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LOG-METADATA

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LOG_SAMPLES_ YYYY 2024 MM 05 DD 19 _STATION- # 1 # 1 # 9 _METADATA

BATHYMETRY: 886 m

LATITUDE: 40,1112

LONGITUDE: 17,4703

START UTC HH:MM: 06 00

END UTC HH:MM: 13 00

STATION NAME: Taranto offshore

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	38.5880	19.6400	1 ☒ 2 ☐ 3 ☐	0.35 0.27 0.26	Na 0.2757
[2] Z= 60 m	38.7703	16.3566	1 ☒ 2 ☐ 3 ☐	0,19 0,26 0,20	Na 2.1372
[3] Z= m			1 ☐ 2 ☐ 3 ☐		

- **COMMENTS** DCM at 60m. Very calm weather, No wind and no drift. Lots of Puffin around the boat. Clear water. Vertical nets: the 20µm is probably not taking all the water. Second flowmeter did not do the theorical 700 turns (200 at surface), but the other 200µm and 680 did.

- 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: 23 m!

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LOG-EVENT_ROSETTE

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STATION 1 4 9 CAST # 1

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	05	55	+ 40°.1112	+ 017°.4703
END	2024	05	19	06	30	+ 40°.1099	+ 017°.4707

OPERATORS INITIALS

CABLE OUT (m)	866m	SOUNDER IN (m)	880	WIND SPEED (kn)	3,9
SCANMAR (m)	883m	SOUNDER OUT (m)	880	WIND DIRECTION	360°
PLACE NAME				SEASTATE **START**	1 rippled
CTD raw file name	ST149_20240519			SEASTATE **END**	1
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)						surf						
CTD Depth (m)												

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LOG-EVENT_OTHER

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STATION	1	4	9	NORMAL SITE ☒	SERVICE SITE ○	

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	06	10	+ .	+ .
END	2024	05	19	06	37	+ 40.1098	+ 17.4725
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	

COMMENTS / PROTOCOL NAMES

T-HG Vial-40mL RT >10°C	112585528	### T-HG-2
MTE-BP Bottle-125mL RT >10°C	112585527	### 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_NET

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STATION 1 4 9

NORMAL SITE ○ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	08	15	N 40 . 1076	E 17 . 4738
END	2024	05	19	08	35	N 40 . 1058	E 17 . 4724

INVESTIGATOR(S) SC - DM. et al ☒ DAY ○ NIGHT

SOUNDER IN (m) 866.

CABLE OUT (m) 205 =

SEASTATE START 0

SOUNDER OUT (m) ? idem

SCANMAR (m) 205

SEASTATE END 0/1

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

NET TOW TYPE ○ Horizontal ○ Oblique ● vertical

NET DEPTH (m) scanmar. MIN ~~205~~ surface MAX 205

NET FLOWMETER /VOLUMETER in L for 20-µM START 26256 END 26 335 = 79 rot.

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

trait pas assez rapide pour flowmeter ?

théorie = 39 m^3
calculé. 4,65 m^3.

volumeter always in litres

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STATION 1 4 9

NORMAL SITE ○ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	08	50	N 40 . 1043	E 17 . 4709
END	2024	05	19	09	04	N 40 . 1026	E 17 . 4700

INVESTIGATOR(S) SC - DM et al.

● DAY ○ NIGHT

SOUNDER IN (m)	?. 900 +	CABLE OUT (m)	200	SEASTATE **START**	0/1
SOUNDER OUT (m)	900 +	SCANMAR (m)	207 ..?	SEASTATE **END**	0/1

NET TYPE ○ Decknet 20* ○ WP200 [✓ ● Regent 680] ○ Decknet 5

NET TOW TYPE ○ Horizontal ○ Oblique ● vertical

NET DEPTH (m) MIN surface. MAX 207

NET FLOWMETER /VOLUMETER in L for 20-µM START 26 336 END 27018

soit 682 rotation
= 204 m ✓ !!

NET COD-END 680 ● ZooScan ○ S680-L

COMMENTS 6m11s pour 200 m de remontée.
= 371 secondes. → vitesse = 0,54 m/s

*volumeter always in litres

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STATION 1 4 9

CAST # 2

NORMAL SITE ☒ SERVICE SITE ○

[UTC]

	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	09	25	N 40 . 1000	E 017 . 4682
END	2024	05	19	09	36	N 40 . 0995	E 017 . 4676

OPERATORS INITIALS Mench/Solenne/Lio

CABLE OUT (m) 196

SOUNDER IN (m) 971

WIND SPEED (kn) 6

SCANMAR (m) 201

SOUNDER OUT (m)

WIND DIRECTION 40°

PLACE NAME

SEASTATE **START** 0

CTD raw file name ST149_20240519_bis

SEASTATE **END** 0

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)						60						
CTD Depth (m)	60											

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STATION 1 4 9

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	09	48	+040° . 0987	+017° . 4672
END	2024	05	19	10	08	+40° . 0974	+017° . 4659

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	975	CABLE OUT (m)	203	SEASTATE START	0/1
SOUNDER OUT (m)	>1000	SCANMAR (m)	205	SEASTATE END	0/1

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

NET TOW TYPE ○ Horizontal ○ Oblique ☒ Vertical

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 27019 END 27639

NET COD-END 680 ○ ZooScan ● S680-L

COMMENTS

*volumeter always in litres

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STATION 1 4 9

NORMAL SITE ☒ SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	10	40	+ 40° . 0968	+ 017° . 4624
END	2024	05	19	10	56	+ 40° . 0965	+ 017° . 4607

INVESTIGATOR(S)

☒ DAY ○ NIGHT

SOUNDER IN (m)	1014	CABLE OUT (m)	202	SEASTATE **START**	0/1
SOUNDER OUT (m)	1035	SCANMAR (m)	204	SEASTATE **END**	0/1

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

NET TOW TYPE ○ Horizontal ○ Oblique ☒ Vertical

NET DEPTH (m) MIN MAX

NET FLOWMETER /VOLUMETER in L for 20-µM START 27640 END 28345

NET COD-END 680 ○ ZooScan ○ S680-L

COMMENTS

*volumeter always in litres

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LOG-EVENT_ROSETTE

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STATION 1 4 9 CAST # 3 NORMAL SITE [✓ ○] SERVICE SITE ○

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	05	19	11	17	+ 40° . 0976	+ 017° . 4588
END	2024	05	19	12	02	+ 40° . 1004	+ 017° . 4619

OPERATORS INITIALS

CABLE OUT (m)	1022	SOUNDER IN (m)	1035	WIND SPEED (kn)	4,9
SCANMAR (m)	1039	SOUNDER OUT (m)	1035.	WIND DIRECTION	160
PLACE NAME				SEASTATE **START**	1
CTD raw file name	ST149_20240519_ter			SEASTATE **END**	1
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)						60						
CTD Depth (m)												