

VESSEL DYSON			CRUISE ID DY2103			PROJECT & LEG				CTD File Name:					STATION NO. 58°N		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH		STA. NAME/ID		
																DEG	MIN
008	56	48.94 N	164	35.32 W	07	MAY	21	06	39	3.9	84	1000	92	18	74	70M3	
SBE 9+			FLUOR S/N			WEATHER OBS:						SFC/Bottom Temp.			MAX. DEPTH = 69		
PRESS SN			SBE43-Oxy (prir)														
PRI TEMP SN			SBE43-Oxy (sec)														
SEC TEMP SN			Transmissometer														
PRI COND SN			PAR S/N														
SEC COND SI			O2 Tmp Senson														
Recorder Initials: SS																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chloro				POC	Page	Comments		Nis	
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vc	>10 dup vol	500 ml				No.	
1	BTM			54												1	
2	50			55	371			283								2	
3	40			56				283								3	
4	30			57				283								4	
5	20			58				283								5	
6	10			59				283					X			6	
7	0			60	371			283								7	
8																8	
9																9	
10																10	
11																11	
12																12	

VESSEL Oscar Dyson			CRUISE ID D-21-03				PROJECT & LEG				CTD FileName:						STATION NO. ST 38 A-1	
CONSC CAST #	LATITUDE		LONGITUDE						TIME (GMT)		DRY BULB	RH	Pressure	WIN DIRN.	WIN SPD.	BOTTOM DEPTH		STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)			
038 59 20 . 07 N	170	39 . 49 W	09	MA	42	21	59	21	59	21.6	89	1008	4515		70		70m33	
SBE 9+	FLUOR S/N			WEATHER OBS:						SFC/Bottom Temp.				MAX. DEPTH = 64.5				
PRESS SN	SBE43-Oxy (prir)			REMARKS:														
PRI TEMP SN	SBE43-Oxy (sec)																	
SEC TEMP SN	Transmissometer																	
PRI COND SN	PAR S/N																	
SEC COND SI	O2 Tmp Sensor																	
Recorder Initials:																		
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chloro				POC		Comments			Nis	
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	Fcm				No.	
1	Btm			264	211												1	
2	50			265				283									2	
3	40			266				285									3	
4	30			267				285									4	
5	20			268				283						N skin vent open			5	
6	10			269				289						~			6	
7	2			270	309			283									7	
8																	8	
9																	9	
10																	10	
11																	11	
12																	12	

VESSEL DYSON		CRUISE ID DY2103			PROJECT & LEG				CTD FileName:				STATION NO. 3551+1		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)
	0 55 6	1 06.9	8 N	17 34 8	.2	1 w	11	MA 12	04 30	0.8	93	10 12	53	9	79
SBE 9+			FLUOR S/N				WEATHER OBS:				SFC/Bottom Temp.			MAX. DEPTH = 73	
PRESS SN			SBE43-Oxy (prirr)				REMARKS:								
PRI TEMP SN			SBE43-Oxy (sec)				oxy test cast								
SEC TEMP SN			Transmissometer												
PRI COND SN			PAR S/N												
SEC COND SI			O2 Tmp Senson												
														Recorder Initials: SB	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chloro				POC		Comments		Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vc	>10 dup vol	500 ml			No.
1															1
2															2
3															3
4															4
5															5
6															6
7															7
8															8
9															9
10															10
11															11
No Rosettes															

VESSEL <i>DYSON</i>		CRUISE ID <i>DY2103</i>			PROJECT & LEG				CTD FileName:				STATION NO. <i>556h1</i>			
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
	057	61	09.49	N	173	46.83	W	11	MAY	21	0527	0.7	93	1011	47	78
SBE 9+	FLUOR S/N			WEATHER OBS: <i>some fog</i>			SFC/Bottom Temp. <i>61 - 0.8</i>			MAX. DEPTH = <i>73</i>						
PRESS SN	SBE43-Oxy (pri)			REMARKS:												
PRI TEMP SN	SBE43-Oxy (sec)			<i>creepin toward supposed ice edge</i>												
SEC TEMP SN	Transmissometer			<i>looking for "jet"</i>												
PRI COND SN	PAR S/N			<i>+ search (choice</i>			(-1.2 @ 30m)									
SEC COND SI	O2 Tmp Senson												Recorder Initials:			
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chloro			POC		Comments		Nis		
No.	DESIRED	SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml			No.			
1													1			
2													2			
3													3			
4													4			
5													5			
6													6			
7													7			
8													8			
9													9			
10													10			
11													11			

No 8011

VESSEL <i>Oscar Dyson</i>		CRUISE ID <i>DH2103</i>			PROJECT & LEG				CTD File Name:				STATION NO. <i>S63 H-1</i>		
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
	<i>064 54</i>	<i>12.05N</i>	<i>166 42.34W</i>		<i>15</i>	<i>May</i>	<i>21</i>	<i>0304</i>	<i>6.8</i>	<i>75</i>	<i>1002248Sp</i>		<i>1375</i>	<i>Aw3</i>	
SBE 9+					FLUOR S/N					WEATHER OBS:	SFC/Bottom Temp.			MAX. DEPTH = <i>501</i>	
PRESS SN					SBE43-Oxy (pri)										
PRI TEMP SN					SBE43-Oxy (sec)										
SEC TEMP SN					Transmissometer										
PRI COND SN					PAR S/N										
SEC COND SI					O2 Tmp Senson										
<i>Deep Bongo (500m)</i>															
Recorder Initials:															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chloro				POC		Comments		Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml	Ecm		No.
1	<i>500</i>			<i>420</i>	<i>224</i>										1
2	<i>300</i>			<i>421</i>											2
3	<i>200</i>			<i>422</i>											3
4	<i>100</i>			<i>423</i>											4
5	<i>75</i>			<i>424</i>											5
6	<i>50</i>			<i>425</i>		<i>138</i>									6
7	<i>40</i>			<i>426</i>		<i>138</i>									7
8	<i>30</i>			<i>427</i>		<i>129</i>									8
9	<i>20</i>			<i>428</i>		<i>138</i>									9
10	<i>10</i>			<i>429</i>		<i>128</i>		<i>250</i>	<i>250</i>	<i>500</i>	<i>✓✓</i>				10
11	<i>0</i>			<i>430</i>		<i>139</i>									11
<i>Two samples not taken - one not in CTD</i>															

VESSEL DYSON		CRUISE ID DN203			PROJECT & LEG				CTD FileName:					STATION NO. 56001	
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)
06 75 43	33.65 N	166 35.19 W		15 MAY 21			1252		5.4	84	100	138	20	427	AES
SBE 9+		FLUOR S/N		WEATHER OBS:				SFC/Bottom Temp.				MAX. DEPTH = 301			
PRESS SN		SBE43-Oxy (prir)													
PRI TEMP SN		SBE43-Oxy (sec)													
SEC TEMP SN		Transmissometer													
PRI COND SN		PAR S/N													
SEC COND SI		O2 Tmp Senson													
Recorder Initials: SB															
Nis No.	DEPTH	Rosette Notes		Hydro Team-PMEL			Chloro				POC	CFM.	Comments		Nis No.
DESIR		SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml					
1	300		451	3											1
2	200		452	x310											2
3	100		453												3
4	75		454												4
5	50		455			138									5
6	40		456			138									6
7	30		457			139									7
8	20		458			138									8
9	10		459			138					X	1000ml abs			9
10	0		460			139							J		10
11													Sample split onto funnel "hd"		11
12													I	L 1.18 g/m³?	

VESSEL			CRUISE ID D12163				PROJECT & LEG				CTD FileName:				STATION NO. ST 72 h1		
CONSC CAST #	LATITUDE			LONGITUDE				TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH		STA. NAME/ID
	DEG	MIN		DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
073	54	28.48	N	166	02.77	W	16	MAY	21	0542	6.0	81	1007	611	533	UBW2	
SBE 9+	FLUOR S/N				WEATHER OBS:				SFC/Bottom Temp.				MAX. DEPTH = 521				
PRESS SN	SBE43-Oxy (prim)				REMARKS:												
PRI TEMP SN	SBE43-Oxy (sec)																
SEC TEMP SN	Transmissometer																
PRI COND SN	PAR S/N																
SEC COND SI	O2 Tmp Sensor																
Recorder Initials: 58																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chloro	SIZE fine			PCP CANS	Fem	Comments		Nis	
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml			No.		
1	BTM			511	x 511										1		
2	300			512											2		
3	200			513											3		
4	100			514											4		
5	75			515											5		
6	50			516				138							6		
7	40			517				138							7		
8	30			518				139							8		
9	20			519				138							9		
10	10			520				138	250	250	500	x	chlor max		10		
11	0			521				139							11		

VESSEL DYSON		CRUISE ID DY2103			PROJECT & LEG				CTD File Name:				STATION NO. 5573h1		
CONSC CAST #	LATITUDE		LONGITUDE			TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH	STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
	074	54	35.16	N	166	08.33	W	15 MAY 21	0803	5.9	88	1010	338	14	409 UBW3
SBE 9+	FLUOR S/N _____				WEATHER OBS: _____				SFC/Bottom Temp. _____				MAX. DEPTH = 398		
PRESS SN	SBE43-Oxy (prir) _____				REMARKS:										
PRI TEMP SN	SBE43-Oxy (sec) _____				STILL just a little noise in cons C SEC										
SEC TEMP SN	Transmissometer _____				could be due to high chlor?										
PRI COND SN	PAR S/N _____														
SEC COND SI	O2 Tmp Senson _____														
Recorder Initials: SS															
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chloro				POC	FEM	Comments		Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml			No.
1	BTM			522	x 517	x									1
2	300			523											2
3	200			524											3
4	100			525											4
5	75			526											5
6	50			527			138								6
7	40			528			138								7
8	30			529			139								8
9	20			530			138								9
10	10			531			136					X			10
11	0			532			139								11
5 11-7-21															

VESSEL DYSON		CRUISE ID R42103			PROJECT & LEG				CTD FileName:					STATION NO. S75h1				
CONSC CAST #	LATITUDE		LONGITUDE					TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH	STA. NAME/ID		
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)			
070 54 45.23 N		160 03.07 W			14 MA 421		1224		5.5	83	101.9	341.15		220	UBNI			
SBE 9+	FLUOR S/N		WEATHER OBS:		SFC/Bottom Temp.		MAX. DEPTH = 207											
PRESS SN	SBE43-Oxy (prim)		REMARKS:		Top ab downcast noisy again in 2nd set/oxy upper 3m are garbage did not yo-yo													
PRI TEMP SN	SBE43-Oxy (sec)																	
SEC TEMP SN	Transmissometer																	
PRI COND SN	PAR S/N																	
SEC COND SI	O2 Tmp Sensor																	
															Recorder Initials: SB			
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL			Chloro		Size Free		GFF Vol	>10 Large Vol	GFF Dup Vol >10 dup vol	POC g/mn	FLM	Comments		Nis No.
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk							500 ml				
1	BTM (200)			543	x573													1
2	100			544														2
3	75			545														3
4	50			546			13			500	500			X				4
5	40			547			13			500	500			X				5
6	30			548			13			250	250			X				6
7	20			549			13			250	250			X				7
8	10			550			13			250	250	500		X				8
9	0			551			13			250	250			X				9
10																		10
11																		11

VESSEL			CRUISE ID				PROJECT & LEG					CTD FileName:					STATION NO.	
OSCAR DYSON			DY21-03														ST 82 H-1	
CONSC CAST #	LATITUDE			LONGITUDE			TIME (GMT)			DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN		DEG	MIN		DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
083	54	49.45	N	164	53.67	W	16	MAY	21	23	19	6.5	85	102035	610	74	USEZ	
SBE 9+				FLUOR S/N			WEATHER OBS:					SFC/Bottom Temp.				MAX. DEPTH = 70		
PRESS SN				SBE43-Oxy (prim)														
PRI TEMP SN				SBE43-Oxy (sec)														
SEC TEMP SN				Transmissometer														
PRI COND SN				PAR S/N														
SEC COND SI				O2 Tmp Sensor														
Recorder Initials: FCM																		
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chloro					POC			Comments		Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml					No.	
1	BOTT	105		603	171												1	
2	50			604				138									2	
3	40			605				138									3	
4	30			606				139									4	
5	20			607				138									5	
6	10			608				138									6	
7	0			609				39									7	
8																	8	
9																	9	
10																	10	
11																	11	

VESSEL			CRUISE ID			PROJECT & LEG				CTD FileName:						STATION NO.	
OSCAR DYSON			DY21-03													ST 83 H-1	
CONSC CAST #	LATITUDE		LONGITUDE				TIME (GMT)		DRY BULB	RH	Pressure	WIND DIRN.	WIN D SPD.	BOTTOM DEPTH		STA. NAME/ID	
	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
084	54	26.13 N	165	16.58 W	17				0313	6.3	86	1021	34111	160	UN01a		
SBE 9+			FLUOR S/N _____				WEATHER OBS: _____						SFC/Bottom Temp. _____		MAX. DEPTH = 151		
PRESS SN			SBE43-Oxy (pri) _____				REMARKS: _____										
PRI TEMP SN			SBE43-Oxy (sec) _____														
SEC TEMP SN			Transmissometer _____														
PRI COND SN			PAR S/N _____														
SEC COND SI			O2 Tmp Sensor _____														
Recorder Initials: _____																	
Nis	DEPTH	Rosette Notes		Hydro Team-PMEL				Chloro				POC			Comments		Nis
No.	DESIRED			SALT	Nut.Btl	O2-Btl.N	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml					No.
1	Bot																1
2	1																2
3	7																3
4																	4
5	40																5
6																	6
7																	7
8	0																8
9	0																9
10																	10
11																	11

