



LOG_SAMPLES_ _STATION- _MERCURY

OPERATOR(S)

Depth	p.MeHg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.MeHg 125-mL PETG bottle FRG +4°C
Z00 m	###-Z00 p.MeHg				
Z02 m	###-Z02 p.MeHg				###-Z02 f.MeHg
Depth	p.THg Glass fiber filter FRZ -20°C	Filter code	Filtration Volume (mL)	Filtration time (min)	f.THg 40-mL glass bottle FRG +4°C
Z00 m		# 336 135,26 mg	6960		###-Z00 f.THg
Z02 m	###-Z02 p.THg				###-Z02 f.THg
Depth	uf.THg 40-mL glass bottle RT				
Z00 m	###-Z00 uf.THg				
Z02 m	###-Z02 uf.THg				



Depth	COMMENTS	
200 m		
	0.00	



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _W-LAB-142-1

OPERATOR(S) Petra JUNGER

Depth Replicate	S320 Cryo-5mL LN2 #1	S023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	S<02 Cryo-5mL FRG +4°C	Filtration Volume (Litres)
Z00 R01 m	112525869	112525870	<input type="checkbox"/> 20L 11 L	<input checked="" type="checkbox"/> 15 min. min.	112525873	<input type="checkbox"/> 20L 11 L
Z00 R02 m	112525871	112525872	<input type="checkbox"/> 20L 11 L	<input checked="" type="checkbox"/> 15 min. min.	112525874	<input type="checkbox"/> 20L 11 L
Z02 R01 m	###-Z02 S320-1	###-Z02 S023	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02	<input type="checkbox"/> 20L L
Z02 R02 m	###-Z02 S320-2	###-Z02 S023-2	<input type="checkbox"/> 20L L	<input type="checkbox"/> 15 min. min.	###-Z02 S<02-2	<input type="checkbox"/> 20L L
Depth Replicate	P320 Cryo-5mL LN2 #1	P023 Cryo-5mL LN2 #1	Filtration Volume (Litres)	Filtration Duration (minutes)	< 0.2 µm	
Z00 m	112525875	112525876	<input type="checkbox"/> 50L 55 L	<input checked="" type="checkbox"/> 60 min. min.	=> Collect filtrate for SS protocols onland : VV<0.2, qPCR<0.2	
Z02 m	###-Z02 P320	###-Z02 P023	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		
Depth Replicate	S320-L 15mL falcon -20°C + 10 mL Nucleoprotect	S023-L 15mL falcon -20°C + 10 mL Nucleoprotect	Filtration Volume (Litres)	Filtration Duration (minutes)		
Z00 m	112575902	112575903	<input type="checkbox"/> 50L 41 L	<input type="checkbox"/> 60 min. 55 min.		
Z02 m	###-Z02 S320-L	###-Z02 S023-L	<input type="checkbox"/> 50L L	<input type="checkbox"/> 60 min. min.		



Depth Replicate	COMMENTS S###
Z00 R01 m	
Z00 R02 m	
Z02 R01 m	
Z02 R02 m	
Depth	COMMENTS P###
Z00 m	
Z02 m	
Depth	COMMENTS S###L
Z00 m	Master flex tube broke 5min before the time limit of 60min was finished
Z02 m	



LOG_SAMPLES_ **2022 04 10** _STATION- **1 7 8** _DECK-BGC

OPERATOR(S) **GIANNARIS**

Depth	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	TOC Vial-40mL FRG +4°C	DICTA Bottle-500mL RT >10°C	SAL Bottle-125mL RT >10°C
Z00 m					###-Z00 SAL
Z02 m	###-Z02 TOC-1	###-Z02 TOC-2	###-Z02 TOC-3	###-Z02 DICTA	###-Z02 SAL
	+ 150 µl HCl			+ 300 µl HgCl₂	
Depth	CDOM/FDOM Bottle-60mL FRG +4°C	DOC Vial-40mL FRG +4°C	NUT Bottle-60mL FRZ -20°C		
Z00 R01 m					
Z00 R02 m					
Z00 R03 m					
Z02 R01 m	###-Z02 DOM-1	###-Z02 DOC-1	###-Z02 NUT-1		
Z02 R02 m	##-Z02 DOM-2	###-Z02 DOC-2	###-Z02 NUT-2		
Z02 R03 m	##-Z02 DOM-3	###-Z02 DOC-3	###-Z02 NUT-3		
	+ 150 µl HCl				



Depth	COMMENTS TOC	COMMENTS DICTA	COMMENTS SAL
Z00 m			
Z02 m			
Depth Replicate	COMMENTS CDOM/FDOM	COMMENTS DOC	COMMENTS NUT
Z00 R01 m			
Z00 R02 m			
Z00 R03 m			
Z02 R01 m			
Z02 R02 m			
Z02 R03 m			



LOG_SAMPLES_ **2024 07 10** _STATION- **1 7 8** _TARDIS-SCP-SS

OPERATOR(S) **GIANCARLO**

LCMS

Depth	PPL Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)	HLB<0.3 Falcon-50mL FRZ -20°C	Filtration Volume (Litres)	Filtration Duration (minutes)
Z00 R01 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min
		L	142 min		L	142 min
Z00 R02 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min
		L	142 min		L	142 min
Z00 R03 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min
		L	142 min		L	142 min
Z00 R04 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min		<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min
		L	142 min		L	108 min
Z00 R05 m		<input checked="" type="checkbox"/> 2L	<input type="checkbox"/> 120 min			
		L	min			
Z00 m		<input checked="" type="checkbox"/> 1.5L	<input type="checkbox"/> 100 min			
		L	108 min			



LCMS

Depth		COMMENTS
Z00	R01 m	
Z00	R02 m	
Z00	R03 m	
Z00	R04 m	
Z00	R05 m	
Z00	m	



Depth Replicate		COMMENTS MB320-SS	COMMENTS MB033-SS
Z00	R01		
	m		
Z00	R02		
	m		
Z00	R03		
	m		
Z02	R01		
	m		
Z02	R02		
	m		
Z02	R03		
	m		
Depth	COMMENTS LCMS		
Z00			
	m		
Z02			
	m		



LOG_SAMPLES_ **2024 07 10** _STATION- **1 7 8** _S-LAB-OTHER

OPERATOR(S) **JEREMY**

Depth Replicates	HC Cryo-5mL LN2 #1	HC-G Cryo-5mL LN2 #1	CP-G Cryo-5mL LN2 #1	SG Cryo-5mL LN2 #1	FC-P Cryo-2mL LN2 #3	FC-G Cryo-2mL LN2 #3
Z00 R01 m						
Z00 R02 m						
Z00 R03 m				Glycine-betaine prealiquot at 4°C	PFA prealiquot at -20°C	Glutaraldehyde prealiquot at - 20°C
Z00 R04 m			Glycerol prealiquot - RT			
Z00 R05 m				DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C	DGAS 12 mL exetainer +4°C
Z00 R06 m						
Z00 R07 m						
Z00 R08 m						
Prealiquot	No prealiquot	Glycerol prealiquot - RT		+ 100 µL ZnCl ²	+ 100 µL ZnCl ²	+ 100 µL ZnCl ²
Depth Replicate	eDNA Watera capsule RT	Filtration Volume (Litres)	Filtration Duration (minutes)	+ 50 mL of buffer	< 0.45 µm	
Z00 m		<input checked="" type="checkbox"/> 30L 30 L	<input type="checkbox"/> 30 min. 24 min.			



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _S-LAB-DECKNET-5

OPERATOR(S) JEREMY

Depth	Volume filtered (Litres)				
Z00	<input type="checkbox"/> 10 L				
m	13,62 L				
Z02	<input type="checkbox"/> 10 L				
m	L				

Depth	FM5-1* Falcon-15mL FRG +4°C	FM5-2* Falcon-15mL FRG +4°C	SG5-1* Cryo-5mL LN2	SG5-2* Cryo-5mL LN2
Z00				
m				
Z02	### Z02 FM5-1	### Z02 FM5-2	### Z02 SG5-1	### Z02 SG5-2
m				

*pre-aliquoted 5 mL PFA/GLUT
store at -20°C

* pre-aliquoted Glycine betaine
store at 4°C



LOG_SAMPLES_ YYYY MM DD # # # _STATION- # # # _PPN2-PPN2exe

OPERATOR(S) JEREMY

2024 07 10 1 7 8

Depth	Spikes	13C-DIC time (UTC) in -20°C	15N-DIC time (UTC) in gaz			
Z00 m	1	6:10	6:20			
Z00 m	2	6:10	6:20			
Z00 m	3	6:10	6:20			

Depth	Natural abundance - T0	NAT Filter in alu -20°C	Filtered volume (mL)	Filtration time - start	Filtration time - end	
Z00 m	NAT-1		2270	5:30	5:55	
Z00 m	NAT-2		2270	5:30	6:00	
Z00 m	NAT-3		2270	5:30	6:02	

24h (+/- 30min) later

Filtration < 40min

Depth	Incubated bottle	PPN2 Filter in alu -20°C	PPN2exe* Exetainer-12mL +4°C	Filtration volume (mL)	Filtration time - start	Filtration time - end
Z00 m	PPN2-1			2270	6:30	6:50
Z00 m	PPN2-2			2270	6:30	6:50
Z00 m	PPN2-3			2270	6:30	6:50
	BLANK		* +100 µL ZnCl			



YYYY

MM

DD

HH

MM

#

OPERATOR(S) INITIALS

2024

07

10

03

00

_STATION-

_SML

MF/TD

Water Collection

Number of dips: 14

Volume Collected (L)

0.52

Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)				Not at station. Sampling was done at ~2:25 Wind ~25 knots
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	##		#	~150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	##	###		~150ml

YYYY

MM

DD

HH

MM

#

OPERATOR(S) INITIALS

2024

07

10

07

00

_STATION-

_SML

MF/TD

Water Collection

Number of dips: 14

Volume Collected (L)

0.6

Protocol	Quantity, Container Storage	Replicate 1	Replicate 2	Replicate 3	Comments
SML-FC	Cryotube (2ml) 1.5ml sample + 30 µl Glute 25% LN2 (-80°C)				LAST SML OF REC - TARA EUROPA 151 wind at ~25 knots
SML-CP	Cryotube (5ml) 3ml sample + 750 µl Glycerol RT (-80°C)				
SML-320	Cryotube (2ml) Filter 3µm PC LN2 (-80°C)	#	2	3	~150ml
SML-023	Cryotube (2ml) Filter 0.22µm PC LN2 (-80°C)	#		#	~150ml



2.02m

2.02m to 2.04m
 2.04m to 2.06m
 2.06m to 2.08m

2.0

WT/3M

2.02m

2.02m

2.02m to 2.04m
 2.04m to 2.06m
 2.06m to 2.08m

2.0

WT/3M

2.02m

2.0

2.0

2.0

2.0

WT

2.0

2.02m

2.0

2.0

2.0

2.0

WT