



LOG_SAMPLES_ YYYY MM DD **2024 06 02** # # # **1 5 7** _STATION- METADATA

BATHYMETRY **35** LATITUDE **44,8029** LONGITUDE **12,8235**

START UTC HH:MM **05 30** END UTC HH:MM **12 30** STATION NAME **Po 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) <i>CTD-Rosette-surface</i>
[1] Z= m	26.7558	21.4676	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/>	1,97 2,00 2,06	10.2879
[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 Rimini site was cancelled due to lack of permit for the CSI so we do a plan B and sample here. Very high Chl a in satellite and in situ! Very very dark water with stratification and all Chl a in the surface layer. ^{green} Bloom of diatoms in the flow core, 6.5 at 300 also with ctenaires and diatoms and even hippocaps! Big

• 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: **2.5m!**



STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	02	5	25	N 44 . 8078	E 12 . 8233
END	2024	06	02	5	48	N 44 . 8028	E 12 . 8233

INVESTIGATOR(S)

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

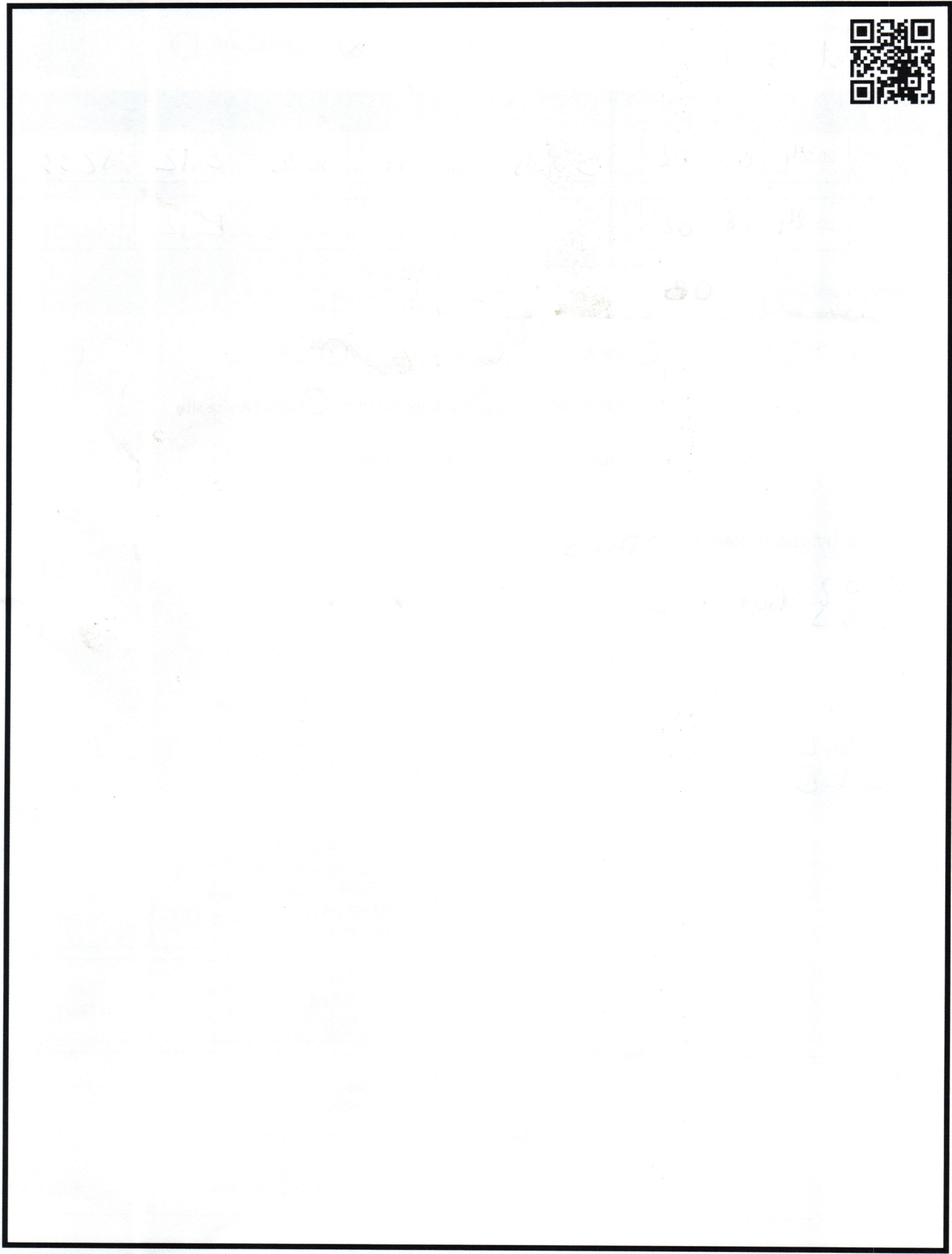
COMMENTS / PROTOCOL NAMES *onics*

S320 } R01-R02
S023 }
P320
P023
S320-L
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

*station at anchorage.
strong north current.*



[UTC] M M DD HH M M
 YYYY M DD HH M M DECIMAL DEGREE (+/- XX.XXXX) DECIMAL DEGREE (+/- XX.XXXX)

START 20

END 20

OPERATORS INITIALS

CABLE OUT (m) SOUNDER IN (m) WIND SPEED (kn)

SCANMAR (m) SOUNDER OUT (m) WIND DIRECTION

PLACE NAME

CTD raw file name SEASTATE **START**

UVP raw file name SEASTATE **END**

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)												





STATION

NORMAL SITE SERVICE SITE

[UTC] YYYY MM DD HH MM DECIMAL DEGREE (+/- xx.xxx) DECIMAL DEGREE (+/- xx.xxx)

START

END

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

At Ancha.

*volumeter always in litres





STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	02	09	32	+ 44° . 8019	+ 012° . 8176
END	2024	06	02	09	33	+ 44° . 8018	+ 012° . 8168

INVESTIGATOR(S) DAY NIGHT

SOUNDER IN (m) CABLE OUT (m) SEASTATE **START**

SOUNDER OUT (m) SCANMAR (m) SEASTATE **END**

NET TYPE Decknet 20* WPPI 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	06	02	11	00	+ 44° . 8041	+ 02° . 8179
END	20	24	06	02	11	15	+ 44° . 7976	+ 02° . 8274

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





STATION 157

NORMAL SITE

SERVICE SITE

[UTC]

YYYY

MM

DD

HH

MM

DECIMAL DEGREE (+/- XX.XXXX)

DECIMAL DEGREE (+/- XX.XXXX)

START

20 24

06

02

11

28

+ 44°

. 8005

+ 012°

. 8264

END

20 24

06

02

11

43

+ 44°

. 7975

+ 012°

. 8328

INVESTIGATOR(S)

DAY

NIGHT

SOUNDER IN (m)

34

CABLE OUT (m)

SEASTATE START

1

SOUNDER OUT (m)

34.2

SCANMAR (m)

SEASTATE END

1

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

96879

END

99404

NET COD-END 680

ZooScan

S680-L

COMMENTS

Too much Ctenaires!
Huge bloom.
I prefer only 1/30 of them in
the F680

*volumeter always in litres





STATION

NORMAL SITE SERVICE SITE

[UTC]	YYYY	MM	DD	HH	MM	DECIMAL DEGREE (+/- XX.XXXX)	DECIMAL DEGREE (+/- XX.XXXX)
START	2024	06	02	12	30	46.829	12.8235
END	20						

INVESTIGATOR(S)

- 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 *Ua + Sleave*

T-HG Vial-40mL RT >10°C	 112558770	### T-HG-2
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MTE-BP Bottle-125mL RT >10°C	 112558586	### 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

