VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	1204	BASIS leg 1	CTD001	001

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA-NAME/ID
001	56	00.04	N	162	00.02	W	19	AUG	12	16	09	9.2					23B	17				56	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 51
SBE type and S/N	9 11plus - Dyson 0191	Pycnocline Depth= 15-19		Depth of FL max = 20 m
PRESS S/N	772 - Dyson	Weather: OVERCAST SEAS 4-6 FT		
TEMP 1 &2 SNs	2376 and 4379 - Dyson	COMMENT: Difficult conditions, factors that may affect measurements or aid processing		
COND 1&2 S/Ns	2985 and 3127 - Dyson	BLANKS		
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	~~904 and 919~~ - PMEL 1875, 1876			
Transmiss S/N	1066 - EMA			
PAR S/N	~~70103~~ - EMA 70131			
O2 SBE42S/N	N/A			

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			001	187			250		250				1
2	40			002										2
3	30			003										3
4	20			004										4
5	10			005										5
6	0		01	006										6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	12DYOP	BASIS leg 1	CTD002	003

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR (note if not)	GMT Time HR	GMT Time MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA NAME/ID
002	56	29.87	N	161	59.77	W	20	Aug	12	02	04	9.2					264	17				73	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 68
SBE type and S/N	9 11plus - Dyson 0291	Pycnocline Depth= 19-21		Depth of FL max = 10
PRESS S/N	772 - Dyson	Weather: Mostly cloudy, seas 2-4ft.		
TEMP 1 &2 SNs	2376 and 4379 - Dyson	COMMENT: Difficult conditions, factors that may affect measurements or aid processing		
COND 1&2 S/Ns	2985 and 3127 - Dyson			
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL 1875, 1876			
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA 70131			
O2 SBE42S/N	N/A			

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			007				240		250			lost ~10mls filtering	1
2	50			008				250		250				2
3	40			009				250	250	250	250			3
4	30			010				210		250			lost ~30mls filtering	4
5	20			011		500		250		250				5
6	10			012	064			250		250				6
7	0	Bottle no bottle		013	~~064~~									7
8		Par sensor mounted												8
9		at spot 11												9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	12OY08	BASIS leg 1	CTD003	006

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
003	56	29.92	N	161	00.42	W	20	AUG	12	14	16	8.4		17			299	13				66	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 62

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 22-30 **Depth of FL max =** N/A

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		02	14	171									1
2	50			15				250		250				2
3	40			16										3
4	30			17										4
5	20			18										5
6	10			19										6
7	—													7
8	0			20										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson		BASIS leg 1		007

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
004	56	59.49	N	160	58.93	W	20	Aug	12	20	40	8.9	.	19			292	24				64	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)									CTD MAX. DEPTH = 60.5
				12						

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 24-30 **Depth of FL max =** 29

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Jelly in primary cond, stopped @ ~20m, return to base started cast again w/ same name.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	ROC 500 ml	Comments or other samples	Nisk #
1	Bot			022										1
2	50			023				250	?	250				2
3	40			024					250		250			3
4	30			025										4
5	20			026										5
6	10			027		375	450					✓	WATER WOULD NOT DRAIN	6
~~7~~	/													7
8	0			028	226									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	12OY08	BASIS leg 1	CT0005	009

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
005	56	59.72	N	159	59.93	W	21	AUG	12	03	35	7.7	.	22			281	18				61	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 54.5

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 12-17 **Depth of FL max =** N/A

Weather: overcast seas 3-5 ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SAL:T:Btl	Nut:Btl	Oxy:Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF-dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			30	x016									1
2	50			31				250		250				2
3	40	Bottle did not close		32 - empty										3
4	30			33										4
5	20			34										5
6	10			35										6
7														7
8	D		3	36										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	12DY08	BASIS leg 1	CTD006	011

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
006	57	29.95	N	159	59.85	W	21	AUG	12	14	03	7.4	.	23			240	11				55	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12					CTD MAX. DEPTH = 52 m

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 10-14 **Depth of FL max =** 8

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Duplicates

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			37										1
2	50			38				250		250				2
3	40			39										3
4	30			40										4
5	20			41										5
6	10			42										6
7														7
8	0			43	x0416									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson		BASIS leg 1	CTD007	12

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
007	58	09.01	N	159	59.43	W	21	Aug	12	19	50	9.0	.	23			211	12				48	12

Sensor IDS (initially & swap-outs)	Local Time (AKDT)						CTD MAX. DEPTH = 42
			12				

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 S/Ns	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 11 – 14 **Depth of FL max =** 9

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

POC

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		4	45	0x19			250		250				1
2	30			46										2
3	20			47		480	500							3
4	10			48								✓		4
5	0			49										5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		13

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA-NAME/ID
008	57	59.82	N	160	59.28	W	22	Aug	12	00	49	9.4		20			186	13				45	13

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 41

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 10 - 12 **Depth of FL max =** 12

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SAL-T/Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack ≥10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			50				250		250				1
2	30			51										2
3	20			52										3
4	10			53										4
5	0			54	239									5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1	CTD009	14

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
009	57	30.24	N	160	59.96	W	22	AUG	12	06	29	10.0	.	17			129	06				59	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			1 2				CTD MAX. DEPTH = 55.0

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 16-20 **Depth of FL max =** N/A

Weather: Overcast seas 3-4 ft.

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl.	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			055	× 221									1
2	50			056				250		250				2
3	40			057										3
4	30			058										4
5	20			059										5
6	10			060										6
7														7
8	0		× 5	061										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1	CTD010	D15

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA NAME/ID
010	57	00.11	N	161	59.98	W	22	AUG	12	13	52	9.1	.	10			182	16				62	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12
SBE type and S/N	9 11plus - Dyson		
PRESS S/N	772 - Dyson		
TEMP 1 &2 SNs	2376 and 4379 - Dyson		
COND 1&2 S/Ns	2985 and 3127 - Dyson		
FLUOR S/N	759 - EMA		
O2 (SBE43) S/N	904 and 910 - PMEL		
Transmiss S/N	1066 - EMA		
PAR S/N	70103 - EMA		
O2 SBE42S/N	N/A		

CTD MAX. DEPTH = 58.7

Pycnocline Depth= 17-22 **Depth of FL max =** N/A

Weather: overcast / drizzle seas 4-6 ft.

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

DUPLICATES.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			063										1
2	50			064				250		250				2
3	40			065										3
4	30			066										4
5	20			067										5
6	10			068					250		250			6
7														7
8	0			069	x 200									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		16

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR	GMT Time HR	GMT Time MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
011	57	30.10	N	162	00.07	W	22	Aug	12	18	53	7.7	.	08			175	6				47	16

Sensor IDS (initially & swap-outs)		Local Time (AKDT)						CTD MAX. DEPTH = 47
				12				

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 13 – 17 **Depth of FL max =** 18

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Tripped two bottles at depth because ship rolled and first two trips at ~ same depth. Then, because PAR is at position 7 I ~~fo~~ forgot to skip to 8, so missed the surface trip. Grabbed a surface bucket sample

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup. vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		6	71	242									1
2	—			70										2
3	40			72				250		250				3
4	30			73										4
5	20			74		500	500							5
6	10			75								✓		6
7	—		—	—										7
8	0			76										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		17

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
012	57	59.67	N	161	58.54	W	22	Aug	12	23	21	7.7	.	07			248	04				38	17

Sensor IDS (initially & swap-outs)	Local Time (AKDT)												CTD MAX. DEPTH = 32
					1	2							

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 10-12 Depth of FL max = 9

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

CRYO VIALS MISLABELED AS STN16. MADE NEW LABELS, HOPEFULLY, THEY WILL STICK. ↳ STN17

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			77				250		250				1
2	30			78										2
3	20			79										3
4	10			80										4
5	0			81	111									5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	0412 08	BASIS leg 1		18

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
013	57	59.86	N	162	59.70	W	23	AUG	12	05	18	7.8	.	08			293	16				41	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 37
SBE type and S/N	9 11plus - Dyson			
PRESS S/N	772 - Dyson			
TEMP 1 &2 SNs	2376 and 4379 - Dyson			
COND 1&2 S/Ns	2985 and 3127 - Dyson			
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL			
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA			
O2 SBE42S/N	N/A			

Pycnocline Depth= 5-6 m **Depth of FL max =** N/A

Weather: Overcast Seas 2-4

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	HydroTeam-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			083	x058			250		250				1
2	30			084										2
3	20			085										3
4	10			086										4
5	0		x7	087										5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	241208	BASIS leg 1		20

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR	GMT Time HR	GMT Time MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
								(note if not)															
014	57	29.94	N	162	59.66	W	23	AUG	12	13	53	7.8	.	13.			291	22				51	

Sensor IDS (initially & swap-outs)	
SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Local Time (AKDT) 12

CTD MAX. DEPTH = 46

Pycnocline Depth= 16 – 19 **Depth of FL max =** N/A

Weather: Broken 10k + ft ; seas 4-6 ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

DUPLICATES.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			088				250		250				1
2	40			089										2
3	30			090										3
4	20			091										4
5	10			092										5
6	0			093	060				250		250			6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		21

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR (note if not)	GMT Time HR	GMT Time MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
015	57	00.17	N	162	59.82	W	23	Aug	12	19	33	8.5		16			295	18				63	21

Sensor IDS (initially & swap-outs)	Local Time (AKDT)													CTD MAX. DEPTH = 58
					12									

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 15- 20 **Depth of FL max =** 5

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Micro zoop 6, 10 m

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		8	95	050									1
2	50			96				250		250				2
3	40			97										3
4	30			98										4
5	20			99		500	500							5
6	10			100								X		6
7	—		—	—	—									7
8	0			101										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		22

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
016	56	30.07	N	162	59.01	W	24	Aug	12	00	16	10.3	.	18			296	14				81	22

Sensor IDS (initially & swap-outs)		Local Time (AKDT)						CTD MAX. DEPTH = 75
				12				

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 26 - 30 **Depth of FL max =** 28

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			102										1
2	50			103				250		250				2
3	40			104										3
4	30			105										4
5	20			106										5
6	10			107										6
7	—	—	—	—	—									7
8	0			108	290									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		024

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
017	55	59.52	N	162	59.39	W	24	AUG	12	07	40	9.4	.	19			238	13				86	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 82
SBE type and S/N	9 11plus - Dyson			
PRESS S/N	772 - Dyson			
TEMP 1 &2 SNs	2376 and 4379 - Dyson			
COND 1&2 S/Ns	2985 and 3127 - Dyson			
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL			
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA			
O2 SBE42S/N	N/A			

Pycnocline Depth= 19-34 ; 44-50 **Depth of FL max =** N/A

Weather: Broken > 10,000 ft seas 3-5

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			110	x 289									1
2	75			111										2
3	50			112				250		250				3
4	40			113				|		|				4
5	30			114				|		|				5
6	20			115				|		|				6
7														7
8	10			116				|		|				8
9	0			117				|		|				9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		26

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
018	55	29.83	N	162	59.26	W	24	AUG	12	14	07	9.4	.	19			224	16				43	26

Sensor IDS (initially & swap-outs)	
SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Local Time (AKDT) 12

CTD MAX. DEPTH = 39.1

Pycnocline Depth= 17-18

Depth of FL max =

Weather: DARK + EARLY

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

TSG, DUPLICATES

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup. vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			119				250		250				1
2	30			120										2
3	20			121					250		250			3
4	10			122										4
5	0		9	123	280									5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		28

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
019	55	30.01	N	163	59.49	W	24	Aug	12	20	48	8.1	.	20			235	26				94	28

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 88
SBE type and S/N	9 11plus - Dyson			
PRESS S/N	772 - Dyson			
TEMP 1 &2 SNs	2376 and 4379 - Dyson			
COND 1&2 S/Ns	2985 and 3127 - Dyson			
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL			
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA			
O2 SBE42S/N	N/A			

Pycnocline Depth= 16 – 20 ± **Depth of FL max =** 24-30

Weather: Fog, 4-6 ft seas

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Stacked DUPLICATES POC, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			124	279									1
2	75			125										2
3	50			126		500	500	250		250				3
4	40			127										4
5	30			128										5
6	20			129										6
7	—		—	—	—									7
8	10			130								X		8
9	0			131										9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		30

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA NAME/ID
020	56	00.03	N	163	59.63	W	25	AUG	12	03	35	9.5	.	20			243	15				91	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 86
SBE type and S/N	9 11plus - Dyson			
PRESS S/N	772 - Dyson			
TEMP 1 &2 SNs	2376 and 4379 - Dyson			
COND 1&2 S/Ns	2985 and 3127 - Dyson			
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL			
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA			
O2 SBE42S/N	N/A			

Pycnocline Depth= 20 - 34 **Depth of FL max =** 34

Weather: Fog 6-8 ft. seas

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot 86		10	133										1
2	75			134										2
3	50			135				250		250				3
4	40			136										4
5	30			137				225						5
6	20			138				250						6
7	—		—	—										7
8	10			139										8
9	0			140	286									9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		32

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA NAME/ID
021	56	29.96	N	163	59.85	W	25	AUG	12	13	58	7.4		211			194	10				82	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)				12					CTD MAX. DEPTH = 79

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 20-22 **Depth of FL max =**

Weather: dark seas 4-6 ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

TSG, DUPLICATES.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF ≤10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack ≤10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			141	x 297									1
2	50			142				250		250				2
3	40			143					250		250			3
4	30			144										4
5	20			145										5
6	10			146										6
7	—		—	—	—									7
8	D			147										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		33

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
022	57	00.17	N	163	59.93	W	25	Aug	12	19	24	8.7		21			202	9				68	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12						CTD MAX. DEPTH = 63

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 19-22 **Depth of FL max =** 19-22

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

STACKED DUPLICATES, POC, TSG. Survey music is questionable, is it music? Or just noise?

Found cold pool - ~0.4°C @ 40m → bottom
On upcast, didn't stop @50, had to go back down.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			149										1
2	50			150				250		250				2
3	40			151		500	500							3
4	30			152										4
5	20			153										5
6	10			154								X		6
7														7
8	0		14	155	287									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		34

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE	VISIBILITY	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH (m)	STA NAME/ID
023	57	29.43	N	163	58.79	W	25	Aug	12	23	57	9.0		1019			178	10				53	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)								CTD MAX. DEPTH = 46.6
					1	2				

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 S/Ns	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 19-22 **Depth of FL max =** 15

Weather: FOGGY WITH A CHANCE OF MEATBALLS

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			156	293			250		250				1
2	40			157										2
3	30			158										3
4	20			159										4
5	10			160										5
6	0			161										6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		035

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (eml) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
024	57	59.75	N	164	00.27	W	26	AUG	12	06	21	9.1	.	13			189	19				46	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 41.3
SBE type and S/N	9 11plus - Dyson			
PRESS S/N	772 - Dyson			
TEMP 1 &2 SNs	2376 and 4379 - Dyson			
COND 1&2 S/Ns	2985 and 3127 - Dyson			
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL			
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA			
O2 SBE42S/N	N/A			

Pycnocline Depth= ~16 m **Depth of FL max =** 0-16

Weather: Foggy seas 5-6

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT.Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot 41		12	163				250		250				1
2	30			164										2
3	20			165										3
4	10			166										4
5	0			167	281									5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		037

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
025	58	30.74	N	163	59.19	W	26	Aug	12	16	24	9.4	.	09			224	23				38	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 32.4

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= None **Depth of FL max =** None

Weather: dark, windy, raining seas 8-10 ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Duplicates, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			168	x284			250		250				1
2	30			169					250		250			2
3	20			170										3
4	10			171										4
5	0			172										5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		38

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO (note if not)	GMT DATE YR	GMT Time HR	GMT Time MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
026	58	30.44	N	164	59.91	W	26	Aug	12	21	20	8.8		09			240	22				41	38

Sensor IDS (initially & swap-outs)		Local Time (AKDT)				CTD MAX. DEPTH = 38.7
SBE type and S/N	9 11plus - Dyson					
PRESS S/N	772 - Dyson					
TEMP 1 &2 SNs	2376 and 4379 - Dyson					
COND 1&2 S/Ns	2985 and 3127 - Dyson					
FLUOR S/N	759 - EMA					
O2 (SBE43) S/N	904 and 910 - PMEL					
Transmiss S/N	1066 - EMA					
PAR S/N	70103 - EMA					
O2 SBE42S/N	N/A					

Pycnocline Depth= None **Depth of FL max =** None

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

POC, STACKED DUPLICATES, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SAL.T.Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500ml	Comments or other samples	Nisk #
1	Bot			174				250		250				1
2	30			175										2
3	20			176										3
4	10			177								X		4
5	0		x13	178	x294	500	500							5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		39

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		Temp (°C)	WET BULB	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)	(°C)	(mb)	*	*	(deg)	(kts)	*	*	*	(m)	
027	57	59.99	N	164	59.40	W	27	AUG	12	02	23	8.1	.	13			313	16				49	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)								CTD MAX. DEPTH = 44.3
				1	2				

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= None **Depth of FL max =** 10

Weather: Overcast seas 5-6 ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT.Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot 44			180	203			250		250				1
2	40			181	No bottle between down for O2									2
3	30			182										3
4	20			183										4
5	10			184										5
6	0			185										6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		40

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE (note if not) DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
028	57	29.96	N	165	00.73	W	27	AUG	12	07	53	7.3	.	19			304	15				65	

Sensor IDS (initially & swap-outs)		Local Time (AKDT)				12				CTD MAX. DEPTH = 60 m

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 20-26 **Depth of FL max =** 20 m

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		x 14	186										1
2	50			187				250		250				2
3	40			188										3
4	30			189										4
5	20			190										5
6	10			191										6
7	—		—	—	—									7
8	0			192	x 285									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	OY1208	BASIS leg 1		041

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR (note if not)	GMT Time HR	GMT Time MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
029	56	59.96	N	164	59.12	W	27	AUG	12	14	08	8.0	.	23			303	15				68	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)										CTD MAX. DEPTH = 73
				1	2						

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 22-24 **Depth of FL max =** 24

Weather: DARK + SLEEPY.

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

DUPLICATES, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut Btl	Hydro Team-PMEL Oxy Btl	Stacked GFF >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			193	291			1						1
2	50			194				250		250				2
3	40			195										3
4	30			196										4
5	20			197										5
6	10			198					250		250			6
7	—		—	—										7
8	D			199										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson		BASIS leg		042

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (8ml) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
030	56	29.92	N	165	00.15	W	27	Aug	12	19	20	8.1	.	26			312	9				81	42

Sensor IDS (initially & swap-outs)	Local Time (AKDT)																						CTD MAX. DEPTH = 76
									12														

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 22 - 23 **Depth of FL max =** NA

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Did not get surface trip.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			201										1
2	50			202				250		250				2
3	40			203										3
4	30			204		500	500							4
5	20			205										5
6	10		15	206	282							X		6
7														7
8	0		15	207	282									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson		BASIS leg_____		043

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
031	56	00.43	N	164	59.65	W	27	Aug	12	23	54	8.8		28			091	7				96	43

Sensor IDS (initially & swap-outs)	Local Time (AKDT)											CTD MAX. DEPTH = 92
				12								

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 30 - **Depth of FL max =** 19/35

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Very interesting temperature profile @ 10m/minute @ 20-30m

u-Zoop @ 10 + 40 m

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			207	288									1
2	75			208										2
3	50			209				250		250				3
4	40			210										4
5	30			211										5
6	20			212										6
7														7
8	10			213										8
9	0			214										9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		045

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR	GMT Time HR	GMT Time MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (emt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA NAME/ID
032	55	29.72	N	164	59.71	W	28	AUG	12	06	45	9.8	.	28			006	1				107	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 102 m

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 20-23 m **Depth of FL max =** 10 m

Weather: Overcast, calm wind Seas: 1-2 ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Hydro Team-PMEL Nut Btl	Hydro Team-PMEL Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		16	216										1
2	75			217										2
3	50			218				250		250				3
4	40			219										4
5	30			220										5
6	20			221										6
7	—		—	—										7
8	10			222										8
9	0			223	234									9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		047

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA NAME/ID
033	55	00.05	N	165	00.08	W	28	AUG	12	14	10	7.5	.	261			105	8				106	047

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 100

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 20 - ? Depth of FL max = isn't one

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF+>10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			224	217									1
2	75			225										2
3	50			226				250		250				3
4	40			227										4
5	30			228				210					lost ~40mls in filtering	5
6	20			229				250						6
7														7
8	10			230										8
9	0			231										9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		49

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID *
034	55	00.02	N	165	59.78	W	28	Aug	12	21	35	10.2	.	21			159	21				137	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12					CTD MAX. DEPTH = 131

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 10 - 38 **Depth of FL max =** 10 m

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Upcast is very different from downcast from ~ 80 meters to ~ 20m

µ-zooP @ 20m, 10m, STACKED + UNSTACKED DUPLICATES, TSG + POC

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BoT			233										1
2	100			234										2
3	75			235										3
4	50			236				250		250				4
5	40			237										5
6	30			238					250		250			6
7														7
8	20			239		500	500							8
9	10			240								X		9
10														10
11	0		x17	241	x202				250		250			11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		050

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
035	55	30.07	N	165	59.40	W	29	AUG	12	02	23	10.8	.	17			183	22				122	050

Sensor IDS (initially & swap-outs)	Local Time (AKDT)												CTD MAX. DEPTH = 118.7
					1	2							

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= multi-layered **Depth of FL max =** 5-25

Weather: Broken seas 2-4

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

μ-zoop @ 30m, 10m + BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BoT	113m		243	174									1
2	100			244										2
3	75			245										3
4	50			246				250		250				4
5	40			247										5
6	30			248										6
7														7
8	20			249										8
9	10			250										9
10														10
11	0			251										11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	041208	BASIS leg 1		054

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
036	56	00.52	N	165	59.38	W	29	AUG	12	14	11	11.4	.	08			185	29				114	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 110

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= multi-layered **Depth of FL max =** ~ 20-24

Weather: dark seas 5-7

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Secondary temp sensor jumping all over near bottom and on upcast.

TSG, DUPLICATES

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	ROC 500 ml	Comments or other samples	Nisk #
1	Bot		18	252										1
2	100			253										2
3	75			254										3
4	50			255				250		250				4
5	40			256										5
6	30			257										6
7	—			—										7
8	20			258					250		250			8
9	10			259										9
10	—			—										10
11	0			260	>112									11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY 1208	BASIS leg 1		56

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA-NAME/ID
037	56	30.23	N	166	00.20	W	29	Aug	12	21	41	10.3		03			226	28				88	56

Sensor IDS (initially & swap-outs)	Local Time (AKDT)																						CTD MAX. DEPTH = 82
									12														

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 24-30 **Depth of FL max =** 26-30

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

fairly rough seas, trip depths vary

TSG, POC, STACKED DUPLICATES.

Nisk #	DEPTH DESIRED	Rosette Notes	HydroTeam-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			262	211									1
2	75			263										2
3	50			264				250		250				3
4	40			265										4
5	30			266										5
6	20			267										6
7	—			—										7
8	10			268		~~500~~ 400*	500					X	*lost ~100mls in	8
9	0			269									FILTERING	9
10	—			—										10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		57

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
038	56	59.88	N	165	59.86	W	30	AUG	12	02	39	8.6	.	D4			288	27				74	57

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 69.5

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 21-24 **Depth of FL max =** 23 m

Weather: Seas 6-8 ft.

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	ROC 500 ml	Comments or other samples	Nisk #
1	BOT	69.5m		270										1
2	50			271				250		250				2
3	40			272										3
4	30			273										4
5	20			274										5
6	10			275										6
7	—			—										7
8	0		19	276	176									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 7		59

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
039	57	30.11	N	165	59.33	W	30	Aug	12	14	12	8.0	.	09			282	10				68	59

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 63

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 19 - 21 **Depth of FL max =** 19

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

DUPLICATES, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydrp Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			278	.072									1
2	50			279				250		250				2
3	40			280										3
4	30			281										4
5	20			282										5
6	10			283										6
7	—		—	—	—									7
8	0			284					250		250			8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 7		60

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
040	58	00.04	N	166	00.16	W	30	Aug	12	19	24	8.1	.	10			299	13				58	60

Sensor IDS (initially & swap-outs)	Local Time (AKDT)						CTD MAX. DEPTH = 51
			12				

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 20-21 **Depth of FL max =** NA

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

POC, STACKED DUPLICATES, TSG.

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SAL-T-Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT		20	286										1
2	50			287				250		250				2
3	40			288										3
4	30			289										4
5	20			290										5
6	10			291								X		6
7	—													7
8	0			292	074	500	500							8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		61

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
041	58	29.69	N	166	00.36	W	30	Aug	12	23	38	7.7		10			298	13				46	61

Sensor IDS (initially & swap-outs)	
SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Local Time (AKDT) 12

CTD MAX. DEPTH = 41

Pycnocline Depth= None

Depth of FL max = None

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			293	198			250		250				1
2	30			294										2
3	20			295										3
4	10			296										4
5	0			297										5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		63

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
042	58	00.23	N	165	59.08	W	31	AUG	12	06	43	8.1	.	09			280	13				37	63

Sensor IDS (initially & swap-outs)	Local Time (AKDT)													CTD MAX. DEPTH = 25.5
				12										

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 S/Ns	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= None **Depth of FL max =** None

Weather: CALM, CLOUDY, SWELL 1-2ft

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOTTOM	25.5		299				250		250				1
2	20			300										2
3	10			301										3
4	0		21	302	x 059									4
5														5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		065

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR	GMT Time HR	GMT Time MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
043	59	00.46	N	166	58.99	W	31	AUG	12	14	05	6.9	.	08			291	10				38	65

Sensor IDS (initially & swap-outs) Local Time (AKDT) 12

CTD MAX. DEPTH = 32

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= None **Depth of FL max =** None

Weather: Dark 1-2 ft swells

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

DUPLICATES, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxy.Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			303	x 133			250		250				1
2	30			304										2
3	20			305										3
4	10			306					250		250			4
5	0			307										5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		066

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
044	58	29.97	N	166	59.87	W	31	Aug	12	19	07	6.9	.	09			268	10				46	66

Sensor IDS (initially & swap-outs)	Local Time (AKDT)											CTD MAX. DEPTH = 41
				1	2							

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= None

Depth of FL max = None

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

STACKED DUPLICATES, POC, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SAL-T-Btl	Nut-Btl	Oxy-Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot		22	309		500	500	250		250				1
2	30			310										2
3	20			311				*					*lost 450mls in filtering.	3
4	10			312								X		4
5	0			313	x032									5
6														6
7														7
8														8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		67

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO (note if not)	YR	GMT Time HR	MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
045	57	59.92	N	166	59.91	W	31	Aug	12	23	15	7.6	.	08			335	10				64	67

Sensor IDS (initially & swap-outs)		Local Time (AKDT)	12	CTD MAX. DEPTH = 59
SBE type and S/N	9 11plus - Dyson	Pycnocline Depth= 22-24		Depth of FL max = 18
PRESS S/N	772 - Dyson	Weather:		
TEMP 1 &2 SNs	2376 and 4379 - Dyson	COMMENT: Difficult conditions, factors that may affect measurements or aid processing		
COND 1&2 S/Ns	2985 and 3127 - Dyson	BLANKS		
FLUOR S/N	759 - EMA			
O2 (SBE43) S/N	904 and 910 - PMEL	New Oxygen pickling chemicals		
Transmiss S/N	1066 - EMA			
PAR S/N	70103 - EMA			
O2 SBE42S/N	N/A			

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			314	x226									1
2	50			315				250		250				2
3	40			316										3
4	30			317										4
5	20			318										5
6	10			319										6
7	—			—										7
8	0			320										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg I		068

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (*C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA NAME/ID
046	57	30.18	N	166	59.76	W	01	SEP	12	04	31	7.1		07			346	05				71	68

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 66

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 19-22 **Depth of FL max =** 21

Weather: Overcast swell 1-2 ft.

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot			321										1
2	50			322				250		250				2
3	40			323										3
4	30			324										4
5	20			325										5
6	10			326										6
7	—		—	—	—									7
8	D		23	327	187									8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg ____ | ____		070

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR (note if not)	GMT Time HR	GMT Time MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
047	57	00.42	N	166	59.93	W	01	SEP	12	14	10	8.2	.	04			099	14				75	

Sensor IDS (initially & swap-outs)	Local Time (AKDT)			12				CTD MAX. DEPTH = 70 m

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 23-26 m **Depth of FL max =** 24

Weather: Dark. Overcast, seas 2-4 ft.

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

Jelly on upcast around 24 m

BLANK, STANDARD DUPLICATES

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SAL-T Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	Bot	70m		329	.064									1
2	50			330				250		250				2
3	40			331										3
4	30			332										4
5	20			333					250		250			5
6	10			334										6
7	—		—											7
8	0			335										8
9														9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		071

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	GMT DATE MO	GMT DATE YR	GMT Time HR	GMT Time MIN	Temp (°C)	WET BULB (°C)	PRESSURE (mb)	SEASTATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
048	56	30.35	N	167	59.89	W	01	Sep	12	19	23	8.9	.	99			111	23				106	071

Sensor IDS (initially & swap-outs)	
SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Local Time (AKDT) 12

CTD MAX. DEPTH = 99.7

Pycnocline Depth= 22-30 Depth of FL max = 24-26

Weather:

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

POC, STACKED DUPLICATES, TSG

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT		x24	336										1
2	75			337										2
3	50			338				250		250				3
4	40			339		500	500							4
5	30			340										5
6	20			341										6
7	—		—	—	—									7
8	10			342								X		8
9	0			343	178									9
10														10
11														11
12														12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (No need if data is live feed)	STATION NO.
Oscar Dyson	DY1208	BASIS leg 1		072

CTD consec CAST #	LATITUDE DEG	LATITUDE MIN		LONGITUDE DEG	LONGITUDE MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Temp (°C) (°C)	WET BULB (°C)	PRESSURE (mb)	SEA STATE *	VISIBILITY *	WIND DIRN. (deg)	WIND SPD. (kts)	CLOUD (amt) *	TYPE *	WEATHER *	BOTTOM DEPTH (m)	STA. NAME/ID
049	56	00.29	N	166	59.79	W	01	Sep	12	00	36	9.7	.	94			181	14				134	072

Sensor IDS (initially & swap-outs)	Local Time (AKDT)										CTD MAX. DEPTH = 130
				1	2						

SBE type and S/N	9 11plus - Dyson
PRESS S/N	772 - Dyson
TEMP 1 &2 SNs	2376 and 4379 - Dyson
COND 1&2 S/Ns	2985 and 3127 - Dyson
FLUOR S/N	759 - EMA
O2 (SBE43) S/N	904 and 910 - PMEL
Transmiss S/N	1066 - EMA
PAR S/N	70103 - EMA
O2 SBE42S/N	N/A

Pycnocline Depth= 30 - 40 Depth of FL max = 2 - 8

Weather: FOGGY SEAS = GRAY

COMMENT: Difficult conditions, factors that may affect measurements or aid processing

BLANKS

END LEG 1

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL SALT Btl	Nut Btl	Oxy Btl	Stacked GFF + >10 vol	Stacked dup vol	Unstack GFF vol	Unstack GFF dup vol	Unstack >10 vol	Unstack >10 dup vol	POC 500 ml	Comments or other samples	Nisk #
1	BOT			344	x116									1
2	100			345										2
3	75			346										3
4	50			347				250		250				4
5	40			348										5
6	30			349										6
7	—			—										7
8	20			350										8
9	10			351										9
10	—			—										10
11	0			352										11
12														12