VESSEL	CRUISE	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 146	M2-S

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)	45 STA. NAME/ID
45	56	40.03 N	163	51.86 W	24	SEP	15	12	54	9.2	95.	17			306	18				76	M2-S

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 Start Leg 2 BASIS Survey /
Transmissometer off at 600 m 70m Isobath
* First cast with updated cal for P
First 70m line cast M-2-South

MAX. DEPTH = 71 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMK~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	30T		071	1263	233								1
2	50			1264			283						2
3	40			1265			285						3
4	30			1266			289						4
5	20			1267			283						5
6	10			1268			279						6
7	0			1269			283						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 DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 148	M2

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
46	56	51.24	N	164	09.30	W	29	SEP	15	15	57	9.1	93.	16			297	23				67	70M2

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

M2 - By Moorings

No 10m water Samples

MAX. DEPTH = 72 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10"	Chloro-GFF 1/61	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1270	243							1
2	50			1271			283					2
3	40			1272			275					3
4	30			1273			289		✓			4
5	20			1274			283		✓			5
6	12A			1275			281					6
7	12B			1276			283					7
8	12C			1277			282		✓			8
9	10			1278			279				Bottle Broken	9
10	0			1279			283		✓			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 #:	M2-E

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
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
47	56	56.34	N	163	50.09	W	24	SEP	15	17	31	9.	92.	16			288	19				68	M2-E

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 = 63 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1280									1
2	50			1281			283						2
3	40			1282			285						3
4	30			1293			289						4
5	20			1284			283						5
6	10			1285			279						6
7	0		072	1286	264		283						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 DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	MZ-N

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 *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	48 STA. NAME/ID
48	57	00.85 N	164	13.33 W	24	SEP	15	19	44	9.	89.	17			293	20				67	MZ-N

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 = 63 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP + EMA Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Eisner Comments	Nis No.
1	BOT			1287	& 266	EMA	EMA RP				RP expt #1	1
2	50			1288		Stacked	& 290 283				1L bottle	2
3	45			1289			289				1L "	3
4	40			1290			285		✓		1L "	4
5	30			1291			283		✓		1L "	5
6	15			1292			279		✓		1L "	6
7	0			1293			283		✓		1L "	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 DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 157	M2-W

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
49	56	46.04	N	164	20.04	W	24	SEP	15	21	47	8.7	90.	17			297	20				73	M2-W

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 = 68 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot		395	1294									1
2	50			1295			283						2
3	40			1296			285						3
4	30			1297			289						4
5	20			1298			283						5
6	10			1299			279						6
7	0			1300	269		283						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 DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 159	70M3

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
50	56	48.56 N	164	34.82 W	24	SEP	15	23	16	8.6	91.	18			279	22				73	70M3

MAX. DEPTH = 68 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

Near edge of cocco bloom.

spikes transmissometer/turbidity jelly?

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA- RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1301	270			Vol					1
2	50			1302			X	282					2
3	40			1308			X	283					3
4	30			1304			X	289					4
5	20			1305			X	283					5
6	10			1306			X	279		✓			6
7	0			1307			X	283					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 DYSON	DY1508 / 1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 161	70 M4

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 (51)
51	56	54.53 N	164	49.58 W	25	SEP	15	00	54	8.9	92.	18			294	19				72	70 M4

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

Water slightly aqua colored

MAX. DEPTH = 67 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA- RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1308								1
2	50			1309			.283					2
3	40			1310			285					3
4	30			1311			289					4
5	20			1312			283					5
6	10			1313			279					6
7	0		396	1314	272		283					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 DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 162	70M5

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
52	56	51.94 N	165	07.34 W	25	SEP	15	02	16	8.3	95.	18			287	14				74	70M5

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 = 69 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1315	273							1
2	50			1316			273					2
3	40			1317			0x5					3
4	30			1318			229					4
5	20			1319			283					5
6	10			1320			279		✓			6
7	0			1321			283					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 DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 164	7016

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
53	56	59.47	N	165	22.73	W	25	SEP	15	0357		8.8	96.	18			272	13				72	7016

	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

35 m sharp drop in Fluorescence/Beam Transmission

MAX. DEPTH = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		397	1322								1
2	50			1323			283					2
3	40			1324			285					3
4	30			1325			289					4
5	20			1326			283					5
6	10			1327			279					6
7	0			1328	276		283					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 DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 165	7017

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
																				54	54
54	57	06.24 N	165	36.89 W	25	SEP	15	05	17	8.3	96.	18			260	13				71	7017

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

Missfire bottle
Nut Btl 1329 not used

MAX. DEPTH = 64 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1329									1
2	50			1330	278		283						2
3	40			1331			285						3
4	30			1332			289						4
5	20			1333			283						5
6	10			1334			279			✓			6
7	0			1335			283						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 DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 167	55

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
55	57	15.58 N	165	44.83 W	25	SEP	15	06	48	9.1	96.	18			260	16				69	7048

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 = 64 m

Transmissometer off at 600 m

It's a little chalky
Primary salinity offset between 50m and 60m

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1336									1
2	50			1337			283						2
3	40			1338			285						3
4	30			1339			289						4
5	20			1340			283						5
6	10			1341			279			✓			6
7	0		398	1342	305		283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE DY1508	PROJECT & LEG	CLAMS Event #:	STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	168	56

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
56	57	19.12 N	166	08.60 W	25	SEP	15	08	01	8.6	97.	17			255	15				67	70M9

MAX. DEPTH = 63 m

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

REMARKS

Transmissometer off at 600 m

Bottle 3 cork broke sometime before next cast [illegible]

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1343	307							1
2	50			1344			283					2
3	40			1345			285				Might have leaked	3
4	30			1346			289					4
5	20			1347			283					5
6	10			1348			279					6
7	0			1349			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE DY1508	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508 / 1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	57

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
57	57	19.37 N	166	19.39 W	25	SEP	15	09	29	8.5	97.	17			250	16				68	70M10

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

REMARKS

MAX. DEPTH = 64 m

Transmissometer off at 600 m

slight spike on 2nd C @ 17m

Bottle 3 had a broken tube. Not w/ btl deployment.

Will fix b/f next cast

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		399	1350	308								1
2	50			1351				283					2
3	N/A			1352								Bottle broken	3
4	40			1353				285					4
5	30			1354				289					5
6	20			1355				285					6
7	10			1356				279		✓			7
8	0			1357				273					8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE DY1508	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 171	58

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
58	57	26.25 N	166	30.68 W	25	SEP	15	10	36	8.4	95.	16			253	19				68	70 MILE

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 RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1368								1
2	50			1359			283					2
3	40			1360			285					3
4	30			1361			289					4
5	20			1362			283					5
6	10			1363			279					6
7	0			1364	x309		283					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 DYSON	DY1508 / 1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 173	59

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
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
59	57	25.63 N	166	98.53 W	25	SEP	15	1202		8.5	90.	16			349	22				68	70M12

	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 = 63 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RR Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	DCT			1365	311								1
2	50			1345			281						2
3	40			1367			285						3
4	30			1368			289						4
5	20			1369			292						5
6	10			1370			279			✓			6
7	0		0.400	1371			273						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 DYSON	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 174	60

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
60	57	31.30	N	167	52.21	W	25	SEP	15	13	13	8.3	94.	15			253	20				69	70M13

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 = 64 m

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No
1	BOT			1372									1
2	50			1373			283						2
3	40			1374			285						3
4	30			1375			279						4
5	20			1376			283						5
6	10			1377			279						6
7	0			1378	312		293						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 DYSON	DY1508 1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 176	61

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
61	57	29.88 N		167	30.52 W		25	SEP	15	1439		8.7	92.	15			242	18				71	70m14

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~~ RR Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1379	313									1
2	50			1380			283							2
3	40			1381			285							3
4	30			1382			284							4
5	20			1383			283							5
6	10			1384			282			✓				6
7	0		401	1385			283							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 /1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 177	62

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
62	57	30.02	N	167	39.70	W	25	SEP	15	15	56	8.4	93.	14			249	19				72	70m15

SBE 9+		FLUOR S/N	2957 6000
PRESS SN	772	SBE43-Oxy (prim	161
PRI TEMP SN	2375	SBE43-Oxy (sec)	1876
SEC TEMP SN	4379	Transmissometer	CST 690PR
PRI COND SN	2985	PAR S/N	70296 2000m
SEC COND SN	3127	Turbidity	2957 6000m

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			1386								1
2	50			1387			293					2
3	40			1388			285					3
4	30			1389			284					4
5	20			1390			283					5
6	10			1391			274					6
7	0			1392	314		283					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 DYSO	DY1508	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 179	63

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
63	57	29.89	N	167	59.05	W	15	SEP	15	17	22	8.5	92.	14			238	16				70	70m6

	SBE 9+		FLUOR S/N	2957 6000	
	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 200 cm	
	SEC COND SN	3127	Turbidity	2957 6000m	

REMARKS

Transmissometer off at 600 m

Bottle 4 tube broke while cooking use bottle 5 instead for 30m

MAX. DEPTH = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RR Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1393	315								1
2	50			1394			283						2
3	40			1395			285						3
4	N/A			1396									4
5	30			1397			298						5
6	20			1398			283						6
7	10			1399			279			✓			7
8	0		402	1400			283						8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 180	64

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
64	57	31.11	N	169	16.36	W	25	SEP	15	1837		8.1	95	1014			232	16				70	70M17

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

Skip O2 for bottle conservation

May be out of Cocco bloom

MAX. DEPTH = 65 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA + RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	PE expt # 2	Comments	Nis No.
1	BOT			1401		Stained system					Eisner	Used 0.5L	1
2	50			1402		290	292				√ C+N3	bottles for	2
3	40			1403		290	295				√	PE expt	3
4	30			1404		290	289		√		√		4
5	20			1405		290	288				√		5
6	10			1406		290	279		√		√		6
7	0			1407		290	283				√ √		7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 182	65

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
65	57	31.45 N	168	37.03 W	25	SEP	15	19	57	7.8	96	1014			216	11				71	70m/B

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

might be in coco bloom

MAX. DEPTH = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		403	1406								1
2	50			1409			288					2
3	40			1410			285					3
4	30			1411			289					4
5	20			1412			285					5
6	10			1413			279					6
7	0			1414	316		285					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 183	66

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)	70M19 STA. NAME/ID
66	57	39.35 N		169	01.34 W		25	SEP	15	21	39	8.3	96	1013			191	11				69	M4-5

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 = 63 m

Transmissometer off at 600 m

2nd Salinity off from surface to ~12m on downcast

Seem to be out of coco bloom

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			1415	317								1
2	50			1416			283						2
3	40			1417			285						3
4	30			1418			289						4
5	20			1419			283						5
6	10			1420			279			✓			6
7	0			1421			283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 186	67

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
67	57	46.05	N	168	27.91	W	26	SEP	15	0004		8.2	96	1012			190	16				71	M4-E

	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 = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA CP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1422								1
2	50			1423			293					2
3	40			1424			285					3
4	30			1425			290					4
5	20			1426			283					5
6	10			1427			279					6
7	0		404	1428	318		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 191	68

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)	70M21 STA. NAME/ID
68	57	49.96 N	168	53.11 W	26	SEP	15	02	44	8.4	97	1009			185	13				72	M-4

MAX. DEPTH = 65 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~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1429	319							1
2	50			1430			283					2
3	40			1431			285					3
4	30			1432			289					4
5	20			1433			283					5
6	13A			1434			283					6
7	13B			1435			288					7
8	13C			1436			281					8
9	10			1437			279		✓			9
10	0			1438			283					10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 193	69

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)	MN-N STA. NAME/ID
69	58	04.11	N	168	43.45	W	26	SEP	15	0429		8.2	98	1008			160	13				70	MN-N

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 = 65 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		405	1439	320								1
2	50			1440			283						2
3	40			1441			285						3
4	30			1442			289						4
5	20			1443			283						5
6	10			1444			279			✓			6
7	0			1445			283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 195	70

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)	M4-W STA. NAME/ID
70	57	55.63	N	169	19.25	W	26	SEP	15	06	50	8.4	98	1006			134	12				67	M4-W

MAX. DEPTH = 61 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~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1446								1
2	50			1447			283					2
3	40			1448			285					3
4	30			1449			289					4
5	20			1450			283					5
6	10			1451			279		✓			6
7	0			1452	321		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	71

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) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
71	57	54.44 N	169	30.06 W	26	SEP	15	07	58	8.4	98	1005			131	10				68	70M23

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 spike in 2nd C @ 18 m
Sampled @ 28 instead of 30m due to thermocline
Spike @ surface on primary

MAX. DEPTH = 62 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1453	322							1
2	50			1454			283					2
3	40			1455			285					3
4	30			1456			289					4
5	20			1457			283					5
6	10			1458			279		✓			6
7	0		406	1459			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	72

CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	CLOUD TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
72	58	02.61 N	169	40.36 W	26	SEP	15	09	03	8.1	98	1004			118	9				69	70M24

	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

Oxygen 2 messed up @ 30m on way up

MAX. DEPTH = 64 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1460								1
2	50			1461			283					2
3	40			1462			285					3
4	30			1463			289					4
5	20			1464			283					5
6	10			1465			279					6
7	0			1466	323		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 200	73

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
73	58	08.92 N	169	55.29 W	26	SEP	15	1021		8.	98	1004			115	6				72	70M25

	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

Skip O_2 → Bottle Conservation

30m bottle more like 28 due to thermocline

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		407	1467								1
2	50			1468			283					2
3	40			1469			285					3
4	30			1470			289					4
5	20			1471			283					5
6	10			1472			279		✓			6
7	0			1473			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	74

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
74	58	16.93 N	170	05.61 W	26	SEP	15	11	24	.										72	70M26

MAX. DEPTH = 65 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

30m bottle @ around 32 due to thermocline

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1474	324							1
2	50			1475			283					2
3	40			1476			285					3
4	30			1477			289					4
5	20			1479			283					5
6	10			1479			279					6
7	0			1480			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	75

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
75	58	26.97	N	170	11.47	W	26	SEP	15	12	42	7.5	98	1004			082	6				72	70MZ7

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

Thermocline less flat @ 30 m

MAX. DEPTH = 68 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1491								1
2	50			1482								2
3	40			1483								3
4	30			1494								4
5	20			1485								5
6	10			1486					✓			6
7	0		408	1487	325							7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 704	76

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
76	58	36.98	N	170	16.61	W	26	SEP	15	13	50	7.7	98	1004			103	7				73	70M28

MAX. DEPTH = 67 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 RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1488	326							1
2	50			1489			293					2
3	40			1490			285					3
4	30			1491			289					4
5	20			1492			293					5
6	10			1493			279					6
7	0			1494			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 206	77

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
77	58	46.47	N	170	17.34	W	26	SEP	15	15	10	7.8	99	1004			050	5				71	70N29

MAX. DEPTH = 66 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 RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1495								1
2	50			1496			283					2
3	40			1497			285					3
4	30			1499			289					4
5	20			1499			293					5
6	10			1500			279		✓			6
7	0			1501	327		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	78

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
78	58	56.96	N	170	19.52	W	26	SEP	15	16	16	8.2	99	1004			025	2				70	70M30

	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 = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		409	1502	376							1
2	50			1503			283					2
3	40			1504			285					3
4	30			1505			289					4
5	20			1506			293					5
6	10			1507			279					6
7	0			1509			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 209	79

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
79	59	06.33	N	170	14.79	W	26	SEP	15	17	32	7.5	99	1004			099	9				67	70M31

	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 = 62 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1509								1
2	50			1510			293					2
3	40			1511			285					3
4	30			1512			289					4
5	20			1513			282					5
6	10			1514			279		✓			6
7	0			1515	*069		293					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 210	80

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
80	59	14.85	N	170	24.86	W	26	SEP	15	18	40	7.6	99	1004			088	8				67	70M32

	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

30 m sampled @ 27 due to thermocline

MAX. DEPTH = 62 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA + RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Raquin RP #3	Comments	Nis No.
1	BOT			1516	0988	Standard				Eisner	C + NO3	1
2	50			1517		290	283			√ IL	bottles	2
3	40			1519		290	285			√ IL		3
4	30			1519		290	284		V	√ IL	more like 27 m	4
5	20			1520		290	293			√ IL		5
6	10			1521		290	279		V	√ IL		6
7	0		410	1522		290	283			√ IL		7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 212	81

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
81	59	20.13 N	170	39.42 W	26	SEP	15	19	53	7.6	99	1004			96	11				70	70M33

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 salinity offset around 40m to surface upcast

MAX. DEPTH = 63 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager		Paquin	Comments	Nis No.
1	BOT			1523										1
2	50			1524			283						more like 48m	2
3	40			1525			285							3
4	30			1526			289							4
5	20			1527			293							5
6	10			1528			279							6
7	0			1524	091		283							7
8														8
9														9
10														10
11														11
12														12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 213	82

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
82	59	26.10 N		170	54.57 W		26	SEP	15	21	02	7.5	99	1004			79	13				73	70M34

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~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		411	1530	102								1
2	50			1531			283						2
3	40			1532			285						3
4	30			1533			289						4
5	20			1534			283						5
6	10			1535			279			✓			6
7	0			1536			283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 215	83

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
83	59	35.79	N	170	55.64	W	26	SEP	15	2224		7.2	99	1003			82	18				72	70M35

	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 = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1537								1
2	50			1538			283					2
3	40			1539			285					3
4	30			1540			289					4
5	20			1541			283					5
6	10			1542			279					6
7	0			1543	127		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 216	84

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
84	59	43.15 N	171	08.61 W	26	SEP	15	23	39	6.9	99	1003			74	18				72	70M36

	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

Transmissometer spike at 20m and 14m upcast

MAX. DEPTH = 67 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1544	144							1
2	50			1545			283					2
3	40			1546			285					3
4	30			1547			289					4
5	20			1548			283					5
6	10			1549			279		✓			6
7	0		412	1550			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 218	85

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
85	59	42.45 N	171	29.95 W	27	SEP	15	01	49	6.9	99	1001			67	27				75	MS-S

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 = 68 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA KF Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1551								1
2	50			1552			283					2
3	40			1553			285					3
4	30			1554			289					4
5	20			1555			283					5
6	10			1556			279					6
7	0			1557	147		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 220	86

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
86	59	46.95 N	171	26.73 W	27	SEP	15	02	49	6.5	99	1000			65	29				74	70M37

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~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		413	1558	166							1
2	50			1559			283					2
3	40			1560			285					3
4	30			1561			289					4
5	20			1562			283					5
6	10			1563			279					6
7	0			1564			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 221	87

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) *	CLOUD TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
87	59	53.60	N	171	15.99	W	27	SEP	15	04	46	6.2	100	998			64	31				72	M5-E

	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~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1565								1
2	50			1566			283					2
3	40			1567			285					3
4	30			1568			289					4
5	20			1569			293					5
6	10			1570			279		✓			6
7	0			1571	179		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 226	88

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)	70M38 STA. NAME/ID
88	59	52.87 N		171	43.63 W		27	SEP	15	22	17	4.8	82	1000			349	23				72	M5

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
Nut Bottle 1572 thrownout
No bottom nut. O2 questionable

MAX. DEPTH = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1572	190						Bottle leaked	1
2	50			1573			283					2
3	40			1574			285					3
4	30			1575			289					4
5	20			1576			283					5
6	18A			1577			283					6
7	18B			1578			288					7
8	18C			1579			281					8
9	10			1580			279		✓			9
10	0		414	1581			283					10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 228	89

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
89	60	04.61	N	172	00.30	W	28	SEP	15	00	36	4.6	56	1002			334	27				64	MS-N

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

TSG Chla at 00:37 2 Sep 15, 290 mL

MAX. DEPTH = 57 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1582								1
2	50			1583			283					2
3	40			1584			285					3
4	30			1585			289					4
5	20			1586			283					5
6	10			1587			279		✓			6
7	0			1588	208		283					7
8												8
9												9
10												10
11												11
12												12

SST=

SSSal=

TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 230	90

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
90	59	54.10 N	172	09.90 W	28	SEP	15	02	33	4.8	59	1004			336	22				74	M5-W

MAX. DEPTH = 68 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~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		415	1589	212							1
2	50			1590			283					2
3	40			1591			285					3
4	30			1592			289					4
5	20			1593			283					5
6	10			1594			279		✓			6
7	6			1595			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 232	91

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
91	59	54.64	N	172	25.54	W	28	SEP	15	04	08	5.6	60	1005			325	19				75	70M40

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~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1596									1
2	50			1597			283						2
3	40			1598			285						3
4	30			1599			289						4
5	20			1600			283						5
6	10			1601			279						6
7	0			1602	219		283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 233	92

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
92	59	58.69	N	172	44.51	W	28	SEP	15	0541		4.7	60	1006			321	19				69	70M41

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 = 63 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			1603	222							1
2	50			1604			283					2
3	40			1605			285					3
4	30			1606			289					4
5	20			1607			283					5
6	10			1608			279		✓			6
7	0		416	1609			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 235	93

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
93	60	02.17	N	173	00.61	W	28	SEP	15	07	10	3.3	82	1006			319	10				68	70M42

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

Salinty offset on upcast

MAX. DEPTH = 63 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1610								1
2	50			1611			283					2
3	40			1612			285					3
4	30			1613			289					4
5	20			1614			283					5
6	10			1615			279		✓			6
7	0			1616	224		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 236	94

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
94	60	05.77 N	173	19.02 W	28	SEP	15	08	24	2.3	93	1006			293	20				69	70M43

MAX. DEPTH = 64 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

Oxygens somewhat separated

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RR Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		417	1617	227								1
2	50			1618			283						2
3	40			1619			285						3
4	30			1620			289						4
5	20			1621			283						5
6	10			1622			279						6
7	0			1623			283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 238	95

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
95	60	14.98	N	173	31.47	W	28	SEP	15	09	56	2.7	90	1007			331	20				69	70W44

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

Skip O_2 for bottle comparison

MAX. DEPTH = 64 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1624									1
2	50			1625			288						2
3	40			1626			285						3
4	30			1627			280						4
5	20			1629			283						5
6	10			1629			279			✓			6
7	0			1630			283						7
8													8
9													9
10													10
11													11
12													12

SST=

SSSal=

TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 239	96

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
96	60	25.35	N	173	35.70	W	28	SEP	15	11	10	2.6	82	1007			337	15				65	70M45

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

Thermocline Right@ 30m - 30m bottle more like 35

MAX. DEPTH = 60 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1631									1
2	50			1637			283						2
3	40			1633			285						3
4	30			1639			284						4
5	20			1635			287						5
6	10			1636			279						6
7	0		418	1637	294		283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 241	97

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
97	60	34.47	N	173	38.57	W	28	SEP	15	1230		3.3	68	1008			320	14				67	70M46

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 heave loops

MAX. DEPTH = 62 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1638	167								1
2	50			1639			283						2
3	40			1640			285						3
4	30			1641			282						4
5	20			1642			283						5
6	10			1643			279			✓			6
7	0			1644			283						7
8													8
9													9
10													10
11													11
12													12

SST=

SSSal=

TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 242	98

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
98	60	44.51	N	173	39.16	W	28	SEP	15	1344		1.6	93	1008			345	10				72	70 MW

	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

Loopy due to rolls
Thermocline right @ 30m Fired bottle @ 29m

MAX. DEPTH = 67 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	Bot		419	1645								1
2	50			1646			283					2
3	40			1647			285					3
4	30			1648			289					4
5	20			1649			282					5
6	10			1650			279					6
7	0			1651	345		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	99

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
099	60	54.47 N		173	49.53W		28	SEP	15	15	18	1.9	79	1008			316	15				81	70M48

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 = 75 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1652	078							1
2	50			1653			293					2
3	40			1654			285					3
4	30			1655			289					4
5	20			1656			283					5
6	10			1657			279		✓			6
7	0			1658			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 245	100

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
100	61	03.92	N	173	49.78	W	28	SEP	15	16	36	2.2	78	1008			276	11				77	70M49

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

No Oxy - Running out of bottles
Bottle 5 ran dry, when I had to leave the
Bottom abruptly due to two-blocked Bongo

MAX. DEPTH = 73 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1				1659									1
2				1660			283						2
3				1661			285						3
4				1662			289						4
5				1663			283					Nuts not sampled	5
6				1664			279						6
7			420	1665			283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 247	101

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
101	61	14.96 N		173	44.46 W		28	SEP	15	18	34	3.6	63	1009			340	15				75	Tan50

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 = 70 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA + RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	~~Paquin~~ PP	Comments	Nis No.
1	305			1666				Stained chl		exp 4		1
2	50			1667			292	290 —		0.5L	600 Hle (c+NO3)	2
3	40			1668			285	290 —		0.5L		3
4	30			1669			289	290 —	✓	0.5L		4
5	20			1670			283	290 —		0.5L		5
6	10			1671			279	290 —	✓	0.5L		6
7	0			1672	290		283	290 —		0.5L		7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 248	102

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
102	61	24.63 N	173	44.17 W	28	SEP	15	19	46	3.9	67	1010			336	16				76	BM51

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 oxygen spike 50m to 40m upcast
2nd salinity spike 35m to 30m upcast

MAX. DEPTH = 70 m

Nis No	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RT Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No
1	Bot		421	1673	344							1
2	50			1674			283					2
3	40			1675			295					3
4	30			1676			289					4
5	20			1677			283					5
6	10			1678			279					6
7	0			1679			293					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 250	103

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
103	61	33.55	N	173	42.80	W	28	SEP	15	21	26	3.1	77	1011			320	13				74	70M52

	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 = 68 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1680									1
2	50			1681			283						2
3	40			1682			285						3
4	30			1683			289						4
5	20			1684			283						5
6	10			1685			279			✓			6
7	0			1686	113		283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 251	104

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
104	61	43.61	N	173	51.47	W	28	SEP	15	23	01	2.7	83	1012			340	14				73	70M53

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

Salinity offset on upcast
TSG Chl a collected at 23:03, Chl count=136

MAX. DEPTH = 67 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1687	195							1
2	50			1688			283					2
3	40			1689			285					3
4	30			1690			289					4
5	20			1691			283		✓			5
6	10			1692			279		✓			6
7	0		4.22	1693			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 253	105

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
105	61	51.58	N	174	05.64	W	29	SEP	15	0048		3.8	67	1011			312	20				73	70M54

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			1694									1
2	50			1695			283						2
3	40			1696			285						3
4	30			1697			289						4
5	20			1698			283						5
6	10			1699			279						6
7	0			1700	280		283						7
8													8
9													9
10													10
11													11
12													12

SST=

SSSal=

TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 254	106

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
106	61	56.61	N	174	22.39	W	29	SEP	15	0220		3.9	68	1011			295	25				74	70155

	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 = 69 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		423	1701	281							1
2	50			1702			283					2
3	40			1703			285					3
4	30			1704			289				more like 23m	4
5	20			1705			283				more like 18m	5
6	10			1706			279		✓			6
7	0			1707			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 256	107

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
107	61	58.42 N		174	36.96 W		29	SEP	15	0338		3.8	67	1012			302	20				77	M8-S

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	70298
SEC COND SN	3127	Turbidity	2957

REMARKS

Transmissometer off at 600 m

MAX. DEPTH = 71 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1708								1
2	50			1709			283					2
3	40			1710			285					3
4	30			1711			289				more like 25 m	4
5	20			1712			283					5
6	10			1713			279					6
7	0			1714	284		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 258	108

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
108	62	01.65	N	174	39.58	W	29	SEP	15	04	42	3.8	67	1012			289	17				76	70456

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 = 72 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA- RF Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1715	287							1
2	50			1716			283					2
3	40			1717			285					3
4	30			1718			289					4
5	20			1719			283					5
6	10			1720			279		✓			6
7	0		424	1721			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 259	109

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
109	62	12.05	N	174	17.82	W	29	SEP	15	06	35	4.3	68	1011			300	24				69	M8-E

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 salinity offset on upcast
1st salinity offset last 27m of upcast

MAX. DEPTH = 64 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1722									1
2	50			1723			283						2
3	40			1724			285						3
4	30			1725			289						4
5	20			1726			283						5
6	10			1727			279						6
7	0			1728	347		283						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 264	110

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
110	62	11.52	N	174	45.56	W	29	SEP	15	09	27	4.7	58	1011			306	23				73	M8

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 = 67 m

Transmissometer off at 600 m

Triplicate @ 22 m - skip 20 due to redundancy

30 m - unable to avoid thermocline

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMP RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1729	350							1
2	50			1730			278					2
3	40			1731			283					3
4	30			1732			293				~32m	4
5	22			1733			295					5
6	22			1734			289					6
7	22			1735			283					7
8	10			1736			279		✓			8
9	0		425	1737			283					9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 266	111

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
111	62	11.81	N	175	11.99	W	29	SEP	15	1115		4.7	61	1011			282	19				78	M8-W

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 = 74 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	~~EMA~~ RP Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1738								1
2	50			1739			283					2
3	40			1740			285					3
4	30			1741			289					4
5	20			1742			283					5
6	10			1743			279					6
7	0			1744	357		283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 268	112

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
112	62	25.09 N		174	42.45 W		29	SEP	15	13	43	4.8	60	1010			309	21				71	M8-N

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 = 66 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA GF Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1745	359							1
2	50			1746			283					2
3	40			1747			285					3
4	30			1748			289					4
5	20			1749			283					5
6	10			1750			279		✓			6
7	0			1751			283					7
8												8
9												9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 270	113

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
113	59	30.03	N	170	59.89	W	30	SEP	15	06	52	6.0	72	1013			333	5				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

In-line Chla collected from TSG

First BASIS station after 70m isobath

MAX. DEPTH = 68 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		426	1752									1
2	50			1753			290						2
3	40			1754			290						3
4	30			1755			290			✓			4
5	20			1756		290	290						5
6	10			1757		290	290			✓			6
7	0			1758									7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #:	114

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
114	58	59.84	N	171	00.31	W	30	SEP	15	1054		6.0	84	1016			318	4				76	114

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 = 71 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA (290 ml for chl) Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT			1759									1
2	50			1760			✓						2
3	40			1761			✓						3
4	30			1762			✓						4
5	20			1763		✓	✓						5
6	10			1764		✓	✓						6
7	0			1765			✓						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 276	115

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
115	59	30.04	N	171	00.27	W	30	SEP	15	14	48	6.6	75	1019			299	7				82	115

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 = 78 m

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA (290 ml for chl) Chloro->10	Chloro-GFF		Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	BOT		427	1766	069								1
2	50			1767			✓						2
3	40			1768			✓						3
4	30			1769			✓						4
5	20			1770		✓	✓						5
6	10			1771		✓	✓						6
7	0			1772			✓						7
8													8
9													9
10													10
11													11
12													12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 279	116

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
116	57	59.92	N	170	59.81	W	30	SEP	15	18	59	8.0	94	1021			225	9				88	116

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 = 83 m

Transmissometer off at 600 m

Taking extra bottle @ 60 m - due to transmissometer

Nis No.	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT	Nut.Btl	O2-Btl.No	EMA Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin PR5	Comments	Nis No.
1	BOT			1773				Stacked Chl GFF + >10		Eisner		1
2	75			1774								2
3	60			1775								3
4	50			1776			290	290 —			1L bottle - ^{13}C + $^{15}NO_3$	4
5	40			1777			290	290 —	✓		1L	5
6	30			1778			290	290 —	✓		1L	6
7	20			1779		290	290	290 —	✓		1L	7
8	10			1780		290	290	290 —	✓		1L	8
9	0			1781			290	290 —	✓		1L	9
10												10
11												11
12												12

SST= SSSal= TSG Chl Sample:

VESSEL	CRUISE ID	PROJECT & LEG		STATION NO.
NOAA SHIP OSCAR DYSON	DY1508/1509	BASIS 2015 Fall Pollock Survey	CLAMS Event #: 282	117

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
117	54	59.68 N		167	59.87 W		03	OCT	15	11	59	8.390		1019			276	19				1170	117

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 = 520 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		x428	1782	x313						LNSW for Mordy lab	1
2	BOT			1783	x314							2
3	200			1784								3
4	100			1785								4
5	75			1786								5
6	50			1787								6
7	40			1788								7
8	30			1789								8
9	20			1790								9
10	10			1791								10
11	0			1792								11
12												12

SST= SSSal= TSG Chl Sample: