

VESSEL			CRUISE ID			PROJECT & LEG			CTD FileName:			STATION NO.					
Oscar Dyson			DY1609			BASIS Leg 2			Event 116			039					
		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)		
36 CONSC CAST #																	
036	S6	29.94	N	167	00.18	W	07	Sep	16	23	31	10.3	68	1019	31712	105	039
SBE 9+		722		FLUOR S/N		FLINTUS-2057		WEATHER OBS:								MAX DEPTH = 101 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.															
REMARKS: Start of DY1609 Leg 2(II) Chlorophyll station numbers are actually CTD casts Numbers																	
Recorder Initials:																	

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VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName		STATION NO.											
Oscar Dyson		DY1609		BASIS Leg 1		Event 124		42											
CONSC CAST #	LATITUDE		LONGITUDE		DEG	MIN	DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME/ID		
	DEG	MIN	DEG	MIN															
039	57	59	16	7	00	43	W	08	SEP	16	16	08	10	7	67	1019	33813	63	42
WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 59 m																			
REMARKS: Still in the Cocco/1 hrs																			
Recorder Initials:																			

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.															
Oscar Dyson		DY1609		BASIS Leg 1				Event 129 44															
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)					
40		58 29 . 65 N		169 59 . 87 W		09 Sep 16		01 15		10 . 6		85		10 19 33 5		16		46		44			
SBE 9+		722		FLUOR SN		FLINTUS-2057														MAX DEPTH = 41 m			
PRESS SN		722		SBE43-Oxy (prime)		1961																	
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875																	
SEC TEMP SN		4379		Transmissometer		CST-1068PR																	
PRI COND SN		2985		PAR SN		70286																	
SEC COND SN		3127		O2 Tmp Sensor No.																			
Instrument Notes:																							
Recorder Initials:																							
Nis		DEPTH		Rosette Notes		SALT		Nut. Bil		O2-Bil No		DIC/AIK		Chloro		GFF Vol		GFF Dup Vol		POC		Nis	
No		DESIRED																		500 ml		No	
1		138						985						✓								1	
2		30						986						✓								2	
3		80						987						✓								3	
4		10						988						✓								4	
5		0						193 989		368				✓								5	
6																						6	
7																						7	
8																						8	
9																						9	
10																						10	
11																						11	
12																						12	

VESSEL	CRUISE ID	PROJECT & LEG	CTD File Name:	STATION NO.										
Oscar Dyson	DY1609	BASIS Leg 1	Event 131	45										
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)					
0415858.75 N		16700.49 W	042410	40.76	102.03	19.15			37	45				
SBE 9+	722	FLUOR SN	WEATHER OBS:	SFC/Bottom Temp.							MAX. DEPTH =	31 m		
PRESS SN	722	SBE43-Oxy (prime)												
PRI TEMP SN	2376	SBE43-Oxy (sec)												
SEC TEMP SN	4379	Transmissometer												
PRI COND SN	2985	PAR SN												
SEC COND SN	3127	O2 Trnp Sensor No.												
REMARKS: SHALLOW ~ 20m - BOT														
Recorder Initials:														
Nis	DEPTH DESIRED	Rosette Notes	SALT	Hydro Team-PMEL	Nut Blt	O2-Btl No	DIC/AIK	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	POC	ommn'	No
1	BOT			990 369 x	991									1
2	20				992									2
3	10				993									3
4	0													4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12
Instrument Notes:														
Inline														

[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
0435829	66°N	167°S	99°W	09 Sep 16	1411	10.0	71.1	021	339	11	54	47	
SBE 9+	722	FLUOR SN	FLNUS-2057	WEATHER OBS:									
PRESS SN	722	SBE43-Oxy (prime)	1861	MAX DEPTH = 48 m									
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											
REMARKS: Primary + Sec Salinity diverge @ surface then again after upcast same with O2 T @ surface													
O2 TSG Chloro - 9/9/16 15:22 Chloro mg/l / ent = 4.94													
O2 T = 12.1416 Chloro ent = 437													
Recorder Initials:													
Nis	DEPTH	Rosette Notes	Hydro Team-PMEL		Chloro		POC						
No	DESIRED	SALT	Nut Blt	O2-Blt No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml			Nis
1	BOT		998			✓							No
2	40		999			✓							1
3	30		1000			✓							2
4	20		1001			✓							3
5	10		1002			✓							4
6	0		1003	371									5
7													6
8													7
9													8
10													9
11													10
12													11
1													12
Instrument Notes:													
Inline													

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.							
Oscar Dyson		DY1609		BASIS Leg 1		FLNTUS 143		49							
45- CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD.		BOTTOM DEPTH		STA. NAME/ID	
		DEG MIN		DEG MIN		HR MIN		(deg)		(kts)		(m)			
4155730		03 N 16759		94 W 095		2359		11.1		66.1		23		71	
SBE 9+		722		FLUOR SN		FLNTUS-2057		WEATHER OBS:		SFC/Bottom Temp.		MAX DEPTH =		67 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 Trp Sonson No.											
REMARKS:															
Recorder Initials:															
Instrument Notes:															
Nis		DEPTH		Rosette Notes		SALT		Hydro Team-PMEL		Chloro		POC		Nis	
No		DESIRED						Nut Btl		O2-Btl No		DIC/Alk		No	
1		Bot				25		1011						1	
2		50						1012						2	
3		40						1013						3	
4		30						1014						4	
5		20						1015						5	
6		10						1016						6	
7		0						1017		373				7	
8														8	
9														9	
10														10	
11														11	
12														12	
1				Inline										1	

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO					
Oscar Dyson		DY1609		BASIS Leg 1		Event 147		50					
CONSC #	LATITUDE	DEG	LONGITUDE			TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
			MIN	DEG	MIN								
46	57.00.45 N		168	00.54 W	10	SEP	16	11.30	69	1020	07.5	12	50
WEATHER OBS: SFC/BOTTOM Temp. MAX DEPTH = 73 m													
REMARKS: Instrument Notes: Recorder Initials:													

VESSEL Oscar Dyson		CRUISE ID DY1609		PROJECT & LEG BASIS Leg 1		CTD FileName Event 149		STATION NO. 51													
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)			
0475600.41 N		16759.99 W		10 Sep 16		1206		12.0		075		1016		100		19		137		51	
SBE 9+		722		FLUOR SN		FLINTUS-2057						WEATHER OBS:		SFC/Bottom Temp.				MAX. DEPTH = 130 m			
PRESS SN		722		SBE43-Oxy (prime)		1961						REMARKS:									
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875						* shallow thermocline ~ 10m									
SEC TEMP SN		4379		Transmissometer		CST-1066PR						* slightly chalky H ₂ O									
PRI COND SN		2985		PAR SN		70296															
SEC COND SN		3127		O2 Temp Sensor No																	
Instrument Notes:																					
Recorder Initials:																					

Nis	No	DEPTH	Rosette Notes	Hydro Team-PMEL				Chloro		POC			Nis	
				SALT	Nut Btl	O2-Btl No	DIC/Aik	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	comment	No
1		207			1025									1
2		100			1026									2
3		75			1027									3
4		50			1028			✓						4
5		40			1029			✓						5
6		30			1030			✓	✓					6
7		20			1031	X-73		✓	✓					7
8		10			1032			✓	✓					8
9		0		197	1033	X-73		✓						9
10														10
11														11
12														12
1														1

Inline

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.													
Oscar Dyson		DY1609		BASIS Leg 1		Event 151		52													
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)			
0485630.23		N 168 01.14		W 105 51.16		1538		12.2		101.6		77.23		116		52					
SBE 9+		722		FLUOR SN		FLINTUS-2057															
PRESS SN		722		SBE43-Oxy (prime)		1861															
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875															
SEC TEMP SN		4379		Transducer		CST-1066FR															
PRI COND SN		2985		PAR SN		70296															
SEC COND SN		3127		O2 Tmp Sensor No.																	
WEATHER OBS:																					
SFC/BOTTOM Temp.																					
MAX DEPTH = 111 m																					
REMARKS:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					
BOT O2 C counts = 105																					
Recorder Initials:																					
Instrument Notes:																					
TSG Chloro: 09/10/2016 16:42																					
NO SAL T = 13.51 C ng/l on + = 0.73																					

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name:		STATION NO.		
Oscar Dyson		DY1609		BASIS Leg 1		Event 155		53		
CONSC CAST #	DEG	MIN	LATITUDE	DEG	MIN	LONGITUDE	FLUOR S/N	FLUOR S/N	FLUOR S/N	
049	56	30	27	N	11	10	1043	1044	1045	
SBE 9+	722						FLUOR S/N	FLUOR S/N	FLUOR S/N	
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						SEC Temp Sensor No.			
WEATHER OBS:										
TIME (GMT) DRY BULB RH WIND DIRN. WIND SPD. BOTTOM DEPTH STA. NAME/ID										
2256 12.0 901009 8132 104 53										
MAX. DEPTH = 97 m										
REMARKS: Very bumpy surface bottle deeper than usual because of waves										
Recorder Initials:										
Instrument Notes:										
Rosette Notes										
DEPTH	SALT		Nutr Bl		O2-BI No		DIC/AIK		Chloro	
DESIRED	198		1043		1044		1045		1046	
1 Bot	1047		1048		1049		1050		1051	
2 75	1043		1044		1045		1046		1047	
3 SD	1043		1044		1045		1046		1047	
4 40	1043		1044		1045		1046		1047	
5 30	1043		1044		1045		1046		1047	
6 20	1043		1044		1045		1046		1047	
7 10	1043		1044		1045		1046		1047	
8 0	1043		1044		1045		1046		1047	
9	1043		1044		1045		1046		1047	
10	1043		1044		1045		1046		1047	
11	1043		1044		1045		1046		1047	
12	1043		1044		1045		1046		1047	
Inline										

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO.																									
Oscar Dyson		DY1609		BASIS Leg 1		Event 158		55																									
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)					
0515729		80 N		16900		07 W		11		11		16		08		32		11		110		100		40		67		25		70		55	
SBE 9+		722		FLUOR SN		FLINTUS-2057																											
PRESS SN		722		SBE43-Oxy (prime)		1961																											
PRI TEMP SN		2376		SBE43-Oxy (sec)		1875																											
SEC TEMP SN		4379		Transmissometer		CST-1068PR																											
PRI COND SN		2985		PAR SN		70296																											
SEC COND SN		3127		O2 Tmp Sensor No																													
WEATHER OBS:																						SFC/Bottom Temp.		MAX DEPTH =		m							
105-cp Neave, pitch, roll																								65									
REMARKS: water milky																																	
22m max																																	
11-12°C temp.																																	
SALT SURF (199)																																	
BOT O2 ← glass broke, took sample from 50m																																	
Recorder Initials: JLT																																	
Nis		DEPTH		Rosette Notes		Hydro Team-PMEL		Chloro		POC		oment		Nis																			
No		DESIRED				Nut Btl		GFF Vol		GFF Dup Vol		500 ml		No																			
1		BOT				1058								1																			
2		50				1059								2																			
3		40				1060								3																			
4		30				1061								4																			
5		20				1062								5																			
6		10				1063								6																			
7		0				1064								7																			
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		Event 100		56	
CONSC CAST #	DEG	LATITUDE	MIN	DEG	LONGITUDE	MIN	DAY	MO	YR
0525806	13	17000	06	W	11	Sep	16		
SBE 9+	722	FLUOR S/N	FLINTUS-2067						
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 Temp Sensor No.							
TIME (GMT) DRY BULB RH Pressure WIND DIRN. WIND SPD BOTTOM DEPTH STA NAME/ID 115410.50971000002620 72 56									
WEATHER OBS: SFC/Bottom Temp. MAX DEPTH = 59 m									
REMARKS: 35m - max chl. 1 pinochline									
* NOT confident in cast. Too rough -									
SALT - bottle 1									
O2 - bottle 1									
Recorder Initials: HT									

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Nis	
DEPTH	DESIRE	SALT	Nut.Btl	O2-Btl No	DIC/AIK	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	No
1 BOT	✓	*200	1065	*1101		✓					1
2 50	✓		1066			✓					2
3 40	✓		1067			✓					3
4 30	✓		1068			✓					4
5 20	✓		1069			✓					5
6 10	✓		1070			✓					6
7 0	✓		1071			✓					7
8											8
9											9
10											10
11											11
12											12
1											1

Instrument Notes:

Inline

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO									
Oscar Dyson		DY1609		BASIS Leg 1		Event 102		57									
CONSC CAST #	LATITUDE	DEG	MIN	DEG	MIN	LONGITUDE	DAY	MO	YR	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN	WIND SPD	BOTTOM DEPTH	STA. NAME/ID
053500	00.05 N			171	00.58 W		11	Sep	16	1801	11.1	94	998		530	88	57
WEATHER OBS:																	
SFC/BOTTOM Temp.																	
MAX. DEPTH = 76 m																	
REMARKS: Bumpy!! Surface @ ~4m																	
O ₂ -surface																	
Recorder Initials:																	
Instrument Notes:																	
FLUTUS-2057																	
SBE 9+																	
PRESS SN																	
PRI TEMP SN																	
SEC TEMP SN																	
PRI COND SN																	
SEC COND SN																	
SBE43-Oxy (prime)																	
SBE43-Oxy (sec)																	
Transducer																	
PAR SN																	
O ₂ Trip Sanson No.																	
1961																	
1875																	
CST-1066PR																	
70296																	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
1																	

VESSEL Oscar Dyson		CRUISE ID DY1609		PROJECT & LEG BASIS Leg 2		CTD File Name Event 164		STATION NO. 58											
LATITUDE DEG MIN		LONGITUDE DEG MIN		TIME (GMT) HR MIN		DRY BULB (°C)		RH (%)		PRESSURE (mb)		WIND DIRN (deg)		WIND SPD (kts)		BOTTOM DEPTH (m)		STA. NAME/ID	
54 58 00.13 N		17 22 00.31 W		21 58		11.2		79		1000		925		103		95		58	
SBE 9+		FLUOR SN		FLINTUS-2057															
PRESS SN		SBE43-Oxy (prime)		1961															
PRI TEMP SN		SBE43-Oxy (sec)		1875															
SEC TEMP SN		Transmissometer		CST-1066PR															
PRI COND SN		PAR SN		70296															
SEC COND SN		D2 Temp Sensor No.		3127															
WEATHER OBS:																			
SFC/Bottom Temp.																			
MAX. DEPTH = 95 m																			
REMARKS:																			
Recorder Initials:																			
Instrument Notes:																			
Nis																			
No																			
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 7		Event 166		59							
CONSC CAST #	LATITUDE		LONGITUDE		DAY	MO	YR	TIME (GMT)	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN (deg)	WIND SPD (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN											
555830.16	N	17200.24	W	12	S	e	p	1	015110.70811001	35523	99	99	90	m	59
WEATHER OBS: <u>~2-8m roll</u> SFC/Bottom Temp.															
REMARKS: <u>~ salinity 0.2 OH - possible jelly fishing</u> <u>~ 35m chl max picocelline</u> <u>~ chl @ 30 - 2 fixers</u>															
Recorder Initials: <u>BT</u>															

Nis	No	DEPTH	ROSETTE Notes	Hydro Team-PMEL		Chloro		POC	SFC/Bottom Temp.
				SALT	Nut. Btl	102-Btl No	DIC/Alk		
1	Bot	1087							
2	75	1088							
3	50	1089							
4	40	1090							
5	30	1091							
6	20	1092							
7	10	1093							
8	0	1094							
9									
10									
11									
12									
1									

Instrument Notes:

Intine

VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO					
Oscar Dyson		DY1609		BASIS Leg 2		Event 170							
CONSC CAST #	LATITUDE		LONGITUDE		TIME (GMT)		DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN (deg)	WIND SPD (kts)	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	MIN	DEG	MIN	HR	MIN							
0545830.18	N	171100.66	W	125612	1043	10	1074	1005	33	218	83	60	
WEATHER OBS: SFC/Bottom Temp. MAX. DEPTH = 75 m													
- WDS roll than previous 2 casts													
REMARKS: 30m - pinocling													
NO SAL. CHL BOT													
Recorder Initials: HT													
Instrument Notes:													
Nis													
No													
1 BOT													
2 50													
3 40													
4 30													
5 20													
6 10													
7 0													
8													
9													
10													
11													
12													
1													

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[illegible]

[illegible]

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:		STATION NO							
Oscar Dyson		DY1609		BASIS Leg 12		Event 191		68							
CONSC CAST #		LATITUDE		LONGITUDE		TIME (GMT)		WIND DIRN.		WIND SPD		BOTTOM DEPTH		STA. NAME/ID	
DEG MIN		DEG MIN		DEG MIN		HR MIN		(deg)		(kts)		(m)			
06358		20.08		16959.92		0345		10.2090		99908421		70		68	
SBE 9+		722		FLUOR S/N		FLNUS-2057		WEATHER OBS:		SEC/BOTTOM Temp.		MAX DEPTH = 604.4 m			
PRESS S/N		722		SBE43-Oxy (prime)		1961									
PRI TEMP S/N		2376		SBE43-Oxy (sec)		1875								(659 ON SCENE)	
SEC TEMP S/N		4379		Transmissometer		CST-1066PR									
PRI COND S/N		2985		PAR S/N		70296									
SEC COND S/N		3127		O2 Trp Sensor No.											
REMARKS:															
Corallithophores -															
~ 26m - pycnocline - salty/cold															
~ 30 cm max															
O2 - surface															
Recorder Initials: HT															

Nis		Rosette Notes		Hydro Team-PMEL		Chloro		POC		Nis	
DEPTH	DESIRED	SALT	Nut. Blt	O2-Blt No	DIC/AIK	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	No
1	20 ✓		1139								1
2	50 ✓		1140								2
3	40 ✓		1141								3
4	30 ✓		1142								4
5	20 ✓		1143								5
6	10 ✓		1144								6
7	0 ✓		1145	1265							7
8											8
9											9
10											10
11											11
12											12
1											1

Instrument Notes:

Inline

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VESSEL		CRUISE ID		PROJECT & LEG		CTD File Name		STATION NO.											
Oscar Dyson		DY1609		BASIS Leg 1		Event 202		70											
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)					
65	70.05	N	170.00	15	SEP	16	21	03	11.2	95	991	115	67						
WEATHER OBS:																			
SFC/BOTTOM Temp.																			
MAX. DEPTH = 61 m																			
REMARKS:																			
Instrument Notes:																			
Recorder Initials:																			
Nis																			
No																			
1																			
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			
11																			
12																			
1																			

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VESSEL						CRUISE ID							PROJECT & LEG								CTD File Name:									STATION NO.										
Oscar Dyson						DY1609							BASIS Leg 1								Event 210																			
CONISC CAST #		LATITUDE			LONGITUDE			DAY			MO			YR			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			FLINTUS-2057									1024			8.2068												87			73					
SBE 9+		722			FLUOR SN																																	MAX DEPTH = 80 m		
PRESS SN		722			SBE43-Oxy (prime)			1961																																
PRI TEMP SN		2376			SBE43-Oxy (sec)			1875																																
SEC TEMP SN		4378			Transmissometer			CST-1066PR																																
PRI COND SN		2985			PAR SN			70296																																
SEC COND SN		3127			O2 Trnp Sanson No.																																			
REMARKS: 135 mixed layer / pycnocline NO SAL O2 SUR																																								
Recorder Initials:																																								
Instrument Notes:																																								
Nis																																								
No																																								
POC																																								
500 ml																																								
>10 dup vol																																								
>10 Large Vol																																								
GFF Dup Vol																																								
Chloro																																								
GFF Vol																																								
Hydro Team-PMEL																																								
Nut Bl																																								
O2-Btl No																																								
DIC/Aik																																								
SALT																																								
Rosette Notes																																								
DEPTH																																								
DESIRED																																								
1 BOT ✓																																								
2 50 ✓																																								
3 40 ✓																																								
4 30 ✓																																								
5 20 ✓																																								
6 10 ✓																																								
7 0 ✓																																								
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