

[illegible]

[illegible]

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY1609	BASIS Leg 1	Event 122	41

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)	
0385728.93 N	16700.28 W	08 Sep 16	123110	.8074	1019			16	70	4

SBE 9+	FLUOR S/N	FLNTUS-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 S/N 70296	
SEC COND SN 3127	O2 Tmp Sensor No	

Instrument Notes:

WEATHER OBS:
SFC/Bottom Temp.
MAX. DEPTH = 65 m
Cocco Bloom 0-20m

REMARKS:
TSG Chloro - 9/8/2016 13:40
T=13.18
Chloro Counts = 355 Chl. mg/l/cut 3.76
Chlorophyll Blank

Recorder Initials:

Nis	DEPTH	Rosette Notes	Hydro Team-PMEL	Chloro	POC	ommen'
No	DESIRED		SALT Nut.Btl O2-Btl No DIC/Aik	GFF Vol >10 Large Vol GFF Dup Vol >10 dup vol	500 ml	
1	BOT	192 x	971			
2	50		972	✓		
3	40		973	✓		
4	30		974	✓ ✓		
5	20		975	✓ ✓		
6	10		976	✓ ✓		
7	0		977 366x	✓		
8						
9						
10						
11						
12						
I		Inline				

[illegible]

[illegible]

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName		STATION NO													
Oscar Dyson		DY1609		BASIS Leg 1		Event 137		47													
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)	
0435829		.66N		16759.99W		09 Sep 16		1411		10.0		71.102		1339		11		54		4	
SBE 9+		722		FLUOR S/N		FLNTUS-2057		WEATHER OBS:		SFC/Bottom Temp.		MAX DEPTH = 48 m									
PRESS SN		722		SBE43-Oxy (prime)		1961		REMARKS: Primary + Sec Salinity diverge @ surface then again on the upcast same with O ₂ , T @ surface J10 O ₂ TSG Chloro - 9/9/16 15:22 T = 12.1416 Chloro mg/l/ent = 4.94 Chloro cnt = 437 Recorder Initials:													
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		O ₂ Tmp Sensor No																	
Instrument Notes:																					
Nis		DEPTH		Rosette Notes		Hydro Team-PMEL		Chloro		POC		ommen:		Nis							
No		DESIRED		SALT		Nut Btl		O ₂ Btl No		DIC/Alk		GFF Vol		>10 Large Vol		GFF Dup Vol		>10 dup vol		500 ml	
1		BOT				998						✓									
2		40				999						✓									
3		30				1000						✓		✓							
4		20				1001						✓		✓		✓					
5		10				1002						✓		✓		✓					
6		0				1003		371													
7																					
8																					
9																					
10																					
11																					
12																					
I		Inline																			

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.													
Oscar Dyson		DY1609		BASIS Leg 1		event = 141		48													
44								48													
CONSC		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
CAST #		DEG MIN		DEG MIN		DAY MO YR		HR MIN		°C		%		(mb)		(deg)		(kts)		(m)	
44		5800.43 N		16759.94 W		09 Sep 16		2049		10.7		70		1022		3		8		68	
SBE 9+		722		FLUOR S/N		FLNTUS-2057		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH = 62 m									
PRESS SN		722		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 S/N		70296															
SEC COND SN		3127		O2 Trp Sensor No.																	
Instrument Notes:																					
Recorder Initials:																					
Nis		DEPTH		Rosette Notes		Hydro Team-PMEL		Chloro		POC		ommen									
No		DESIRED		SALT		Nut.Btl O2-Btl.No DIC/Alk		GFF Vol >10 Large Vol GFF Dup Vol >10 dup vol		500 ml											
1		Bot				1004 372		✓													
2		50				1005		✓													
3		40				1006		✓													
4		30				1007		✓		✓											
5		20				1008		✓		✓											
6		10				1009		✓		✓		✓									
7		0		195		1010		✓													
8																					
9																					
10																					
11																					
12																					
I		Inline																			

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.																	
Oscar Dyson		DY1609		BASIS Leg 1		Event 143		49																	
45 CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB		RH		Pressure		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/D					
		DEG MIN		DEG MIN		DAY MO YR		HR MIN		(°C)		(%)		(mb)		(deg) (kts)		(m)							
455730.03 N		16759.94 W		09 Sep 16		2359		11.1		66		1023		53		S		71							
SBE 9+		722		FLUOR S/N		FLNTUS-2057		WEATHER OBS:														SFC/Bottom Temp.		MAX DEPTH = 67 m	
PRESS SN		722		SBE43-Oxy (prime)		1961		REMARKS:																	
PRJ 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 Tmp Sensor No.																					
Instrument Notes:																									
Recorder Initials:																									
Nis	DEPTH	Rosette Notes	Hydro Team-PMEL				Chloro				POC				ommen'										
No	DESIRED		SALT	Nut.Btl	O2-Btl No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml														
1	Bot			1011																					
2	50			1012																					
3	40			1013																					
4	30			1014																					
5	20			1015																					
6	10			1016																					
7	0			1017	373																				
8																									
9																									
10																									
11																									
12																									
1		Inline																							

[illegible]

[illegible]

[illegible]

[illegible]

VESSEL Oscar Dyson						CRUISE ID DY1609						PROJECT & LEG BASIS Leg 1						CTD FileName: Event 15b						STATION NO. 54											
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)											
05057		00.44		N		169		00.18		W		11	S	e	p	1	6	10	37	11.5	095		1005		075		27		80		54				
SBE 9+		722				FLUOR S/N				FLNTUS-2057				WEATHER OBS:														SFC/Bottom Temp.				MAX. DEPTH = 76 m			
PRESS.SN		722				SBE43-Oxy (prime)				1961				Very rough																					
PR1 TEMP SN		2376				SBE43-Oxy (sec)				1875																									
SEC TEMP SN		4379				Transmissometer				CST-1066PR				REMARKS:																					
PR1 COND SN		2985				PAR S/N				70296				25m = max pycnocline																					
SEC COND SN		3127				O2 Tmp Sensor No																													
Instrument Notes:																																			
# Surface O ₂ (107) NO SALT																																			
Recorder Initials:																																			
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL				Chloro				POC				ommen				Nis													
No	DESIRED					SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml									No												
1	BOT ✓						1051																1												
2	50 ✓						1052			✓													2												
3	40 ✓						1053			✓													3												
4	30 ✓	31					1054			✓	✓												4												
5	20 ✓	21					1055			✓	✓												5												
6	10 ✓						1056			✓	✓												6												
7	0 ✓ ~5						1057 *107			✓													7												
8																							8												
9																							9												
10																							10												
11																							11												
12																							12												
I		Inline																																	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

VESSEL Oscar Dyson						CRUISE ID DY1609						PROJECT & LEG BASIS Leg 1						CTD FileName: <i>Event 176</i>						STATION NO. <i>62</i>													
58 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)							
		58		59		00		23 N		17		00		05 W		12		S e p		1 6		22		57		10		2		83		101023210		66		62	
SBE 9+		722				FLUOR S/N				FLNTUS-2057				WEATHER OBS:														SFC/Bottom Temp.				MAX. DEPTH = 60 m					
PRESS SN		722				SBE43-Oxy (prime)				1961				REMARKS:																							
PRI TEMP SN		2376				SBE43-Oxy (sec)				1875																											
SEC TEMP SN		4379				Transmissometer				CST-1086PR																											
PRI COND SN		2985				PAR S/N				70296																											
SEC COND SN		3127				O2 Tmp Sensor No.																															
Instrument Notes:																																					
Recorder Initials:																																					
Nis	DEPTH	Rosette Notes				Hydro Team-PMEL				Chloro				POC				ommen:				Nis															
No	DESIRED					SALT Nut.Btl O2-Btl.No DIC/Aik				GFF Vol >10 Large Vol GFF Dup Vol >10 dup vol				500 ml								No															
1	Bot					1109 *209																1															
2	50					1110				✓												2															
3	40					1111				✓												3															
4	30					1112				✓				✓								4															
5	20					1113				✓				✓								5															
6	10					1114				✓				✓								6															
7	0					1115				✓												7															
8																						8															
9																						9															
10																						10															
11																						11															
12																						12															
1																						1															

[illegible]

[illegible]

[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO																											
Oscar Dyson		DY1609		BASIS Leg 1		Event 198		69																											
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)							
064		5630.31		N		16959.85		W		15		S		e		p		16		1355		11.2		92		988		94		6		101		69	
SBE 9+		722		FLUOR S/N		FLNTUS-2057		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH =		96		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		70296																													
SEC COND SN		3127		O2 Temp Sensor No.																															
Instrument Notes:																																			

[illegible]

[illegible]

[illegible]

VESSEL						CRUISE ID						PROJECT & LEG						CTD FileName:						STATION NO.																													
Oscar Dyson						DY1609						BASIS Leg 1						Event 210						73																													
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)																							
0685729.81			N 17059.62			W 17 Sep 16			1024			8.20			68															87			73																				
SBE 9+						722						FLUOR S/N						FLNTUS-2057						WEATHER OBS:												SFC/Bottom Temp.						MAX. DEPTH = 80 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						70296																																			
SEC COND SN						3127						O2 Tmp Sensor No.																																									
Instrument Notes:																														REMARKS: 135 mixed layer / pycnocline NO SAL O2 SUR												Recorder Initials:											
Nis		DEPTH		Rosette Notes		Hydro Team-PMEL						Chloro						POC		ommen:														Nis																			
No		DESIRED				SALT		Nut.Btl		O2-Btl No		DIC/Aik		GFF Vol		>10 Large Vol		GFF Dup Vol		>10 dup vol		500 ml																No															
1		BOT ✓						1176																														1															
2		50 ✓						1177						✓																								2															
3		40 ✓						1178						✓																								3															
4		30 ✓						1179						✓		✓																						4															
5		20 ✓						1180						✓		✓																						5															
6		10 ✓						1181						✓		✓		✓																				6															
7		0 ✓						1182 265						✓																								7															
8																																						8															
9																																						9															
10																																						10															
11																																						11															
12																																						12															
1																																						1															

[illegible]