VESSEL: Oscar Dyson 2014

CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
DY1408	BASIS leg	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE			GMT Time		Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
	DEG	MIN	N	DEG	MIN	W	DAY	MO	YR	HR	MIN				
031	55	59.66	N	166	59.45	W	28	AUG	14	14	55		135	59	

CTD MAX. DEPTH = 126

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather: Dark

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

Nisk #	DEPTH DESIRED	Rosette Notes		Hydro Team-PMEL				Comments or other samples	Nisk #
		SALT Btl	Nut.Btl	Oxygen	GFF vol >10 Large Vol	GFF dup vol	>10 dup vol (large)		
1	Bot		217	276					1
2	100		218						2
3	75		219						3
4	50		220		290				4
5	40		221		290				5
6	30		222		290	290			6
7	20		223		290	290			7
8	10		224		290	290			8
9	0		225	152	290	290	290		9
10									10
11									11
12									12

VESSEL: Oscar Dyson 2014

CRUISE ID: | **PROJECT & LEG (if needed)** | **CTD FileName (None if data is live feed)**
| BASIS leg |

CTD consec CAST #	LATITUDE DEG	MIN	N	LONGITUDE DEG	MIN	W	GMT DATE DAY	MO	YR	GMT Time HR	MIN	Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
032	56	29.86	N	166	59.99	W	28	AUG	1 4	20	08		106		60

CTD MAX. DEPTH = 101

PROJECT & LEG: DY14-08

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	SAME
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather:

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

10×710 has 2 filters.

Nisk #	DEPTH DESIRED	Rosette Notes — SALT Btl	Nut.Btl	Oxygen	GFF vol >10 Large Vol	GFF dup vol	>10 dup vol (large)	Comments or other samples	Nisk #
1	Bot			226	290				1
2	75			227					2
3	50			228	290				3
4	40			229	290				4
5	30			230	290				5
6	20			231	290	290			6
7	10			232	290	290			7
8	6			233 × 278	290	290	290		8
9									9
10									10
11	Inline			466	290				11
12									12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Oscar Dyson 2014	DY14-08	BASIS leg 1	

CTD consec CAST #	LATITUDE DEG	MIN	N	LONGITUDE DEG	MIN	W	GMT DATE DAY	MO	YR	GMT Time HR	MIN	Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
033	56	59.83	N	166	59.28	W	29	AUG	14	0147		74	62		

CTD MAX. DEPTH = 70

Sensor IDS (initially & swap-outs)

- SBE type and S/N
- PRESS S/N
- TEMP 1&2 SNs
- COND 1&2 S/Ns
- FLUOR S/N
- O2 (SBE43) S/N
- Transmiss S/N
- PAR S/N
- O2 SBE42S/N

SAME

Weather:

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

Very narrow Cl- max @ 25m on way down, sampled 25m

No Bottom Bottle

Nisk #	DEPTH DESIRED	Rosette Notes SALT Btl	Nut Btl	Oxygen	Hydro Team-PMEL GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Comments or other samples	Nisk #
1	BOT	can didn't close		234						1
2	50	153	235	037	296					2
3	40		236		290					3
4	30		237		290					4
5	25		238		290					5
6	20		239		290	290				6
7	10		240		290	290				7
8	0		241		290					8
9										9
10										10
11										11
12										12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Oscar Dyson 2014	DY1408	BASIS leg	

CTD consec CAST #	LATITUDE		LONGITUDE		GMT DATE			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO *(note if not)*	YR	HR	MIN	(°C)	(m)		
634	57	30.20 N	166	59.80 W	29	AUG	14	14	50	70	65		

CTD MAX. DEPTH = 64

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather: Dark But Clear, No wind

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

Water is milky

Nisk #	DEPTH DESIRED	Rosette Notes	Hydro Team-PMEL							Comments or other samples	Nisk #
			SALT Btl	Nut.Btl	Oxygen	GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)		
1	BTM		242		290						1
2	50		243		290						2
3	46		244		290						3
4	30		245		290						4
5	20		246		290		290				5
6	10		247		290		290	290		6
7	0		248 x100		290						7
8											8
9											9
10											10
11											11
12											12

VESSEL Oscar Dyson 2014

CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
DY14-08	BASIS leg	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE *(note if not)*			GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN	N	DEG	MIN	W	DAY	MO	YR	(°C)			(m)		
035	50	59.91	N	168	60.15	W	29	AUG	14	22	13		80	67	

CTD MAX DEPTH = 74

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	SAME
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather: Overcast

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

Bioluminescence @ 20u

Chloocounts 98/0.63

Nisk #	DEPTH DESIRED	SALT Btl	Nut.Btl	Oxygen	GFF vol / Vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Comments or other samples	Nisk #
1	BOT	249	*107							1
2	50	250		290			290			2
3	40	251		290						3
4	30	252		290						4
5	20	253		290	290					5
6	10	254	250	290	290					6
7	0	*154 255		290	290					7
8										8
9										9
10	Inline	467		290						10
11										11
12										12

VESSEL Oscar Dyson 2014
CRUISE ID DY1408
PROJECT & LEG (if needed) BASIS leg \
CTD FileName (None if data is live feed)

CTD consec CAST #	LATITUDE DEG	MIN		LONGITUDE DEG	MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
036	56	30.18	N	163	00.82	W	30	AUG	14	03	02	1/8			68

CTD MAX DEPTH = 113

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

(signature)

Weather: Overcast

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

Rosette Notes

Nisk #	DEPTH DESIRED	Hydro Team-PMEL SALT Btl	Nut.Btl	Oxygen	GFF vol / >10 Large Vol	GFF dup vol / >10 dup vol (large)	Comments or other samples	Nisk #
1	BTM		256	290				1
2	100		257					2
3	75		258	290				3
4	50		259	290				4
5	40		260	290				5
6	30		261	290	290			6
7	20		262	290	290			7
8	10		263	290	290			8
9	0		264	×113	290	290		9
10								10
11								11
12								12

VESSEL Oscar Dyson 2014
CRUISE ID DY1408
PROJECT & LEG (if needed) BASIS leg
CTD FileName (None if data is live feed)

CTD consec CAST #	LATITUDE DEG	MIN		LONGITUDE DEG	MIN		GMT DATE DAY	MO	YR	GMT Time HR	MIN	Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
037	56	00.00	N	168	00.22	W	30	AUG	14	14	56		138	72	

CTD MAX. DEPTH = 132

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather: Dark, raining mist

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

lots of Sea Birds

Rosette Notes / Hydro Team-PMEL

Nisk #	DEPTH DESIRED	SALT Btl	Nut.Btl	Oxygen	GFF vol >10 Large Vol	GFF dup vol >10 dup vol (large)	Comments or other samples	Nisk #
1	BTM	155	265	150				1
2	100		266		290			2
3	75		267		290			3
4	50		268		290			4
5	40		269		290			5
6	30		270		290	290		6
7	20		271		290	290		7
8	10		272		290	290		8
9	0		273		290	290		9
10								10
11								11
12								12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)		CTD FileName (None if data is live feed)
Oscar Dyson 2014	DY1408	BASIS leg		

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE (note if not)			GMT Time		BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
	DEG	MIN	N	DEG	MIN	W	DAY	MO	YR	HR	MIN	Surface Temp (°C)		
038	55	30.02	N	168	00.06	W	30	AUG	14	1938		145	73	

CTD MAX. DEPTH = 140

Sensor IDS (initially & swap-outs)

- SBE type and S/N
- PRESS S/N
- TEMP 1 &2 SNs
- COND 1&2 S/Ns
- FLUOR S/N
- O2 (SBE43) S/N
- Transmiss S/N
- PAR S/N
- O2 SBE42S/N

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

Weather: Partly Cloudy + Breezy

Thermocline at 40 m

Chloro count 60/14

Biolum iridescence seen on the 20m 7/0

Biolum iridescence

Nisk #	DEPTH DESIRED	Rosette Notes	SALT Btl	Nut.Btl	Oxygen	GFF vol (>10 Large Vol)	GFF dup vol	>10 dup vol (large)	Comments or other samples	Nisk #
1	Bot			274		290				1
2	125			275		290				2
3	100			276			290			3
4	75			277						4
5	50			278		290				5
6	40			279		290	290			6
7	30			280		290	290			7
8	20			281		290	290	290		8
9	10			282	161	290	290			9
10	0	bottle leaking		283		290	290	290		10
11	Inline 468									11
12										12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Oscar Dyson 2014	DY14-08	BASIS leg	

CTD consec CAST #	LATITUDE DEG	MIN	LONGITUDE DEG	MIN	GMT DATE DAY	MO *(note if not)*	YR	GMT Time HR	MIN	Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
039	54	59.92 N	168	00.10 W	31	AUG	14	01	31		1106	74	

CTD MAX. DEPTH = 1100

Sensor IDS (initially & swap-outs)

SBE type and S/N	
PRESS S/N	SAME
TEMP 1 &2 SNs	
COND 1&2 S/Ns	
FLUOR S/N	
O2 (SBE43) S/N	
Transmiss S/N	
PAR S/N	
O2 SBE42S/N	

Weather: Partly cloudy, no wind.

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

@ 500 on up cast 2nd O2 diverging—large difference
+11 ~150m

Last Station of Leg I!

Nisk #	DEPTH DESIRED	SALT Btl	NutBtl	Oxygen	GFF vol	>10 Large Vol	GFF dup vol	>10 dup vol (large)	Comments or other samples	Nisk #
1	BOT	284								1
2	500	285	285							2
3	250	286	286							3
4	100	287								4
5	75	288								5
6	50	289		240	240					6
7	40	290		290	290					7
8	30	291		290	290					8
9	20	292		290	290					9
10	10	293		290	290					10
11	0	294		290	290					11
12		156								12

VESSEL	CRUISE ID	PROJECT & LEG (if needed)	CTD FileName (None if data is live feed)
Oscar Dyson 2014	DY1408	BASIS leg 2	

CTD consec CAST #	LATITUDE			LONGITUDE			GMT DATE			GMT Time			Surface Temp (°C)	BOTTOM DEPTH (m)	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	MO *(note if not)*	YR	HR	MIN					
040	55	59.58	N	169	00.89	W	05	SEP	14	17	241			75		

CTD MAX. DEPTH = 1090

Sensor IDS (initially & swap-outs)

SBE type and S/N
PRESS S/N
TEMP 1 &2 SNs
COND 1&2 S/Ns
FLUOR S/N
O2 (SBE43) S/N
Transmiss S/N
PAR S/N
O2 SBE42S/N

Weather:

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

Nisk #	DEPTH DESIRED	Rosette Notes			Hydro Team-PMEL			Comments or other samples	Nisk #
		SALT Btl	Nut.Btl	Oxygen	GFF vol / >10 Large Vol	GFF dup vol	>10 dup vol (large)		
1	B+m	157	295	37					1
2	560		296						2
3	250		297						3
4	100		298						4
5	75		299						5
6	50		300		X 790				6
7	40		301		X 790				7
8	30		302		X 790				8
9	20		303		X 790	X 790			9
10	10		304		X 790	X 790			10
11	0		305		X 790				11
12									12