

[illegible]

VESSEL			CRUISE ID			PROJECT & LEG			CTD File Name:			STATION NO.								
Oscar Dyson			DY1609			BASIS Leg 1						002								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIR/N		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	(deg)	(kts)	(m)						
0025600.53	N	16259.18	W	28	A	U	G	1	6	0911	098	1011	4106	085					002	
SBE 9+	0722		FLINTUS 2057																	
PRESS SN	0722		SBE43-Oxy (prime)		1961															
PRI TEMP SN	2376		SBE43-Oxy (sec)		1875															
SEC TEMP SN	9379		Transmissometer		GST. 1066 PR															
PRI COND SN	2985		PAR SN		70796															
SEC COND SN	3127		O2 Trip Sensor No.																	
<b>REMARKS:</b> Chl caddy frigate! pre-combusted filters on chl - leaks may have occurred																				
<b>WEATHER OBS:</b> SFC/Bottom Temp.																				
<b>MAX. DEPTH =</b> m																				
<b>Recorder Initials:</b>																				

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.																							
Oscar Dyson		DY1609		BASIS Leg 1		N/A TS6001		Underway																							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID											
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		°C		%		(mb)		(deg)		(kts)		(m)			
156		N		W		24		A		U		G		1		6		17		50											
SBE 9+		FLUOR SN		SBE43-Oxy (prime)		SBE43-Oxy (sec)		Transmissometer		PAR S/N		O2 Trp Sensor No.		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH =		m											
PRESS SN																															
PRI TEMP SN																															
SEC TEMP SN																															
PRI COND SN																															
SEC COND SN																															
REMARKS: First TSG Sample for DY1609																															
PDR																															
Recorder Initials:																															

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.											
Oscar Dyson		DY1609		BASIS Leg 1				003											
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DAY	MO	YR	TIME (GMT)	HR	MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
0035630.17	N	17	16201.60	W	24	AUG	16			1700	13	40	97	1014	0870	60			
WEATHER OBS:										SFC/Bottom Temp.									
SBE 9+ <input type="checkbox"/> FLUOR SN. <input type="checkbox"/> PRESS SN. <input type="checkbox"/> SBE43-Oxy (prime) <input type="checkbox"/> PRI TEMP SN. <input type="checkbox"/> SBE43-Oxy (sec) <input type="checkbox"/> SEC TEMP SN. <input type="checkbox"/> Transmissometer <input type="checkbox"/> PRI COND SN. <input type="checkbox"/> PAR SN. <input type="checkbox"/> SEC COND SN. <input type="checkbox"/> O2 Trp Sensor No. <input type="checkbox"/>										REMARKS: Bottle 4 mislabeled Pre combusted filters on chl. leaks may have occurred									
Instrument Notes:										Recorder Initials:									

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.											
Oscar Dyson		DY1609		BASIS Leg 1				004											
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DAY	MO	YR	TIME (GMT)	HR	MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
0045659.97 N			16059.61 W			FLNTUS 2057	25	A	16	0329				095	1020	16105	065	004	
SBE 9+			0722			FLUOR SN													
PRESS SN			0722			SBE43-Oxy (pme)													
PRI TEMP SN			2376			SBE43-Oxy (sec)													
SEC TEMP SN			4379			Transmissometer													
PRI COND SN			2985			PAR SN													
SEC COND SN			3127			O2 Tmp Sensor No													
Instrument Notes:										WEATHER OBS:									
Turbidity: FLNTUS 2057										SFC/Bottom Temp.									
Remarks:										MAX. DEPTH =									
Coccoliths! V. Blue waters.																			
10m = chl max, ~3 mg/m <sup>3</sup>																			
Pre combined C/T is on ch1 - looks																			
very have occurred																			
Recorder Initials:																			



VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.							
Oscar Dyson		DY1609		BASIS Leg 1				005							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		HR MIN		(deg)		(kts)		(m)			
0055730.25 N		0722		15959.57 W		115414.4		228		12		055		005	
SBE 9+		0722		FLNTUS 2057										MAX. DEPTH =	
PRESS SN		0722		19161										m	
PRI TEMP SN		2376		1875											
SEC TEMP SN		4379		65.1016 PR											
PRI COND SN		2905		70291											
SEC COND SN		3127													
<p>WEATHER OBS:</p> <p>REMARKS: coccoliths!</p> <p>chd max to 15</p>															
<p>Recorder Initials:</p>															

DEPTH		Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		Comments	
DES/RED						Nut/Bil		GFF Vol		500 ml			
1	50					751							1
2	40					752							2
3	30					753							3
4	20					754							4
5	10					755							5
6	0					756	172						6
7													7
8													8
9													9
10													10
11													11
12													12
1													1

Instrument Notes:

Turbidity: FLNTUS 2057

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO.							
Oscar Dyson		DY1609		BASIS Leg 1				TSG00Z							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		DRY BULB (°C)		RH (%)		Pressure (mb)	
5728.16 N		16046.16 W		25 AUG 16		2133								TSG00Z	
SBE 9+		FLUOR SN		SBE43-Oxy (prime)		SBE43-Oxy (sec)		Transmissometer		PAR SN		O2 Tmp Sensor No.		MAX. DEPTH =	
PRESS SN															
PRI TEMP SN															
SEC TEMP SN															
PRI COND SN															
SEC COND SN															
<div> <div>WEATHER OBS:</div> <div>REMARKS:</div> </div>															
<div> <div>Instrument Notes:</div> <div>Recorder Initials:</div> </div>															

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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.																		
Oscar Dyson		DY1609		BASIS Leg 1				007																		
CONSC CAST #	DEG	MIN	LATITUDE		DEG	MIN	LONGITUDE		DEG	MIN	DAY	MO	YR	TIME (GMT)	HR	MIN	SEC	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID		
067	57	59	99	N	160	58	89	W	26	A	U	G	1	6	01	40	14	8	09	4	102	6	203	07	44	007
SBE 9+ 0722 PRESS SN 0722 PRI TEMP SN 2376 SEC TEMP SN 4379 PRI COND SN 2985 SEC COND SN 3127												FLUOR SN FLNTUS 2057 SBE43-Oxy (prime) 1961 SBE43-Oxy (sec) 1875 Transmissionmeter CST, 1066 PR PAR SN 70296 O2 Temp Sensor No.														
Instrument Notes: Turbidity: FLNTUS 2057												WEATHER OBS: SFC/Bottom Temp.														
REMARKS: Thermocline @ 20m; no chl max																										
Recorder Initials:																										

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName		STATION NO.								
Oscar Dyson		DY1609		BASIS Leg 1				008								
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
0085700.23			16159.90			26	A	16	104413.9	1027	12	1027	12	7	63	008
<div> <div> <div>WEATHER OBS:</div> <div> <div>FLUOR S/N</div> <div>SBE43-Oxy (prime)</div> <div>SBE43-Oxy (sec)</div> <div>Transmissometer</div> <div>PAR S/N</div> <div>O2 Tmp Sensor No.</div> </div> </div> <div> <div>Instrument Notes:</div> </div> </div>																
<div> <div> <div>SFC/Bottom Temp.</div> <div>MAX. DEPTH =</div> </div> <div> <div>REMARKS:</div> </div> </div>																
Recorder Initials:																

NIS		Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		Comments		NIS	
No	DEPTH					Nut Btl	O2-Btl No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol		No	
1	50					769	150		/					1	
2	40					770			/					2	
3	30					771			/					3	
4	20					772			/					4	
5	10					773			/					5	
6	0					774			/					6	
7														7	
8														8	
9														9	
10														10	
11														11	
12														12	
1														1	

lost 4 therm bottles dumped;  
Van B. bottles as total

[illegible]

[illegible]

[illegible]

[illegible]



VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.								
Oscar Dyson		DY1609		BASIS Leg 1				014								
CONSC CAST #	DEG	MIN	LONGITUDE	DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
013	5559.88	N	16400.29	W	27	AUG	1	6	12	14.0	92	1027	96	14	91	013
<div> <div> <div>WEATHER OBS:</div> <div>SFC/Bottom Temp.</div> <div>MAX DEPTH = 87 m</div> </div> <div> <div>REMARKS:</div> <div> <p>Chl max @ ~25m, 3 mg/l m<sup>3</sup></p> <p>After cast, A-frame malfunction. No bongo at this station. Nets taken at following station, 015, but no CTD or bongo. After ~1d in transit + repairs, return to Stn 015 to pick up CTD.</p> </div> </div> </div>																
<div> <div>INSTRUMENT NOTES:</div> <div> <div>SBE 9+</div> <div>FLUOR S/N</div> <div>FLINTUS-2057</div> </div> <div> <div>PRESS S/N</div> <div>SBE43-Oxy (prime)</div> <div>1961</div> </div> <div> <div>PRI TEMP S/N</div> <div>SBE43-Oxy (sec)</div> <div>1875</div> </div> <div> <div>SEC TEMP S/N</div> <div>Transmissometer</div> <div>CST-1068PR</div> </div> <div> <div>PRI COND S/N</div> <div>PAR S/N</div> <div>70296</div> </div> <div> <div>SEC COND S/N</div> <div>O2 Temp Sensor No.</div> <div></div> </div> </div>																
<div> <div>ROSETTE NOTES</div> <div> <div>DEPTH</div> <div>DESIRED</div> <div>1</div> </div> <div> <div>ROSETTE NOTES</div> <div> <div>151</div> <div>798</div> <div>799</div> <div>800</div> <div>801</div> <div>802</div> <div>803</div> <div>805</div> <div>806</div> <div>241</div> </div> </div> </div>																
<div> <div>CHIRO</div> <div> <div>CHLOROPHYLL</div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> </div> </div> </div>																
<div> <div>POC</div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> </div> </div>																
<div> <div>COMMENTS</div> <div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> <div>7</div> <div>8</div> <div>9</div> <div>10</div> <div>11</div> <div>12</div> </div> </div>																

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO	
Oscar Dyson		DY1609		BASIS Leg 1				015	
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.	
		DEG MIN		DEG MIN		HR MIN		(deg)	
014		5600.06 N		16500.21 W		29 Aug 16		1311	
SBE 9+		722		FLUOR SN		FLNTUS-2057		SFC/Bottom Temp.	
PRESS SN		722		SBE43-Oxy (prime)		1961		MAX DEPTH =	
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875		m	
SEC TEMP SN		4379		Transmissometer		CST-1066PR			
PRI COND SN		2985		PAR SN		70296			
SEC COND SN		3127		O2 Temp Sensor No.					
<p>Instrument Notes:</p> <p>Nets taken w/ol earlier than CTD @ this station, due to malfunctioning A-frame.</p> <p>Began adding a fractionated chl sample at closest sample depth BELOW the pycnocline, in addition to FCHls @ 10 &amp; 20m.</p> <p>chl max: 25m pycnocline: 25m</p> <p>Recorder Initials: <i>JD</i></p>									
DEPTH		Rosetta Notes		Hydro Team-PMEL		Chloro		POC	
DESIRED		SALT		Nut.Bil		O2-Bil.No		GFF Vol	
								>10 Large Vol	
								GFF Dup Vol	
								>10 dup vol	
1	Bottom			807	220				
2	75			808					
3	60			809					
4	50			810					
5	40			811					
6	30			812					
7	20			813					
8	10			814					
9	0			815					
10									
11									
12									
<p>* 2 total samples stored: one w/ double filter, one w/o</p>									

[illegible]

[illegible]

VESSEL	CRUISE ID	PROJECT & LEG	CTD File Name:	STATION NO.								
Oscar Dyson	DY1609	BASIS Leg 1		18								
CONSC CAST #	LATITUDE DEG MIN	LONGITUDE DEG MIN DAY	TIME (GMT) HR MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID		
017	5729.88 N	16359.67 W	30 Aug 16	0343	12.3	100	1348	16	53	018		
SBE 9+	722	FLUOR S/N	FLINTUS-2057									
PRESS S/N	722	SBE43-Oxy (prime)	1961									
PRI TEMP S/N	2376	SBE43-Oxy (sec)	1875									
SEC TEMP S/N	4379	Transmissometer	CST-1066PR									
PRI COND S/N	2985	PAR S/N	70296									
SEC COND S/N	3127	O2 Tmp Sensor No.										
WEATHER OBS:												
SFC/Bottom Temp.												
MAX. DEPTH = 45 m												
REMARKS:  chmax: 17 m pycnocline: 20 m												
Recorder Initials: <i>[Signature]</i>												
Nis	DEPTH	Rosette Notes	Hydro Team-PMEL		Chloro	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC	Comments	Nis
No	DESIRED		SALT	Nut.Bil	O2-Bil.No	DIC/Aik				300 µmol		No
1	Bot		155	832			/					1
2	30			833			/					2
3	20			834			/					3
4	10			835			/					4
5	0			836	265		/					5
6							/					6
7							/					7
8							/					8
9							/					9
10							/					10
11							/					11
12							/					12
							/					1

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.						
Oscar Dyson		DY1609		BASIS Leg 1				019						
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	(deg)	(kts)	(m)
0185759.95N	16301.08W	30	16	11	15	13	4	09	48	1018	343	14	019	
WEATHER OBS:														
SFC/Bottom Temp.														
MAX. DEPTH = 36 m														
REMARKS: Re-marked 10m tapes on wire to aid in deployment.														
chl max: 13														
pycnocline: 12 → shallow pycnocline; no 30m fac. chl														
Recorder Initials: JO														
Instrument Notes:														
FLUOR SN _____ FLNTUS-2057 SBE43-Oxy (prime) _____ 1961 SBE43-Oxy (sec) _____ 1875 Transmissometer _____ CST-1066PR PAR SN _____ 70296 O2 Tmp Sensor No. _____														
DEPTH DESIRED 1 Bottom 2 20 3 10 4 0 5 6 7 8 9 10 11 12 1														
Hydro Team-PMEL SALT Nut.Btl O2-Btl No DIC/ALK 837 277 838 839 840														
Roseate Notes 1 2 3 4 5 6 7 8 9 10 11 12 1														
Comments 1 2 3 4 5 6 7 8 9 10 11 12 1														



VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.							
Oscar Dyson		DY1609		BASIS Leg 1				020							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		HR MIN		(deg)		(kts)		(m)			
019		57 59 . 95 N		164 00 . 32 W		2022 AUG 16		14.0		1018		46			
SBE 9+		T22		FLUOR SN		FLNTUS-2057		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH = 41 m			
PRESS SN		T22		SBE43-Oxy (prime)		1961		REMARKS:							
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875									
SEC TEMP SN		4379		Transmissometer		CST-1066PR									
PRI COND SN		2985		PAR SN		70296									
SEC COND SN		3127		O2 Tmp Sensor No.											
Instrument Notes:  Surface O <sub>2</sub> + salt															
Recorder Initials:															
Nis	No	Rosette Notes #		Hydro Team-PMEL		Chloro #		POC		Comments		Nis		No	
DEPTH DESIRED	SALT	Nut Brl	O2-Btl No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	300 ml						
1 Bot		841			1448										
2 30		847			1448										
3 20		843			1448										
4 10		844			1448										
5 0		845	285		1448										
6					1448										
7					1448										
8					1448										
9					1448										
10					1448										
11					1448										
12					1448										
					1448										
					1448										

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.					
Oscar Dyson		DY1609		BASIS Leg 1				023					
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(%)	(mb)	(deg)	(m)	
022	57	30	07	N	16	45	06	4	11.7	100	10	64	023
<div> <div> SBE 9+  PRESS SN  PRI TEMP SN  SEC TEMP SN  PRI COND SN  SEC COND SN </div> <div> FLUOR SN  SBE43-Oxy (prime)  SBE43-Oxy (sec)  Transmissometer  PAR SN  O2 Temp Sensor No. </div> </div>													
<div> <div>WEATHER OBS:</div> <div>SFC/Bottom Temp.</div> <div>MAX DEPTH = 60 m</div> </div>													
<div> <div>REMARKS:</div> <div>Broad chl max, centered at ~15m Corresponding high turbidity over same depth layer (10-20m)</div> <div>Bottom O<sub>2</sub></div> </div>													
Recorder Initials:													

  

Nis		No		Comments	
DEPTH	ROSETTE NOTES	SALT	Hydro Team-PMEL	Choro	POC
DESIRED			Nut.Bil	O2-Bil	No
			No	DIC/Aik	
1 Bottom			855	209	
2 50			856		
3 40			857		
4 30			858		
5 20			859		
6 10			860		
7 0			861		
8					
9					
10					
11					
12					
1	Inline				

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.																									
Oscar Dyson		DY1609		BASIS Leg 1				25																									
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID																			
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		SEC		PRESSURE (mb)		RH (%)		DRY BULB (°C)		WIND DIRN. (deg)		WIND SPD. (kts)		BOTTOM DEPTH (m)		STA. NAME/ID	
0245829.977N		16459.94W		10/15/08		14:08		14.4		087		1015		81		13		41		024		36		m									
SBE 9+		722		FLUOR S/N		FLINTUS-2057																											
PRESS SN		722		SBE43-Oxy (prime)		1861																											
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875																											
SEC TEMP SN		4379		Transmissometer		CST-1066PR																											
PRI COND SN		2985		PAR S/N		70296																											
SEC COND SN		3127		O2 Trap Serson No.																													
REMARKS:																																	
Chl max ~ 17m																																	
Recorder Initials:																																	



[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO.								
Oscar Dyson		DY1609		BASIS Leg 1				023								
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN	WIND SPD	BOTTOM DEPTH	STA. NAME/ID			
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
0265	73	0.32	N	166	00.2	A	W	02	27	14.4	097	1014	1400	67	020	
SBE 9+	722		FLUOR S/N		FLNUTS-2057						SEC/BOTTOM Temp.		MAX DEPTH =	61		m
PRESS SN	722		SBE43-Oxy (prime)		1961											
PRI TEMP SN	2316		SBE43-Oxy (sec)		1875											
SEC TEMP SN	4379		Transmissometer		CST-1066PR											
PRI COND SN	2985		PAR S/N		70296											
SEC COND SN	3127		O2 Temp Sensor No													
Instrument Notes:														Recorder Initials:		
REMARKS:																
Coccolithophore! High turbidity at surface																
Chl max = 15m																
Pycnocline = 20m																
NIS	DEPTH	Rosette Notes	Hydro Team-PMEL		Chloro		POC		NIS							
No	DESRED	SALT	Nut.Btl	O2-Btl No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	ommen	No				
1	Bottom		877	346								1				
2	50		878									2				
3	40		879									3				
4	30		880									4				
5	20		881									5				
6	10		882									6				
7	0		883									7	Coccolithophore sample preserved			
8												8				
9												9				
10												10				
11												11				
12												12				
1		Inline										1				

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName		STATION NO.													
Oscar Dyson		DY1609		BASIS Leg 1				29													
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		%		(mb)		(deg)		(kts)		(m)	
02757		00.05 N		166.00.00 W		02 Sep 16		0945		13.9		095		1014		14200		73		029	
SBE 9+		722		FLUOR S/N		FLINTUS-2057														MAX. DEPTH = 69 m	
PRESS SN		722		SBE43-Oxy (prime)		1961															
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875															
SEC TEMP SN		4379		Transmissometer		CST-1066PR															
PRI COND SN		2985		PAR S/N		70298															
SEC COND SN		3127		O2 Temp Sensor No.																	
WEATHER OBS:																					
REMARKS:																					
coccos! large turbidity max @ surface																					
Chl max: 4m																					
pycnocline ~ 20m																					
Recorder Initials:																					
*surface O <sub>2</sub>																					
Bottom Salt																					

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName		STATION NO					
Oscar Dyson		DY1609		BASIS Leg 1				31					
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	(°C)	(%)	(mb)	(deg)	(kts)	(m)
0295330.43N	16500.07W	07	02	16	09	14	14	7096	1011	12617		79	31
SBE 9+	722	FLUOR S/N	FLINTUS-2057										
PRESS S/N	722	SBE43-Oxy (pHme)	1961										
PRI TEMP S/N	2376	SBE43-Oxy (sec)	1875										
SEC TEMP S/N	4379	Transmissometer	CST-1066PR										
PRI COND S/N	2985	PAR S/N	70296										
SEC COND S/N	3127	O2 Tmp Sensor No.											
WEATHER OBS:													
SFC/Bottom Temp.													
MAX. DEPTH = 79 m													
REMARKS:													
NRE probe thermocline													
COCO sample													
Recorder Initials:													
NIS	DEPTH	Rosette Notes	Hydro Team-PMEL		Chlbro		POC		NIS				
No	DESIRED	SALT	Nut Btl	O2-Btl No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	omment	No	
1	1301		898									1	
2	50		900									2	
3	40		901									3	
4	30		902									4	
5	20		903									5	
6	10		904									6	
7	0	163	905	353								7	COCO Sample
8												8	
9												9	
10												10	
11												11	
12												12	
1													
Instrument Notes:													
Inline													

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO.																									
Oscar Dyson		DY1609		BASIS Leg 1				033																									
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID																			
DEG		MIN		DEG		MIN		DAY		MO		YR		HR		MIN		SEC		PRESSURE		RH		DRY BULB		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
0305630		58.58		19		55		19		W		03		19		08		14		00		08		10		09		14		08		033	
SBE 9+		722		FLUOR SIN		FLINTUS-2057																											
PRESS SN		722		SBE43-Oxy (prime)		1961																											
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875																											
SEC TEMP SN		4379		Transmissometer		CST-1066PR																											
PRI COND SN		2985		PAR SIN		70296																											
SEC COND SN		3127		O2 Tmp Sensor No.																													
REMARKS:																																	
Three-step pyrene line																																	
No more cores, turbidity min @ surface																																	
Broad chl max, 15-30m																																	
Bottom O2																																	
No salt																																	
Recorder Initials:																																	



[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO					
Oscar Dyson		DY1609		BASIS Leg 1				035					
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
0325	52.9	81	105	59.70	11	09	12.7	100	100	52	17	121	035
SBE 9+	722		FLUOR SN		DAY		MO	YR	WEATHER OBS:				
PRESS SN	722		SBE43-Oxy (prime)		1961								
PRI TEMP SN	2376		SBE43-Oxy (sec)		1875								
SEC TEMP SN	4379		Transmissometer		CST-1066PR								
PRI COND SN	2985		PAR SN		70296								
SEC COND SN	3127		O2 Trp Sensor No.										
REMARKS: Chl max @ ~20m; v. broad pycnocline, ~10-35m													
Instrument Notes: *Bottom O2 *No Salt													
Recorder Initials:													

  

NIS		Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		NIS	
No	DEPTH					Nut.Btl	O2-Btl No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	No
1	Bottom					923	360						1
2	75					924							2
3	50					925							3
4	40					926							4
5	30					927							5
6	20					928							6
7	10					929							7
8	0					930							8
9													9
10													10
11													11
12													12
1													1

Filter was v. pinkish

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO.							
Oscar Dyson		DY1609		BASIS Leg 1				037							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		HR MIN		(deg)		(kts)		(m)			
0345500.15		N 164 59.65		W 04 51.6		0038		090		1006		104			
SBE 9+		722		FLUOR SN		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH =		99		m	
PRESS SN		722		SBE43-Oxy (prime)		1961									
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875									
SEC TEMP SN		4379		Transmissometer		CST-1066PR									
PRI COND SN		2985		PAR SN		70296									
SEC COND SN		3127		O2 Trp Sensor No.											
REMARKS:															
Recorder Initials:															
Instrument Notes:															
Nils															
No															
1															
2															
3															
4															
5															
6															
7															
8															
9															
10															
11															
12															
1															

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.										
Oscar Dyson		DY1609		BASIS Leg 11				038										
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID	
035	55	59	49	N	16	700	88	W	07	S	10	4	61	1018	357	16	134	038
WEATHER OBS:																		
SFC/Bottom Temp.																		
MAX. DEPTH = 130 m																		
REMARKS:																		
A Surface O <sub>2</sub>																		
A Bottom salt																		
Recorder Initials:																		
Instrument Notes:																		
Nis																		
No																		
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
1																		