

CTD_S_Basic

COLOR: SKINOS 2021
SHE: N/O Nimen Dairewa

STATION	14
CST	040
DEPTH	

DATE: 18.01.2021
SAMPLING START (GMT):
SAMPLING END (GMT):

Found Alk + depth = 1385

Sampling: OHSO (mm)

Sampling: users

Bottle/TARGET	ANTICIPATED		REAL	Spun Time	Oxygen		DC-MK	135C	138C	148C	Salinity#	N.P.SI	NH4<300	NO3 bot	DON bot	POC/PON	PHIC	Chlor<200	FRM DMSP	CTTC NINW	Cal SP-1500	Ba at 2000 m	Nd-1500	RADIUM	MRB	Bottle
	Optimized	REAL			Flame	Tr																				
1	1400	1360	1340																							2
2	1400	1360	1370																							3
3	1350	1340	1353																							4
4	1350	1340	1357																							5
5	1300		1311																							6
6	1300		1311																							7
7	1250		1265																							8
8	1250		1263																							9
9	1200		1215																							10
10	1200		1215																							11
11	1150		1162																							12
12	1150		1162																							13
13	1100		1111																							14
14	1100		1112																							15
15	1000		1011																							16
16	1000		1011																							17
17	900		910																							18
18	900		908																							19
19	200		202																							20
20	200		202																							21
21	50		50																							22
22	50		50																							23
23	50		50																							24

Salinity CTD (PSU)
34.568
34.568
34.546
34.534
34.534
34.529
34.529
34.499
34.499
34.499
34.480
34.480
34.429
34.388
34.386
33.986
33.986
33.921
33.922

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.	.

CTD_C

Cruise: SWINGS 2021
Ship: N/O Marion Dufresne

DATE:
SAMPLING START (GMT):
SAMPLING END (GMT):

per

change

changes

STATION	10
CAST	4/1
DEPTH	

[illegible]

Ship: N/O Marion Dufresne

5-26-42

STATION	14
CAST	

18.01.2021

Secretary:

Secretary

DATE: 28/01/21
SAMPLING START (GMT)
SAMPLING END (GMT):

Sampling: OISO Team

Sampling: user:

[illegible]

Big can
be the bar
pale bar

21: 6L au lieu de 12 pour Ingrid

M_C. Th₂₃₄ a dit que les seules en acier sont rouillées, ainsi
que M_C. Th₂₃₄ lui-même.

Tout ont 9h05 et tout va bien 😊😊😁

तां सं

TSR 14-105493

Deployment		Date	Official time
start time	28/01/2021	00:56	21:56
Pump start date:	29/01/2021	03:15	00:15
Pump end date:	29/01/2021	05:15	02:15
Pump onboarded:	29/01/2021	06:15	03:15

28 | 01 | 21

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•	•

Cruise: SWINGS 2021
Ship: N/O Marlon Dutresne

STATION	46
CAST	
DEPTH	2693

DATE: 30/01/21
SAMPLING START (GMT): 13:00
SAMPLING END (GMT): 14:00

Ca²⁺

Scenario Clean at 2 pm

Bottle TARGET		ANTICIPATION	Optimized	REALITY	Spun Line in	Oxygen	FRASE T ^o	OC-AB	ISBC	LABO	Salinity	M.P.SI	NH4-SI	NO3-SI	CHL	POC/PHN	PHIC	CHL-C200	PROB-OMSP	OM-NUFF	CHL	SP-1500	SP-2000 m	SP-3000 m	SP-4000 m	SP-5000 m	SP-6000 m	SP-7000 m	SP-8000 m	SP-9000 m	SP-10000 m	SP-11000 m	SP-12000 m	SP-13000 m	SP-14000 m	SP-15000 m	SP-16000 m	SP-17000 m	SP-18000 m	SP-19000 m	SP-20000 m	SP-21000 m	SP-22000 m	SP-23000 m	SP-24000 m	SP-25000 m	SP-26000 m	SP-27000 m	SP-28000 m	SP-29000 m	SP-30000 m	SP-31000 m	SP-32000 m	SP-33000 m	SP-34000 m	SP-35000 m	SP-36000 m	SP-37000 m	SP-38000 m	SP-39000 m	SP-40000 m	SP-41000 m	SP-42000 m	SP-43000 m	SP-44000 m	SP-45000 m	SP-46000 m	SP-47000 m	SP-48000 m	SP-49000 m	SP-50000 m	SP-51000 m	SP-52000 m	SP-53000 m	SP-54000 m	SP-55000 m	SP-56000 m	SP-57000 m	SP-58000 m	SP-59000 m	SP-60000 m	SP-61000 m	SP-62000 m	SP-63000 m	SP-64000 m	SP-65000 m	SP-66000 m	SP-67000 m	SP-68000 m	SP-69000 m	SP-70000 m	SP-71000 m	SP-72000 m	SP-73000 m	SP-74000 m	SP-75000 m	SP-76000 m	SP-77000 m	SP-78000 m	SP-79000 m	SP-80000 m	SP-81000 m	SP-82000 m	SP-83000 m	SP-84000 m	SP-85000 m	SP-86000 m	SP-87000 m	SP-88000 m	SP-89000 m	SP-90000 m	SP-91000 m	SP-92000 m	SP-93000 m	SP-94000 m	SP-95000 m	SP-96000 m	SP-97000 m	SP-98000 m	SP-99000 m	SP-100000 m	SP-101000 m	SP-102000 m	SP-103000 m	SP-104000 m	SP-105000 m	SP-106000 m	SP-107000 m	SP-108000 m	SP-109000 m	SP-110000 m	SP-111000 m	SP-112000 m	SP-113000 m	SP-114000 m	SP-115000 m	SP-116000 m	SP-117000 m	SP-118000 m	SP-119000 m	SP-120000 m	SP-121000 m	SP-122000 m	SP-123000 m	SP-124000 m	SP-125000 m	SP-126000 m	SP-127000 m	SP-128000 m	SP-129000 m	SP-130000 m	SP-131000 m	SP-132000 m	SP-133000 m	SP-134000 m	SP-135000 m	SP-136000 m	SP-137000 m	SP-138000 m	SP-139000 m	SP-140000 m	SP-141000 m	SP-142000 m	SP-143000 m	SP-144000 m	SP-145000 m	SP-146000 m	SP-147000 m	SP-148000 m	SP-149000 m	SP-150000 m	SP-151000 m	SP-152000 m	SP-153000 m	SP-154000 m	SP-155000 m	SP-156000 m	SP-157000 m	SP-158000 m	SP-159000 m	SP-160000 m	SP-161000 m	SP-162000 m	SP-163000 m	SP-164000 m	SP-165000 m	SP-166000 m	SP-167000 m	SP-168000 m	SP-169000 m	SP-170000 m	SP-171000 m	SP-172000 m	SP-173000 m	SP-174000 m	SP-175000 m	SP-176000 m	SP-177000 m	SP-178000 m	SP-179000 m	SP-180000 m	SP-181000 m	SP-182000 m	SP-183000 m	SP-184000 m	SP-185000 m	SP-186000 m	SP-187000 m	SP-188000 m	SP-189000 m	SP-190000 m	SP-191000 m	SP-192000 m	SP-193000 m	SP-194000 m	SP-195000 m	SP-196000 m	SP-197000 m	SP-198000 m	SP-199000 m	SP-200000 m	SP-201000 m	SP-202000 m	SP-203000 m	SP-204000 m	SP-205000 m	SP-206000 m	SP-207000 m	SP-208000 m	SP-209000 m	SP-210000 m	SP-211000 m	SP-212000 m	SP-213000 m	SP-214000 m	SP-215000 m	SP-216000 m	SP-217000 m	SP-218000 m	SP-219000 m	SP-220000 m	SP-221000 m	SP-222000 m	SP-223000 m	SP-224000 m	SP-225000 m	SP-226000 m	SP-227000 m	SP-228000 m	SP-229000 m	SP-230000 m	SP-231000 m	SP-232000 m	SP-233000 m	SP-234000 m	SP-235000 m	SP-236000 m	SP-237000 m	SP-238000 m	SP-239000 m	SP-240000 m	SP-241000 m	SP-242000 m	SP-243000 m	SP-244000 m	SP-245000 m	SP-246000 m	SP-247000 m	SP-248000 m	SP-249000 m	SP-250000 m	SP-251000 m	SP-252000 m	SP-253000 m	SP-254000 m	SP-255000 m	SP-256000 m	SP-257000 m	SP-258000 m	SP-259000 m	SP-260000 m	SP-261000 m	SP-262000 m	SP-263000 m	SP-264000 m	SP-265000 m	SP-266000 m	SP-
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1. Dan ien prend 500 ml du la b de Timgad, il coupe la 19 avec une 21

CTD_C

Cruise: SWINGS 2021
Ship: N/O Marion Dufrenoy

STATION	16
CAST	41
DEPTH	2187

DATE: 30/01/2021
SAMPLING START (GMT): 1920
SAMPLING END (GMT):

C-16-047

1.69E2
9.98E4
0.71E2

9030012

Unfiltered																								Filtered			
Bottle	Sample	Justification	target	Sample ID	Thg	DCM	MeHg	Salinity	DOC	Siderophores/Isocel	Nitrate Isocel/Isocel	Tommy/Helmswax #	N.P.S.	dfe	DTM	dAL	Ligands (125m)	Humics (60m)	Fluorine 1	Fluorine 2	Carbon	REES	Zn Isotope/DTM	Bucket #	unfiltered collected for filtered bucket	Volume filtered (l)	Bottle
1	2638		bottom - 30		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	1			1
2	2537	1000	2500		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	2			2
3	2027		2000		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	3			3
4	1824		1800		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	4			4
5	1518		1500		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	5			5
6	1268	min ox	1250		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	6			6
7	1012		1000		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	7			7
8	808		800		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	8			8
9	707		700		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	9			9
10	607		600		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	10			10
11	505		500		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	11			11
12	453		450		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	12			12
13	404		400		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	13			13
14	354		350		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	14			14
15	302		300		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	15			15
16	248		250		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	16			16
17	207		200		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	17			17
18	152		150		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	18			18
19	101		100		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	19			19
20	75		75		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	20			20
21	2.5		30		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	21			21
22	2.2		30		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	22			22
23	2.0		30		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	23			23
24	2.0		30		V.	V.	V.	V.	V.		V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	V.	24			24

X 22 GFDL0 leaks from bottom

max S : 2500 m

X GFDL07 leak a bit from bottom!

X Tab of GFDL0 #18 leaks

Six for blank (11)

ST 15

Ship: **N/O Marion Dufresne**

DATE: 30/1/21 Secretary: SS
SAMPLING START (GMT): 1439
SAMPLING END (GMT): 3405

Sampling: users

[illegible]

CTD_C

Cruise: SWINGS 2021
Ship: N/O Marion Dufresne

STATION	18
CAST	49
DEPTH	3024

DATE: 31/01/21
SAMPLING START (GMT):
SAMPLING END (GMT):

018-047

Bottle		Sampling	Justification	target	Sample ID	THg	DOM	Mach	Salinity	DOC	Spectrophotometer/label	Nitrate Isotope	Isotope/label	Tommy/label	N:P:Si	dfs	DTM	dM	Ligands (125ml)	Humic (60ml)	Fluorine 1	Fluorine 2	Carbon	REES	Zn Isotope	DTM	Bucket #	unfiltered	collected	Volume	Volume	Bottle	
1		3024		bottom - 30																													1
2		2942																															2
3		2937																															3
4		2025																															4
5		1521																															5
6		1264																															6
7		1012																															7
8		808																															8
9		707																															9
10		605																															10
11		505																															11
12		453																															12
13		404																															13
14		353																															14
15		303																															15
16		253																															16
17		203																															17
18		140																															18
19		101																															19
20		76																															20
21		52																															21
22		51																															22
23		32																															23
24		30																															24

10.8 (from 4L) + 625 + 60 + 5 (Tm) ÷ 1000 + 1.2L

16x

64

15x

31x

8x

28

9

12x

6x

45x

29x

34

33x

11x

50

10

27

14x

44

26x

25x

52x

1

12

13

18

19

5

2

20

24

22

5

10

4

11

23

21

3

8

14

16

17

6.0

3.1

4.2

7.3

8.15

7.7

7.8

9.0

7.2

3.5

3.0

8.1

9.45

8.5

9.6

9.2

8.4

1.7

9.15

2.6

(50.8 (green LIL) + (25 + 60 + 500) / 1000 + 1.2L
Filter 2 -> #12 -> (4L - 0.5L)

BT #11 -> leaks from the top
forget to do blank (use from sta 19)

CTD_S_Basic-Full

ST. 18 - Cast 50

SVINGS 2021
N/O Marion Dufresne

STATION	18
CAST	050
DEPTH	3010

DATE: 31/01/2021
SAMPLING START (GMT): 9:14:5
SAMPLING END (GMT): 10:14:5

Secretary: 31.01.2021
CAB

Sampling: OISO Team

Sampling: users

ANTICIPATED	Oxygen	DC-MK	LSC	LBO	Salinity	N.P.SI	NH4-300	NO3-300	CHL	POC/PON	HPLC	Chl-a-200	FRR DMSP	OMM Nitri	Chl'd	SP-1500	Ba at 2000 m	Nd-1500-15	BaOUM	MRS	Bottle
OTIE TARGET	Optimized	REALDO	Spun Line m	Flask	TP																
1 Bottom-30		3005		37	2,5	1A.X.	1.5														1
2 2750		2492				2A.X.															2
3 2500		2498				3A.X.															3
4 2000		2006				4A.X.															4
5 1750		1770		38	3,3	5A.X.															5
6 1250		1263				6A.X.															6
7 1000		1041		33	3,7	7A.X.															7
8 500		508				8A.X.															8
9 300		3002		40	5,3	9A.X.															9
10 200		202		41	5,8	10A.X.															10
11 150		151		42	5,5	11A.X.															11
12 120		121		43	5,3	12A.X.															12
13 120		121																			13
14 100		101																			14
15 100		101																			15
16 DCM60		60		44	5,6	15A.X.															16
17 DCM60		60		45	6,6	16A.X.															17
18 40		41		46	6,5	18A.X.															18
19 40		41																			19
20 15		15																			20
21 15		15																			21
24 15		15		47	6,5	24A.X.															24

SALINITY

34.748
34.759
34.767
34.757
34.750
34.624
34.501
34.248
34.195
34.04
33.98
33.98
33.91
33.91
33.92
33.92
33.92
33.92
33.92

no water for 1188