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~~ RH (°C)	~~Baro~~ (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID 001
001	54	59.92	N	165	00.04	W	06	SEP	15	16	32	10.3	90.0	18			283	13				103	

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	CLAMS EVENT = 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~~ RH (°C)	RH Baro (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	MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	~~Bar~~ (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				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

Slight offset on oxygens

MAX. DEPTH = 57 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			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	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

MAX. DEPTH = 39 m

Transmissometer off at 600 m

Slight separation 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			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	CIAMS EVENT 16	5

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)	
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 SN	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 >10				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 DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	HR	MIN	TIME (GMT)	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 06
06	65	59.73	N	162	00.55	W	08	SEP	15	21	00	10.6	87.0	03				236	14				55	

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	CLAMFVent: 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 (°C)~~ Pressure mb	RH (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID 7
07	56	30.07	N	161	59.34	W	09	SEP	15	01	53	12.	1000.0	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 SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 66 m

Transmissometer off at 600 m

Slight separation on O_2
Primary Sal spike @ 50 m
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)	P ~~WET BULB~~ mb ~~(°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	06	30	10.6	999	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

Transmissometer off at 600 m Seperation on oxy

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			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	57	10.2	9.7.5	81			082	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 SN	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)	RH ~~WET BULB~~ (°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	79.9	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 Nislyn - #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 7/15				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
11	57	00.06	N	163	00.23	W	09	SEP	15	23	31	.	88.8	88			323					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 SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 54 m

Transmissometer off at 600 m

Strong thermocline @ 20 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)	P ~~WET BULB~~ (°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	04	09	11.2	9.86.5	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 SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 43 m

Transmissometer off at 600 m

Windy

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	Clams 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)~~ P	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	0839		11.2	988.5	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	MIN	DRY BULB (°C)	RH ~~WET BULB~~ (°C)	~~RH~~ Dew (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
01	45659.95		N	16400.26		W		10	SEP	15	1300		10.3	89.8				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 SN	3127	Turbidity	2957

REMARKS

MAX. DEPTH = 59 m

Transmissometer off at 600 m

Thermo @ 30 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	1034	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 DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN			DAY	MO	YR	TIME (GMT) HR	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 15
	15	56.29.83	N	164	00.65	W		10	SEP	15	21	12	10.7	82.9	2			325	21				82	

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 = 73 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 66				2
3	40			1037			X					3
4	30			1038			X					4
5	20			1039		X	X	X 110				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.
NOASHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event # 49	16

CONSC CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN			DAY	MO	YR	TIME (GMT) HR	MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	~~BAR~~ P (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
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

MAX. DEPTH = 85 m

Transmissometer off at 600 m

Primary C clog @ 50m

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	Chums event 52	17

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 ~~P~~ (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
017	55	59.78	N	164	59.87	W	11	SEP	15	06	52	9.2	75.	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

MAX. DEPTH = 88 m

Transmissometer off at 600 m

Lots of heaving/oops from seas

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 DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	~~RH~~ Chloro (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID 18
	18	5629.87	N	165	00.19	W	11	SEP	15	12	09	9.6	82.	02			350	22				80	

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 = 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	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 GFF				2
3	40			1067			X						3
4	30			1068			X						4
5	20			1069		X	X		X >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 DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		DAY	MO	YR	TIME (GMT) HR	TIME (GMT) MIN	DRY BULB (°C)	~~WET BULB~~ RH (°C)	Baro ~~RH~~ (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	20 STA. NAME/ID
20	57	29.92	N	160	00.71	W	11	SEP	15	22	21	8.6	70.	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			1072									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	03	07	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			1081		x		x				3
4	10			1082		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 SI	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			Location for sample	5
6	0			1089	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	10	57	8.4	63	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 SN 3127		Turbidity 2957

REMARKS

Transmissometer off at 600 m

Primary C spike @surface
Coccolithophore bloom above thermocline

MAX. DEPTH = 57 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	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 [Coccos]

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

MAX. DEPTH = 66 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			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/cnt

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

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 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
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	324		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 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
029	58	29.92	N	167	59.76	W	13	SEP	15	12	30	9.2	92.	22			227	21				541	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 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
30																					30
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 (prir	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

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

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

spike at 38m on C

MAX. DEPTH = 112 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			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	59.97	W	15	SEP	15	12	47	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	18	35	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 µg/l/cnt - 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 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 36
36	55	59.91	N	166	00.02	W	16	SEP	15	00	24	9.5	93.	11			303	19				113	36

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 = 108 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	18	00	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

Something screwy w/ 2° S + O_2, fix between stations. Top 12 meters of S are bad, then they get together. Diffs for O_2 but takes 40m OK at upcast

MAX. DEPTH = 153 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			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 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
40	55	30.01	N	167	00.42	W	17	SEP	15	00	24	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

Transmissometer off at 600 m

Problem wit 2nd C fixed. Hole in vent plugged. was cleaned.

MAX. DEPTH = 129 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			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	00.49	W	17	SEP	15	12	03	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