Cruise. TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200220. 1851	2/20	1851	48	-39.5003	33.2096	100	10	537							1
						60	12	538							2
						32	14	539							3
						25	16	540							4 * Chl max
						18	18	541							5
						12	20	542							6
						8	22	543							7
						6		544							8

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No Apparent Chl Max - Mixed to 30m
calling 25 -

Cruise. TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200220. 1331	2/20	1331	46	-39.5006	32.6682	150	10	529							1
						100	12	530							2
						75	14	531							3
						50	16	532							4
						36	18	533							5
						26	20	534							6 * CHI MAX
						15	22	535							7
						4	24	536							8 poc spill ~50mL

Chl max = 25

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Cruise. TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200220.0837	2020 0220	0837	44	-39.5005	32.0444	210	10	521	1L	200	50	200	100	NA	
						100	12	522							
						75	14	523							
						60	14	524							
						46	18	525							Chl Max ?
						33	20	526				*			*20 mL spilled
						20	22	527							
						5	24	528							

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Cruise. TN376

Mas Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200219,2214	2/19	2214	UW	-39.5126	34.0006	UW	NA	516	200	200	50	200	100	NA	
20200219,2400	2/19	2400	UW	-39.50086	33.63973	UW	NA	517							
20200220.0200	2020 0220	0200	UW	-39.49657	33.03992	UW	NA	518							
20200220.0400	2020 0220	0400	UW	-39.49993	32.79444	UW	NA	519							
20200220.0600	2020 0220	0600	UW	-39.49433	32.38099	UW	NA	520							

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Cruis(TN376 Experiment #: 3 Exp(t Log
Lat/L(art: Time Point: 2.5
Station start

Treatment	Event #	GMT Date	GMT Time	SAMPLE #	POC vol	PIC vol	Cell vol	Silica vol	Chl vol	CC plate #	Comments
Control 1	20200219	2/19	1830	498							
Control 2				499							
Control 3				500							
NO3 4			1720	501							
NO3 5				502							
NO3 6				503							
SAMW 7			1750	504							
SAMW 8				505							
SAMW 9				506							
Si 10			1810	507							
Si 11				508							
Si 12				509							
Fe + Si 13			1840	510							
Fe + Si 14				511							
Fe + Si 15				512							
Fe 16			1850	513							
Fe 17				514							
Fe 18				515							

[NO3] spike: Fe Spike
[Si(OH)4] spike SAMW addition

Cruise: TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200219 1409	2/19	1409	43	-40.5000	33.7022	200	10	490							1
						100	12	491							2
						75	14	492							3
						48	16	493							4
						30	18	494							5
						20	20	495							6 *
						12	22	496							7
						5	24	497							8

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Cruise. TN374

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200219.0938	2020 0219	0938	41	-40.5021	33.8497	90.2	10	482	1L	200	50	200	100	NA	
						64.8	12	483							*size 15ml beads
						50.4	14	484							
						40.9	16	485							
						30.2	18	486							*chl max *SEM
						20.5	20	487							
						12.6	22	488							
						5.0	24	489							*SEM

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Cruise: TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200219.0358	2020 0219	0358	39	-40.5001	32.6202	160.3	10	474	1L	200	50	200	100	NA	
						90.2	12	475							
						60.1	14	476							
						46.8	16	477							* SEM (by Barney's request)
						34.9	18	478							
						22.1	20	479							* chl max
						15.7	22	480							Mixed layer
						10.2	24	481							* SEM

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Cruise: TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200218. 2245	2/18	2245	37	-40.5001	31.9335	251	10	466							1 *Bsi 40mL spill
						100	12	467							2
						81	14	468							3
						60	16	469							4
						40	18	470							5
						25	20	471							6 * Chl max
						15	22	472							7
						4	24	473							8

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Cruise: TW376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200218.1751	2/18	1751	35	-40.5007	31.2899	150	10	458							1
						101	12	459							2
						80	14	460							3
						60	16	461							4
						48	18	462							5 * Chl/Pty
						30	20	463							6
						15	22	464							7
						5	24	465							8

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Cruise: TN 376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200218.0500	2020 0218	0500	UW	-40.51360	33.67175	UW	NA	436	1L	200	50	200	100	NA	
20200218.1100	2020 0218	1100	UW	-40.5035	32.4003	UW	NA	455	1L	200	50	200	100	NA	
20200218.1300	2020 0218	1300	UW	-40.49908	32.02049	UW	NA	456							
20200218.1500	2020 0218	1500	UW	-40.50029	31.61438	UW	NA	457							

Cruis TN376 Experiment #: E3T1 Expe t Log
Lat/Lo .art: Time Point: (30hrs)
Station start

Treatment	Event #	GMT Date	GMT Time	SAMPLE #	POC vol	PIC vol	Cell vol	Silica vol	Chl vol	CC plate #	Comments
Control 1	20200218.0629	2020 0218	0629	437	1L	200	50	200	100	NA	flowcam
Control 2				438							
Control 3				439							
NO3 4	20200218.0645	2020 0218	645	440							flowcam
NO3 5				441							
NO3 6				442							
SAMW 7	20200218.0701	2020 0218	0701	443							flowcam
SAMW 8				444							
SAMW 9				445							
Si 10	20200218.0713	2020 0218	0713	446							* flowcam *no cell count
Si 11				447							
Si 12				448							
Fe + Si 13	20200218.0721	2020 0218	0721	449							flowcam *no cell count
Fe + Si 14				450							
Fe + Si 15				451							
Fe 16	20200218.0731	2020 0218	0731	452							flowcam
Fe 17				453							*25mL spill POC
Fe 18				454							

[NO3] spike: Fe Spike
[Si(OH)4] spike SAMW addition

Cruise: TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200217.2004	2/17	2004	34	-41.5013	33.6692	300	10	428							1
						221	12	429							2
						100	14	430							3
						75	16	431							4
						57	18	432							5 * Chl max
						40	20	433							6
						19	22	434							7
						7	24	435							8

Chl max ≈ 55

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Cruise: TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments
20200217.1337	2/17	1337	32	41.50	32.9889	300	10	420							1
						201	12	421							2
						150	14	422							3
						101	16	423							4
						75	18	424							5
						48	20	425							6 *
						26	22	426							7
						12	24	427							8

Chl Max 12.5 + 25 + 48

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Cruise: TN376

Master Log

Event #	GMT Date	GMT Time	Stn # or UW	Latitude	Longitude	Depth	Niskin #	Sample #	CHN #/vol	PCa vol	Cell vol	Silica vol	Chl #/vol	CC Pl #	Comments	Jug
20200217.0818	2020 0217	0818	30	-41.5001	32.3139	200.1	10	412	1L	200	50	200	100	NA		1
						110.2	12	413								2
						79.9	14	414								3
						69.9	16	415								4
						60	18	416							cc 5ml lead chl max	5
						50	20	417								6
						30.1	22	418								7
						5.0	24	419								8

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