

VESSEL		CRUISE DY1508		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 146									
NOAA SHIP OSCAR DYSON		DY1508		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 146									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
45	56 40 .03 N	163 57 .86 W	12 54	9.2	95	17		306	18					76	MZS
SBE 9+	FLUOR SN	2957	REMARKS Start Leg 2 BASIS Survey /												
PRESS SN	SBE43-Oxy (pnr)	161	Transmissometer off at 600 m 70m Isobath												
PRI TEMP SN	SBE43-Oxy (sec)	1876	* First cast with updated cast for P												
SEC TEMP SN	Transmissometer	CST 690PR	First 70m line cast MZ-500m												
PRI COND SN	PAR SN	70296	MAX. DEPTH = 71 m												
SEC COND SN	Turbidity	2957													
NIS DEPTH	Rosette Notes	Hydro Team-PMEL	TSM		Eisner Imager		Paquin		Comments		NIS No				
DESIRED	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates									
1 BOT	071	1263	233									1			
2 50		1269			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 DY1508		PROJECT & LEG		STATION NO.	
NOAA SHIP OSCAR DYSON		DY1508		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 148	
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.	
DEG	MIN	DEG	MIN	HR	MIN	(deg)	(kts)
46	56.51.24 N	164	04.25 W	15	57	297	23
CONSC CAST #		DRY BULB		Relative Humidity		SEA STATE	
46		9.1		43		16	
SBE 9+		Fluor S/N		Barometric pressure		WIND SPD.	
PRESS SN 772		2957		(mb)		(kts)	
PRI TEMP SN 2376		SBE43-Oxy (p/nr)		VISIBILITY		CLOUD (amt)	
SEC TEMP SN 4379		161					
PRI COND SN 2866		SBE43-Oxy (sec)		Paquin		WEATHER	
SEC COND SN 3127		1876					
Rosette Notes		Transmissometer, CST 690PR		Eisner Imager		BOTTOM	
		PAR S/N 70296				(m)	
		Turbidity				67	
		2957				MAX. DEPTH = 72 m	
		SALT		REMARKS			
		Nut. Bil		Transmissometer off at 600 m			
		O2-Bil No		M2 - By Readings			
		EMA		No 10m water samples			
		Chloro-10					
		Chloro-GFF %					
		Duplicates					
Nis No		Hydro Team: PMEL					
1 Bot		SALT		R/R			
2 50		Nut. Bil					
3 40		O2-Bil No					
4 30		1720 243					
5 20		1721					
6 12A		1722					
7 12B		1723					
8 12C		1724					
9 10		1725					
10 0		1726					
11		1727					
12		1728					

SST=

SSSal=

TSG Chl Sample:

VESSEL		CRUISE DY1508		PROJECT & LEG		CLAMS Event #		STATION NO.										
NOAA SHIP OSCAR DYSON		DY1508		BASIS 2015 Fall Pollock Survey				MZ-E										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	HR	MIN												
47	56.56	34 N	163.56	09 W	17	31	9	92	16			288	19				68	MZ-E
SBE 9+		FLUOR S/N 2957		REMARKS		Transmissometer off at 600 m		MAX. DEPTH = 63 m										
PRESS SN 772		SBE43-Oxy (prim) 161																
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876																
SEC TEMP SN 4379		Transmissometer CST 680PR																
PRI COND SN 2985		PAR S/N 70296																
SEC COND SN 3127		Turbidity 2957																
Nis No	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		GAMA		Chloro-10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No				
		SALT	Nut Bil	O2-Bil	No	No												
1	Bot		1280						283					1				
2	50		1281						285					2				
3	40		1282						289					3				
4	30		1293						283					4				
5	20		1284						279					5				
6	10		1285						283					6				
7	0	072	1286	264										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		BASIS 2015 Fall Pollock Survey		CLAMS Event #:	
CONSC CAST #		LATITUDE		LONGITUDE		WIND DIRN.	
DEG MIN		DEG MIN		DEG MIN		(deg)	
48		57 00.85 N		164 13.53 W		293	
SBE 9+		FLUOR S/N 2957		TIME (GMT)		WIND SPD.	
PRESS SN 772		SBE43-Oxy (pair) 161		HR MIN		(kts)	
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876		19 44		20	
SEC TEMP SN 4379		Transmissometer: CST 690PR		DRY BULB		CLD (amt)	
PRI COND SN 2985		PAR S/N 70296		(°C)		TYPE	
SEC COND SN 3127		Turbidity 2957		9.		WEATHER	
Nis No.		Rosette Notes		EMA		Eisner Imager	
DEPTH		SALT		Chloro->10		Paquin	
DESIRE		Nut Btl		Chloro-GFF		Comments	
1		1287		EMA		RP + EMA	
2		1290		Stack		RP ext #1	
3		1291		290		12 " "	
4		1292		289		12 " "	
5		1293		285		12 " "	
6		1294		283		12 " "	
7		1295		279		12 " "	
8		1296		283		12 " "	
9		1297					
10		1298					
11		1299					
12		1300					

REMARKS
Transmissometer off at 600 m

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 #: 157	
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN. (deg)	
DEG	MIN	DEG	MIN	HR	MIN	(kts)	(m)
49	56	164	20.04	21	47	297	73
CONSC CAST #		DAY		MO		YR	
49		24		SEP		15	
SBE 9+		FLUOR S/N		2957		REMARKS	
PRESS SN		772		SBE43-Oxy (p/nr)		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 S/N		3127		Turbidity		2957	
Nis No.		SALT		EMA		Paquin	
1		395		Chloro->10		Eisner Ineger	
2		1294		Chloro-GFF		Relative Humidity	
3		1295		Duplicates		Barometric pressure (mb)	
4		1296		Hydro Team-PMEL		SEA STATE	
5		1297		Nut.Bll		VISIBILITY	
6		1298		O2-Bll.No		WIND SPD	
7		1299		SST=		CLOUD (amt)	
8		1300		SSSal=		TYPE	
9		269		TSG Chl Sample:		WEATHER	
10						BOTTOM	
11						DEPTH	
12						STA. NAME/ID	

MAX. DEPTH = 68 m

Transmissometer off at 600 m

RP

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 #: 159						
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN. (deg)						
DEG MIN		DEG MIN		HR MIN		(kts)						
50 56 48.56 N		164 34.82 W		23 16		279 22						
CONC CAST #		DAY MO YR		DRY BULB (°C)		WIND SPD						
50		24 SEP 15		8.6 91.18		73 70M3						
SPE 9+		FLUOR S/N 2957		REMARKS		MAX. DEPTH = 68						
PRESS SN 772		SBE43-Oxy (pair) 161		Transmissometer off at 600 m								
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876		Near edge of coral bloom								
SEC TEMP SN 4379		Transmissometer CST 690PR		spikes transmissometer/turbidity jelly?								
PRI COND SN 2985		PAR S/N 70296										
SEC COND ST 3127		Turbidity 2957										
NIS No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PMEL	EMA	Chloro-10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No.
1	80			Nut. BII 1301			Vol					1
2	50			1302			X 283					2
3	40			1303			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 783					7
8												8
9												9
10												10
11												11
12												12

SST=

SSSal=

TSG Cht Sample:

VESSEL NOAA SHIP OSCAR DYSON		CRUISE DY1508		PROJECT & LEG BASIS 2015 Fall Pollock Survey		CLAMS Event #: 161		STATION NO. 70 M4																																																																																																																																																																									
NOAA SHIP OSCAR DYSON		DY1508 / 1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 161		STATION NO. 70 M4																																																																																																																																																																									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID																																																																																																																																																																		
51	56 54.53 N	164 49.58 W	0054	8.9	92	18		294	19					72	70 M4																																																																																																																																																																		
REMARKS Transmissometer off at 600 m Water slightly more colored																																																																																																																																																																																	
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Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA- RP		Eisner imager	Paquin	Comments	Nis No.																																																																																																																																																																						
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SST= SSSalt= TSG Chl Sample:

VESSEL		CRUISE DY1508		PROJECT & LEG		STATION NO.	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 162	
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.	
DEG	MIN	DEG	MIN	HR	MIN	(deg)	(kts)
52.56	51.44	165	07.34	02	16	287	14
CONSC CAST #		DAY		MO		WIND SPD.	
5256		25		SEP		14	
SBE 9+		YR		SEA STATE		WEATHER	
772		15		18		74	
PRESS SN		BAROMETRIC pressure		RELATIVE Humidity		BOTTOM DEPTH	
2376		18		8.395		74	
PRI TEMP SN		DRY BULB (°C)		VISIBILITY		STA. NAME/ID	
4379		8.395		14		70M5	
SEC TEMP SN		TIME (GMT)		CLAMP (amt)		MAX. DEPTH = 69 m	
2985		02:16		14			
PRI COND SN		HR		WIND SPD.			
70296		15		14			
SEC COND SN		MO		WIND DIRN.			
3127		SEP		287			
TURBIDITY		YR		SEA STATE			
2957		15		18			
SBE43-Oxy (pHr)		DAY		RELATIVE Humidity			
161		25		8.395			
SBE43-Oxy (sec)		MO		DRY BULB (°C)			
1876		SEP		8.395			
Transmissometer CST		YR		TIME (GMT)			
690PR		15		02:16			
PAR SN		CHLORO-10		HR			
70296		Chloro->10		MIN			
TURBIDITY		CHLORO-GFF		MAX			
2957		Chloro-GFF		2957			

Nis No	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		SALT	-EMA- Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No
		Nut.Bil	O2-Bil.No	Nut.Bil	O2-Bil.No								
1	10			1315	273								1
2	50			1316				273					2
3	40			1317				275					3
4	30			1318				279					4
5	20			1319				282					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 NOAA SHIP OSCAR DYSON		CRUISE DY1508		PROJECT & LEG BASIS 2015 Fall Pollock Survey		CLAMS Event # 164		STATION NO. 70M6									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event # 164		STATION NO. 70M6									
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
53	56 59.47 N	165 22.73 W	25	SEP 15	0357	8.8	96.	18			272	13				72	70M6
REMARKS																	
Transmissometer off at 600 m																	
35 m Sharp drop in Fluorescence / Beam Transmission																	
MAX. DEPTH = 66 m																	
SBE 9+ _____ FLUOR S/N 2957 PRESS SN 772 _____ SBE43-Oxy (pair) 161 PRI TEMP SN 2376 _____ SBE43-Oxy (sec) 1876 SEC TEMP SN 4379 _____ Transmissometer: CST 680PR PRI COND SN 2985 _____ PAR S/N 70296 SEC COND SN 3127 _____ Turbidity 2957																	
NIS No.	DEPTH DESIRED	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	Eisner imager	Paquin	Comments	NIS No.					
1	50	397	1322				283					1					
2	40		1323				285					2					
3	30		1324				289					3					
4	20		1325				283					4					
5	10		1326				279					5					
6	0		1327				283					6					
7			1328	276								7					
8												8					
9												9					
10												10					
11												11					
12												12					

SST= _____ SSSalt= _____ TSG Chl Sample: _____

VESSEL		CRUISE DY1508		PROJECT & LEG		CLAMS Event #:		STATION NO.										
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		165		70M7										
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	HR	MIN												
54	57	06.24	N	165	36.89	W	25	05	17	8.3	96	18	260	13			71	70M7
SBE 9+		FLUOR S/N		2957		REMARKS		Transmissometer off at 600 m								MAX DEPTH = 64 m		
PRESS SN		772		SBE43-Oxy (pair)		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												
Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		ENVA		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.					
		SALT	Nat.Btl	O2-Btl.No	Chloro->10													
1	Bot		1329					283					1					
2	50		1330	278				285					2					
3	40		1331					289					3					
4	30		1332					283					4					
5	20		1333					279					5					
6	10		1334					283					6					
7	0		1335										7					
8													8					
9													9					
10													10					
11													11					
12													12					

Missfire bottle
Nut 1341 1329 not used

SST= SSSal= TSG Cht Sample:

VESSEL		CRUISE DY1508		PROJECT & LEG		STATION NO.					
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pallock Survey		CLAMS Event # 167					
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE					
DEG	MIN	DEG	MIN	HR	MIN	DRY BULB (°C)	Relative Humidity (%)				
55	57 15.58 N	165	44.83 W	25	SEP 15	9.196	18				
CONSC CAST #		WIND SPD.		WIND DIRN.		WIND WEATHER					
55		16		260		16					
SBE 9+		FLUOR SN 2957		REMARKS		MAX. DEPTH = 64 m					
PRESS SN 772		SBE43-Oxy (prtr) 161		Transmissometer off at 600 m							
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876		It's a little chalky							
SEC TEMP SN 4379		Transmissometer CST 690PR		Primary salinity offset between 50m and 60m							
PRI COND SN 2985		PAR SN 70296									
SEC COND SN 3127		Turbidity 2957									
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL		EMSA		Eisner Imager	Paquin	Comments	Nis No.
		SALT	Nut.Bil	O2-Bil.No	Chloro->10	Chloro-GFF	Duplicates				
1	BOT		1336								1
2	50		1337				285				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 Ctl Sample= _____

VESSEL NOAA SHIP OSCAR DYSON		CRUISE DY1508		PROJECT & LEG BASIS 2015 Fall Pollock Survey		CLAMS Event # 168		STATION NO. 56																																																																																																																																																																																																																																							
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event # 168		STATION NO. 56																																																																																																																																																																																																																																							
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID																																																																																																																																																																																																																																
56	57 19.12 N	166 08.60 W	0801	8.6	97	17			255	15				67	70M9																																																																																																																																																																																																																																
REMARKS																																																																																																																																																																																																																																															
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Date is 3 could be inc something before next cast. Also some bubbles in 1st 2 m																																																																																																																																																																																																																																															
MAX DEPTH = 63 m																																																																																																																																																																																																																																															
<table border="1"> <tr> <td colspan="2">SBE 9+</td> <td>FLUOR S/N</td> <td>2957</td> </tr> <tr> <td colspan="2">PRESS SN</td> <td>SBE43-Oxy (pair)</td> <td>161</td> </tr> <tr> <td colspan="2">PRI TEMP SN</td> <td>SBE43-Oxy (sec)</td> <td>1876</td> </tr> <tr> <td colspan="2">SEC TEMP SN</td> <td>Transmissometer</td> <td>CST 690PR</td> </tr> <tr> <td colspan="2">PRI COND SN</td> <td>PAR S/N</td> <td>70296</td> </tr> <tr> <td colspan="2">SEC COND SN</td> <td>Turbidity</td> <td>2957</td> </tr> </table>																SBE 9+		FLUOR S/N	2957	PRESS SN		SBE43-Oxy (pair)	161	PRI TEMP SN		SBE43-Oxy (sec)	1876	SEC TEMP SN		Transmissometer	CST 690PR	PRI COND SN		PAR S/N	70296	SEC COND SN		Turbidity	2957																																																																																																																																																																																																								
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SST= SSSalt= 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		LONGITUDE		TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM	DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN														
57	57	19.37	N	166	19.39	W	25	SEP	1	5	09	29	8.5	97.7	17	68	70	M10
REMARKS																		
Transmissometer off at 600 m																		
Slight spike on EDC @ 17m																		
Bottom 3 had a broken tube. Not used for deployment.																		
With 5 m SLE next cast																		
MAX DEPTH = 64 m																		
SBE 9+ _____ FLUOR SIN 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 SIN 70296 SEC COND SN 3127 _____ Turbidity 2957																		
NIS No	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		SALT	Nut.Bll	O2-Bll.No	*EMSA Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No			
1	BOT			1350 308		399									1			
2	50			1351						283					2			
3	N/A			1352											3			
4	40			1353						285					4			
5	30			1354						289					5			
6	20			1355						243					6			
7	10			1356						279			✓		7			
8	0			1357						242					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											
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM	STA. NAME/ID
	DEG	MIN	DEG	MIN													
58	57	26.25 N	166	33.68 W	10	36	8.4	95	16		253	19			68	70M11	
REMARKS Transmissometer off at 600 m FLUOR SIN 2957 SBE43-Oxy (pair) 161 SBE43-Oxy (sec) 1876 Transmissometer: CST 690PR PAR SIN 70296 Turbidity 2957																	
Nis No	DEPTH	Rosette Notes		Hydro Team-PMEL		-EMA		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No				
		SALT	Nut.Bil	O2-Bil.No	Chloro->10												
1	Bot		1368										1				
2	50		1350				283						2				
3	40		1360				285						3				
4	30		1361				289						4				
5	20		1362				292						5				
6	10		1363				279						6				
7	0		1364	309			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 #: 173																					
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		Relative Humidity		Barometric pressure		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
59		37 25.63 N		166 48.53 W		1702		8.5		90		16				249		ZZ						68		70MIZ					
SBE 9+		FLUOR SN 2957		REMARKS		Transmissometer off at 600 m																				MAX DEPTH = 63		R			
PRESS SN 772		SBE43-Oxy (pnr) 161																													
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876																													
SEC TEMP SN 4379		Transmissometer: CST 690PR																													
PRI COND SN 2985		PAR SN 70296																													
SEC COND SN 3127		Turbidity 2957																													
Rosette Notes		Hydro Team-PMEL		EMA- RR		Chloro->10		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Comments		Nis No.													
DEPTH	DESIRED	SALT	Nut.Bil	O2-Bil No	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.																				
1	307		1365	311							1																				
2	50		1366			283					2																				
3	40		1367			285					3																				
4	30		1368			289					4																				
5	20		1369			293					5																				
6	10		1370			279				✓	6																				
7	0	400	1371			273					7																				
8											8																				
9											9																				
10											10																				
11											11																				
12											12																				

SST= TSSal= TSG Chl Sample=

VESSEL		CRUISE DY1508		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 174									
NOAA SHIP OSCAR DYSON		DY1508		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 174									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
60	31.30 N	127.02 W	1313	8.3	94	15			253	20				69	70M13
SBE 9+	FLUOR S/N	2957	REMARKS												
PRESS SN	SBE43-Oxy (pHr)	161	Transmissometer off at 600 m												
PRI TEMP SN	SBE43-Oxy (sec)	1876													
SEC TEMP SN	Transmissometer	CST 690PPR													
PRI COND SN	PAR S/N	70296													
SEC COND SN	Turbidity	2957													
NIS DEPTH	Rosette Notes	Hydro Team-PMEL	EMA RP												
No. DESIRED	SALT	Nut.Bil	O2-Bil.No	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.					
1		1372								1					
2		1373			283					2					
3		1374			285					3					
4		1375			279					4					
5		1376			283					5					
6		1377			279					6					
7		1378	312		293					7					
8										8					
9										9					
10										10					
11										11					
12										12					

SST=

SSSal=

TSG Cht Sample:

VESSEL		CRUISE DY1508		PROJECT & LEG		STATION NO.												
NOAA SHIP OSCAR DYSON		DY1508 / 1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 176												
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM	DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN														
61	57	29.98	N	167	30.52	W	14	39	15		242	18				71	TOMAH	
SBE 9+		FLUOR S/N 2957		REMARKS		Transmissometer off at 600 m												
PRESS SN 772		SBE43-Oxy (pitr) 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																
Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.					
		SALT	MULBIL	O2-BIL.No	Chloro-10													
1	BOT			1379	315								1					
2	50			1380				283					2					
3	40			1381				285					3					
4	30			1382				284					4					
5	20			1383				283					5					
6	10			1384				284					6					
7	0			401	1385			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 DYSCDY1508 / 1508		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 177		62																						
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM	DEPTH (m)	STA NAME/ID										
	DEG	MIN	DEG	MIN															HR	MIN	HR	MIN	HR	MIN	HR	MIN	HR	MIN
62	57	30	02	N	167	39	70	W	25	S	E	P	1	5	15	56	8	4	93	14							72	70m/5
REMARKS Transmissometer off at 600 m FLUOR SN 2957 6000 SBE43-Oxy (pitr) 161 SBE43-Oxy (sec) 1876 Transmissometer CST 690PR PAR SN 70296 2000M Turbidity 2957 6000M																												
Nis No.	DEPTH	Rosette Notes	SALT	Nut.Btl	O2-Btl No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.															
1	50												1															
2	50							283					2															
3	40							285					3															
4	30							284					4															
5	20							283					5															
6	10							274					6															
7	0							283					7															
8													8															
9													9															
10													10															
11													11															
12													12															

SST= SSSal= TSG Chl Sample:

VESSEL		CRUISE DY1508		PROJECT & LEG		BASIS 2015 Fall Pollock Survey		CLAMS Event #:		STATION NO.				
NOAA SHIP OSCAR DYSCDY1508								179		63				
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	HR	MIN	(%)	(mb)			(deg)	(kts)	*	*	(m)	
63	57 29 .89 N	167 59 .05 W	17 22	8 5	97.	14			238	16			70	70m/6
REMARKS Transmissometer off at 600 m Bottle 4 tube broken while cooling use bottle 5 instead for 30 m														
SBE 9+ _____ FLUOR SIN 2957 6550 PRESS SN 772 _____ SBE43-Oxy (pitr) 161 _____ PRI TEMP SN 2376 _____ SBE43-Oxy (sec) 1876 _____ SEC TEMP SN 4379 _____ Transmissometer CST 690PR _____ PRI COND SN 2985 _____ PAR SIN 70296 8000 <i>day</i> SEC COND SN 3127 _____ Turbidity 2957 6000 <i>m</i>														
Nis	DEPTH	Rosette Notes	SALT	Nut.Bil	O2-Bil	No	EMA*	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
1	10			1393	315									1
2	20			1394				283						2
3	40			1395				285						3
4	N/A			1396										4
5	30			1397				290						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	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
64	37 31.11 N	168 16.36 W	1837	9.1	95	1014			232	16				70	70M17
REMARKS															
Transmissometer off at 600 m															
Skip Oz for bottle conservation															
May be out of Cocco bloom															
MAX. DEPTH = 65															
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															
NIS No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PMEL Nut.Bil	O2-Sil.No	EMA Chlro->10	Chlro-GFF	Duplicates	Eisner imager	Paquin	PP expt	Comments	NIS No.		
1	130			1401		Statched system					0	Eisner Used 0.5L	1		
2	50			1402		290	292					✓ C+N ₂ bottles for	2		
3	40			1403		290	295					✓ PP expt	3		
4	30			1404		290	299		✓			✓	4		
5	20			1405		290	282					✓	5		
6	10			1406		290	279		✓			✓	6		
7	0			1407		290	283					✓	7		
8													8		
9													9		
10													10		
11													11		
12													12		

TSG Chl Sample:

SSSal=

SST=

VESSEL NOAA SHIP OSCAR DYSON		CRUISE ID DY1508/1509				PROJECT & LEG BASIS 2015 Fall Pollock Survey				CLAMS Event #: 182				STATION NO. 65					
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	Relative Humidity	Barometric Pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
65		57 31.45 N		168 37.03 W		19 57		7.8	96	1014		216	11					71	70MB
SBE 9+		FLUOR S/N 2957		REMARKS		Transmissometer off at 600 m		might be in coco bloom		MAX. DEPTH = 66									
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																	
Nis No.	DEPTH DESIRED	Rosette Notes		SALT	Hydro Team-PMEL		-EMA RP		Eisner Imager	Paquin	Comments		Nis No.						
1	30	403		1406	Nut Btl O2-Btl No		Chloro->10 Chloro-GFF Duplicates						1						
2	30	1409		1409			288						2						
3	40	1410		1410			285						3						
4	30	1411		1411			289						4						
5	30	1412		1412			283						5						
6	10	1413		1413			279						6						
7	0	1414		1414	316		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 #: 183									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 183									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (am)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
665739.35N	169 01.34W	25 SEP 15	2139	8.3	96	1013		1911						69	M45
REMARKS															
Transmissometer off at 600 m															
2nd Salinity off from surface to ~12m on downcast															
seem to be out of coco bloom															
MAX. DEPTH = 63 m															
SBE 9+		FLUOR S/N		2957											
PRESS SN		SBE43-Oxy (prim)		161											
PRI TEMP SN		SBE43-Oxy (sec)		1876											
SEC TEMP SN		Transmissometer		CST 690PR											
PRI COND SN		PAR S/N		70296											
SEC COND SN		Turbidity		2957											
Nis No.	DEPTH DESIRED	SALT	Nut.Bil	O2-Bil.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									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 186									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
67	57 46.05 N	168 27.91 W	0004	8.2	96	1012		190	16					71	M4-E
REMARKS															
Transmissometer off at 600 m															
SBE 9+ _____ FLUOR SN 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 SN 70296 SEC COND SN 3127 _____ Turbidity 2957															
Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Nut Btl	O2-Btl No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.		
1	BOT			1422		CP							1		
2	50			1423				283					2		
3	40			1424				285					3		
4	30			1425				289					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		

TSG Chl Sample:

SSSai=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.										
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 191										
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 191										
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
6857	49.96 N	168 53.11 W	0244	8.497	1009	185	13	72	M-4	70M2						
REMARKS																
Transmissometer off at 600 m																
SBE 9+	FLUOR SIN	2957														
PRESS SN	SBE43-Oxy	prim 161														
PRI TEMP SN	SBE43-Oxy	(sec) 1876														
SEC TEMP SN	Transmissometer	CST 690PR														
PRI COND SN	PAR SIN	70296														
SEC COND SN	Turbidity	2957														
Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PMEL	Nut:Bill	O2-Bil.No	EMA- Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments				Nis No.
1	30f			1429	319			283							1	
2	50			1430				285							2	
3	40			1431				289							3	
4	30			1432				283							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													
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN														HR	MIN
69	58	04.11	N	168	43.45	W	26	SEP	15	04	29	8.2	98	1008		160	13	70	M4-N
REMARKS																			
Transmissometer off at 600 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																			
Nis No.	DEPTH DESIRED	Rosette Notes		SALT		Nut.Bil		O2-Bil.No		EMA		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.		
		SALT	Nut.Bil	O2-Bil.No	Chloro->10	Chloro->10													
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		

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 195									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 195									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
70	57 55.63 N	169 19.25 W	0650	8.4	98	1006			134	12				67	M4-W
SBE 9+	FLUOR SIN	2957	REMARKS												
PRESS SN	SBE43-Oxy (prim)	161	Transmissometer off at 600 m												
PRI TEMP SN	SBE43-Oxy (sec)	1876													
SEC TEMP SN	Transmissometer	CST 690PR													
PRI COND SN	PAR SIN	70296													
SEC COND SN	Turbidity	2957													
Nis No.	DEPTH	Rosette Notes	SALT	Nut BH	O2-BH	No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.	
1	BOT			1446			RP							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	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD.	CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
71	57 54.44 N	169 30.06 W	07 58	8.4	98	1005			131	10			68	70M23
	DEG MIN	DEG MIN	HR MIN	(°C)	(%)	(mb)			(deg)	(kts)			(m)	
REMARKS														
Transmissometer off at 600 m														
Slight spike in 2nd C @ 18 m														
Sampled @ 28 ins head of 30m diameter transmissometer														
Spike @ surface on primary														
MAX DEPTH = 62 m														
SBE 9+	FLUOR SN	2957												
PRESS SN	772													
PRI TEMP SN	2376													
SEC TEMP SN	4379													
PRI COND SN	2985													
SEC COND SN	3127													
Rosette Notes		Hydro Team-PMEL		EMA		Eisner Imager		Paquin		Comments		Nis		
DEPTH	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates							No.	
1 BOT		1453	322		283								1	
2 50		1454			285								2	
3 40		1455			289								3	
4 30		1456			283								4	
5 20		1457			27A								5	
6 10		1458			283								6	
7 0	406	1459											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 #:	
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE	
DEG	MIN	DEG	MIN	HR	MIN	DRY BULB (°C)	Relative Humidity (%)
72	58.02.61 N	169	40.36 W	09	03	8.198	100.4
BAROMETRIC PRESSURE		WIND DIRN		WIND SPD.		CLOUD (amt)	
772		118.9		69		70M24	
PRI TEMP SN 2376		VISIBILITY		WEATHER		BOTTOM DEPTH	
34379		118.9				69	
SEC TEMP SN 2985		SEA STATE		TYPE		STA. NAME/ID	
70296						70M24	
PAR S/N		EISNER IMAGER		Paquin		Comments	
70296							
SEC COND SN 3127		EISNER IMAGER		Paquin		Comments	
2957							
FLUOR S/N		EMA		Chloro->10		Chloro-GFF	
2957		Chloro->10		Duplicates		Duplicates	
SBE43-Oxy (prim 161)		Chloro->10		Duplicates		Duplicates	
SBE43-Oxy (sec) 1876		Chloro->10		Duplicates		Duplicates	
Transmissometer, CST 690PR		Chloro->10		Duplicates		Duplicates	
PAR S/N		Chloro->10		Duplicates		Duplicates	
70296		Chloro->10		Duplicates		Duplicates	
SEC COND SN 3127		Chloro->10		Duplicates		Duplicates	
2957		Chloro->10		Duplicates		Duplicates	
REMARKS							
Transmissometer off at 600 m							
Oxygen 2 messes up @ 30m on way up							
MAX. DEPTH = 64							
NIS		NIS		NIS		NIS	
No.		No.		No.		No.	
1		2		3		4	
2		3		4		5	
3		4		5		6	
4		5		6		7	
5		6		7		8	
6		7		8		9	
7		8		9		10	
8		9		10		11	
9		10		11		12	
10		11		12			
11							
12							

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.				
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 200				
LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB				
DEG	MIN	DEG	MIN	HR	MIN	(°C)				
73	58 08.92 N	169	55.29 W	26	SEP	18	98			
SBE 9+		FLUOR SN 2957		REMARKS		MAX. DEPTH = 66 m				
PRESS SN 772		SBE43-Oxy (prim) 181		Transmissometer off at 600 m						
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876		Skip O ₂ → Bottle Conservation						
SEC TEMP SN 4379		Transmissometer CST 690PR		30 m bottle now in 20 die to transmissometer						
PRI COND SN 2585		PAR SN 70296								
SEC COND SN 3127		Turbidity 2957								
NIS No	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		Eisner Imager		Paquin	Comments	NIS No
		SALT	Nut Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates			
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 #:	
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE	
DEG	MIN	DEG	MIN	HR	MIN	VISIBILITY	WIND DIRN (deg)
74	5816.93 N	170	05.61 W	15	1124	*	72
CONSC CAST #		DRY BULB		Barometric Pressure		WIND SPD.	
74	5816.93 N	Turbidity		(mb)		(kts)	
SBE 9+		FLUOR S/N		Turbidity		CLOUD (amt)	
PRESS SN 772		2957		2957		TYPE	
PRI TEMP SN 2376		SBE43-Oxy (prim) 161		SBE43-Oxy (sec) 1876		WEATHER	
SEC TEMP SN 4379		Transmissometer CST 690PR		PAR S/N 70296		BOTTOM DEPTH	
PRI COND SN 2985		Turbidity		2957		72	
SEC COND SN 3127		Turbidity		2957		MAX. DEPTH = 65	
DEPTH		Rosette Notes		Hydro Team-PMEL		Comments	
DESIRED		SALT	Nut Btl	O2-Btl No			
1 Bot			1474	324	EMA- R/R		
2 50			1475		Chloro->10		
3 40			1476		Chloro-GFF		
4 30			1477		Duplicates		
5 20			1479				
6 10			1479				
7 0			1480				
8							
9							
10							
11							
12							

REMARKS
Transmissometer off at 600 m

30m bottle @ around 32. due to thermocline

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #:	
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.	
DEG	MIN	DEG	MIN	HR	MIN	(deg)	(kts)
58	26.9	170	11.4	12	42	082	6
CONSC CAST #		DAY		MO		YR	
75		26		SEP		15	
SBE 9+		FLUOR SIN		2957		SEA STATE	
PRESS SN		SBE43-Oxy (prim)		161		VISIBILITY	
PRI TEMP SN		SBE43-Oxy (sec)		1876		* * *	
SEC TEMP SN		Transmissometer CST		690PR		CLOUD (amt)	
PRI COND SN		PAR SIN		70296		TYPE	
SEC COND SN		Turbidity		2957		* * *	
Nis		Rosette Notes		SALT		WIND SPD.	
No.		Hydro Team-PMEL		Nut Btl		* * *	
1		1491		O2-Btl No		WEATHER	
2		1482		SALT		* * *	
3		1483		Nut Btl		* * *	
4		1494		O2-Btl No		* * *	
5		1485		SALT		* * *	
6		1486		Nut Btl		* * *	
7		408		O2-Btl No		* * *	
8		1487		SALT		* * *	
9		325		Nut Btl		* * *	
10				O2-Btl No		* * *	
11				SALT		* * *	
12				Nut Btl		* * *	
Nis		EMA RP		Chloro->10		Chloro-GFF	
No.		Chloro->10		Duplicates		Paquin	
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
REMARKS							
Transmissometer off at 600 m							
Thermocline less flat @ 30m							
MAX DEPTH = 68 m							

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	
LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	
DEG	MIN	DEG	MIN	HR	MIN	(°C)	(°C)
76	58 36.98 N	170	16.61 W	13	50	7.798	1004
CONSC CAST #		DEPTH		WIND DIRN		WIND SPD	
		(m)		(deg)		(kts)	
		73		103		7	
SEA STATE		VISIBILITY		WIND DIRN		WIND SPD	
* * *		* * *		* * *		* * *	
Barometric Pressure (mb)		SEA STATE		WIND DIRN		WIND SPD	
1004		* * *		* * *		* * *	
Relative Humidity (%)		SEA STATE		WIND DIRN		WIND SPD	
7.798		* * *		* * *		* * *	
Type		SEA STATE		WIND DIRN		WIND SPD	
* * *		* * *		* * *		* * *	
Cloud (amt)		SEA STATE		WIND DIRN		WIND SPD	
* * *		* * *		* * *		* * *	
Bottom		SEA STATE		WIND DIRN		WIND SPD	
73		* * *		* * *		* * *	
Station Name/ID		SEA STATE		WIND DIRN		WIND SPD	
70M28		* * *		* * *		* * *	
Remarks		SEA STATE		WIND DIRN		WIND SPD	
Transmissometer off at 600 m		* * *		* * *		* * *	
MAX DEPTH = 67		* * *		* * *		* * *	

Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA R.P.		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
		SALT	Nut:Btl	O2-Btl	No	Chloro->10							
1	Bot		1488	326									1
2	50		1489				283						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	
LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	
DEG	MIN	DEG	MIN	HR	MIN	(°C)	
77	58 46.47 N	170	17.34 W	15	10	7.899	
REMARKS		Transmissometer off at 600 m		Barometric Pressure (mb)		WIND DIRN. (deg)	
SBE 9+		FLUOR SIN 2957		1004		050	
PRESS SN 772		SBE43-Oxy (prim 161)		Humidity (%)		WIND SPD (kts)	
PRI TEMP SN 2376		SBE43-Oxy (sec) 1876		7.899		5	
SEC TEMP SN 4379		Transmissometer CST 690PR		SEA STATE		CLOUD (amt)	
PRI COND SN 2986		PAR S/N 70296		VISIBILITY		TYPE	
SEC COND SN 3127		Turbidity 2957		WIND STATE		WEATHER	
Nis DEPTH		Hydro Team-PMEL		Eisner Imager		Comments	
No	DESIRED	SALT	Nut.Bil	O2-Bil.No	Paquin	Nis No.	
1	30		1495			1	
2	50		1496			2	
3	40		1497			3	
4	30		1499			4	
5	20		1499			5	
6	10		1500		✓	6	
7	0		1501	327		7	
8						8	
9						9	
10						10	
11						11	
12						12	

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #:									
						78									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
78	59 56.86 N	170 19.52 W	26 SEP 15 16 16	8.2	99	1004		025	Z					70	70M30
REMARKS															
Transmissometer off at 600 m															
SBE 9+ _____ FLUOR SIN 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 SIN 70296 SEC COND SN 3127 _____ Turbidity 2957															
Nis No	DEPTH DESIRED	Rosette Notes		SALT		Nut. Btl		O2-Btl.No		EMA R/P		Eisner Imager	Paquin	Comments	Nis No
		Hydro Team-PMEL		Chloro->10		Chloro-GFF		Duplicates							
1	150	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		1508							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 #: 209						
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.						
DEG	MIN	DEG	MIN	HR	MIN	(deg)	(kts)					
79	59.06.33 N	170	14.79 W	17	32	099	9					
CONSC CAST #		DRY BULB		SEA STATE		WIND SPD.						
79		(°C)		* * *		* * *						
SBE 9+		RELATIVE HUMIDITY		BAROMETRIC PRESSURE		WEATHER						
PRESS SN 772		%		(mib)		* * *						
PRI TEMP SN 2376		TIME (GMT)		VISIBILITY		TYPE						
SEC TEMP SN 4379		HR		* * *		* * *						
PRI COND SN 2985		MO		* * *		* * *						
SEC COND SN 3127		YR		* * *		* * *						
FLUOR SN 2957		DAY		* * *		* * *						
SBE43-Oxy (prim) 161		26		* * *		* * *						
SBE43-Oxy (sec) 1876		SEP		* * *		* * *						
Transmissometer CST 690PR		15		* * *		* * *						
PAR SN 70296		5		* * *		* * *						
Turbidity 2957		17		* * *		* * *						
REMARKS		MAX. DEPTH = 62 m		TRANSMISSOMETER OFF AT 600 m								
NIS No.	DEPTH DESIRED	ROSETTE NOTES	SALT	Nut BI	O2-BI/No	EMA+ Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No.
1	Bot			1509								1
2	50			1510			293					2
3	40			1511			295					3
4	30			1512			289					4
5	20			1513			282					5
6	10			1514			279		✓			6
7	0			1515	069		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 #: 210	
LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	
DEG MIN		DEG MIN		HR MIN		°C	
59 14.85 N		170 24.86 W		18 40		7.6991004	
CONSC CAST #		FLUOR S/N		Barometric Pressure (mb)		WIND DIRN	
80		2957		7.6991004		088	
SBE 9+		SBE43-Oxy (prim) 161		Humidity (%)		WIND SPD	
PRESS SN 772		SBE43-Oxy (sec) 1876		7.6991004		8	
PRI TEMP SN 2376		Transmissometer CST 690PR		Relative Humidity (%)		CLD (amt)	
SEC TEMP SN 4379		PAR S/N 70296		7.6991004		WEATHER	
PRI COND SN 2985		Turbidity 2957		REMARKS		TYPE	
SEC COND SN 3127				Transmissometer off at 600 m		SEA STATE	
				30 m Sample @ 27 dm to transmissometer		VISIBILITY	
						WIND DIRN	
						WIND SPD	
						CLD (amt)	
						WEATHER	
						BOTTOM	
						DEPTH	
						STA NAME/ID	
						70M32	
						MAX DEPTH = 62 m	

Nis No.	DEPTH	Rosette Notes	Hydro Team-PMEL		SALT	Nut.Bil	O2-Bil.No	EMA + RP		Eisner Imager	Requid	Comments	Nis No.
			Chloro->10	Chloro-GFF				Duplicates					
1	Bot		1516	088				Stoked			RP #3	Essay C + NO ₃	1
2	50		1517				290	283				1/L bottles	2
3	40		1519				290	285				1/L	3
4	30		1519				290	284		V		1/L more like 27m	4
5	20		1520				290	283				1/L	5
6	10		1521				290	279		V		1/L	6
7	0		1522		410		290	283				1/L	7
8													8
9													9
10													10
11													11
12													12

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TSG Chl Sample:

VESSEL		CRUISE ID				PROJECT & LEG				STATION NO.																					
NOAA SHIP OSCAR DYSON		DY1508/1509				BASIS 2015 Fall Pollock Survey				CLAMS Event #: 212																					
LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB		Relative Humidity		Barometric Pressure		SEA STATE		VISIBILITY		WIND DIRN		WIND SPD		CLOUD (amt)		TYPE		WEATHER		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		%		(mb)		*		(deg)		(kts)		*		*		*		(m)		70M33			
81 59 20.13 N		170 39.42 W		26 SEP 15		19 53		7.699		1004				96		11										70		70M33			
SBE 9+		FLUOR S/N		2957		REMARKS																				MAX DEPTH = 63					
PRESS SN		SBE43-Oxy (prim)		181		Transmissometer off at 600 m																									
PRI TEMP SN		SBE43-Oxy (sec)		1876		2nd salinity offset around 40m to surface upcast																									
SEC TEMP SN		Transmissometer		CST 690PR																											
PRI COND SN		PAR S/N		70296																											
SEC COND SN		Turbidity		2957																											
DEPTH		Rosette Notes		SALT		Hydro Team-PMEL		EMA		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Comments		Nis No.											
DESIRED						Nut.Btl		O2-Btl.No		Chloro->10																					
1 BOT						1523				293										1											
2 50						1524				285								more like 48m		2											
3 40						1525				289										3											
4 30						1526				293										4											
5 20						1527				279										5											
6 10						1528				283										6											
7 0						1529		091												7											
8																				8											
9																				9											
10																				10											
11																				11											
12																				12											

TSG Chl Sample:

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VESSEL		CRUISE ID		PROJECT & LEG		STATION NO									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 213									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
82	59 26.10 N	170 54.57 W	21 02	7.5	99	1004			79	13				73	70M34
REMARKS		Transmissometer off at 600 m		MAX. DEPTH = 67 m											
SBE 9+		FLUOR S/N 2957		EMA RP		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Nis No.	
PRESS SN 772		SBE43-Oxy (prim 161)		Chloro->10											
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													
NIS DEPTH	Rosette Notes	Hydro Team-PMEL		SALT		Nut.Bil		O2-Bil.No		Chloro->10		Chloro-GFF		Duplicates	
DESIRED															
1	BOT	411		1530		102									
2	50			1531						283					
3	40			1532						285					
4	30			1533						289					
5	20			1534						283					
6	10			1535						279					
7	0			1536						283					
8															
9															
10															
11															
12															

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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	
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN	
DEG	MIN	DEG	MIN	HR	MIN	(deg)	(m)
83	59 35.79 N	170	55.64 W	22	24	82	72
CONSC CAST #		DRY BULB		SEA STATE		WIND SPD	
83		7.299		1003		18	
SBE 9+		FLUOR SN		Barometric Pressure		CLAMP (amt)	
PRESS SN		2957		(mb)		TYPE	
PRI TEMP SN		SBE43-Oxy (prim) 161		Humidity		WEATHER	
SEC TEMP SN		SBE43-Oxy (sec) 1876		Relative Humidity		BOTTOM	
PRI COND SN		Transmissometer CST 690PR		(%)		STA NAME/ID	
SEC COND SN		PAR SN		(^C)		72 70M35	
		Turbidity		7.299		MAX DEPTH = 66 m	
		2957		REMARKS			
		2957		Transmissometer off at 600 m			
Rosette Notes		Hydro Team-PMEL		EMMA RP		Comments	
SALT		Nut Btl		Chloro->10		Paquin	
1537		O2-Btl No		Chloro-GFF		Eisner Imager	
1538		1537		283			
1539		1538		285			
1540		1539		289			
1541		1540		283			
1542		1541		279			
1543		1542		283			
127		1543					
Nis No		Nis No		Nis No		Nis No	
1 Bot		1		1		1	
2 SD		2		2		2	
3 40		3		3		3	
4 30		4		4		4	
5 20		5		5		5	
6 10		6		6		6	
7 0		7		7		7	
		8		8		8	
		9		9		9	
		10		10		10	
		11		11		11	
		12		12		12	

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TSG Chl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.																	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		216																	
				CLAMS Event #:		84																	
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	(deg)	(kts)	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID						
84	59 43.15 N	171 08.61 W	23 39	6.9	99	1003		74	18			72				72	70M36						
REMARKS		Transmissometer off at 600 m																					
Transmissometer spike at 20 m and 14 m upcast																							
SBE 9+		FLUOR SIN		2957																			
PRESS SN		772		SBE43-Oxy (prim)		161																	
PRI TEMP SN		2376		SBE43-Oxy (sec)		1876																	
SEC TEMP SN		4379		Transmissometer		CST 680PR																	
PRI COND SN		2985		PAR SIN		70296																	
SEC COND SN		3127		Turbidity		2957																	
Rosette Notes		SALT		Nut. Btl		O2-Btl. No		EMA		Chloro->10		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Comments		Nis No.	
1 BOT				1544		144		R.P														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								
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 218								
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	WIND DIRN	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
85	59 42.45 N	171 29.95 W	01 49	6.9	99	1001		67	27				75	MS-S
	DEG MIN	DEG MIN	HR MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	*	(m)	
	MAX. DEPTH = 68													
REMARKS														
Transmissometer off at 600 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														
Nis No	DEPTH	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No	
1	Bot			1551		Chloro->10							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		220												
				CLAMS Event #:		86												
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric Pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM	DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN														
86	59	46.95	N	171	26.73	W	27	S	15	02	49	6.5	99	1000	65	29	74	70M37
REMARKS																		
Transmissometer off at 600 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																		
Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		-EMA RP		Eisner Imager	Paquin	Comments	Nis No.							
		SALT	Nut.Bil	O2-Bil.No	Chloro->10	Chloro-GFF	Duplicates											
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							

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.								
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #:								
				22		87								
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
87	53.60 N	171 15.99 W	0446	6.2	100	998		64	31				72	M5-E
	DEG MIN	DEG MIN	HR MIN	(°C)	(%)	(mb)		(deg)	(kts)				(m)	
	MAX. DEPTH = 67													
REMARKS														
Transmissometer off at 600 m														
SBE 9+	FLUOR SN	2957												
PRESS SN	SBE43-Oxy (prim)	161												
PRI TEMP SN	SBE43-Oxy (sec)	1876												
SEC TEMP SP	Transmissometer CST	690PR												
PRI COND SN	PAR SN	70296												
SEC COND SI	Turbidity	2957												
Nis No	DEPTH DESIRED	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No	
1	Bot			1565		RP		283					1	
2	80			1566				285					2	
3	40			1567				289					3	
4	30			1568				283					4	
5	20			1569				279					5	
6	10			1570				283					6	
7	0			1571	179								7	
8													8	
9													9	
10													10	
11													11	
12													12	

SST=

SSSal=

TSG Ctl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.																			
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 226																			
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 226																			
CONSC CAST #	LATITUDE	DEG	MIN	DEG	MIN	LONGITUDE	DEG	MIN	TIME (GMT)	HR	MIN	DRY BULB	RELATIVE HUMIDITY	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
8859	52.87	N	171	43.63	W	27	S	E	15	22	17	4.8	82	1000		349	23					72	M5		
SBE 9+	FLUOR S/N	2957		REMARKS		Transmissometer off at 600 m																			
PRESS S/N	SBE43-Oxy (prim)	181		Nut Bottle 1572 thru out																					
PRI TEMP S/N	SBE43-Oxy (sec)	1876		No bottom nut, O2 questionable																					
SEC TEMP S/N	Transmissometer	CST 690PR																							
PRI COND S/N	PAR S/N	70296																							
SEC COND S/N	Turbidity	2957																							
NIS No.	DEPTH	Rosette Notes		SALT		Nut.Bil		O2-Bil.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	

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TSG Chl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.							
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		228							
CLAMS Event #:		89		CLAMS Event #:		89							
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
89	6004.61 N	17200.30 W	0036	4.6	56	1002	334	27				64	MS-N
REMARKS													
Transmissometer off at 600 m													
TSG Chla at 00:37 2600/57 280 ml													
MAX. DEPTH = 57 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													
Nis	DEPTH	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis
No	DESIRED					Chloro->10							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

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.										
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		230										
				CLAMS Event #:		90										
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (am)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
90	59 54.10 N	172 09.90 W	0233	4.8	59	1004		336	22					74	115-W	
REMARKS																
Transmissometer off at 600 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																
Nis No.	DEPTH DESIRED	Rosette Notes		SALT		Hydro Team-PMEL		EMA RP		Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.
		Nut.Btl	O2-Btl.No	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates								
1	BOT			415	1589	212					283					1
2	50				1590						285					2
3	40				1591						289					3
4	30				1592						283					4
5	20				1593						279					5
6	10				1594						283					6
7	0				1595											7
8																8
9																9
10																10
11																11
12																12

TSG Chl Sample:

SSSat=

SSST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		232									
				CLAMS Event #:		91									
CONSCAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
91	54.64 N	172.25.54 W	04 08	5.6	60	1005		325	19	75				75	70M40
REMARKS															
Transmissometer off at 600 m															
SBE 9+ _____ FLUOR SIN 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 SIN 70296 _____ SEC COND SN 3127 _____ Turbidity 2957 _____															
Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA		Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.	
		SALT	Nut.Bil	O2-Bil	No	Chloro->10	Duplicates								
1	BOT		1596						283					1	
2	50		1597						285					2	
3	40		1598						289					3	
4	30		1599						283					4	
5	20		1600						279					5	
6	10		1601						283					6	
7	0		1602											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		233												
CLAMS Event #:		CLAMS Event #:		CLAMS Event #:		CLAMS Event #:												
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID			
92	58.69 N	172 44.51 W	0541	4.7	60	1006		321	19					69	70M41			
REMARKS																		
Transmissometer off at 600 m																		
SBE 9+ _____ FLUOR S/N 2957 PRESS SN 772 _____ SBE43-Oxy (prin) 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																		
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL		EMA		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Comments		Nis No.
	DESIRED	SALT	Nut.Bil	O2-Bil.No	Chloro->10	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.						
1	BOT		1603	222			283					1						
2	50		1604				285					2						
3	40		1605				289					3						
4	30		1606				283					4						
5	20		1607				279					5						
6	10		1608				283					6						
7	0	416	1609									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		235										
CLAMS Event #:		93		CLAMS Event #:		93										
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
93	60 02.17 N	173 00.61 W	07 10	3.3	82	1006			319	10				68	70M42	
REMARKS																
Transmissometer off at 600 m																
Salinity offset on upcast																
MAX. DEPTH = 63 m																
SBE 9+		FLUOR S/N		2957		EMA RP		Chloro->10		Chloro-GFF		Duplicates		Eisner Imager		
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												
NIS No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		SALT		Nut. BU		O2-Btl. No		Paquin		Comments		NIS No.
1	BOT							1610								1
2	50							1611								2
3	40							1612								3
4	30							1613								4
5	20							1614								5
6	10							1615								6
7	0							1616		224						7
8																8
9																9
10																10
11																11
12																12

TSG Chl Sample:

SSSal=

SST=

VESSEL NOAA SHIP OSCAR DYSON		CRUISE ID DY1508/1509		PROJECT & LEG BASIS 2015 Fall Pollock Survey		CLAMS Event #: 236		STATION NO. 94	
CONSC CAST # 94		LATITUDE 60° 05.77' N		LONGITUDE 173° 19.02' W		TIME (GMT) 0824		DRY BULB (°C) 2.393	
DEG MIN		DEG MIN		HR MIN		RELATIVE HUMIDITY (%)		BAROMETRIC PRESSURE (mb)	
94		05.77		173.19		0824		2.393	
DATE 28 SEP 15		WIND DIRN (deg)		WIND SPD (kts)		SEA STATE		VISIBILITY	
28		293		20		2		20	
REMARKS Transmissometer off at 600 m Oxygen sensors not separated		FLUOR SN 2957		PAR SN 70296		TURBIDITY 2957		MAX DEPTH = 64 m	
SBE 9+		SBE43-Oxy (prim) 161		SBE43-Oxy (sec) 1876		Transmissometer CST 690PR			
PRESS SN 772		PRI TEMP SN 2376		SEC TEMP SN 4379		PRI COND SN 2985			
PRI COND SN 2985		SEC COND SN 3127							

NIS No.	DEPTH DESIRED	Rosette Notes		SALT		Hydro Team-PMEL		EMA		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No.
		417	1617	1618	1619	1620	1621	1622	1623						
1	30			417	1617	1618	1619	1620	1621	1622	1623				1
2	50														2
3	40														3
4	30														4
5	20														5
6	10														6
7	0														7
8															8
9															9
10															10
11															11
12															12

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 238									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 238									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
95	60 14.98 N	173 31.47 W	0956	2.7	90	1007			331	20				69	Tommy
SBE 9+															MAX DEPTH = 64 m
PRESS SN	772														
PRI TEMP SN	2376														
SEC TEMP SN	4379														
PRI COND SN	2985														
SEC COND SN	3127														
REMARKS															
Transmissometer off at 600 m															
Skip O ₂ for bottle comparison															
NIS	DEPTH	Rosette Notes	SALT	Nut.BI	O2-BI	No	EMA R.P.	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No	
1	BOT			1624										1	
2	50			1625					283					2	
3	40			1626					285					3	
4	30			1627					280					4	
5	20			1628					283					5	
6	10			1629					274					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									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 239									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
96	60 25.35 N	173 35.70 W	1110	2.6	82	1007			337	15				65	70M45
REMARKS															
Transmissometer off at 600 m															
Thermocline Right @ 30m - 30m bottle move 11:08															
MAX. DEPTH = 60 m															
SBE 9+		FLUOR SIN		2957		SBE43-Oxy (prim)		161		SBE43-Oxy (sec)		1676		Transmissometer CST 690PPR	
PRESS SN		772		PAR SIN		70296		Turbidity		2957					
PRI TEMP SN		2376		SEC TEMP SN		4379									
PRI COND SN		2985		SEC COND SN		3127									
Rosette Notes		SALT		Nut.Btl		O2-Btl No		Chloro->10		Chloro-GFF		Duplicates		Eisner Imager	
1 BOT				1631											
2 50				1637						283					
3 40				1643						285					
4 30				1639						284					
5 20				1635						287					
6 10				1636						279					
7 0				418 1637 294						313					
8															
9															
10															
11															
12															

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 241	
LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	
DEG	MIN	DEG	MIN	HR	MIN	(°C)	(%)
97	34.47 N	173	38.57 W	12	30	3.3	68
CONSC CAST #		FLUOR SIN		Barometric Pressure		WIND DIRN.	
		2957		(mb)		(deg)	
		SBE43-Oxy (prim 161)		100.8		320	
		SBE43-Oxy (sec) 1876		Humidity		WIND SPD	
		Transmissometer CST 690PR		SEA STATE		(kts)	
		PAR SIN		VISIBILITY		CLOUD (amt)	
		70296		*		*	
		SEC COND SI 3127		Turbidity		WEATHER	
		2957		2957		BOTTOM	
						(m)	
						67	
						70M46	
REMARKS							
Transmissometer off at 600 m							
Lots of heave loops							
MAX. DEPTH = 62 m							

Nis No	DEPTH	Rosette Notes		Hydro Team-PMEL		EMPA RP		Eisner Imager	Paquin	Comments	Nis No
		SALT	Nut.BI	O2-BI/No	Chloro->10	Chloro-GFF	Duplicates				
1	Bot		1628	167							1
2	50		1639			283					2
3	40		1640			283					3
4	30		1641			279					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=

SSSaf=

TSG Ctl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 242	
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE	
DEG	MIN	DEG	MIN	HR	MIN	DRY BULB	Relative Humidity
60	44.51	173	39.16	13	44	1.6	93
CONSC CAST #		DAY		MO		YR	
98		28		SEP		15	
SBE 9+		FLUOR SIN		2957		REMARKS	
PRESS SN		772		SBE43-Oxy (prim 161)		Transmissometer off at 600 m	
PRI TEMP SN		2376		SBE43-Oxy (sec) 1876		Loopy due to rolls	
SEC TEMP SN		4379		Transmissometer CST 690PR		Thermal height @ 30m Fixed bottom @ 28m	
PRI COND SN		2985		PAR SIN		70296	
SEC COND SN		3127		Turbidity		2957	
DEPTH DESIRED		SALT		Nut Bil		O2-Btl No	
1 Bot		419		1545			
2 50				1646			
3 40				1547			
4 30				1648			
5 20				1649			
6 10				1650			
7 0				1651		345	
8							
9							
10							
11							
12							

TSG Ctl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #:	
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE	
DEG	MIN	DEG	MIN	HR	MIN	WIND DIRN. (deg)	WIND SPD. (kts)
099	6054.47 N	173	49.53 W	15	18	316	15
CONSC CAST #		DRY BULB		Barometric Pressure		BOTTOM DEPTH	
		TEMP (°C)		(mb)		(m)	
		19		79		81	
REMARKS		DATE		RELATIVE HUMIDITY (%)		MAX. DEPTH =	
Transmissometer off at 600 m		28 SEP 15		79		75	
SBE 9+		FLUOR S/N 2957		VISIBILITY			
PRESS S/N 772		SBE43-Oxy (prim) 161		* * *			
PRI TEMP S/N 2376		SBE43-Oxy (sec) 1876		* * *			
SEC TEMP S/N 4379		Transmissometer CST 690PR		* * *			
PRI COND S/N 2985		PAR S/N 70298		* * *			
SEC COND S/N 3127		Turbidity 2957		* * *			
Nis No.		Hydro Team-PMEL		Eisner Imager		Comments	
		SALT		Chloro->10			
		Nut.Bil		Chloro-GFF			
		O2-Bil.No		Duplicates			
1 BOT		1652 078					
2 50		1653		293			
3 40		1654		285			
4 30		1655		289			
5 20		1656		283			
6 10		1657		279			
7 0		1658		283			
8							
9							
10							
11							
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									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 245									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
100	61 03.92 N	173 49.78 W	1636	2.278	100%	1008	1	1	276	11				77	70M19
REMARKS															
Transmissometer off at 600 m															
NO Oxy - Running out of bottles															
Bottle 5 Run dry when I had to leave the															
scene abrupt due to two-blocked Bongs															
MAX. DEPTH = 73 m															
SBE 9+		FLUOR S/N		2957											
PRESS SN		SBE43-Oxy (pim 161)													
PRI TEMP SN		SBE43-Oxy (sec) 1876													
SEC TEMP SN		Transmissometer CST 690PR													
PRI COND SN		PAR S/N		70296											
SEC COND SN		Turbidity		2957											
Rosette Notes		Hydro Team-PMEL		EMA RF											
DEPTH		SALT		Nut.Btl		O2-Btl.No		Chloro->10		Chloro-GFF		Duplicates		Eisner Imager	
No. DESIRED															
1				1659											
2				Hold						283					
3				Hold						285					
4				Hold						289					
5				Hold						283					
6				Hold						LA					
7				1420						283					
8															
9															
10															
11															
12															

SST=

SSSal=

TSG Ctl Sample:

Notes not sampled

VESSEL		CRUISE ID			PROJECT & LEG			STATION NO.																									
NOAA SHIP OSCAR DYSON		DY1508/1509			BASIS 2015 Fall Pollock Survey			CLAMS Event #: 247																									
		LONGITUDE			TIME (GMT)			SEA STATE		VISIBILITY		WIND DIRN		WIND SPD.		CLOUD (amt)		WEATHER		BOTTOM DEPTH		STA. NAME/ID											
		LATITUDE		DEG		MIN		DAY		MO		YR		HR		MIN		°		%		(m)		70M50									
101		6114.96N		17		344.46W		28		SEP		15		18		34		3.6		63		1009		340		15		75					
SBCE 9+		FLUOR S/N		2957		REMARKS																				MAX. DEPTH = 70 m							
PRESS SN		772		SBE43-Oxy (prim)		1876																											
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																											
Nis No.	DEPTH DESIRED	Roseette Notes	Hydro Team-PMEL				EMA		Chloro-GFF	Duplicates	Eisner Imager	Bequith	Comments	Nis No.																			
			SALT	Nut:Btl	O2:Btl	No.	Chloro->10																										
1	30f			1666					Stashed chl				1																				
2	50			1667				282	290 -			exp 4	2																				
3	40			1668				285	290 -			0.5L	3																				
4	30			1669				287	290 -			0.5L	4																				
5	20			1670				283	290 -	✓		0.5L	5																				
6	10			1671				279	290 -	✓		0.5L	6																				
7	0			1672				283	290 -			0.5L	7																				
8													8																				
9													9																				
10													10																				
11													11																				
12													12																				

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 248	
LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN	
DEG	MIN	DEG	MIN	HR	MIN	(deg)	(m)
102	61 24.63 N	173	44.17 W	19	46	336	76
CONSC CAST #		DRY BULB		SEA STATE		WEATHER	
		("C)		* * *		TYPE	
		3.9		67		CLOUD (amt)	
		10.10					
		Barometric Pressure (mb)		* * *		WIND SPD	
		1010				16	
		Relative Humidity (%)		* * *		BOTTM DEPTH	
		67				76	
		Transmissometer off at 600 m				STA. NAME/ID	
		2nd oxygen spike 50m to 40m upcast				BMSI	
		2nd salinity spike 35m to 30m upcast				MAX. DEPTH = 70 m	
REMARKS		FLUOR S/N		Chloro-GFF		Paquin	
		2957					
		SBE43-Oxy (prim 161)		Chloro->10		Eisner Imager	
		1876					
		SBE43-Oxy (sec) 1876		Duplicates			
		690PR					
		PAR S/N		Chloro->10			
		70286					
		Turbidity		EMA RT			
		2957					
Nis		Rosette Notes		Hydro Team-PMEL		Comments	
No.		SALT		Nut.Bil		No.	
1		421		1673		1	
2				1674		2	
3				1675		3	
4				1676		4	
5				1677		5	
6				1678		6	
7				1679		7	
8						8	
9						9	
10						10	
11						11	
12						12	

SST= SSSal= TSG Ctl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		250									
CLAMS Event #:		103													
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
103	61 33.55 N	173 42.80 W	21 26	3.1	77	1011		320	13					74	70M52
REMARKS															
Transmissometer off at 600 m															
SBE 9+		FLUOR SIN		2957											
PRESS SN		SBE43-Oxy (prim 161)													
PRI TEMP SN		SBE43-Oxy (sec) 1876													
SEC TEMP SN		Transmissometer CST 690PR													
PRI COND SN		PAR SIN		70296											
SEC COND SN		Turbidity		2957											
Nis No.	DEPTH	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Ineger	Paquin	Comments	Nis No.		
1	BOT			1680				283					1		
2	50			1681				285					2		
3	40			1682				289					3		
4	30			1683				283					4		
5	20			1684				279					5		
6	10			1685				283					6		
7	0			1686	113								7		
8													8		
9													9		
10													10		
11													11		
12													12		

TSG Ctl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		251									
				CLAMS Event #:		104									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA NAME/ID
104	61 43.61 N	173 51.47 W	23 01	2.7	83	1012			340	14				73	70M53
SBE 9+	FLUOR S/N	2957	REMARKS												
PRESS S/N	SBE43-Oxy (prim)	161	Transmissometer off at 600 m												
PRI TEMP S/N	SBE43-Oxy (sec)	1876	Salinity offset on upcast												
SEC TEMP S/N	Transmissometer	CST 690PR	TSG chl a collected at 23:03 chl count = 136												
PRI COND S/N	PAR S/N	70296													
SEC COND S/N	Turbidity	2957													
NIS DEPTH	Rosette Notes	Hydro Team-PMEL	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No.					
1	BOT	SALT	1687	195	283					1					
2	50		1688		285					2					
3	40		1689		289					3					
4	30		1690		283					4					
5	20		1691		279		✓			5					
6	10		1692		283		✓			6					
7	0		422	1693						7					
8										8					
9										9					
10										10					
11										11					
12										12					

SST=

SSSal=

TSG Chtl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.																	
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		253																	
CLAMS Event #:		105																					
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM	STA. NAME/ID						
	DEG	MIN	DEG	MIN														HR	MIN	(°C)	(%)	(mb)	*
105	61	51.58	N	174	05.64	W	29	S	EP	1	5	00	48	3.8	67	10	11	3	12	20	73	70	154
SBE 9+	FLUOR S/N		2957		REMARKS																		
PRESS SN	772		SBE43-Oxy (prim 161)		Transmissometer off at 600 m																		
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																		
Nis No	DEPTH	Rosette Notes		Hydro Team-PMEL		-EMA- R ²		Eisner Imager		Paquin	Comments	Nis No											
		SALT	Nut Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates																
1	807		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																											
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 254																											
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 254																											
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 254																											
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		Relative Humidity		Barometric Pressure		SEA STATE		VISIBILITY		WIND DIRN.		WIND SPD.		CLOUD (amt)		TYPE		WEATHER		BOTTOM		DEPTH		STA. NAME/ID	
1066156.61N		17422.39W		29 SEP 15		0220		3.9		68		1011				295		25								74		70M55					
SBE 9+		FLUOR SIN		2957		REMARKS		Transmissometer off at 600 m																						MAX DEPTH = 69 m			
PRESS SN		772		SBE43-Oxy (prtm)		161																											
PRI TEMP SN		2376		SBE43-Oxy (sec)		1876																											
SEC TEMP SN		4379		Transmissometer		CST 690PR																											
PRI COND SN		2985		PAR SIN		70296																											
SEC COND SI		3127		Turbidity		2957																											
Nis		DEPTH		Rosette Notes		SALT		EMA		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Comments		Nis													
No		DESIRED						Chloro->10												No.													
1		BOT		423		1701		281		283										1													
2		50		1702						285										2													
3		40		1703						289										3													
4		30		1704						283										4													
5		20		1705						279										5													
6		10		1706						283										6													
7		0		1707						✓										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									
LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DEG	MIN	HR	MIN	(°C)	(%)	(mb)	*	(deg)	(kts)	*	*	*	(m)		
107	58.42	174	36.96	29	03	38	3.8	67	10	12		302	20				77	M8-S	
REMARKS		Transmissometer off at 600 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																	
Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA RP		Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis No.						
		SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro->10													
1	Bot		1708					283					1						
2	50		1709					285					2						
3	40		1710					289				more like 25 m	3						
4	30		1711					283					4						
5	20		1712					279					5						
6	10		1713					283					6						
7	0		1714	284									7						
8													8						
9													9						
10													10						
11													11						
12													12						

SST= SSSa= TSG Chi Sample:



VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		258									
				CLAMS Event #:		108									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
108	62 01.65 N	174 39.58 W	0442	3.8	67	1012		289	17					76	70M56
															MAX. DEPTH = 72
SBE 9+	FLUOR S/N	2957	REMARKS												
PRESS S/N	SBE43-Oxy (prim 161)		Transmissometer off at 600 m												
PRI TEMP S/N	SBE43-Oxy (sec) 1876														
SEC TEMP S/N	Transmissometer CST 690PR														
PRI COND S/N	PAR S/N	70296													
SEC COND S/N	Turbidity	2957													
Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	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			983					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									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 259									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
109	62 12.05 N	174 17.82 W	06 35	4.3	68	1011		300	24				69	M8-E	
	DEG MIN	DEG MIN	HR MIN	(°C)	(%)	(mb)	* * *	(deg)	(kts)	*	*	*	(m)		
	DAY	MO	YR	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MAX DEPTH =	
	29	SEP	15	06	35	4.3	68	1011	300	24			69	64	
REMARKS															
Transmissometer off at 600 m															
2nd salinity offset on upcast															
1st salinity offset last 27m of upcast															
EMA RP															
NIS No.	DEPTH	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No.			
1	BOT			1722			283					1			
2	50			1723			285					2			
3	40			1724			289					3			
4	30			1725			283					4			
5	20			1726			279					5			
6	10			1727			283					6			
7	0			1728	347							7			
8												8			
9												9			
10												10			
11												11			
12												12			

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.																			
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 264																			
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 264																			
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 264																			
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	YR	HR	MIN	TIME (GMT)	DRY BUILB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD.	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID	
1106211.52N	17445.56W	17	45.56	29	17	45.56	29	SEP	15	09	27	4.7	58	1011	306	23	73	M8	73	M8	73	M8	73	M8	
REMARKS		Transmissometer off at 600 m		Duplicate @ 22 m - skip 20 due to redrawing		30 m - unable to avoid pre-machine																		MAX. DEPTH = 67	
SBE 9+		FLUOR S/N		2957																					
PRESS SN		SBE43-Oxy		prim 161																					
PRI TEMP SN		SBE43-Oxy		sec 1876																					
SEC TEMP SN		Transmissometer		CST 690PR																					
PRI COND SN		PAR S/N		70296																					
SEC COND SN		Turbidity		2957																					
NIS No.	DEPTH DESIRED	Rosette Notes		SALT		Nut.Bil		O2-Bil.No		Chloro->10		Chloro-GFF		Duplicates		Eisner Imager		Paquin		Comments		NIS No.			
1	BOT					1729		350														1			
2	50					1730						273										2			
3	40					1731						293										3			
4	30					1732						293										4			
5	22					1733						295										5			
6	22					1734						289										6			
7	22					1735						283										7			
8	10					1736						279										8			
9	0					425						293										9			
10																						10			
11																						11			
12																						12			

SST= SSSat= TSG Chl Sample:

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.													
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 266													
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 266													
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN.	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
111	62 11.81 N	17	51.99	W 29	11	54	11:54	4.761	1011	1011		28219	78	M8-W				78	M8-W
SBE 9+	FLUOR S/N	2957		REMARKS		Transmissometer off at 600 m													
PRESS S/N	SBE43-Oxy (prim)	161																	
PRI TEMP S/N	SBE43-Oxy (sec)	1876																	
SEC TEMP S/N	Transmissometer	CST 690PR																	
PRI COND S/N	PAR S/N	70296																	
SEC COND S/N	Turbidity	2957																	
Nis	DEPTH	Rosette Notes	SALT	Hydro Team-PMEL	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	Nis								
No.	DESIRED			Nut. Blt	O2-Blt. No						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	
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE	
DEG	MIN	DEG	MIN	HR	MIN	SEA STATE	SEA STATE
112.622509	N	174.4245	W	13	43		
CONSC CAST #		DRY BULB (°C)		WIND DIRN. (deg)		WIND SPD.	
112		4.860		304		31	
SBE 9+		FLUOR S/N		VISIBILITY		CLLOUD (amt)	
		2957					
PRESS SN		SBE43-Oxy (prim)		SAROMATIC PRESSURE (mb)		TYPE WEATHER	
772		161		1010			
PRI TEMP SN		SBE43-Oxy (sec)		RELATIVE HUMIDITY (%)		BOTTOM DEPTH (m)	
2376		1876		1010		71	
SEC TEMP SN		Transmissometer CST		MAX. DEPTH (m)		STA. NAME/ID	
4379		690PR		600		M8-N	
PRI COND SN		PAR S/N		REMARKS			
2985		70286		Transmissometer off at 600 m			
SEC COND SN		Turbidity					
3127		2957					

Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA RF		Eisner Imager	Paquin	Comments	Nis No.
		SALT	Nut. Btl	O2-Btl No	Chloro->10	Chloro-GFF	Duplicates				
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		270													
				CLAMS Event #:		113													
CONSC CAST #	LATITUDE	DEG	MIN	LONGITUDE	DEG	MIN	TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric Pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
113	59 30.03 N	170	59.89	W 30	SEP	15	06 52	6.072	1013				333	5				74	
REMARKS																			
Transmissometer off at 600 m																			
In-live Chl-a collected from TSG																			
First BAB station after 70 m isobath																			
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 680PR PRI COND SN 2985 _____ PAR S/N 70296 SEC COND SN 3127 _____ Turbidity 2957																			
Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Nut.Btl	O2-Btl.No	EMA		Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments		Nis No.				
1	BOT		426	1752					290						1				
2	SD			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				

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #:									
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #:									
CONSC CAST #	LATITUDE	LONGITUDE	TIME (GMT)	DRY BULB	Relative Humidity	Barometric Pressure	SEA STATE	VISIBILITY	WIND DIRN	WIND SPD	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STA. NAME/ID
114	58 59.84 N	177 00.31 W	1054	6.0	94	1016		318	4					76	114
SBE 9+	FLUOR S/N	2957	REMARKS	Transmissometer off at 600 m											
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												
NIS No.	DEPTH	ROSETTE Notes	SALT	Nut.Btl	O2-Btl.No	EMA	Chloro->10	Chloro-GFF	Duplicates	Eisner Imager	Paquin	Comments	NIS No.		
1	BOT			1759		240							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		

TSG Chl Sample:

SSSal=

SST=

VESSEL		CRUISE ID		PROJECT & LEG		STATION NO.														
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 276														
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric Pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID			
	DEG	MIN	DEG	MIN														HR	MIN	HR
115	58	30.04	N	171	00.27	W	30	S	E	P	1	5	14	48	6.675	1019	299	7	82	115
REMARKS																				
Transmissometer off at 600 m																				
SBE 9+	FLUOR S/N		2957																	
PRESS S/N	772		SBE43-Oxy (prim 161)																	
PRI TEMP S/N	2376		SBE43-Oxy (sec) 1876																	
SEC TEMP S/N	4379		Transmissometer CST 690PR																	
PRI COND S/N	2985		PAR S/N		70296															
SEC COND S/N	3127		Turbidity		2957															
NIS No.	DEPTH DESIRED	Rosette Notes	SALT	Nut.Bil	O2-Bil.No	EMA	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	
LATITUDE		LONGITUDE		TIME (GMT)		SEA STATE	
DEG	MIN	DEG	MIN	HR	MIN	Barometric Pressure (mb)	Visibility
57	59.92	170	59.81	18	59	8.0	94/1021
CONSC CAST #		DAY		WIND DIRN (deg)		WIND SPD (kts)	
116		30 SEP 15		225		9	
SBE 9+		MO		WIND DIRN (deg)		WIND SPD (kts)	
PRESS SN 772		YR		225		9	
PRI TEMP SN 2376		Chloro > 10		WIND DIRN (deg)		WIND SPD (kts)	
SEC TEMP SN 4379		Chloro > 10		225		9	
PRI COND SN 2985		Chloro > 10		225		9	
SEC COND SN 3127		Chloro > 10		225		9	
Fluor S/N 2957		Chloro > 10		225		9	
SBE43-Oxy (prim) 161		Chloro > 10		225		9	
SBE43-Oxy (sec) 1876		Chloro > 10		225		9	
Transmissometer CST 690PR		Chloro > 10		225		9	
PAR S/N 70296		Chloro > 10		225		9	
Turbidity 2957		Chloro > 10		225		9	
REMARKS							
Transmissometer off at 600 m							
Taking extra bottles @ 60 m - due to karmarkhe							
MAX. DBPTH = 83 m							
Rosette Notes		Hydro Team-PMEL		EMA		Eisner Imager	
SALT		Nut.Btl		Chloro > 10		Paquin	
1773		1774		290		P85	
1775		1776		290		EISNER	
1777		1778		290		116 off 130 + 15NO3	
1779		1780		290		116	
1781		1782		290		116	
1783		1784		290		116	
1785		1786		290		116	
1787		1788		290		116	
1789		1790		290		116	
1791		1792		290		116	
1793		1794		290		116	
1795		1796		290		116	
1797		1798		290		116	
1799		1800		290		116	
1801		1802		290		116	
1803		1804		290		116	
1805		1806		290		116	
1807		1808		290		116	
1809		1810		290		116	
1811		1812		290		116	
1813		1814		290		116	
1815		1816		290		116	
1817		1818		290		116	
1819		1820		290		116	
1821		1822		290		116	
1823		1824		290		116	
1825		1826		290		116	
1827		1828		290		116	
1829		1830		290		116	
1831		1832		290		116	
1833		1834		290		116	
1835		1836		290		116	
1837		1838		290		116	
1839		1840		290		116	
1841		1842		290		116	
1843		1844		290		116	
1845		1846		290		116	
1847		1848		290		116	
1849		1850		290		116	
1851		1852		290		116	
1853		1854		290		116	
1855		1856		290		116	
1857		1858		290		116	
1859		1860		290		116	
1861		1862		290		116	
1863		1864		290		116	
1865		1866		290		116	
1867		1868		290		116	
1869		1870		290		116	
1871		1872		290		116	
1873		1874		290		116	
1875		1876		290		116	
1877		1878		290		116	
1879		1880		290		116	
1881		1882		290		116	
1883		1884		290		116	
1885		1886		290		116	
1887		1888		290		116	
1889		1890		290		116	
1891		1892		290		116	
1893		1894		290		116	
1895		1896		290		116	
1897		1898		290		116	
1899		1900		290		116	
1901		1902		290		116	
1903		1904		290		116	
1905		1906		290		116	
1907		1908		290		116	
1909		1910		290		116	
1911		1912		290		116	
1913		1914		290		116	
1915		1916		290		116	
1917		1918		290		116	
1919		1920		290		116	
1921		1922		290		116	
1923		1924		290		116	
1925		1926		290		116	
1927		1928		290		116	
1929		1930		290		116	
1931		1932		290		116	
1933		1934		290		116	
1935		1936		290		116	
1937		1938		290		116	
1939		1940		290		116	
1941		1942		290		116	
1943		1944		290		116	
1945		1946		290		116	
1947		1948		290		116	
1949		1950		290		116	
1951		1952		290		116	
1953		1954		290		116	
1955		1956		290		116	
1957		1958		290		116	
1959		1960		290		116	
1961		1962		290		116	
1963		1964		290		116	
1965		1966		290		116	
1967		1968		290		116	
1969		1970		290		116	
1971		1972		290		116	
1973		1974		290		116	
1975		1976		290		116	
1977		1978		290		116	
1979		1980		290		116	
1981		1982		290		116	
1983		1984		290		116	
1985		1986		290		116	
1987		1988		290		116	
1989		1990		290		116	
1991		1992		290		116	
1993		1994		290		116	
1995		1996		290		116	
1997		1998		290		116	
1999		2000		290		116	

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											
NOAA SHIP OSCAR DYSON		DY1508/1509		BASIS 2015 Fall Pollock Survey		CLAMS Event #: 282											
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)	DRY BULB (°C)	Relative Humidity (%)	Barometric Pressure (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN													
117	54	59.68 N	167	59.87 W	03 OCT 15	1159	8.390	1019			276	19				1170	117
REMARKS																	
Transmissometer off at 600 m																	
SBE 9+ _____ FLUOR S/N 2957 PRESS SN 772 _____ SBE43-Oxy (prim 161) PRI TEMP SN 2376 _____ SBE43-Oxy (sec 1876) SEC TEMP SN 4379 _____ Transmissometer CST 690PR PRI COND SN 2985 _____ PAR S/N 70296 SEC COND SI 3127 _____ Turbidity 2957																	
Nis No.	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL		EMA		Eisner Imager		Paquin	Comments	Nis No.					
		SALT	Nut. Bl	O2-Btl. No	Chloro->10	Chloro-GFF	Duplicates										
1	Bot	x 428	1782	x 313								1					
2	Bot		1783	x 314								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					

SSSai=

TSG Cht Sample:

LNSw for Hardy log

MAX. DEPTH = 520 m