EcoFOCI Salinity Analysis Data Sheet

Salinometer ID

Cruise:	Salt Case ID:	Analyst:	*Analysis Date/Time(GMT):*
Standard Batch #	*K15 std:*	*2Rt std(a):*	*2Rt std(b):* *Bath Temp:*
General Comments:			*Sample Temp:*

	Cast	Niskin	Sample Btl. ID	2Rt (a)	2Rt (b)	2Rt (c)	2Rt (d)	2Rt (Aver.)	Salinity	Comment
1	1	1	290							
2	5	7	291							
3	10	1	292							
4	14	7	293							
5	18	1	294							
6	24	7	295							
7	30	1	296							
8	34	8	181							
9	38	1	184							
10	42	9	185							
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

Notes

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	Clams event #1	001

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	Baro (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
001	54	59.92	N	165	00.04	W	06	SEP	15	16	32	10.3	9	0.0	18			283	13				103	001

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 97 m

Transmissometer off at 600 m

Inadvertently tripped two bottles at Bottom

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot		290	943	233								1
2	Bot			944									2
3	75			945									3
4	50			946			X		X GFF			Chl volume 250ml unless otherwise indicated.	4
5	40			947			X						5
6	30			948			X					0-30m pink tinge	6
7	20			949		X	X		X >10				7
8	10			950		X	X						8
9	0			951			X						9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMSEVENT = 5	02

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	Ever 2 STA. NAME/ID
02	55	30.04 N	165	00.06 W	06	SEP	15	23	26	10.9	85.	19			214	6				107	181

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS: Transmissometer off at 600 m

MAX. DEPTH = m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			952									1
2	75			953									2
3	50			954			X						3
4	40			955			X						4
5	30			956			X						5
6	20			957		X	X						6
7	10			958		X	X						7
8	0			959	243		X						8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample: Inline 250 GFF

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS EVENT = 9	3

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	PRESS (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
03	55	29.91	N	164	00.10	W	07	SEP	15	06	17	11.	.	1018.5			068	01				912	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 57 m

Transmissometer off at 600 m

slight offset on oxygens

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			960	264								1
2	75			961									2
3	60			962									3
4	50			963									4
5	40			964									5
6	30			965									6
7	20			966									7
8	10			967									8
9	0			968									9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey		4

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	(mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
004	55	30.07	N	162	59.90	W	08	SEP	15	09	06	10.7	8.8				249	13				44	4

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS 1007.3

Transmissometer off at 600 m

Slight separation on oxygens

MAX. DEPTH = 39 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			969									1
2	30			970									2
3	20			971									3
4	10			972									4
5	0			973	266								5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CTAMS EVENT 16	5

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	BARO (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
005	56	00.13	N	162	59.66	W	08	SEP	15	15	03	10.8	82.	04			045	13				86	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 80 m

Transmissometer off at 600 m
Thermocline @ 30 m
jelly? in #2 @ 32 m
Something in Turbi on way up

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			974	269								1
2	50			975			X		X GFF				2
3	40			976			X						3
4	30			977			X						4
5	20			978		X	X						5
6	10			979		X	X		X 7/0				6
7	0		291	980			X						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS EVENT 19	6

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	WET BULB (RH)	Baro	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)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
06	55	59.73 N	162	00.55 W	08	SEP	15	21	00	10.6	87.0	03			236	14				55	06

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 48 m

Transmissometer off at 600 m Oxygens have offset reddish organic matter on chl filters - every depth

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			982									1
2	40			983			X						2
3	30			984			X						3
4	20			985		X	X						4
5	10			986		X	X						5
6	0			987	270		X						6
7													7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample: Inline GFF 2.47 mg/l

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAM Event #: 22	7

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ Pressure (mb)	RH (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
07	56	30.07	N	161	59.34	W	09	SEP	15	01	53	12.	1000	78			204	02				71	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 66 m

Transmissometer off at 600 m

Slight separation on O_2

Primary Sal spike @ 50m

2nd spike @ 40m, upcast not good due to jellies

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			987	272							1
2	50			988			X					2
3	40			989			X					3
4	30			990			X					4
5	20			991		X	X					5
6	10			992		X	X					6
7	0			993			X					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	chlams event 25	8

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB ~~(°C)~~	RH ~~(mb)~~	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)*	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
008	57	00.20	N	161	59.56	W	09	SEP	15	1630		10.6	9.9	80			169	5				56	8

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 60 m

Transmissometer off at 600 m Separation on oxy

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			994			X					1
2	40			995			X					2
3	30			996			X					3
4	20			997			X	X				4
5	10			998			X	X				5
6	0			999	273		X					6
7												7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey		009

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	D WET BULB ~~(°C)~~	RH ~~(mb)~~	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
009	57	29.90	N	162	00.05	W	09	SEP	15	10	52	10.2	9.5	81			092	13				46	9

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 42 m

Transmissometer off at 600 m

Spike near surface prob. due to jellies

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1000	276	X					X		1
2	30			1001		X							2
3	20			1002		X			X		X		3
4	10			1003		X			X				4
5	0			1004		X					X		5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event 31	10

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
010	56	29.88	N	163	00.02	W	09	SEP	15	18	35	10.5	79.	91			7	17				79	10

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 73 m

Transmissometer off at 600 m

Good cast to calculate O2 time delay, strong thermocline. Jellyfish in surface Nislen - #7 - Kristen collected it for her study :)

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot		292	1005									1
2	50			1006			X		X GFF				2
3	40			1007			X						3
4	30			1008			X						4
5	20			1009		X	X						5
6	10			1010	278	X	X		X 710				6
7	0			1011			X						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample: Inline 2.21 mg/m GFF

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey		11

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID 11
	57	00.06	N	163	00.23	W	09	SEP	15	23	31	.	88.	88			3	23				62	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Strong thermocline @ 20 m.

MAX. DEPTH = 54 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1012	305								1
2	40			1013									2
3	30			1014									3
4	20			1015									4
5	10			1016									5
6	0			1017									6
7													7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	Clams event 37	12

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ P (°C)	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
012	57	29.90	N	162	59.94	W	10	SEP	15	0409		11.2	9.5	87			014	27				49	12

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Windy

MAX. DEPTH = 43 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1018								1
2	30			1019								2
3	20			1020								3
4	10			1021								4
5	0			1022	307							5
6												6
7												7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	Clarence Head 40	13

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
013	57	29.87	N	163	59.80	W	10	SEP	15	08	39	11.2	9.8	88			343	24				50	13

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 44 m

Transmissometer off at 600 m

1st bottle tripped slightly above bottom

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1023	308								1
2	30			1024									2
3	20			1025									3
4	10			1026									4
5	0			1027									5
6													6
7													7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event 43	14

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	RH ~~WET BULB~~ (°C)	~~RH Carry~~ (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
01	56	59.95 N	164	00.26 W	10	SEP	15	13	00	10.3	89.	88			332	22				69	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Therm @ 30 m

MAX. DEPTH = 59 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1028										1
2	50			1029			X							2
3	40			1030			X							3
4	30			1031			X							4
5	20			1032		X	X							5
6	10			1033		X	X							6
7	0		293	1634	309		X							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event # 416	15

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	WET BULB	RH	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)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
15	56	29.83 N	164	00.65 W	10	SEP	15	21	12	10.7	8.2	912			325	21				82	15

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS: Transmissometer off at 600 m

MAX. DEPTH = 93 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1035	311								1
2	50			1036			X		X 616				2
3	40			1037			X						3
4	30			1038			X						4
5	20			1039		X	X		X 710				5
6	10			1040		X	X						6
7	0			1041			X						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample: TSG Inline GFF

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event # 49	16

CONSC CAST #	LATITUDE	LONGITUDE		TIME (GMT)	DRY BULB	~~WET BULB~~ RH	BPr	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)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
16	55 59.36 N	163 59.13 W	11 SEP 15	01 51	10.	79.	95			318	22				90	16

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Primary C clog @ 50m

MAX. DEPTH = 85 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1042									1
2	75			1043									2
3	50			1044									3
4	40			1045									4
5	30			1046									5
6	20			1047									6
7	10			1048									7
8	0			1049	312								8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	Cruise event 52	17

CONSC CAST #	LATITUDE			LONGITUDE				TIME (GMT)		DRY BULB	WET BULB	P	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)	(°C)	(mb)	•	•	(deg)	(kts)	•	•	•	(m)	
017	55	59.78	N	164	59.87	W	11 SEP 15	06	52	9.2	7.5	98			290	18				93	17

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS: Transmissometer off at 600 m; lots of heaving/seas from seas

MAX. DEPTH = 88 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BST			1050	*313								1
2	75			1052									2
3	50			1053									3
4	40			1054									4
5	30			1055									5
6	20			1056									6
7	10			1057									7
8	0			1058									8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event # 55	18

CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	WET BULB	RH	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)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
1	56 29.87	N	165 00.19	W	11 SEP 15	12	09	9.6	8 2.	02			350	22				80	18

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 70 m

Transmissometer off at 600 m
1° S got something in it off the bottom
Seas are rough
1° S useless on upcast

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot		294	1058									1
2	50			1059									2
3	40			1060									3
4	30			1061									4
5	20			1062									5
6	10			1063									6
7	0			1064	314								7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CIAMS Event 58	19

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	WET BULB (°C)	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
19	59	59.83	N	164	59.83	W	11	SEP	15	17	03	8.9	6 8.	06			325	18				72	19

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 59 m

Transmissometer off at 600 m

High Turbidity but Low fluorescence

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1065	315								1
2	50			1066			X		X DEEP				2
3	40			1067			X						3
4	30			1068			X						4
5	20			1069		X	X		X 7/10				5
6	10			1070		X	X					Cocco Sample	6
7	0			1071			X					Cocco Samples	7
8													8
9													9
10													10
11													11
12													12

SST=

SSSal=

TSG Chl Sample: Inline GFF

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event: 61	20

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH WET BULB	Baro RH	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	20 STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
20	57	29.92 N	160	00.71 W	11	SEP	15	22	21	8.6	7.0	12			351	20				64	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS: Transmissometer off at 600 m

MAX. DEPTH = 60 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1071										1
2	50			1073			X							2
3	40			1074			X							3
4	30			1075			X							4
5	20			1076		X	X							5
6	10			1077		X	X							6
7	0			1078	316		X							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	21

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
21	57	59.91	N	165	00.12	W	12	SEP	15	0307		8.0	65.	15			334	24				45	21

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 41 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1079	317	X								1
2	30			1080		X								2
3	20			1681		X			X					3
4	10			1682		X			X					4
5	0			1083		X								5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 67	22

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
22	57	59.81	N	165	59.84	W	12	SEP	15	07	10	8.	68.	20			294	17				55	22

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 50 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1084		X								1
2	40			1085		X								2
3	30			1086		X								3
4	20			1087		X			X					4
5	10			1088		X			X				Localized bpior sample	5
6	0			1089	x 318	X								6
7														7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 70	23

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
23	57	29.93	N	165	59.93	W	12	SEP	15	1057		8.4	67	23			296	15				64	23

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 57 m

Transmissometer off at 600 m

Primary Chspike @surface

Coccolithophore bloom above thermocline

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	57			1090	319		X					P		1
2	40			1091			X							2
3	30			1092			X							3
4	20			1093		X	X					P		4
5	10			1094		X	X					X	coccolithophore	5
6	0			1095			X					PX	" "	6
7														7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

P= Paquin Sample

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 73	24

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
24	59	59.89 N	166	00.15 W	12	SEP	15	15	14	9.0	70.	25			290	11				73	24

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Very high [Cocco]

MAX. DEPTH = 66 m

Highest readings seen so far on TSG - very opaque milky water

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1096										1
2	50			1097			X							2
3	40			1098			X							3
4	30			1099			X							4
5	20			1100		X	X							5
6	10			1101		X	X							6
7	0		295	1102	320		X						500ml coccosimple	7
8														8
9														9
10														10
11														11
12														12

SST=

SSSal=

TSG Chl Sample: TSG Inline GFF
8.91 mg/l/cast

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 76	25

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)	25
25	56	59 .72 N	166	59 .79 W	12	SEP	15	19	39	9.2	81.	27			246	13				74	

	SBE 9+		FLUOR S/N 2957
	PRESS SN 772		SBE43-Oxy (prim 161
	PRI TEMP SN 2376		SBE43-Oxy (sec) 1876
	SEC TEMP SN 4379		Transmissometer CST 690PR
	PRI COND SN 2985		PAR S/N 70296
	SEC COND SN 3127		Turbidity 2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 67 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1103	321								1
2	50			1104				X	X GFF				2
3	40			1105				X					3
4	30			1106				X					4
5	20			1107		X		X	X >10				5
6	10			1108		X		X					6
7	0			1109				X					7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 79	26

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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 26
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
26	57	29.89	N	166	59.93	W	12	SEP	15	23	53	9.9	80.	26			248	18				70	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 62 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1110			X							1
2	50			1111			X							2
3	40			1112			X							3
4	30			1113			X							4
5	20			1114		X	X							5
6	10			1115		X	X							6
7	0			1116	322		X							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 82	27

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
27	58	00.05	N	166	59.80	W	13	SEP	15	0358		9.9	89.	25			234	23				62	27

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 58 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1117	323								1
2	50			1118			X						2
3	40			1119			X						3
4	30			1120			X						4
5	20			1121		X	X						5
6	10			1122		X	X					coccolithophore	6
7	0			1123			X					coccolithophore	7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 85	28

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
028	58	29.90	N	166	59.64	W	13	SEP	15	07	56	9.6	90.	24			232	19				44	28

MAX. DEPTH = 38 m

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1124			X							1
2	30			1125			X							2
3	20			1126		X	X							3
4	10			1127		X	X							4
5	0			1128	374		X							5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 88	29

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)	
029	58	29.92 N	167	59.76 W	13	SEP	15	1230		9.2	92.	22			227	21				54	29

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 47 m

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1129	325							X		1
2	30			1130			X		X GFF					2
3	20			1131		X	X		X >10			X		3
4	10			1132		X	X							4
5	0			1133			X							5
6												X		6
7														7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	30

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
30	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
30	57	59.72N	167	59.82W	14	SEP	15	17	38	9.5	92.	11			271					69	

	SBE 9+		FLUOR S/N 2957
	PRESS SN 772		SBE43-Oxy (prim 161
	PRI TEMP SN 2376		SBE43-Oxy (sec) 1876
	SEC TEMP SN 4379		Transmissometer CST 690PR
	PRI COND SN 2985		PAR S/N 70296
	SEC COND SN 3127		Turbidity 2957

REMARKS

Transmissometer off at 600 m

Rough Seas

MAX. DEPTH = 58 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot		296	1134										1
2	50			1135			X							2
3	40			1136			X							3
4	30			1137			X							4
5	20			1138		X	X							5
6	10			1139		X	X							6
7	0			1140	326		X							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample: TSG Inline GFF

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	31

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)	
31	57	29.78 N	168	00.01 W	14	SEP	15	21	48	8.5	94.	13			284	19				71	31

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Surface T= 8.6°C @ Depth = 4.4°C

MAX. DEPTH = 65 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1141										1
2	50			1142			X		X GFF					2
3	40			1143			X							3
4	30			1144			X							4
5	20			1145		X	X		X >10					5
6	10			1146		X	X							6
7	0			1147	327		X							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 97	32

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)	
32	56	59.95 N	168	00.41 W	15	SEP	15	02	01	8.3	97.	13			286	18				78	32

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 72 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1148	376									1
2	50			1149			X							2
3	40			1150			X							3
4	30			1151			X							4
5	20			1152		X	X							5
6	10			1153		X	X							6
7	0			1154			X							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 100	33

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
33	56	29.87	N	167	59.60	W	15	SEP	15	0640		9.3	97.	13			271	16				116	33

MAX. DEPTH = 112 m

	SBE 9+		FLUOR S/N 2957
	PRESS SN 772		SBE43-Oxy (prim 161
	PRI TEMP SN 2376		SBE43-Oxy (sec) 1876
	SEC TEMP SN 4379		Transmissometer CST 690PR
	PRI COND SN 2985		PAR S/N 70296
	SEC COND SN 3127		Turbidity 2957

REMARKS

Transmissometer off at 600 m

spikes at 38m on C

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1155									1
2	100			1156									2
3	75			1157									3
4	50			1158			x						4
5	40			1159			x						5
6	30			1160			x						6
7	20			1161		x	x						7
8	10			1162		x	x						8
9	0			1165	069		x					Note bottle out of sequence	9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 104	34

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
34	56	29.81 N		166	59.97W		15	SEP	15	1247		9.8	97.	09			263	14				105	34

	SBE 9+		FLUOR S/N 2957
	PRESS SN 772		SBE43-Oxy (prim 161
	PRI TEMP SN 2376		SBE43-Oxy (sec) 1876
	SEC TEMP SN 4379		Transmissometer CST 690PR
	PRI COND SN 2985		PAR S/N 70296
	SEC COND SN 3127		Turbidity 2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 97 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1164	088								1
2	75			1165									2
3	50			1166			X		X GFF				3
4	40			1167			X						4
5	30			1168			X						5
6	20			1169		X	X						6
7	10			1170		X	X						7
8	0		181	1171			X					Sal in Nedbox	8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 108	35

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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 35
35	56	29 .93	N	165	59 .61	W	15	SEP	15	1835		9.5	95	08			301	13				87	35

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 81 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1172									1
2	75			1173									2
3	50			1174			X						3
4	40			1175			X						4
5	30			1176			X						5
6	20			1177		X	X		X >10				6
7	10			1178		X	X						7
8	0			1179	091		X						8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample: TSG. Inline GFF

1.98 mg/l/cast - green detritus on filter

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 111	36

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	36 STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
36	55	59.91 N	166	00.02 W	16	SEP	15	0024		9.5	93.	11			303	19				113	36

MAX. DEPTH = 108 m

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1180	102								1
2	100			1181									2
3	75			1182									3
4	50			1183			X						4
5	40			1184			X						5
6	30			1185			X						6
7	20			1186		X	X						7
8	10			1187		X	X						8
9	0			1188			X						9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 115	37

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
37	55	30.02 N		166	00.01 W		16	SEP	15	06	36	9.2	94.	12			284	13				120	37

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m
2nd C bad until around 15 m on downcast
b/c of jellyfish

MAX. DEPTH = 115 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1189										1
2	100			1190										2
3	75			1191										3
4	50			1192			X							4
5	40			1193			X							5
6	30			1194			X							6
7	20			1195		X	X							7
8	10			1196		X	X							8
9	0			1197	127		X							9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 119	38

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
	38	54 59.71	N	166	06 .17	W	16	SEP	15	11	59	8.5	95.	11			247	18				137	38

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

2° Salinity + 2° O_2 are screwy at the surface, pump issue?

MAX. DEPTH = 130 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT		184	1198	144									1
2	100			1199										2
3	75			1200										3
4	50			1201			X		X GFF					4
5	40			1202			X							5
6	30			1203			X							6
7	20			1204		X	X		X >10					7
8	10			1205		X	X							8
9	0			1206			X							9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	39

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
39	54	59 . 87 N	165	59 . 73 W	16	SEP	15	1800		9.6	94.	07			292	20				160	

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 153 m

Something screwy w/ 2° S + O2, fix between stations. Top 2 metes of S are bad, then they get together. Diffs for O2 but takes 40m

Okay upcast

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1207										1
2	100			1208										2
3	75			1209										3
4	50			1210			X							4
5	40			1211			X							5
6	30			1212			X							6
7	20			1213		X	X							7
8	10			1214		X	X							8
9	0			1215	147		X							9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample: TSG inline GFF

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSC	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	40

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)	
40	55	30.61 N	167	00.42 W	17	SEP	15	0024		10.6	84.	06			299	17				135	40

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SI	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 129 m

Transmissometer off at 600 m
Problem with 2nd C fixed Hole in vent plugged. was cleaned.

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1216	166									1
2	100			1217										2
3	75			1218										3
4	50			1219										4
5	40			1220										5
6	30			1221										6
7	20			1222										7
8	10			1223										8
9	0			1224										9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 131	41

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
41	55	60.00 N	166	59.96 W	17	SEP	15	06	07	8.4	69.	06			356	15				133	41

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 127 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1225									1
2	100			1226									2
3	75			1227									3
4	50			1228			X						4
5	40			1229			X						5
6	30			1230			X						6
7	20			1231		X	X						7
8	10			1232		X	X						8
9	0			1233	179		X						9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	42

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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
42	56	00.04 N	168	0D.49 W	17	SEP	15	1203		7.0	78.	08			321	16				139	42

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 131 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot			1234	190								1
2	100			1235									2
3	75			1236									3
4	50			1237			X		X GFF				4
5	40			1238			X						5
6	30			1239			X						6
7	20			1240		X	X						7
8	10			1241		X	X		X >10				8
9	0		185	1242			X						9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 139	43

CONSC CAST #	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	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 43
	43	55 59.70 N	169 00.66 W		17	SEP	15	18	01	7.8	73.	08			328	15				1230	43

SBE 9+		FLUOR S/N	2957
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2376	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296
SEC COND SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 999 m

Transmissometer off at 600 m

Winch 30m/min 0-200m, 40/min >200

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	Bot			1243	208									1
2	500			1244	212									2
3	200			1245										3
4	100			1246										4
5	75			1247										5
6	50			1248			X							6
7	40			1249			X							7
8	30			1250			X							8
9	20			1251		X	X							9
10	10			1252		X	X							10
11	0			1253			X							11
12														12

SST=

SSSal=

TSG Chl Sample: TSG Inline GFF 2.46 mg/l/cal