 233

SEASTATE START 2

SOUNDER OUT (m) 169

SCANMAR (m) ~~233~~ 161

SEASTATE END 2

NET TYPE ~~○ Decknet 20*~~ ~~WP2 20µm~~ ○ WPII 200 ○ Regent 680 ○ Decknet 5 ● 20µm WP2

NET TOW TYPE ○ Horizontal ● Oblique ~~vertical~~

NET DEPTH (m) MIN 0 MAX 161

NET FLOWMETER /VOLUMETER in L for 20-µM START 55798 END 56112

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS 20-200µm AML net.
(WPII 20µm)
↳ All biomasse in 5 Liters, then from this 5L we put 500mL in bottles 2, 6, 7, 8 and completed to 1L using filtered seawater (<0,1µm).

*volumeter always in litres

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STATION 1 4 2 NORMAL SITE ○ [✓ SERVICE SITE]

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	04	12	54	N 40 . 7382	E 014 . 2287
END	2024	05	04	12	59	N 40 . 7385	E 014 . 2320

INVESTIGATOR(S) Marck / Solenne [✓ DAY] ○ NIGHT

SOUNDER IN (m)	180	CABLE OUT (m)	16	SEASTATE **START**	2
SOUNDER OUT (m)	175	SCANMAR (m)	10m	SEASTATE **END**	2

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

NET TOW TYPE ○ Horizontal ○ Oblique

NET DEPTH (m)	MIN	0	MAX	10
NET FLOWMETER /VOLUMETER in L for 20-µM	START	56114	END	56932

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

200 - 2000 µm net for ANL
Towed 5 minutes at 10meter depth.
~~[illegible]~~
1 cod-end divided in bottle 5 and 9.

*volumeter always in litres