

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 004		
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE *	VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. *	CLOUD (amt) *	WEATHER TYPE *	BOTTO M DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	HR	MIN										
001	56	52.27	N	164	03	.59	W	05	MAY	16	0034	5.4	89.	06	33	9	M2ca1	
SBE 9+	09P34480-0772		FLUOR S/N															
PRESS SN	772		SBE43-Oxy (prim 1961														MAX. DEPTH = 72	
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379		Transmissometer															
PRI COND SN	2985		PAR S/N	70296														
SEC COND ST	3127		Turbidity	2057														
REMARKS																		
after M2 recoveries mooring																		
Chla labeled as Station 1 (Should be Station 4)																		
Nis.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll		EMA		UAF		Comments		Nis.			
No.	DESIRED	SALT	Nut. Btl	O2-Btl.No	Chloro- ³ O ₂	Chloro-GFF	Duplicates		DIC								No.	
1	Bottom	x 430	01	x														
2	50		02		x 288												1	
3	40		03		x 283												2	
4	30		04		x 283												3	
5	20		05		x 285												4	
6	11		06		x 289												5	
7	11		07		x 283												6	
8	11		08		x 279												7	
9	0		09	x	x 283												8	
10																	9	
11																	10	
12																	11	
																	12	

SST=

SSSal=

TSG Chl Sample:

The ³-O₂ bottles from the bottom were likely used for the Surface & Visa Versa. The Winkler results seem to point to ...

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 07			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	(deg)	*	*	(m)		
002 56 52.27 N		164 03.31 W		05	MAY	16	1019		5.475	.05			4415			71	M2	
SBE 9+	09P34480-0772	FLUOR S/N	2057	REMARKS M2 Center of Box CTD1 of 2 Peggy 9 Subsurface deployed												MAX. DEPTH = 68		
PRESS SN	772	SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379	Transmissometer																
PRI COND SN	2985	PAR S/N 70296																
SEC COND SI	3127	Turbidity 2057																
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll		EMA			UAF		Comments			Nis No.	
DESIRED		SALT	Nut.Btl	O2-Btl.No	Chloro- MA	Chloro-GFF		Duplicates	DIC									
1	Bot		-	10							3x					1		
2	50			11		x					x					2		
3	44					x										3		
4	44					x										4		
5	44					x										5		
6	40			12		x				x						6		
7	30			13		x				x						7		
8	24					x										8		
9	24					x										9		
10	24					x										10		
11	20			14		x				x						11		
12																12		

SST=

SSSal=

TSG Chl Sample:

Event logger "Mooring Deployed"
 button hit C button,
 then "CTD @ Bottom"
 - D... L... L

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 07							
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)			
003 56.52.27 N	164 03.07 W	05 MAY 16	1059	5.090	46															71	M2		
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SI	09P34480-0772 772 2376 4379 2985 3127	FLUOR S/N SBE43-Oxy (prim 1961) SBE43-Oxy (sec) 1875 Transmissometer PAR S/N 70296 Turbidity 2057	REMARKS M2 Center of Box, CTD 2 of 2 Peggy's subsurface Deployed												MAX. DEPTH = 12								
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis					
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro- 15	Chloro-GFF	Duplicates	DIC							No.								
1	11			15	X															1			
2	11				X															2			
3	11				X															3			
4	0		16	3X	X														3X	0 = 369, 370, 371	4		
5																				5			
6																				6			
7																				7			
8																				8			
9																				9			
10																				10			
11																				11			
12																				12			

SST=

SSSal=

TSG Chl Sample:

CTD taken only to 11m
 as a full profile was taken
 on CTD 002

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:					STATION NO. 08								
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE WEATHER	BOTTO M DEPTH	STA. NAME/ID						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)					
004	56 40.17	N	163 52.23	W	05	MAY	16	13 2	704.8	93.002				1422			76	A12S						
<input type="checkbox"/> SBE 9+	09P34480-0772	FLUOR S/N	REMARKS														MAX. DEPTH = 712							
<input type="checkbox"/> PRESS SN	772	SBE43-Oxy (prim 1961)																						
<input type="checkbox"/> PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																						
<input type="checkbox"/> SEC TEMP SN	4379	Transmissometer																						
<input type="checkbox"/> PRI COND SN	2985	PAR S/N 70296																						
<input type="checkbox"/> SEC COND SI	3127	Turbidity 2057																						
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis							
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro- OFF	Chloro- OFF	710	Duplicates			DIC					No.								
1	Bot				17	372										1								
2	50				18		283									2								
3	40				19		285									3								
4	30				20		289	289								4								
5	20				21		283									5								
6	10				22		279	279								6								
7	0	4131	23	372		293										7								
8																8								
9																9								
10																10								
11																11								
12																12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 09													
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRM.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID										
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)											
	005 56 56 . 62 N		16 35 00 . 01 W	05	MAY	16	15	46	44 . 790 . 02						1217		70	X12E											
<input type="checkbox"/> SBE 9+ 09P34480-0772	FLUOR S/N	REMARKS <i>Bongos full of Phae - Brown Underway Chla + nut collected while on station from TSG</i>												MAX. DEPTH = 65															
<input type="checkbox"/> PRESS SN 772	SBE43-Oxy (prim 1961																												
<input type="checkbox"/> PRI TEMP SN 2376	SBE43-Oxy (sec) 1875																												
<input type="checkbox"/> SEC TEMP SN 4379	Transmissometer																												
<input type="checkbox"/> PRI COND SN 2985	PAR S/N 70296																												
<input type="checkbox"/> SEC COND ST 3127	Turbidity 2057																												
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis														
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates			DIC					No.														
1	<i>Bt</i>			24	373										1														
2	<i>SD</i>			25		283									2														
3	<i>HO</i>			26		285									3														
4	<i>30</i>			27		289									4														
5	<i>20</i>			28		283									5														
6	<i>10</i>			29		279									6														
7	<i>D</i>			30		283									7														
8				31	= Underway Sample										8														
9															9														
10															10														
11															11														
12															12														

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 10															
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE WEATHER	BOTTO M DEPTH	STA. NAME/ID													
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)													
006	57	.01	N	-164	.21	W	05	MAY	16	1745	3.8	96.96	1002			120	22		73m M2N													
<input type="checkbox"/> SBE 9+	09P34480-0772		<input type="checkbox"/> FLUOR S/N	REMARKS PP exyt #1 - Fisher at 0, 10, 20, 30, 40, 50m														<input type="checkbox"/> MAX. DEPTH =														
<input type="checkbox"/> PRESS SN	772		<input type="checkbox"/> SBE43-Oxy (prim 1961)															<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> PRI TEMP SN	2376		<input type="checkbox"/> SBE43-Oxy (sec) 1875															<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> SEC TEMP SN	4379		<input type="checkbox"/> Transmissometer															<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> PRI COND SN	2985		<input type="checkbox"/> PAR S/N															70298		<input type="checkbox"/>												
<input type="checkbox"/> SEC COND SI	3127		<input type="checkbox"/> Turbidity															2057		<input type="checkbox"/>												
Nis	DEPTH	Rosette Notes			Hydro Team-PMEI			Chlorophyll	EMA			UAF			Comments			Nis														
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates				DIC							No.														
1	Bottom	432	32															1														
2	50	33																2														
3	40	34																3														
4	30	35																4														
5	20	36																5														
6	10	37																6														
7	0	38	375															7														
8																		8														
9																		9														
10																		10														
11																		11														
12																		12														

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 11					
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)			DRY BULB		Relative Humidity		Barometric pressure		SEA STATE VISIBILITY		WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE WEATHER	BOTTO M DEPTH	STA. NAME/ID
07	DEG	MIN	DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)		
	56 45.88 N		164 20.44 W			05 MAY 16			20 04 03.89 ± .002								00	20			72	M2W
<input type="checkbox"/> SBE 9+ <input type="checkbox"/> PRESS SN <input type="checkbox"/> PRI TEMP SN <input type="checkbox"/> SEC TEMP SN <input type="checkbox"/> PRI COND SN <input type="checkbox"/> SEC COND SI	09P34480-0772 772 2376 4378 2985 3127		<input type="checkbox"/> FLUOR S/N <input type="checkbox"/> SBE43-Oxy (prim 1961) <input type="checkbox"/> SBE43-Oxy (sec) 1875 <input type="checkbox"/> Transmissometer <input type="checkbox"/> PAR S/N 70296 <input type="checkbox"/> Turbidity 2057			REMARKS Accidentally saved CTD file as M2N Less phytoplankton than at earlier stations.												MAX. DEPTH =				
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Cocco		Comments			Nis				
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF		Duplicates	DIC							No.				
1	30			39	374													1				
2	50			40			138											2				
3	40			41			136											3				
4	30			42			137											4				
5	20			43			137						✓		Cocco Sample - Fis			5				
6	10			44			137											6				
7	0			45			138											7				
8																		8				
9																		9				
10																		10				
11																		11				
12																		12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 12						
CONSC CAST # 08	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE VISIBILITY		WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)			
	56 46	.033 N	164 35	.483 W	05	05	MAY	16	21 33	3.7	94	1001			34G	20			72	70 m3		
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS												MAX. DEPTH =							
PRESS SN	772	SBE43-Oxy (prim 1961																				
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																				
SEC TEMP SN	4379	Transmissometer																				
PRI COND SN	2985	PAR S/N 70296																				
SEC COND SI	3127	Turbidity 2057																				
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll		EMA			UAF		Comments						Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates		DIC								No.				
1	Bot				46													1				
2	50				47			283										2				
3	40				48			285										3				
4	30				49			284										4				
5	20				50			283										5				
6	10				51			274										6				
7	0	433	52	x356				283										7				
8																		8				
9																		9				
10																		10				
11																		11				
12																		12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. 13				
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)
	09 56 54.60 N		164 50.16 W	05	MAY	16	22	49	3.1	99	1002		360	19			71	70M4
<input type="checkbox"/> SBE 9+ 09P34480-0772	FLUOR S/N _____			REMARKS										MAX. DEPTH =				
<input type="checkbox"/> PRESS SN 772	SBE43-Oxy (prim 1961)																	
<input type="checkbox"/> PRI TEMP SN 2376	SBE43-Oxy (sec) 1875																	
<input type="checkbox"/> SEC TEMP SN 4379	Transmissometer																	
<input type="checkbox"/> PRI COND SN 2985	PAR S/N 70296																	
<input type="checkbox"/> SEC COND SI 3127	Turbidity 2057																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments				Nis			
No.	DESIRED	SALT	Nut.Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates		DIC						No.			
1	BoH			53	352										1			
2	50			54			283								2			
3	40			55			285								3			
4	30			56			289								4			
5	20			57			137								5			
6	10			58			137								6			
7	0			59			138								7			
8															8			
9															9			
10															10			
11															11			
12															12			

SST=

SSSal=

TSG Chi Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 14		
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
10	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
105°51.44' N / 165°07.61' W 06 MAY 16 0006 2.992.02 34422 F370M5																			
	SBE 9+	09P34480-0772		FLUOR S/N _____				REMARKS								MAX. DEPTH = 66			
	PRESS SN	772		SBE43-Oxy (prim 1961)															
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
	SEC TEMP SN	4379		Transmissometer															
	PRI COND SN	2985		PAR S/N 70296															
	SEC COND SI	3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis				
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates			DIC				No.					
1	Bott			x 434	60			✓							1				
2	50				61			✓							2				
3	40				62			✓							3				
4	30				63			✓							4				
5	20				64			✓							5				
6	10				65			✓							6				
7	0				66	x 209		✓							7				
8															8				
9															9				
10															10				
11															11				
12															12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 15						
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)		
	145 59 . 46 N		165 22 . 55 W		06	MAY	16	01	39	2.6	91	.01			35021				72	70MB		
SBE 9+	09P34480-0772	FLUOR S/N																		MAX. DEPTH = 62		
PRESS SN	772	SBE43-Oxy (prim 1961																				
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																				
SEC TEMP SN	4379	Transmissometer																				
PRI COND SN	2985	PAR S/N	70296																			
SEC COND SI	3127	Turbidity	2057																			
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF			Comments			Nis				
No.	DESIRER	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates				DIC						No.					
1	Bot			67	351												1					
2	50			68				✓									2					
3	40			69				✓									3					
4	30			70				✓									4					
5	20			71				✓									5					
6	10			72				✓									6					
7	0			73				✓									7					
8																	8					
9																	9					
10																	10					
11																	11					
12																	12					

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 16		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	*	*	(m)
	125706.35	N	16536.64	W	06	MAY	16	0308	2.291	.01		33426				70	70m7	
SBE 9+	09P34480-0772		FLUOR S/N			REMARKS						MAX. DEPTH = 63						
PRESS SN	772		SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379		Transmissometer															
PRI COND SN	2985		PAR S/N 70298															
SEC COND SI	3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro	Chloro-GFF	Duplicates	DIC							No.	
1	Bot			74														1
2	50			75		x												2
3	40			76		x												3
4	30			77		x												4
5	20			78		x												5
6	10			79		x												6
7	0	435 80 292				x												7
8																		8
9																		9
10																		10
11																		11
12																		12

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 17										
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	BOTTO M DEPTH	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)						
	13 57 15.67 N		16 54 44.72 W		06	MAY	16	0431	2.190.	01		33325				70	70M8								
<input type="checkbox"/> SBE 9+	09P34480-0772	<input type="checkbox"/> FLUOR S/N	REMARKS										<input type="checkbox"/> MAX. DEPTH = 63												
<input type="checkbox"/> PRESS SN	772	<input type="checkbox"/> SBE43-Oxy (prim 1961)																							
<input type="checkbox"/> PRI TEMP SN	2376	<input type="checkbox"/> SBE43-Oxy (sec) 1875																							
<input type="checkbox"/> SEC TEMP SN	4379	<input type="checkbox"/> Transmissometer																							
<input type="checkbox"/> PRI COND SN	2985	<input type="checkbox"/> PAR S/N											70296												
<input type="checkbox"/> SEC COND ST	3127	<input type="checkbox"/> Turbidity											2057												
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis								
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro- EM	Chloro-GFF	Duplicates				DIC					No.									
1	Bof				81											1									
2	50				82	X										2									
3	40				83	X										3									
4	30				84	X										4									
5	20				85	X										5									
6	10				86	X										6									
7	0				87 293	X										7									
8																8									
9																9									
10																10									
11																11									
12																12									

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TSG Chl Sample:

VESSEL		CRUISE DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.			
NOAAS OSCAR DYSON		DY1606													18			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN									
	14 57 19.20	N	16 60 00.42	W	06	MAY	16	06	07	1.6	93.	02	33426			68	70m9	
SBE 9+	09P34480-0772		FLUOR S/N _____			REMARKS						MAX. DEPTH = 60						
PRESS SN	772		SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379		Transmissometer															
PRI COND SN	2985		PAR S/N 70296															
SEC COND SI	3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMAP		UAF	Comments						Nis	
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC							No.	
1	Bof			436	88												1	
2	50				89			✓									2	
3	40				90			✓									3	
4	30				91			✓									4	
5	20				92			✓									5	
6	10				93			✓									6	
7	0				94 346			✓									7	
8																	8	
9																	9	
10																	10	
11																	11	
12																	12	

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 19				
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
	15 57 19.27 N		166 19.58 W		06	MAY	16	07 31	1.390.	03				331 29				7070M10	
SBE 9+	09P34480-0772	FLUOR S/N																MAX DEPTH = 61	
PRESS SN	772	SBE43-Oxy (prim 1961																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N	70296																
SEC COND SI	3127	Turbidity	2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA				UAF		Comments			Nis		
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro-A	Chloro-GFF	Duplicates		DIC						No.		
1	Bot				95	181											1		
2	50				96		X										2		
3	40				97		X										3		
4	30				98		X										4		
5	20				99		X										5		
6	10				100		X										6		
7	0				101		X										7		
8																	8		
9																	9		
10																	10		
11																	11		
12																	12		

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>20</i>											
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)								
<i>16 57 26.17 N</i>	<i>166 30.73 W</i>	<i>06 MAY 16</i>	<i>0929</i>	<i>1.691</i>	<i>.03</i>	<i>331</i>	<i>22</i>										<i>69 70M/11</i>										
SBE 9+	09P34460-0772	FLUOR S/N	REMARKS <i>Mixed Top to bottom effing miserable</i>										MAX. DEPTH = <i>61</i>														
PRESS SN	772	SBE43-Oxy (prim 1961)																									
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																									
SEC TEMP SN	4379	Transmissometer																									
PRI COND SN	2985	PAR S/N 70296																									
SEC COND SI	3127	Turbidity 2057																									
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis												
No.	DESIRED	SALT	Nut. Btl	O2-Btl.	No.	Chloro->10	Chloro-GFF	Duplicates		DIC					No.												
1	<i>Bot</i>	<i>437</i>	<i>102</i>												1												
2	<i>50</i>		<i>103</i>				✓								2												
3	<i>40</i>		<i>104</i>				✓								3												
4	<i>30</i>		<i>105</i>				✓								4												
5	<i>20</i>		<i>106</i>				✓								5												
6	<i>10</i>		<i>107</i>				✓								6												
7	<i>0</i>		<i>108</i>	<i>291</i>			✓								7												
8															8												
9															9												
10															10												
11															11												
12															12												

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TSG Chi Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:						STATION NO. 21										
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	*	*	(deg)	(kts)	*	*	(m)								
17	5725.68	N	16648.68	W	06	MAY	16	1107	1.389	.03	33020					6970m12										
<input type="checkbox"/> SBE 9+	09P34480-0772		FLUOR S/N	REMARKS														MAX. DEPTH = 61								
<input type="checkbox"/> PRESS SN	772		SBE43-Oxy (prim 1961)																							
<input type="checkbox"/> PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																							
<input type="checkbox"/> SEC TEMP SN	4379		Transmissometer																							
<input type="checkbox"/> PRI COND SN	2985		PAR S/N											70296												
<input type="checkbox"/> SEC COND SI	3127		Turbidity											2057												
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments				Nis											
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro-A ₁	Chloro-GFF	Duplicates	DIC					No.											
1	Bot			109											1											
2	50			110		X									2											
3	40			111		X									3											
4	30			112		X									4											
5	20			113		X									5											
6	10			114		X									6											
7	0			115	289	X									7											
8															8											
9															9											
10															10											
11															11											
12															12											

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 22				
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)	
18 57 31 .32 N	16 70 2 .52 W	06	MAY	16	1300	11.388	038	32	117					19.8	70m B				
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH =						
PRESS SN	772	SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N 70296																	
SEC COND SI	3127	Turbidity 2057																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis			
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates			DIC					No.				
1	BOT			116	288										1				
2	50			117		138									2				
3	40			118		136									3				
4	30			119		137									4				
5	20			120		137									5				
6	10			121		137									6				
7	0	438	122			138									7				
8															8				
9															9				
10															10				
11															11				
12															12				

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 23			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID 70M14
	019	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	*	*	(m)
	57 29.92 N		167 20.60 W		06 MAY 16		14 37		01.088		04		31123			71,35		65	
<input type="checkbox"/> SBE 9+	09P34480-0772		<input type="checkbox"/> FLUOR S/N															MAX. DEPTH =	
<input type="checkbox"/> PRESS SN	772		<input type="checkbox"/> SBE43-Oxy (prim 1961																
<input type="checkbox"/> PRI TEMP SN	2376		<input type="checkbox"/> SBE43-Oxy (sec) 1875																
<input type="checkbox"/> SEC TEMP SN	4379		<input type="checkbox"/> Transmissometer																
<input type="checkbox"/> PRI COND SN	2985		<input type="checkbox"/> PAR S/N		70296														
<input type="checkbox"/> SEC COND SI	3127		<input type="checkbox"/> Turbidity		2057														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA				UAF	Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates				DIC					No.			
1	BOT			123												1			
2	50			124	285		283									2			
3	40			125			285									3			
4	30			126			289									4			
5	20			127			283									5			
6	10			128			279									6			
7	0			129			283									7			
8																8			
9																9			
10																10			
11																11			
12																12			

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 24		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg) (kts)	*	*
	0 20 57	30.05 N	167	39.81 W	06	MAY	16	16	17	0.9	82.	05		31019			7270M15
SBE 9+	09P34480-0772		FLUOR S/N _____			REMARKS						MAX. DEPTH = 1615					
PRESS SN	772		SBE43-Oxy (prim 1961)														
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875														
SEC TEMP SN	4379		Transmissometer														
PRI COND SN	2985		PAR S/N 70296														
SEC COND SI	3127		Turbidity 2057														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Collo	Comments				Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC						No.
1	BOT			439	130												1
2	50				131			283									2
3	40				132			285									3
4	30				133			289									4
5	20				134		290	283				V	Size fraction Chla Collo Sample				5
6	10				135			279									6
7	0				136	105		283									7
8																	8
9																	9
10																	10
11																	11
12																	12

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 25									
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)					
0215729.72 N		16759.22 W		06	MAY	16	1739		0.8	75.	05			31715				7170M16						
SBE 9+	09P34480-0772	FLUOR S/N _____			REMARKS PP expt #2 - EISNER												MAX. DEPTH = 66							
PRESS SN	772	SBE43-Oxy (prim 1961)																						
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																						
SEC TEMP SN	4379	Transmissometer																						
PRI COND SN	2985	PAR S/N 70296																						
SEC COND ST	3127	Turbidity 2057																						
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis No.							
	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC														
1	301			137	286		LISA Stack	GFF + >10								1								
2	50			138			290	283								2								
3	40			139				285								3								
4	30			140				289								4								
5	20			141				283								5								
6	10			142				279								6								
7	0			143			↓	283								7								
8																8								
9																9								
10																10								
11																11								
12																12								

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 26			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	BOTTO M DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	(m)	
	022	57	31	.13	N	168	18	.55	W	06	MAY	16	1908	1.275	015	31913	71	70M17
SBE 9+	09P34480-0772		FLUOR S/N			REMARKS						MAX. DEPTH =						
PRESS SN	772		SBE43-Oxy (prim 1961)			GO PRO 1												
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379		Transmissometer															
PRI COND SN	2985		PAR S/N 70296															
SEC COND SI	3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC							No.	
1	Rot			440	144													1
2	50			145			283											2
3	40			X-146			285											3
4	30			147			284											4
5	20			148			283											5
6	10			149			279											6
7	0			* 150	355		283											7
8																		8
9																		9
10																		10
11																		11
12																		12

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TSG Chl Sample:

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VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:						STATION NO. 27							
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)			DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)						
023	57 31.32 N	168 37.31 W	06	MAY	16	21.46	21.57	1	06	2733.5					71	70m R8									
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS <i>GO PRO 2</i>										MAX. DEPTH = 66												
PRESS SN	772	SBE43-Oxy (prim 1961)																							
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																							
SEC TEMP SN	4379	Transmissometer																							
PRI COND SN	2985	PAR S/N											70296												
SEC COND ST	3127	Turbidity											2057												
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis										
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	PA	No.															
1	301	151	353												1										
2	50	152				283									2										
3	40	153				285									3										
4	30	154				289									4										
5	20	155				283									5										
6	10	156				279								✓ PA Phyt-Eisher	6										
7	0	157				283									7										
8															8										
9															9										
10															10										
11															11										
12															12										

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SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>28</i>			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)		
<i>024 57 39.07 N</i>		<i>169 01.45 W</i>		<i>06</i>	<i>MAY</i>	<i>16</i>	<i>23</i>	<i>31</i>	<i>3.46.8</i>	<i>0.5</i>			<i>21 3 7</i>				<i>68</i>	<i>M45</i>		
<input type="checkbox"/> SBE 9+ 09P34480-0772	FLUOR S/N _____		REMARKS						<input type="checkbox"/> MAX. DEPTH = 63											
<input type="checkbox"/> PRESS SN 772	SBE43-Oxy (prim 1961)																			
<input type="checkbox"/> PRI TEMP SN 2376	SBE43-Oxy (sec) 1875																			
<input type="checkbox"/> SEC TEMP SN 4379	Transmissometer																			
<input type="checkbox"/> PRI COND SN 2985	PAR S/N 70296																			
<input type="checkbox"/> SEC COND SI 3127	Turbidity 2057																			
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis					
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates			DIC	FA			No.						
1	<i>Bot</i>				<i>158</i>										1					
2	<i>50</i>				<i>159</i>			<i>283</i>							2					
3	<i>40</i>				<i>160</i>			<i>285</i>							3					
4	<i>30</i>				<i>161</i>			<i>289</i>							4					
5	<i>20</i>				<i>162</i>			<i>283</i>				<input checked="" type="checkbox"/>	<i>FA Phyt-Eisner</i>		5					
6	<i>10</i>				<i>163</i>			<i>279</i>							6					
7	<i>0</i>	<i>441</i>	<i>164</i>	<i>118</i>			<i>283</i>								7					
8															8					
9															9					
10															10					
11															11					
12															12					

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>29</i>				
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)	
025	S 7 46.07 N	168	27.78 W	07	MAY	16	01	44	3.5	70.05				183	06			71 M4E	
<input type="checkbox"/> SBE 9+ <input type="checkbox"/> PRESS SN <input type="checkbox"/> PRI TEMP SN <input type="checkbox"/> SEC TEMP SN <input type="checkbox"/> PRI COND SN <input type="checkbox"/> SEC COND SI	09P34480-0772 772 2376 4379 2985 3127	<input type="checkbox"/> FLUOR S/N <input type="checkbox"/> SBE43-Oxy (prim 1961) <input type="checkbox"/> SBE43-Oxy (sec) 1875 <input type="checkbox"/> Transmissometer <input type="checkbox"/> PAR S/N Turbidity	REMARKS										<input type="checkbox"/> MAX. DEPTH = 65						
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis		
No.	DESIRED				SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC					No.			
1	<i>Bot</i>				165	107											1		
2	50				166			✓									2		
3	40				167			✓									3		
4	30				168			✓									4		
5	20				169			✓									5		
6	10				170			✓									6		
7	0				171			✓									7		
8																	8		
9																	9		
10																	10		
11																	11		
12																	12		

SST=

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 30		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	*	*	(m)
	26 57 49.98 N		128 52.97 W	07	MAY	16	04	53	3.779	04			15212			71 M4 CEN	
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH = 66				
PRESS SN	772	SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379	Transmissometer															
PRI COND SN	2985	PAR S/N 70296															
SEC COND St	3127	Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis	
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro- 4	Chloro-GFF	Duplicates	DIC									No.
1	Bottom	442	172	150												1	
2	50		173			281										2	
3	40		174			288										3	
4	30		175			283										4	
5	20		176			283										5	
6	13		177			285										6	
7	13					289										7	
8	13					283										8	
9	10		178			279										9	
10	0		179			283										10	
11																11	
12																12	

SST=

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 3			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
027 38 03.79 N		168 43.35 W		07	MAY	16	0647		3.4	83.	04			14512			70 M4N	
<input type="checkbox"/> SBE 9+	09P34480-0772	FLUOR S/N _____			REMARKS						MAX. DEPTH = 64							
<input type="checkbox"/> PRESS SN	772	SBE43-Oxy (prim 1961)																
<input type="checkbox"/> PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
<input type="checkbox"/> SEC TEMP SN	4379	Transmissometer																
<input type="checkbox"/> PRI COND SN	2985	PAR S/N 70296																
<input type="checkbox"/> SEC COND SI	3127	Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl No	Chloro	GFF	Duplicates			DIC					No.			
1	BOT			180											1			
2	50			181	X										2			
3	40			182	X										3			
4	30			183	X										4			
5	20			184	X										5			
6	10			185	X										6			
7	0			186	100	X									7			
8															8			
9															9			
10															10			
11															11			
12															12			

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise						CLAMS Event #:						STATION NO. <i>32</i>			
CONSC CAST #	LATITUDE		LONGITUDE						TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD (kts)	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID
028	<i>S</i>	55.61	<i>N</i>	169	19.18	<i>W</i>	<i>OF</i>	<i>MAY 16</i>	09	12	3.589.	03	150	18			67	<i>M4W</i>			
	SBE 9+	09P34480-0772			FLUOR S/N	REMARKS										MAX. DEPTH = <i>62</i>					
	PRESS SN	772			SBE43-Oxy (prim 1961)																
	PRI TEMP SN	2376			SBE43-Oxy (sec) 1875																
	SEC TEMP SN	4379			Transmissometer																
	PRI COND SN	2985			PAR S/N 70296																
	SEC COND ST	3127			Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA				UAF	Comments				Nis				
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates		DIC					No.					
1	<i>Bot</i>			187	37												1				
2	50			188				✓									2				
3	46			189				✓									3				
4	30			190				✓									4				
5	26			191				✓									5				
6	10			192				✓									6				
7	0			193				✓									7				
8																	8				
9																	9				
10																	10				
11																	11				
12																	12				

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 33													
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID									
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)											
	0295754.44	N	16930.07	W	07	MAY	16	1017	3.790.02									6970M23											
SBE 9+	09P34480-0772		FLUOR S/N	REMARKS												MAX. DEPTH = 64													
PRESS SN	772		SBE43-Oxy (prim 1961)																										
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																										
SEC TEMP SN	4379		Transmissometer																										
PRI COND SN	2985		PAR S/N													70296													
SEC COND SI	3127		Turbidity													2057													
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMMA			UAF	Comments			Nis														
No.	DESIRED			SALT	Nut.Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates	DIC				No.															
1	BOT			194										1															
2	50			195			V							2															
3	40			196			V							3															
4	30			197			V							4															
5	20			198			V							5															
6	10			199			V							6															
7	0	443 200		172			V							7															
8														8															
9														9															
10														10															
11														11															
12														12															

SST=

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. 34		
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTO M DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*
030	58 02.65 N	169 40.38 W	07	MAY	16		127		3.792	02						70	70M24	
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS												MAX. DEPTH = 66			
PRESS SN	772	SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379	Transmissometer																
PRI COND SN	2985	PAR S/N 70296																
SEC COND SI	3127	Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis			
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates	DIC	Coef				No.			
1	Bot			201	168										1			
2	50			202			283								2			
3	40			203			285								3			
4	30			204			289								4			
5	20			205			283								5			
6	10			206			279								6			
7	0			207			283								7			
8															8			
9															9			
10															10			
11															11			
12															12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 35								
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTO M DEPTH	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)					
031	58 09.31 N	169 54.83 W	07	MAY	16		12	59	3.794	00		12922			71	70M25								
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH = 67											
PRESS SN	772	SBE43-Oxy (prim 1961)																						
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																						
SEC TEMP SN	4379	Transmissometer																						
PRI COND SN	2985	PAR S/N 70296																						
SEC COND SI	3127	Turbidity 2057																						
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis								
No.	DESIRED				SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	UAF				No.									
1	BOT				208											1								
2	50				209				283							2								
3	40				210				285							3								
4	30				211				289							4								
5	20				212				283							5								
6	10				213				279				✓			6								
7	0				214	161			283							7								
8																8								
9																9								
10																10								
11																11								
12																12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>36</i>		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR										
<i>032 58 17.12 N</i>	<i>170 05.31 W</i>	<i>07 MAY 16</i>	<i>14 19</i>	<i>3.9</i>	<i>95 00</i>	<i>133 22</i>	<i>72</i>	<i>70M26</i>									
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX DEPTH = 66.8				
PRESS SN	772	SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379	Transmissometer															
PRI COND SN	2985	PAR S/N 70296															
SEC COND SI	3127	Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	FA	Comments		Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro-10	Chloro-GFF	Duplicates	DIC	(Path, Acid)		No.						
1	<i>Bot</i>	<i>215</i>	<i>220</i>											1			
2	<i>50</i>	<i>216</i>			<i>289</i>									2			
3	<i>40</i>	<i>217</i>			<i>285</i>									3			
4	<i>30</i>	<i>218</i>			<i>283</i>									4			
5	<i>20</i>	<i>219</i>			<i>283</i>							<i>✓ FA 20m phyt</i>		5			
6	<i>10</i>	<i>220</i>			<i>271</i>									6			
7	<i>0</i>	<i>444</i>	<i>221</i>		<i>283</i>									7			
8														8			
9														9			
10														10			
11														11			
12														12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise			CLAMS Event #:						STATION NO. <i>37</i>								
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO	YR											HR	MIN			
<i>033 58 27.01 N</i>		<i>170 10.90 W</i>		<i>07</i>	<i>MAY</i>	<i>16</i>	<i>1554</i>	<i>3.9</i>	<i>91</i>	<i>00</i>	<i>13020</i>				<i>73</i>	<i>70M27</i>						
SBE 9+	09P34480-0772	FLUOR S/N _____			REMARKS												MAX. DEPTH = <i>66.7</i>					
PRESS SN	772	SBE43-Oxy (prim 1961)																				
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																				
SEC TEMP SN	4379	Transmissometer																				
PRI COND SN	2985	PAR S/N 70296																				
SEC COND SI	3127	Turbidity 2057																				
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments		Nis									
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	Collo	No.												
1	<i>300</i>			<i>222</i>		<i>GFF = + >10</i>	<i>240 ml total</i>							1								
2	<i>50</i>			<i>223</i>		<i>2</i>	<i>289</i>							2								
3	<i>40</i>			<i>224</i>			<i>285</i>							3								
4	<i>30</i>			<i>225</i>		<i>290</i>	<i>283</i>							4								
5	<i>20</i>			<i>226</i>			<i>283</i>							5								
6	<i>10</i>			<i>227</i>		<i>290</i>	<i>279</i>							6								
7	<i>0</i>			<i>228 215</i>			<i>283</i>					<i>✓</i>		7								
8														8								
9														9								
10														10								
11														11								
12														12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>38</i>			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*
<i>034</i>	<i>58 37.14 N</i>	<i>170 16.07 W</i>	<i>07 MAY 16</i>	<i>1708</i>	<i>3.8</i>	<i>92 00</i>	<i>135</i>	<i>21</i>								<i>72</i>	<i>70M28</i>	<i>MAX. DEPTH = 68.8</i>
SBE 9+	09P34480-0772	FLUOR S/N _____			REMARKS <i>PP-expt #3</i>													
PRESS SN	772	SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379	Transmissometer																
PRI COND SN	2985	PAR S/N 70296																
SEC COND SN	3127	Turbidity 2057																
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis No.
DESIRED		SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF		Duplicates	DIC									
1	<i>1301</i>	<i>445</i>	<i>229</i>	<i>175</i>	<i>Stack</i>	<i>710</i>											1	
2	<i>50</i>			<i>230</i>	<i>290</i>	<i>283</i>											2	
3	<i>40</i>			<i>231</i>		<i>—</i>	<i>285</i>										3	
4	<i>30</i>			<i>232</i>	<i>290</i>	<i>289</i>											4	
5	<i>20</i>			<i>233</i>		<i>—</i>	<i>283</i>										5	
6	<i>10</i>			<i>234</i>	<i>290</i>	<i>279</i>											6	
7	<i>0</i>			<i>235</i>	<i>290</i>	<i>283</i>											7	
8																	8	
9																	9	
10																	10	
11																	11	
12																	12	

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SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>39</i>			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric Pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
<i>035</i>	<i>58 46.55 N</i>	<i>170 17.47 W</i>	<i>07 MAY 16</i>	<i>18 34</i>	<i>3.6</i>	<i>92</i>	<i>>0</i>	<i>118 21</i>		<i>71</i>	<i>70M29</i>							
<input type="checkbox"/> SBE 9+	09P34480-0772		<input type="checkbox"/> FLUOR S/N _____			REMARKS									<input type="checkbox"/> MAX. DEPTH = <i>65</i>			
<input type="checkbox"/> PRESS SN	772		<input type="checkbox"/> SBE43-Oxy (prim 1961)															
<input type="checkbox"/> PRI TEMP SN	2376		<input type="checkbox"/> SBE43-Oxy (sec) 1875															
<input type="checkbox"/> SEC TEMP SN	4379		<input type="checkbox"/> Transmissometer															
<input type="checkbox"/> PRI COND SN	2985		<input type="checkbox"/> PAR S/N 70296															
<input type="checkbox"/> SEC COND SI	3127		<input type="checkbox"/> Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis			
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	Collo	No.								
1	<i>BOT</i>				<i>236</i>										1			
2	<i>50</i>				<i>237</i>			<i>283</i>							2			
3	<i>40</i>				<i>238</i>			<i>285</i>							3			
4	<i>30</i>				<i>239</i>			<i>289</i>							4			
5	<i>70</i>				<i>240</i>			<i>283</i>							5			
6	<i>10</i>				<i>241</i>			<i>279</i>							6			
7	<i>0</i>				<i>242 197</i>			<i>283</i>				<input checked="" type="checkbox"/>			7			
8															8			
9															9			
10															10			
11															11			
12															12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:					STATION NO. <i>40</i>									
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)			DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)						
	<i>036 58 56</i>	<i>.76 N</i>	<i>170 19.07 W</i>	<i>0</i>	<i>7 MAY 16</i>	<i>2000</i>	<i>3.5</i>	<i>92</i>	<i>11</i>	<i>11821</i>					<i>70</i>	<i>70M30</i>								
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS														MAX. DEPTH = <i>63</i>							
PRESS SN	772	SBE43-Oxy (prim 1961)																						
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																						
SEC TEMP SN	4379	Transmissometer																						
PRI COND SN	2985	PAR S/N 70296																						
SEC COND SI	3127	Turbidity 2057																						
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis							
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates				DIC					No.								
1	<i>BOT</i>				<i>243</i>	<i>277</i>		<i>137</i>								1								
2	<i>50</i>				<i>244</i>			<i>138</i>								2								
3	<i>40</i>				<i>245</i>			<i>136</i>								3								
4	<i>30</i>				<i>246</i>			<i>137</i>								4								
5	<i>20</i>				<i>247</i>			<i>137</i>								5								
6	<i>10</i>				<i>248</i>			<i>137</i>								6								
7	<i>0</i>				<i>446</i>	<i>249</i>		<i>138</i>								7								
8																8								
9																9								
10																10								
11																11								
12																12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 41							
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID					
		DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	*	(deg)	*	*	(m)						
	037	59	06	.41	N	170	14	.60	W	07 MAY 16	21 46	3.7	01	123	18		67	70M31					
<input type="checkbox"/> SBE 9+	SBE 9+	09P34480-0772	FLUOR S/N			REMARKS <i>GoPro 3</i>											MAX DEPTH = 60						
<input type="checkbox"/> PRESS SN	PRESS SN	772	SBE43-Oxy (prim 1961)																				
<input type="checkbox"/> PRI TEMP SN	PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																				
<input type="checkbox"/> SEC TEMP SN	SEC TEMP SN	4379	Transmissometer																				
<input type="checkbox"/> SEC COND SN	SEC COND SN	2985	PAR S/N 70296																				
	SEC COND SI	3127	Turbidity 2057																				
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis							
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	Cocco						No.								
1	BO			250											1								
2	50			251		138									2								
3	40			252		136									3								
4	30			253		137									4								
5	20			254		137									5								
6	10			255		137									6								
7	0			256	265	138							✓		7								
8															8								
9															9								
10															10								
11															11								
12															12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. 42			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
038	59	14.92	N	170	24.72	W	07	MAY	16	2259	3.4	73	01	12320		6770M32	
SBE 9+	09P34480-0772		FLUOR S/N			REMARKS GOARO 4								MAX. DEPTH = 61			
PRESS SN	772		SBE43-Oxy (prim 1961)														
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875														
SEC TEMP SN	4379		Transmissometer														
PRI COND SN	2985		PAR S/N 70296														
SEC COND SI	3127		Turbidity 2057														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments			Nis			
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	FA		No.				
1	301			447	257	263								1			
2	50				258			138						2			
3	40				259			136						3			
4	30				260			137						4			
5	20				261			137						5			
6	10				262			137				✓ Fatty acid phyt *		6			
7	0				263			138						7			
8														8			
9														9			
10														10			
11														11			
12														12			

SST=

SSSal=

TSG Chl Sample:

* Fatty acid for 333 + 150 for 200

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 43									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	*								*						
039	59	20.21	N	170	39.90	W	08	MAY	16	00	20	3.3	94	02	11122		6970033							
SBE 9+	09P34480-0772		FLUOR S/N		REMARKS												MAX. DEPTH = 63							
PRESS SN	772		SBE43-Oxy (prim 1961)																					
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																					
SEC TEMP SN	4379		Transmissometer																					
PRI COND SN	2985		PAR S/N 70296																					
SEC COND SI	3127		Turbidity 2057																					
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis								
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	Cocco					No.								
1	Bot			264												1								
2	50			265												2								
3	40			266												3								
4	30			267												4								
5	20			268												5								
6	10			269												6								
7	0			270	241											7								
8																8								
9																9								
10																10								
11																11								
12																12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise			CLAMS Event #:						STATION NO <i>44</i>					
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
	<i>040</i>	<i>S 926.33 N</i>		<i>17054.47 W</i>	<i>08</i>	<i>MAY</i>	<i>16</i>	<i>01</i>	<i>40</i>	<i>2.8</i>	<i>96</i>	<i>01</i>		<i>105</i>	<i>18</i>			<i>71 70M34</i>		
	SBE 9+	09P34480-0772		FLUOR S/N															MAX. DEPTH = <i>65</i>	
	PRESS SN	772		SBE43-Oxy (prim 1961																
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																
	SEC TEMP SN	4379		Transmissometer																
	PRI COND SN	2985		PAR S/N	70296															
	SEC COND SI	3127		Turbidity	2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis				
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No		Chloro->10	Chloro-GFF	Duplicates		DIC						No.				
1	<i>Bot</i>		<i>448</i>	<i>271*360</i>												1				
2	<i>50</i>			<i>272</i>				<i>V</i>								2				
3	<i>40</i>			<i>273</i>				<i>V</i>								3				
4	<i>30</i>			<i>274</i>				<i>V</i>								4				
5	<i>20</i>			<i>275</i>				<i>V</i>								5				
6	<i>10</i>			<i>276</i>				<i>V</i>								6				
7	<i>0</i>			<i>277</i>				<i>V</i>								7				
8																8				
9																9				
10																10				
11																11				
12																12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 45																
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID												
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)			*	*	(deg)	(kts)	*	*	(m)													
0415935.93N	17055.49W	08 MAY 16	0247	2.6	97	01	116	19	72	70M35																						
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS												MAX. DEPTH = 65																	
PRESS SN	772	SBE43-Oxy (prim 1961)																														
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																														
SEC TEMP SN	4379	Transmissometer																														
PRI COND SN	2985	PAR S/N 70296																														
SEC COND SI	3127	Turbidity 2057																														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments			Nis																
No.	DESIRED	SALT	Nut. Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates			DIC		Cocco + FA		No.																		
1	But			278		Stuck Chla	Small Bottles								1																	
2	50			279											2																	
3	46			280											3																	
4	30			281	290										4																	
5	20			282											5																	
6	10			283	290								✓ FA Plat at 10m		6																	
7	0	449	284										✓ Cocco at 0m		7																	
8															8																	
9															9																	
10															10																	
11															11																	
12															12																	

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. <i>46</i>				
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)			
<i>042 59 43.06 N</i>	<i>171 08.29 W</i>	<i>08 MAY 16</i>	<i>0406</i>	<i>2.3</i>	<i>98</i>	<i>01</i>	<i>103</i>	<i>19</i>						<i>72</i>	<i>70M36</i>		<i>MAX DEPTH = 67</i>				
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS																		
PRESS SN	772	SBE43-Oxy (prim 1961)																			
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																			
SEC TEMP SP	4379	Transmissometer																			
PRI COND SN	2985	PAR S/N 70296																			
SEC COND SI	3127	Turbidity 2057																			
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments							Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC								No.					
1	<i>Bot</i>				<i>285</i>				<i>Large Bottles</i>							1					
2	<i>50</i>				<i>286</i>			<i>✓</i>								2					
3	<i>40</i>				<i>287</i>			<i>✓</i>								3					
4	<i>30</i>				<i>288</i>			<i>✓</i>								4					
5	<i>20</i>				<i>289</i>			<i>✓</i>								5					
6	<i>10</i>				<i>290</i>			<i>✓</i>								6					
7	<i>0</i>				<i>449 291</i>			<i>✓</i>								7					
8																8					
9																9					
10																10					
11																11					
12																12					

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise						CLAMS Event #:						STATION NO. 47	
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
0435942.14N		17129.79W		08	MAY	16	0540		2.3	98	01			11715		74	M55		
SBE 9+	09P34480-0772	FLUOR S/N		REMARKS										MAX. DEPTH = 70					
PRESS SN	772	SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N	70296																
SEC COND SI	3127	Turbidity	2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments					Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates			DIC						No.			
1	Bot			292													1		
2	50			293			✓										2		
3	40			294			✓										3		
4	30			295			✓										4		
5	20			296			✓										5		
6	10			297			✓										6		
7	0			298 361			✓										7		
8																	8		
9																	9		
10																	10		
11																	11		
12																	12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>48</i>				
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
<i>044 59 53.80 N</i>	<i>171 15.51 W</i>	<i>08 MAY 16</i>	<i>07 18</i>	<i>1.8</i>	<i>99 02</i>	<i>97 15</i>	<i>72 MSE</i>												
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH = <i>65</i>						
PRESS SN	772	SBE43-Oxy (prim 1961																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N 70296																	
SEC COND SI	3127	Turbidity 2057																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC									No.		
1	<i>Bot</i>	<i>450</i>	<i>299</i>	<i>362</i>												1			
2	<i>50</i>		<i>300</i>			✓										2			
3	<i>40</i>		<i>301</i>			✓										3			
4	<i>30</i>		<i>302</i>			✓										4			
5	<i>20</i>		<i>303</i>			✓										5			
6	<i>10</i>		<i>304</i>			✓										6			
7	<i>0</i>		<i>305</i>			✓										7			
8																8			
9																9			
10																10			
11																11			
12																12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. 49			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR										
045 59 53.53 N		171 42.53 W		08	MAY	16	10 37	1.8	09901		11812		66	MS-Center			
SBE 9+ 09P34480-0772		FLUOR S/N													MAX. DEPTH = 71		
PRESS SN 772		SBE43-Oxy (prim 1961)															
PRI TEMP SN 2376		SBE43-Oxy (sec) 1875															
SEC TEMP SN 4379		Transmissometer															
PRI COND SN 2985		PAR S/N 70296															
SEC COND SI 3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF	Duplicates			DIC					No.		
1	BOT		306												1		
2	50		307					✓							2		
3	40		308					✓							3		
4	30		309					✓							4		
5	20		310					✓							5		
6	10		311					✓							6		
7	0		312 X 363					✓							7		
8															8		
9															9		
10															10		
11															11		
12															12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:					STATION NO. <i>50</i>		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric Pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
<i>046 60 04.48 N</i>		<i>172 00.31 W</i>		<i>08 MAY 16</i>			<i>1332</i>	<i>1.1</i>	<i>71 01</i>		<i>114 12</i>		<i>64</i>	<i>M5N</i>			
SBE 9+	09P34480-0772		FLUOR S/N			REMARKS					MAX. DEPTH = 59						
PRESS SN	772		SBE43-Oxy (prim 1961)														
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875														
SEC TEMP SN	4379		Transmissometer														
PRI COND SN	2985		PAR S/N 70296														
SEC COND SI	3127		Turbidity 2057														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments					Nis	
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC						No.			
1	<i>307</i>	<i>451</i>	<i>313 X</i>												1		
2	<i>30</i>		<i>314</i>			<i>138</i>									2		
3	<i>40</i>		<i>315</i>			<i>136</i>									3		
4	<i>30</i>		<i>316</i>			<i>137</i>									4		
5	<i>20</i>		<i>317</i>			<i>137</i>									5		
6	<i>10</i>		<i>318</i>			<i>137</i>									6		
7	<i>0</i>		<i>319 364</i>			<i>138</i>									7		
8															8		
9															9		
10															10		
11															11		
12															12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 51			
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
047	59	53.99	N	172	09.87	W	08	MAY	16	1532	1.3	99	01		136	7.1		74	70M39.5SW
SBE 9+	09P34480-0772	FLUOR S/N		REMARKS										MAX. DEPTH = 67					
PRESS SN	772	SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N 70296																	
SEC COND SI	3127	Turbidity 2057																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis			
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF		Duplicates	DIC					No.			
1	30T			320	365											1			
2	50			321			✓									2			
3	40			322			✓									3			
4	30			323			✓									4			
5	20			324			✓									5			
6	10			325			✓									6			
7	0			326			✓									7			
8																8			
9																9			
10																10			
11																11			
12																12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.								
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	STA. NAME/ID				
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*		(m)			
048	59	54.79	N	172	26.00	W	08	MAY	16	1658	1.4	99	01		150	11		74	70M40				
SBE 9+	09P34480-0772		FLUOR S/N			REMARKS <i>GoPro 5</i>						MAX DEPTH = 68											
PRESS SN	772		SBE43-Oxy (prim 1961)																				
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																				
SEC TEMP SN	4379		Transmissometer																				
PRI COND SN	2985		PAR S/N 70296																				
SEC COND SN	3127		Turbidity 2057																				
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis								
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF	Duplicates	DIC	No														
1	BOT				327										1								
2	50				328			138							2								
3	40				329			136							3								
4	30				330			137							4								
5	20				331			137							5								
6	10				332			137							6								
7	0	452	333	366				138							7								
8															8								
9															9								
10															10								
11															11								
12															12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 53	
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO												HR
049 59 58.67 ^N	172 44.38 ^W	08	MAY	16		18	33	0.8	99	02		180	11			69 70 N 41		
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND ST	09P34480-0772 772 2376 4379 2985 3127	FLUOR S/N SBE43-Oxy (prim 1961) SBE43-Oxy (sec) 1875 Transmissometer PAR S/N Turbidity	REMARKS Cocco, OM - EISNER PP exp + #4 High Fluor = lots of phytoplankton												MAX. DEPTH = 64			
Nis No.	DEPTH DESIRED	Rosette Notes			Hydro Team-PMEL			Chlorophyll Chloro>10	EMA		UAF	Comments			Nis No.			
1	Bot		334	367		Stack	Small bottles	FOLI	DIC	Cocco					1			
2	50		335			290	✓								2			
3	40		336			✓									3			
4	30		337			✓									4			
5	20		338			✓									5			
6	10		339			✓									6			
7	0		340			✓								✓	7			
8															8			
9															9			
10															10			
11															11			
12															12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>54</i>	
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)			DRY BULB (°C)	Relative Humidity (%)	Barometric Pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
<i>050</i>	<i>60 02.29 N</i>	<i>173 00.14 W</i>	<i>08 MAY 16</i>	<i>1746</i>	<i>0.9</i>	<i>100</i>	<i>02</i>	<i>19/12</i>							<i>6870M42</i>			
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS <i>GO DRI 17</i> <i>Phyto in 150 m - dominated by Thalassiosira</i> <i>some Pseudosigma (large pennate) and large</i> <i>centric (coscinodiscus), some Rhizosolenia</i>										MAX. DEPTH = 61					
PRESS SN	772	SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379	Transmissometer																
PRI COND SN	2985	PAR S/N 70296																
SEC COND SI	3127	Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC	FA	No.								
1	<i>BOT</i>	<i>453</i>	<i>341</i>												1			
2	<i>50</i>		<i>342</i>			<i>138</i>									2			
3	<i>40</i>		<i>343</i>			<i>136</i>									3			
4	<i>30</i>		<i>344</i>			<i>137</i>									4			
5	<i>20</i>		<i>345</i>			<i>137</i>									5			
6	<i>10</i>		<i>346</i>			<i>137</i>									6			
7	<i>0</i>		<i>347</i>	<i>371</i>		<i>138</i>									7			
8															8			
9															9			
10															10			
11															11			
12															12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 55		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR										
0516006.04 N		17318.73 W		08	MAY	16	21	12	100	02	186	9.3		71.16	70N43	MAX. DEPTH ≈ 527	
SBE 9+	09P34480-0772	FLUOR S/N _____			REMARKS GP8												
PRESS SN	772	SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379	Transmissometer															
PRI COND SN	2985	PAR S/N 70296															
SEC COND SI	3127	Turbidity 2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC	CoCo					No.		
1	301		348	370	Stuck										1		
2	50		349		138										2		
3	40		350	290*	136										3		
4	30		351		137										4		
5	20		352		137										5		
6	10		353	290*	137										6		
7	0		354		138										7		
8															8		
9															9		
10															10		
11															11		
12															12		

SST=

SSSal=

TSG Chl Sample:

* May have lost a little sample from >10 fraction

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>56</i>			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR											
<i>052 60 15.01 N</i>	<i>173 31.31 W</i>	<i>08 MAY 16</i>	<i>2241</i>	<i>1.0</i>	<i>100</i>	<i>02</i>	<i>188</i>	<i>10</i>				<i>70</i>	<i>70M44</i>					
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS SCM @ 26m & 50m. Last station on 70m line See ice on starboard Lots of Thalassosira on 333-200 net - some Chaetoceros, Rhizosolenia + others										MAX. DEPTH = 63					
PRESS SN	772	SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379	Transmissometer																
PRI COND SN	2985	PAR S/N 70296																
SEC COND SI	3127	Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Phyt	Comments		Nis				
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates	DIC	F4	Corr	No.							
1	<i>20</i>			<i>355</i>		<i>Stuck</i>	<i>Chla*</i>							1				
2	<i>30</i>			<i>356</i>	<i>290</i>	<i>138</i>			<i>✓</i>	<i>✓</i>				2				
3	<i>40</i>			<i>357</i>		<i>136</i>			<i>✓</i>					3				
4	<i>30</i>			<i>358</i>		<i>137</i>			<i>✓</i>	<i>✓</i>				4				
5	<i>20</i>			<i>359</i>		<i>137</i>								5				
6	<i>10</i>			<i>360</i>		<i>137</i>			<i>✓</i>	<i>✓</i>				6				
7	<i>0</i>	<i>454</i>	<i>361</i>	<i>369</i>	<i>↓</i>	<i>138</i>			<i>✓</i>	<i>✓</i>				7				
8														8				
9														9				
10														10				
11														11				
12														12				

SST=

SSSal=

TSG Chl Sample:

* only >10 for 50m sample

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 57		
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)			DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)						
	053	55	26	.58	N	168	08	.20	W	10 MAY 16	18024	5.4	085	105	167	17	222	LL4
	SBE 9+	09P34480-0772		FLUOR S/N		REMARKS						MAX. DEPTH = 300						
	PRESS SN	772		SBE43-Oxy (prim 1961)														
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875														
	SEC TEMP SN	4379		Transmissometer														
	PRI COND SN	2985		PAR S/N 70296														
	SEC COND ST	3127		Turbidity 2057														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC							No.			
1	BOT	X 455	362	037	Stuck												1	
2	150		363		Chla												2	
3	100		364														3	
4	75		365														4	
5	50		366		290	283											5	
6	40		367			285											6	
7	30		368			286											7	
8	20		369			283											8	
9	10		370			279											9	
10	0		371	032	✓	283											10	
11																	11	
12																	12	

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 58			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	*	*	(m)	
	054 55 22.40	N	168 11.07	W	10	MAY	16	18	43	5.7	089	105			178 19		522	LL3	
SBE 9+	09P34480-0772		FLUOR S/N		REMARKS										MAX. DEPTH =				
PRESS SN	772		SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379		Transmissometer																
PRI COND SN	2985		PAR S/N 70298																
SEC COND SI	3127		Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis	
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC							No.		
1	BOT			372	100													1	
2	400			373	1													2	
3	200			374														3	
4	150			375														4	
5	100			376														5	
6	50			377			283											6	
7	40			378			285											7	
8	30			379			289											8	
9	20			380			283											9	
10	10			381			279											10	
11	0			382	100		283											11	
12																		12	

O2 MOVED
TO BOT

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 59			
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
								DEG	MIN										
	055 55 06.37 N		168 29.06 W		10 MAY 16			21	52	5.7	82	05		187	20		1704	LL5	
	SBE 9+	09P34480-0772		FLUOR S/N					REMARKS									MAX. DEPTH = 1479	
	PRESS SN	772		SBE43-Oxy (prim 1961)															
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
	SEC TEMP SN	4379		Transmissometer															
	PRI COND SN	2985		PAR S/N 70296															
	SEC COND SI	3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF			Comments			Nis	
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC									No.	
1	BOT				383												1		
2	750				384												2		
3	500				385												3		
4	250				386												4		
5	100				387												5		
6	50				388			283									6		
7	40				389			289									7		
8	30				390			285									8		
9	20				391			283									9		
10	10				392			279									10		
11	0				456 393 107			283									11		
12																	12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. 61			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	056 54 49.98 N		168 43.85 W			11 MAY 16		0205	6.1	84 06	19515			2294	LL6		
	SBE 9+	09P34480-0772		FLUOR S/N					REMARKS PAR removed ::						MAX. DEPTH = 1000		
	PRESS SN	772		SBE43-Oxy (prim 1961)													
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875													
	SEC TEMP SN	4379		Transmissometer													
	PRI COND SN	2985		PAR S/N 70296													
	SEC COND SI	3127		Turbidity 2057													
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA		UAF	Comments					Nis	
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC						No.	
1	BOT			394	118										1		
2	750			395											2		
3	500			396											3		
4	250			397											4		
5	100			398											5		
6	50			399				✓							6		
7	40			400				✓							7		
8	30			401				✓							8		
9	20			402				✓							9		
10	10			403				✓							10		
11	0			404				✓							11		
12															12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise			CLAMS Event #:						STATION NO. 62									
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID						
	DEG	MIN	DEG	MIN	DAY	MO	YR											HR	MIN				
	0 57 54	39 . 90 N	16 91 2 . 20 W	11	MAY	16	05 13	5 . 5	79 06			18 42 1		1698	LL7								
	SBE 9+	09P34480-0772	FLUOR S/N	REMARKS												MAX. DEPTH = 999							
	PRESS SN	772	SBE43-Oxy (prim 1961)																				
	PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																				
	SEC TEMP SN	4379	Transmissometer																				
	PRI COND SN	2985	PAR S/N 70296																				
	SEC COND SI	3127	Turbidity 2057																				
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis							
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF		Duplicates	DIC							No.							
1	BOT		457	405 241											1								
2	750			406 220											2								
3	500			407 215											3								
4	250			408 209											4								
5	100			409 197											5								
6	50			410 181			✓								6								
7	40			411 175			✓								7								
8	30			412 172			✓								8								
9	20			413 168			✓								9								
10	10			414 161			✓								10								
11	0			415 150			✓								11								
12															12								

SST= SSSal= TSG Chl Sample: *Niskin Leaking*

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise			CLAMS Event #:						STATION NO. 64			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)
058 54 21.15 N		169 49.52 W		11	MAY	16	0948		55	87	08	21015		1861	LL8/DL7			
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SI	09P34480-0772 772 2376 4379 2985 3127	FLUOR S/N SBE43-Oxy (prim 1961) SBE43-Oxy (sec) 1875 Transmissometer PAR S/N 70296 Turbidity 2057	REMARKS										MAX. DEPTH = 1000					
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis		
No.	DESIRED	SALT	Nut Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC									No.	
1	Bot	458	416	263												1		
2	750		417													2		
3	500		418													3		
4	250		419													4		
5	100		420													5		
6	50		421													6		
7	40		422													7		
8	30		423													8		
9	20		424													9		
10	10		425													10		
11	0		426													11		
12																12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 65			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR											HR
059	54	01	.90	N	167	33	93	W	11	MAY	16	1302	5.1	88	10	19523	1860	LL9/DL6
	SBE 9+	09P34480-0772		FLUOR S/N													MAX. DEPTH = 100	
	PRESS SN	772		SBE43-Oxy (prim 1961														
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875														
	SEC TEMP SN	4379		Transmissometer														
	PRI COND SN	2985		PAR S/N 70296														
	SEC COND SI	3127		Turbidity 2057														
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis	
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC					No.				
1	BDT			427												1		
2	750			428												2		
3	500			429												3		
4	250			430												4		
5	100			431												5		
6	50			432			283									6		
7	40			433			285									7		
8	30			434			289									8		
9	20			435			283									9		
10	10			436			279									10		
11	0			437 x265			283									11		
12																12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. <i>66</i>						
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
	060	53	47	.21	N	169	14	.68	W	17 MAY 16	1606	5.3	88	13		194	18		1527	DLS/410
	SBE 9+	09P34480-0772		FLUOR S/N			REMARKS								MAX. DEPTH = 100					
	PRESS SN	772		SBE43-Oxy (prim 1961)																
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																
	SEC TEMP SN	4379		Transmissometer																
	PRI COND SN	2985		PAR S/N 70296																
	SEC COND SI	3127		Turbidity 2057																
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis			
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF		Duplicates	DIC					No.						
1	50			438	X 777											1				
2	750			439												2				
3	500			440												3				
4	250			441												4				
5	100			442												5				
6	50			443			283									6				
7	40			444			285									7				
8	30			445			289									8				
9	20			446			283									9				
10	10			447			279									10				
11	0			459	449		283									11				
12				459												12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise							CLAMS Event #:					STATION NO. 67												
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID										
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	-	-	(deg)	(kts)	*	*	(m)										
061	5334.04	N	169	03.10	W	11	MAY	16	18.30	5.4	92	15		195	12			1759	DLY/LLH										
SBE 9+	09P34480-0772		FLUOR S/N	REMARKS														MAX. DEPTH = 1000											
PRESS SN	772		SBE43-Oxy (prim 1961)																										
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																										
SEC TEMP SN	4379		Transmissometer																										
PRI COND SN	2985		PAR S/N 70296																										
SEC COND SI	3127		Turbidity 2057																										
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments					Nis												
No.	DESIRED	SALT	Nut Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC											No.										
1	BOT			449														1											
2	750			450														2											
3	500			451														3											
4	250			452														4											
5	100			453														5											
6	50			454			283											6											
7	40			455			285											7											
8	30			456			289											8											
9	20			457			283											9											
10	10			458			279											10											
11	0			459	285		283											11											
12																		12											

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>68</i>		
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO											
<i>062</i>	<i>53</i>	<i>31.03 N</i>	<i>168</i>	<i>53.49 W</i>	<i>11</i>	<i>MAY</i>	<i>16</i>	<i>2026</i>	<i>6.0</i>	<i>90</i>	<i>16</i>	<i>207</i>	<i>11</i>			<i>1739</i>	<i>PL3/LL12</i>
SBE 9+	09P34480-0772	FLUOR S/N				REMARKS								MAX. DEPTH = 1003			
PRESS SN	772	SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379	Transmissometer															
PRI COND SN	2985	PAR S/N 70296															
SEC COND SI	3127	Turbidity 2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro	GFP	Duplicates		DIC							No.	
1	<i>BOT</i>	<i>460</i>	<i>460</i>	<i>286</i>												1	
2	<i>750</i>		<i>461</i>													2	
3	<i>500</i>		<i>462</i>													3	
4	<i>250</i>		<i>463</i>													4	
5	<i>100</i>		<i>464</i>													5	
6	<i>50</i>		<i>465</i>		<i>283</i>											6	
7	<i>40</i>		<i>466</i>		<i>285</i>											7	
8	<i>30</i>		<i>467</i>		<i>289</i>											8	
9	<i>20</i>		<i>468</i>		<i>283</i>											9	
10	<i>10</i>		<i>469</i>		<i>279</i>											10	
11	<i>0</i>		<i>470</i>		<i>283</i>											11	
12																12	

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. 069		
CONSC CAST #	LATITUDE							TIME (GMT)	DRY BULB	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
		DEG	MIN	LONGITUDE	DEG	MIN	DAY											
063	53 24.65 N	168 49.66 W			11	MAY	16	2225	6.8	87	17		19110			1193	DL2/LLB	
<input type="checkbox"/> SBE 9+	09P34480-0772	FLUOR S/N			REMARKS									MAX. DEPTH = 1002				
<input type="checkbox"/> PRESS SN	772	SBE43-Oxy (prim 1961)																
<input type="checkbox"/> PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
<input type="checkbox"/> SEC TEMP SN	4379	Transmissometer																
<input type="checkbox"/> PRI COND SN	2985	PAR S/N 70296																
<input type="checkbox"/> SEC COND ST	3127	Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF	Duplicates	DIC	No.									
1	307				471										1			
2	750				472										2			
3	500				473										3			
4	250				474										4			
5	100				475										5			
6	50				476	283									6			
7	40				477	285									7			
8	30				478	289									8			
9	20				479	283									9			
10	10				480	279									10			
11	0				481	288	283								11			
12															12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>70</i>		
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR										
<i>364</i>	<i>53 22.39 N</i>	<i>168 40.66 W</i>		<i>MAY 16</i>	<i>2347</i>	<i>5.7</i>	<i>86</i>	<i>17</i>		<i>22311</i>			<i>252</i>	<i>DH/LU5</i>				
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS BOAT WAS DRIFTING ON SURFACE AND OVER THE CTD, WHICH WAS IN DEEP WATER. MINIMUM ALTIMETER - READINGS WAS 24 mab, not 2m as indicated by bottom depth from ship.										MAX. DEPTH = 250					
PRESS SN	772	SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379	Transmissometer																
PRI COND SN	2985	PAR S/N 70296																
SEC COND SI	3127	Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis		
No	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC									No.	
1	<i>Bot</i>				<i>482</i>	<i>289</i>										1		
2	<i>200</i>				<i>483</i>											2		
3	<i>150</i>				<i>484</i>											3		
4	<i>100</i>				<i>485</i>			✓								4		
5	<i>50</i>				<i>486</i>			✓								5		
6	<i>40</i>				<i>487</i>			✓								6		
7	<i>30</i>				<i>488</i>			✓								7		
8	<i>20</i>				<i>489</i>			✓								8		
9	<i>10</i>				<i>490</i>			✓								9		
10	<i>0</i>	<i>4161</i>			<i>491</i>											10		
11																11		
12																12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 72			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE *	VISIBILITY *(deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)			*	*	*	*	*	*		
	65 54 41 . 25 N		166 13 . 71 W	12	MAY	16	1036		5.8	84	20			201	14			291	UBW4	
SBE 9+	09P34480-0772		FLUOR S/N																MAX. DEPTH = 283	
PRESS SN	772		SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379		Transmissometer																	
PRI COND SN	2985		PAR S/N	70296																
SEC COND SI	3127		Turbidity	2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC										No.		
1	Bot				493													1		
2	200				494													2		
3	150				495													3		
4	100				496													4		
5	75				497													5		
6	50				498													6		
7	40				499													7		
8	30				500													8		
9	20				501													9		
10	10				502													10		
11	0				503	291												11		
12	—																	12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 73			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	*	*	(deg)	(kts)	*	*	*	(m)	
066 54 34.71 N		166 07.57 W		12	MAY	16	1234		5.9	83	20		187	06			417	UBW3	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SI	09P34480-0772 772 2376 4379 2985 3127	FLUOR S/N SBE43-Oxy (prim 1961) SBE43-Oxy (sec) 1875 Transmissometer PAR S/N Turbidity															MAX. DEPTH = 409		
												REMARKS							
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis	
No.	DESIRRED	SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF	Duplicates	DIC							No.				
1	BOT	462	504	x292													1		
2	200			505													2		
3	150			506													3		
4	100			507													4		
5	75			508													5		
6	50			509			283										6		
7	40			510			285										7		
8	30			511			289										8		
9	20			512			283										9		
10	10			513			279										10		
11	0			514			283										11		
12																	12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise			CLAMS Event #:						STATION NO. 74			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR										
047 54 28.17 N		166 02.23 W		12	MAY	16	14	02	6.0	83	21	1905		538	UBW2		
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH = 531				
PRESS SN	772	SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379	Transmissometer															
PRI COND SN	2985	PAR S/N 70296															
SEC COND ST	3127	Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC							No.		
1	BOT				515										1		
2	300				516										2		
3	150				517										3		
4	100				518										4		
5	75				519										5		
6	50				520		283								6		
7	40				521		285								7		
8	30				522		289								8		
9	20				523		283								9		
10	10				524		279								10		
11	0				525	293	283								11		
12															12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 75				
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR												MIN
	068	54	21	.40	N	165	55	.49	W	12	MAY	16	16 23	5.9	82	22	16113		453	4BW1
SBE 9+	09P34480-0772	FLUOR S/N		REMARKS										MAX. DEPTH = 446						
PRESS SN	772	SBE43-Oxy (prim 1961)																		
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																		
SEC TEMP SN	4379	Transmissometer																		
PRI COND SN	2985	PAR S/N 70296																		
SEC COND SI	3127	Turbidity 2057																		
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis		
No.	DESIRED				SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC						No.		
1	BOT				526	346													1	
2	300				527														2	
3	150				528														3	
4	100				529														4	
5	75				530														5	
6	50				531			283											6	
7	40				532			285											7	
8	30				533			289											8	
9	20				534			283											9	
10	10				535			279											10	
11	0				463	536		283											11	
12																			12	

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 76												
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)									
069 54 18.50 N	165 52.86 W	12	MAY	16			17	34	6.0	79					176	10			108	43WO									
SBE 9+	09P34480-0772	FLUOR S/N		REMARKS PP Expt #6												MAX. DEPTH = 105													
PRESS SN	772	SBE43-Oxy (prim 1961)																											
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																											
SEC TEMP SN	4379	Transmissometer																											
PRI COND SN	2985	PAR S/N 70296																											
SEC COND SI	3127	Turbidity 2057																											
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll		EMA			UAF		Comments				Nis										
No.	DESIRED				SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF		Duplicates	DIC						No.											
1	BOT				537			Chla										1											
2	75				538			Stack										2											
3	50				539			290	283										3										
4	40				540			1	285										4										
5	30				541			1	289										5										
6	20				542			1	283										6										
7	10				543			1	279										7										
8	0				544	351		1	283										8										
9																			9										
10																			10										
11																			11										
12																			12										

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #: <i>77</i>						STATION NO.				
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
<i>070 54 20.34 N</i>	<i>165 25.39 W</i>	<i>12 MAY 16</i>	<i>1941</i>	<i>5.9</i>	<i>R</i>	<i>24</i>	<i>176</i>	<i>11</i>	<i>148</i>	<i>UB54</i>									<i>MAX. DEPTH = 144</i>	
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND ST	09P34480-0772 772 2376 4379 2985 3127	FLUOR S/N SBE43-Oxy (prim 1961) SBE43-Oxy (sec) 1875 Transmissometer PAR S/N Turbidity	REMARKS																	
Nis No.	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis No.				
DESIR		SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC												
1	<i>BOT</i>	<i>464</i>	<i>545</i>	<i>353</i>													1			
2	<i>75</i>		<i>546</i>														2			
3	<i>50</i>		<i>547</i>			<i>283</i>											3			
4	<i>40</i>		<i>548</i>			<i>285</i>											4			
5	<i>30</i>		<i>549</i>			<i>289</i>											5			
6	<i>20</i>		<i>550</i>			<i>283</i>											6			
7	<i>10</i>		<i>551</i>			<i>279</i>											7			
8	<i>0</i>		<i>552</i>			<i>283</i>											8			
9																	9			
10																	10			
11																	11			
12																	12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>78</i>				
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	*	*	(deg)	(kts)	*	*	*	*	(m)	
071	54	22.38	N	165	16.02	W	12	MAY 16	21	22	6.0	78	25		204	11		164	UB53	
SBE 9+	09P34480-0772		FLUOR S/N		REMARKS								MAX. DEPTH = 161							
PRESS SN	772		SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379		Transmissometer																	
PRI COND SN	2985		PAR S/N 70296																	
SEC COND SI	3127		Turbidity 2057																	
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC						No.					
1	<i>301</i>				<i>553</i>												1			
2	<i>150</i>				<i>554</i>												2			
3	<i>100</i>				<i>555</i>												3			
4	<i>75</i>				<i>556</i>												4			
5	<i>50</i>				<i>557</i>			<i>283</i>									5			
6	<i>40</i>				<i>558</i>			<i>285</i>									6			
7	<i>30</i>				<i>559</i>			<i>289</i>									7			
8	<i>20</i>				<i>560</i>			<i>283</i>									8			
9	<i>10</i>				<i>561</i>			<i>279</i>									9			
10	<i>0</i>				<i>562</i>	<i>352</i>		<i>283</i>									10			
11																	11			
12																	12			

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. 79									
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)						
	072 54 25.13	N	165 08.04	W	12	MAY	16	2216	5.6	80	1026			157	11			131	UBS2							
SBE 9+	09P34480-0772		FLUOR S/N		REMARKS RZA										MAX. DEPTH = 127											
PRESS SN	772		SBE43-Oxy (prim 1961)												Transmissometer				PAR S/N 70296				Turbidity 2057			
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																							
SEC TEMP SN	4379																									
PRI COND SN	2985																									
SEC COND SI	3127																									
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis										
No.	DESIRED	SALT	Nut Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates	DIC									No.									
1	130				563	355			Bin Bottles								1									
2	75				564		283										2									
3	50				565		283										3									
4	40				566		285										4									
5	30				567		289										5									
6	20				568		283										6									
7	10				569		279										7									
8	0	679	570	355			283										8									
9																	9									
10																	10									
11																	11									
12																	12									

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. <i>80</i>														
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	TYPE	WEATHER	BOTTOM DEPTH	(m)	STA. NAME/ID				
<i>073 54 26.04 N</i>	<i>164 58.89 W</i>	<i>12 MAY 16</i>	<i>23 22</i>	<i>6.1</i>	<i>75</i>	<i>26</i>	<i>206</i>	<i>6</i>	<i>53</i>	<i>UBS1</i>																			
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS												MAX. DEPTH = 51														
PRESS SN	772	SBE43-Oxy (prim 1961)	<i>new file named CTD 073b For surface bottle only</i>																										
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																											
SEC TEMP SN	4379	Transmissometer																											
PRI COND SN	2985	PAR S/N 70296																											
SEC COND SI	3127	Turbidity 2057																											
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments						Nis									
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates		DIC										No.										
1	<i>301</i>				<i>571</i>			<i>283</i>											1										
2	<i>40</i>				<i>572</i>			<i>285</i>											2										
3	<i>30</i>				<i>573</i>			<i>281</i>											3										
4	<i>20</i>				<i>574</i>			<i>283</i>											4										
5	<i>10</i>				<i>575</i>			<i>279</i>											5										
6	<i>0</i>				<i>576 356</i>			<i>283</i>											6										
7																			7										
8																			8										
9																			9										
10																			10										
11																			11										
12																			12										

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 81			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	(deg)	*	*	(m)		
074	54	42.99	N	164	47.13	W	13	MAY	16	0208	6.5	83	26	269	11	46	UBE3	
SBE 9+	09P34480-0772		FLUOR S/N _____			REMARKS						MAX DEPTH = 42						
PRESS SN	772		SBE43-Oxy (prim 1961)															
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875															
SEC TEMP SN	4379		Transmissometer															
PRI COND SN	2985		PAR S/N 70296															
SEC COND SN	3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates				DIC							No.
1	B0	680	572	360														1
2	30		578															2
3	20		579															3
4	10		580															4
5	0		581															5
6																		6
7																		7
8																		8
9																		9
10																		10
11																		11
12																		12

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. 82		
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR											
075	59 49 .52 N	164 53 .59 W		13	MAY	16	03	14	6.6	78	26		284	4		74	UBE 2	
	SBE 9+ 09P34480-0772		FLUOR S/N														MAX. DEPTH = 71	
	PRESS SN 772		SBE43-Oxy (prim 1961)															
	PRI TEMP SN 2376		SBE43-Oxy (sec) 1875															
	SEC TEMP SN 4379		Transmissometer															
	PRI COND SN 2985		PAR S/N 70296															
	SEC COND SI 3127		Turbidity 2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF			Comments			Nis
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No.	Chloro->10	Chloro-GFF	Duplicates		DIC							No.		
1	BOT				582											1		
2	50				583			✓								2		
3	40				584			✓								3		
4	30				585			✓								4		
5	20				586			✓								5		
6	10				587			✓								6		
7	0				588 361			✓								7		
8																8		
9																9		
10																10		
11																11		
12																12		

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TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:					STATION NO. 83			
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	*	(deg)	(kts)	*	*	(m)	
076 5456 . 45 N	164 59 . 71 W	13 MAY 16	04 13	6.2	81	27	64	04		92	UBE1							
SBE 9+ PRESS SN PRI TEMP SN SEC TEMP SN PRI COND SN SEC COND SN	09P34480-0772 772 2378 4379 2985 3127	FLUOR S/N SBE43-Oxy (prim 1961) SBE43-Oxy (sec) 1875 Transmissometer PAR S/N 70296 Turbidity 2057	REMARKS										MAX. DEPTH = 87					
Nis No.	DEPTH DESIRED	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis No.		
1	BOT		589	362												1		
2	75			S90												2		
3	50			S91												3		
4	40			S92												4		
5	30			S93												5		
6	20			594												6		
7	10			S95												7		
8	0		681	596												8		
9																9		
10																10		
11																11		
12																12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 84			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
077	5502.96 N	16506.60 W			13	MAY	16	0532	6.2	82 27				88	5		111	UBN/6	
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH = 105						
PRESS SN	772	SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N 70296																	
SEC COND SI	3127	Turbidity 2057																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF			Comments			Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No.	Chloro	GFF	Duplicates		DIC							No.			
1	Bot				597											1			
2	100				598											2			
3	75				599											3			
4	50				600	X										4			
5	40				601	X										5			
6	30				602	X										6			
7	20				603	X										7			
8	10				604	363	X									8			
9	0				605	X	X									9			
10																10			
11																11			
12																12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. 85		
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt)	WEATHER TYPE	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)
78 54 59.48 N		16 51 01 W		13	MAY	16	06	56	5.9	83	27			100	6			116	UBNS	
SBE 9+	09P34480-0772	FLUOR S/N		REMARKS												MAX. DEPTH = 110				
PRESS SN	772	SBE43-Oxy (prim 1961)																		
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																		
SEC TEMP SN	4379	Transmissometer																		
PRI COND SN	2985	PAR S/N 70296																		
SEC COND SI	3127	Turbidity 2057																		
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis			
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC									No.		
1	Bot	682	606	364													1			
2	100		607														2			
3	75		608														3			
4	50		609														4			
5	40		610														5			
6	30		611														6			
7	20		612														7			
8	10		613														8			
9	0		614														9			
10																	10			
11																	11			
12																	12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 86													
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)									
079	54	56.00	N	165	28.66	W	13	MAY	16	08	11	6.0	84	28	180	2	125	UBN4											
	SBE 9+	09P34480-0772		FLUOR S/N																								MAX. DEPTH = 118	
	PRESS SN	772		SBE43-Oxy (prim 1961																									
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																									
	SEC TEMP SN	4379		Transmissometer																									
	PRI COND SN	2985		PAR S/N		70296																							
	SEC COND SI	3127		Turbidity		2057																							
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chlorophyll		EMA				UAF						Comments				Nis					
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No		Chloro>10	Chloro-GFF		Duplicates		DIC										No.						
1	BOT				615																		1						
2	100				616																		2						
3	75				617																		3						
4	50				618				✓														4						
5	40				619				✓														5						
6	30				620				✓														6						
7	20				621				✓														7						
8	10				622				✓														8						
9	0				623	x365			✓														9						
10																							10						
11																							11						
12																							12						

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. 87								
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID							
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN						
080 54	52.05 N	165 40.56 W		13	MAY	16	0943		5.7	86	27		50	6		143	UBN3								
SBE 9+	09P34480-0772	FLUOR S/N		PRESS SN	772	SBE43-Oxy (prim 1961)		PRI TEMP SN	2376	SBE43-Oxy (sec) 1875		SEC TEMP SN	4379	Transmissometer		PRI COND SN	2985	PAR S/N	70296	SEC COND SI	3127	Turbidity	2057	REMARKS	MAX. DEPTH = 140
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis								
No.	DESIRED				SALT	Nut Btl	O2-Btl No	Chloro>10	Chloro-GFF		Duplicates	DIC					No.								
1	BOT				624	x366											1								
2	100				625												2								
3	75				626												3								
4	50				627												4								
5	40				628												5								
6	30				629												6								
7	20				630												7								
8	10				631												8								
9	0	+683632															9								
10																	10								
11																	11								
12																	12								

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO. 88									
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID								
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											MIN							
0815448.72 N		16551.71 W		13	MAY	16	1047		5.6	87	27		45	8			165 UBN2									
SBE 9+	09P34480-0772		FLUOR S/N		REMARKS										MAX. DEPTH = 158											
PRESS SN	772		SBE43-Oxy (prim 1961)																							
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																							
SEC TEMP SN	4379		Transmissometer																							
PRI COND SN	2985		PAR S/N 70296																							
SEC COND SI	3127		Turbidity 2057																							
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis										
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro>10	Chloro-GFF		Duplicates	DIC							No.										
1	807			633											1											
2	100			634											2											
3	75			635											3											
4	50			636				V							4											
5	40			637				V							5											
6	30			638				V							6											
7	20			639				V							7											
8	10			640				V							8											
9	0			641 x367				V							9											
10															10											
11															11											
12															12											

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 89										
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID					
								DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)	
082 54 44 N		166 03.51 W		13 MAY 16			12 17		5.7		87	27			22	12			225	UBN1						
<input type="checkbox"/> SBE 9+ 09P34480-0772	<input type="checkbox"/> FLUOR S/N _____		<input type="checkbox"/> SBE43-Oxy (prim 1961) _____		REMARKS										<input type="checkbox"/> MAX. DEPTH = 218											
<input type="checkbox"/> PRESS SN 772	<input type="checkbox"/> SBE43-Oxy (sec) 1875 _____		<input type="checkbox"/> Transmissometer _____												<input type="checkbox"/> PAR S/N 70296 _____				<input type="checkbox"/> Turbidity 2057 _____				<input type="checkbox"/>			
<input type="checkbox"/> PRI TEMP SN 2376	<input type="checkbox"/> _____		<input type="checkbox"/> _____												<input type="checkbox"/> _____				<input type="checkbox"/> _____				<input type="checkbox"/> _____			
<input type="checkbox"/> SEC TEMP SN 4379	<input type="checkbox"/> _____		<input type="checkbox"/> _____												<input type="checkbox"/> _____				<input type="checkbox"/> _____				<input type="checkbox"/> _____			
<input type="checkbox"/> PRI COND SN 2985	<input type="checkbox"/> _____		<input type="checkbox"/> _____												<input type="checkbox"/> _____				<input type="checkbox"/> _____				<input type="checkbox"/> _____			
<input type="checkbox"/> SEC COND SI 3127	<input type="checkbox"/> _____		<input type="checkbox"/> _____												<input type="checkbox"/> _____				<input type="checkbox"/> _____				<input type="checkbox"/> _____			
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis No.										
	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates				DIC															
1	BOT	684	642	x368													1									
2	150			643													2									
3	100			644													3									
4	75			645													4									
5	50			646			283										5									
6	40			647			285										6									
7	30			648			289										7									
8	20			649			283										8									
9	10			650			279										9									
10	0			651			283										10									
11																	11									
12																	12									

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606			PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:					STATION NO. 90				
CONSC CAST #	LATITUDE		LONGITUDE						TIME (GMT)	DRY BULB	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											
	0835	4	33.82	N	166	36.53	W	13	MAY	16	1621	6.1	87	1026	54	17	423	AE5	
SBE 9+	09P34480-0772		FLUOR S/N															MAX. DEPTH = 418	
PRESS SN	772		SBE43-Oxy (prim 1961)																
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																
SEC TEMP SN	4379		Transmissometer																
PRI COND SN	2985		PAR S/N	70296															
SEC COND SI	3127		Turbidity	2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments					Nis	
No.	DESIRER	SALT	Nut.Btl	O2-Btl No	Chloro->10	Chloro-GFF		Duplicates				DIC					No.		
1	BOT				652				Large Bottles								1		
2	300				653												2		
3	150				654												3		
4	100				655												4		
5	75				656				✓ 283								5		
6	50				657				✓ 283								6		
7	40				658				✓ 283								7		
8	30				659				✓ 283								8		
9	20				660				✓ 283								9		
10	10				661				✓ 279								10		
11	0				662	369			✓ 283								11		
12																	12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO. 91			
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)		*	*	(deg)	(kts)	*	*	(m)		
084	54 26.70	N	166 29.32	W	13	MAY	16	1959	6.1	83	25	44	21			532	AEY			
SBE 9+	09P34480-0772		FLUOR S/N															MAX. DEPTH = 530		
PRESS SN	772		SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379		Transmissometer																	
PRI COND SN	2985		PAR S/N	70296																
SEC COND SI	3127		Turbidity	2057																
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis			
No.	DESIRED	SALT	Nut.Bil	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC									No.			
1	BOT			663	370															
2	300			664																
3	150			665																
4	100			666			283													
5	75			667																
6	50			668			283													
7	40			669			285													
8	30			670			289													
9	20			671			283													
10	10			672			277													
11	0			685	673		293													
12																				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise					CLAMS Event #:					STATION NO. 92						
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)			DRY BULB		Relative Humidity		Barometric pressure		SEA STATE VISIBILITY		WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)		
085	54 19.11 N	166 21.35 W			13	MAY	16	2300	5.9	8724				41	22			1035	AE3			
	SBE 9+ 09P34480-0772		FLUOR S/N																MAX. DEPTH = 100			
	PRESS SN 772		SBE43-Oxy (prim 1961																			
	PRI TEMP SN 2376		SBE43-Oxy (sec) 1875																			
	SEC TEMP ST 4379		Transmissometer																			
	PRI COND SN 2985		PAR S/N 70296																			
	SEC COND ST 3127		Turbidity 2057																			
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments					Nis				
No.	DESIRED	SALT	Nut Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates				DIC							No.				
1	BOT				674													1				
2	500				675													2				
3	250				676													3				
4	100				677			283										4				
5	75				678													5				
6	50				679			283										6				
7	40				680			285										7				
8	30				681			289										8				
9	20				682			283										9				
10	10				683			279										10				
11	0				684	371		283										11				
12																		12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:					STATION NO. 93				
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY (deg)	WIND DIRN. (kts)	WIND SPD. (kts)	CLOUD /amt TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR											
086 54 14.05 N		166 16.13 W		14	MAY	16	0208		6.0	95	22		58	20		652	AE 2	MAX. DEPTH = 642	
<input type="checkbox"/> SBE 9+	09P34480-0772	<input type="checkbox"/> FLUOR S/N	REMARKS																
<input type="checkbox"/> PRESS SN	772	<input type="checkbox"/> SBE43-Oxy (prim 1961)																	
<input type="checkbox"/> PRI TEMP SN	2376	<input type="checkbox"/> SBE43-Oxy (sec) 1875																	
<input type="checkbox"/> SEC TEMP SN	4379	<input type="checkbox"/> Transmissometer																	
<input type="checkbox"/> PRI COND SN	2985	<input type="checkbox"/> PAR S/N															70296		
<input type="checkbox"/> SEC COND SI	3127	<input type="checkbox"/> Turbidity															2057		
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments			Nis			
No	DESIRED	SALT	Nut.Bil	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC							No.				
1	BOT		686	685	372											1			
2	500			686												2			
3	250			687												3			
4	100			688	←											4			
5	75			689												5			
6	50			690												6			
7	40			691												7			
8	30			692												8			
9	20			693												9			
10	10			694												10			
11	0			695												11			
12																12			

SST=

SSSal=

TSG Chl Sample:

VESSEL		CRUISE DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.				
NOAAS OSCAR DYSON		DY1606																94		
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	*	*	(deg)	(kts)	*	*	(m)		
087	54 09 . 97 N	166 14 . 40 W			14	MAY	16	03	10	6.0	96	21		42	21			123	AE1	
SBE 9+	09P34480-0772	FLUOR S/N			PRESS SN	772	SBE43-Oxy (prim 1961)												MAX. DEPTH = 114	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875			SEC TEMP SN	4379	Transmissometer													
PRI COND SN	2985	PAR S/N	70296		SEC COND SI	3127	Turbidity	2057												
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis		
No.	DESIRER		SALT	Nut. Btl	O2-Btl.No		Chloro->10	Chloro-GFF	Duplicates			DIC						No.		
1	BOT			696				Large Bottles										1		
2	100			697														2		
3	75			698														3		
4	50			699				✓										4		
5	40			700				✓										5		
6	30			701				✓										6		
7	20			702				✓										7		
8	10			703				✓										8		
9	0			704	373			✓										9		
10																		10		
11																		11		
12																		12		

SST=

SSSal=

TSG Chl Sample:

O₂
681
547

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.												
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID									
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	(m)											
	.	N	.	W	M A Y 1 6				.																				
	SBE 9+	09P34480-0772		FLUOR S/N	REMARKS														MAX. DEPTH =										
	PRESS SN	772		SBE43-Oxy (prim 1961)																									
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																									
	SEC TEMP SN	4379		Transmissometer																									
	PRI COND SN	2985		PAR S/N											70298														
	SEC COND SN	3127		Turbidity											2057														
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments				Nis													
No.	DESiRED			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC					No.														
1																1													
2																2													
3																3													
4																4													
5																5													
6																6													
7																7													
8																8													
9																9													
10																10													
11																11													
12																12													

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.					
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD (kts)	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	*	*	*	(m)		
	.	N	.	W	M A Y 1 6							
<input type="checkbox"/> SBE 9+	09P34480-0772	<input type="checkbox"/> FLUOR S/N _____		REMARKS										MAX DEPTH =							
<input type="checkbox"/> PRESS SN	772	<input type="checkbox"/> SBE43-Oxy (prim 1961)																			
<input type="checkbox"/> PRI TEMP SN	2376	<input type="checkbox"/> SBE43-Oxy (sec) 1875																			
<input type="checkbox"/> SEC TEMP SN	4379	<input type="checkbox"/> Transmissometer																			
<input type="checkbox"/> PRI COND SN	2985	<input type="checkbox"/> PAR S/N 70296																			
<input type="checkbox"/> SEC COND ST	3127	<input type="checkbox"/> Turbidity 2057																			
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF	Comments						Nis No.			
No.	DESIRED	SALT	Nut. Btl	O2-Btl. No	Chloro->10	Chloro-GFF	Duplicates	DIC													
1																					1
2																					2
3																					3
4																					4
5																					5
6																					6
7																					7
8																					8
9																					9
10																					10
11																					11
12																					12

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.										
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID						
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)								
		N	.	W	M A Y 1 6					.																	
SBE 9+	09P34480-0772		FLUOR S/N	REMARKS														MAX. DEPTH =									
PRESS SN	772		SBE43-Oxy (prim 1961)																								
PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																								
SEC TEMP SM	4379		Transmissometer																								
PRI COND SN	2985		PAR S/N											70296													
SEC COND SI	3127		Turbidity											2057													
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis										
No.	DESIRED	SALT	Nut Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates			DIC							No.										
1																	1										
2																	2										
3																	3										
4																	4										
5																	5										
6																	6										
7																	7										
8																	8										
9																	9										
10																	10										
11																	11										
12																	12										

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.			
CONSC CAST #									TIME (GMT)	DRY BULB	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO												
	.	N	.	W		M	A	Y	1	6	.									
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS										MAX. DEPTH =							
PRESS SN	772	SBE43-Oxy (prim 1961)																		
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																		
SEC TEMP SN	4379	Transmissometer																		
PRI COND SN	2985	PAR S/N 70296																		
SEC COND SI	3127	Turbidity 2057																		
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis			
No.	DESIRED	SALT	Nut. Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates		DIC							No.				
1																1				
2																2				
3																3				
4																4				
5																5				
6																6				
7																7				
8																8				
9																9				
10																10				
11																11				
12																12				

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise						CLAMS Event #:					STATION NO.			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)	
	.	N	.	W	M A Y 1 6				.											
SBE 9+	09P34480-0772	FLUOR S/N												REMARKS					MAX. DEPTH =	
PRESS SN	772	SBE43-Oxy (prim 1961)																		
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																		
SEC TEMP SN	4379	Transmissometer																		
PRI COND SN	2985	PAR S/N 70296																		
SEC COND SI	3127	Turbidity 2057																		
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments					Nis		
No.	DESIRER			SALT	Nut. Btl	O2-Btl No	Chloro->10	Chloro-GFF		Duplicates	DIC							No		
1																		1		
2																		2		
3																		3		
4																		4		
5																		5		
6																		6		
7																		7		
8																		8		
9																		9		
10																		10		
11																		11		
12																		12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.						
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)				DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)			
	. N		. W		M A Y 1 6				.													
	SBE 9+	09P34480-0772		FLUOR S/N											REMARKS						MAX DEPTH =	
	PRESS SN	772		SBE43-Oxy (prim 1961)																		
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																		
	SEC TEMP SN	4379		Transmissometer																		
	PRI COND SN	2985		PAR S/N	70296																	
	SEC COND SI	3127		Turbidity	2057																	
Ns No.	DEPTH	Rosette Notes		Hydro Team-PMEI			Chlorophyll	EMA			UAF		Comments						Ns No.			
	DESIRER			SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF		Duplicates	DIC											
1																			1			
2																			2			
3																			3			
4																			4			
5																			5			
6																			6			
7																			7			
8																			8			
9																			9			
10																			10			
11																			11			
12																			12			

SST=

SSSal=

TSG Chl Sample:

VESSEL			CRUISE DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.			
NOAAS OSCAR DYSON			DY1606																	
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	*	*	*	(m)	
		N	.	W	M	A	Y	1	6											
	SBE 9+	09P34480-0772		FLUOR S/N															MAX. DEPTH =	
	PRESS SN	772		SBE43-Oxy (prim 1961																
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																
	SEC TEMP SN	4379		Transmissometer																
	PRI COND SN	2985		PAR S/N	70296															
	SEC COND SI	3127		Turbidity	2057															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF				Comments			Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC										No.		
1																		1		
2																		2		
3																		3		
4																		4		
5																		5		
6																		6		
7																		7		
8																		8		
9																		9		
10																		10		
11																		11		
12																		12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO			
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	(m)
	.	N	.	W	M A Y 1 6				.										
SBE 9+	09P34480-0772	FLUOR S/N	REMARKS												MAX. DEPTH =				
PRESS SN	772	SBE43-Oxy (prim 1961)																	
PRI TEMP SN	2376	SBE43-Oxy (sec) 1875																	
SEC TEMP SN	4379	Transmissometer																	
PRI COND SN	2985	PAR S/N 70296																	
SEC COND SI	3127	Turbidity 2057																	
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chlorophyll	EMA			UAF		Comments				Nis No.		
DESIR		SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC											
1																	1		
2																	2		
3																	3		
4																	4		
5																	5		
6																	6		
7																	7		
8																	8		
9																	9		
10																	10		
11																	11		
12																	12		

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON		CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:						STATION NO.					
CONSC CAST #	LATITUDE		LONGITUDE						TIME (GMT)	DRY BULB	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID	
					DEG	MIN	DEG	MIN													DAY
					N				W				M A Y 1 6								
	SBE 9+ 09P34480-0772				FLUOR S/N _____				SBE43-Oxy (prim 1961)				REMARKS								MAX. DEPTH =
	PRESS SN 772				SBE43-Oxy (sec) 1875				Transmissometer												
	PRI TEMP SN 2376				PAR S/N 70296																
	SEC TEMP SN 4379				Turbidity 2057																
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chlorophyll	EMA				UAF		Comments				Nis		
No.	DESIRED			SALT	Nut.Btl	O2-Btl.No		Chloro->10	Chloro-GFF		Duplicates		DIC						No.		
1																		1			
2																		2			
3																		3			
4																		4			
5																		5			
6																		6			
7																		7			
8																		8			
9																		9			
10																		10			
11																		11			
12																		12			

SST=

SSSal=

TSG Chl Sample:

VESSEL NOAAS OSCAR DYSON			CRUISE DY1606 DY1606				PROJECT & LEG Eco-FOCI 2016 Spring Mooring Cruise				CLAMS Event #:							STATION NO.		
CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)		DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
		DEG	MIN		DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*
	.	N	.	W		M A Y	1	6		.										
	SBE 9+	09P34480-0772		FLUOR S/N																MAX. DEPTH =
	PRESS SN	772		SBE43-Oxy (prim 1961																
	PRI TEMP SN	2376		SBE43-Oxy (sec) 1875																
	SEC TEMP SN	4379		Transmissometer																
	PRI COND SN	2985		PAR S/N	70296															
	SEC COND SI	3127		Turbidity	2057															
Nis	DEPTH	Rosette Notes			Hydro Team-PMEL			Chlorophyll	EMA			UAF				Comments			Nis	
No.	DESIRED				SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	DIC								No.	
1																			1	
2																			2	
3																			3	
4																			4	
5																			5	
6																			6	
7																			7	
8																			8	
9																			9	
10																			10	
11																			11	
12																			12	

SST=

SSSal=

TSG Chl Sample: