VESSEL Oscar Dyson 2014	on 2014		CRUISE ID	80412G	804	Q Q	PROJECT & LEG		( if needed)	CTD File	CTD FileName (None if data is live feed)	lata is live fee	∌d)
						- 1							
CTD consec CAST #		LATITUDE		LONGITUDE		GMT DATE	(note if not)	not)   GMT	ਰ <b>ਜ</b>	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIZ	DEG	MIN		DAY	MO		HR MIN	$\vdash$			
031	25	59.66 N	991	54.65	٧	7 82	AUG	1 4	14 SS		135	8	
Sensor IDS	(initially &	& swap-outs)		Weather:	Dark	<i> </i>							CTD MAX. DEPTH $= 126$
			1										
PRESS S/N		/		COMMENT:		Difficult conditions,		factors tha	t may at	hat may affect measurements	9	aid processing	
TEMP 1 &2 SNs		X	/										
COND 182 S/Ns		5 3											
FLUOR S/N	1	7											
Transmiss S/N	ŀ	1											
PAR S/N		/										(8)	
02 SBE42S/N										ļ			
	DEPTH	Rosette Notes	Hv	Hvdro Team-PMEL	ÆL	GE	<b>101 area</b>			7		Composts or other	
NISK #	DESIRED		SALT Btl	NutBtl	Oxygen	vol	Vol	_	GFF aup voi	vol (large)		samples	es #
1 Rot	Ť			412	276								_
2	00			218									2
ω	な			219									3
4	50			220		790							4
СЛ	40			24		290							5
6	30			222		290	~						6
7	20			223		296	790	0					7
œ	10			224		296	290			290			8
9	0		152	225		290							9
10													10
11													11
12													12

, in open				- 11	7	DR(	7 IECT %	& I EG ( if needed		CTD FileName (None if data is live feed)	lata is live feed)	
Oscar Dyson	on 2014		CKOIOE ID	DY14-02	02	BAS	BASIS leg			Clading (None ii )		
CTD consec					GMT	7		0				STN.
7	DEG	MIZ C	DEG	MIN	DAY		MO YR	_	N (°C)	(m)		
680	35	N 38.66	166	59.99	8	28 A	0 1	4 200	8	201		60
Sensor IDS	(initially &	swap-outs)		Weather:							= CT	CTD MAX. DEPTH
SBE type and S/N			/									
PRESS S/N	)	175		COMMENT:	Difficult conditions,	conditic	ns, factors th	at may	affect measurements	익	aid processing	
TEMP 1 &2 SNs	7	\										
COND 1&2 S/Ns												
FLUOR S/N							2	1				
02 (SBE43) S/N	1			10m71	3	200	ナナ	ters			Market Control	
PAR S/N												
O2 SBE4ZS/N												
Nisk #	DEPTH F	Rosette Notes	Нус	Hydro Team-PMEL		GFF	>10 Large	GFF dun voi	>10 dup		Comments or other	other Nisk
7	DESIRED		SALT Btl .	Nut.Btl Oxygen	/gen	VOI	Vol		vol (large)		samples	
1	204			226								  -
2	75	000000000000000000000000000000000000000		227								2
ω	55			228		190						3
4	5			229		290						4
υ	30			230		240						5
6	20			231	1	290	290					6
7	ò			232		290	790					7
8	σ			233 ×	278	790		290	À			8
9				 								9
10												10
11	\$ (1.40		466			190						11
12												12

VESSEL Oscar Dyson CTD consec	2014	ATITUDE	CRUISE ID				PROJECT & LEG ( BASIS leg	LEG ( if needed)			CTD FileN:	CTD FileName (None if d	Name (None if da
CAST#	DEG	LATITUDE	LC DEG L	LONGITUDE		DATE	(note if not) MO YR	⊣	HR ime	<u>s</u>	Н	<u>s</u>	Surface Temp  MIN (°C)
50	3 56	59.33 N	166	59.2	⊗ ¥	29 A	061	4	2014	450	4710	ht   thio	74
Sensor IDS		(initially & swap-outs)		Weather:									CTD MAX. DEPTH
SBE type and S/N	ž												
PRESS S/N		77		COMMENT:		Difficult conditions,		H	factors that ma			at may affect measurements or	at may affect measurements or ai
TEMP 1 &2 SNs	$\uparrow$	1000		Ver	7	MATTOW	5		Max	@ 25		@ 25m or way	@ 25m or
FLUOR S/N				No	80	Han	t	0	0 + o				
02 (SBE43) S/N	\												
PAR S/N	\ 												
02 SBE42S/N													
dick #	DEPTH	Rosette Notes	Ну	Hydro Team-PMEL	<b>"</b>	GFF	>10 Large		GEE dup w	din vol	GEE dim vol >10 dup	din vol	din vol
14107. 17	DESIRED		SALT BtI	Nut.Btl Ox	Oxygen	vol	Vol		Oi ado s	ado so:	\   \	ado so:	ado so:
1	301	cap didnit close		234								3	2
2	0,2		153		480	296							
3	Ch			236		290							
4	30			237		290							
5	25			238		295							
6	20			239		290	290						
7	70			240		290	290						
∞	5			241		290							
9													
10													
1								1					
12													

PROJECT STATE (note MIN DAY MO  Weather: Difficult conditions, to the model of the	GMT DATE DAY MO YR  Difficult conditions, factors t	GMT DATE (note if not) Time Surfactors that may affect multiples of the state of th	GMT DATE (note if not) Time Surft  DAY MO YR HR MIN  29 4 3 1 4 14 50  Difficult conditions, factors that may affect me	GMT DATE DAY MO VR HR MIN CC) W 29 L J GMT Time Surface Temp HR MIN (°C)  HR Surface Temp
	# not)   1   4   1   4   4   4   4   4   4   4	GMT Time Surfa  YR HR MIN 1 4 50  actors that may affect mo	GMT If not)  YR HR MIN 1 4 1 50  actors that may affect model  A  A  A  A  A  A  A  A  B  A  B  A  B  B	GMT   GMT   Surface Temp   BOTTOM   STATION   DEPTH   NUMBER   CTD FileName (None if data is live fee   CTD FileName (N

VESSEL Oscar Dyson 2014	on 2014		CRUISE ID	744	80-1	ס ס	PROJECT & LEG			FileName (None	CTD FileName (None if data is live feed)	ed)
CTD consec						GMT		GMT	,	_		STN.
7	DEG _	MZ C	DEG	MIN		DAY	MO YR	五	MIN (°C)	(m)		
550		N 15.55		00	S w	_	0	4 221		8 0	43	H
Sensor IDS	initially 8	Sensor IDS (initially & swap-outs)		Weather:	Overc	Co A	1					CTD MAX DEPTH
SBE type and S/N												34
PRESS S/N				COMMENT:		ılt condi	tions, fac	tors that may	affect measu	Difficult conditions, factors that may affect measurements or aid processing	d processing	
TEMP 1 &2 SNs	h	AME					)					
COND 1&2 S/Ns FLUOR S/N	L			100	Omine	250,00	(2)	204				
02 (SBE43) S/N	<b>\</b>											
Transmiss S/N	1			2								
PAR S/N O2 SBE42S/N				Ch Dro	30	Å	18/0	63				
#	DEPTH	Rosette Notes	Нус	Hydro Team-PMEL	MEL	GFF	>10 Large		>10 dup		Comments or other	or other Nisk
1	DESIRED		SALT Btl	Nut.Btl (	Oxygen	vol	Vol				samples	
1	1051			549	401 *	OBE		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				_
2	5			250		290		290				2
3	40			251		290						3
4	30			252		290						4
5	S			253		290	290					5
6	Ō			754		240	290	0				6
7	0		H51*	255		290						7
8				000000000000000000000000000000000000000	000000000000000000000000000000000000000	Section 100 and 100	000000000000000000000000000000000000000			0.000	000000000000000000000000000000000000000	8
9												9
10	nline	467				290						10
11												11
12												12

•		Par prove			
CTD consec		GMT	GMT	BOTTOM STATION	STN.
CASI # LA III ODE	LONGITODE	DAY MO YR	HR MIN (°C)		INAINIE/ID
6	0	P C 0	302	1	8
(initially 8 curan-cuts)	Weather:	burne			CTD MAX DEPTH
SBE type and S/N					
PRESS S/N	COMMENT: Diffic	Difficult conditions, factors th	that may affect measurements	ments or aid processing	
TEMP 1 82 SNs					
COND 1&2 S/Ns					
FLUORS/N					
OZ (SBE43) SIN					
PAR S/N					
OZ SBE42SIN			ř.		
DEPTH Rosette Notes	Hydro Team-PMEL	) Large	GEE dup vol 20 dup	Comments or other	or other Nisk
DESIRED	SALT Btl Nut.Btl Oxygen	vol Vol	vol (large)	samples	
1 BTK	256				
2 /00	257				2
3 75	258				3
4 50	259	290			4
5 to	012	290			5
8	261	290			6
7 20	242	290 290			7
8 (0	263	240 290			8
9	211 V 192	250			9
10					10
					11
12					12

11 10 9	9	9		×	7	6	O1	4	3	2	1		Nick #	02 SBE42S/N	PAR S/N	Transmiss S/N	FLUOR S/N	COND 1&2 S/Ns	TEMP 1 &2 SNs	PRESS S/N	SBE type and S/N	Sensor IDS	7.50		CTD consec	VESSEL Oscar Dyson 2014
			0	10	02	8	40	5	154	00	X	DESIRED	DEPTH	11	I	4	1	1			et D		32	DEG		on 2014
													Rosette Notes	1		100	1	1	7			(initially & swap-outs)	00,00	MIN	LATITUDE	
											155	SALT Btl	Ŧ					"	1	\	/		N 168	DEG	_	CRUISE ID
			となる	272	777	246	269	268	435	266	265	Nut.Btl	Hydro Team-PMEL						1045	COMMENT:		Weather:	00.2	MIN	LONGITUDE	7
											150	Oxygen	MEL					0	Cs	IT: Difficu		Dan	N		:	140% 140%
			290	290	290	290	290	290				vol	GFF						Sea Bi	Difficult conditions,			38 4	DAY	GMT DATE	B,PF
				290	290							Vol	>10 Large					1	Sel.	ions, factors t	-	ainy r	C 9	MO Y	(note if not)	PROJECT & BASIS leg
				290								-	GFF dup vol							ors that may		1)5+	4 14 5	-	GMT Time	LEG ( if needed)
												vol (large)	>10 dup							hat may affect measurements or aid processing			6	MIN (°C)	Surface Temp	
																				suremen				0	Temp	D FileNar
																				ts or aid p			138	(m)	BOTTOM DEPTH	ne (None if o
												samples	Comments or other							rocessing			72		STATION	CTD FileName (None if data is live feed)
	11	10	9	8	7	6	5	4	ω	2	_	es #	z									= /32_			STN. NAME/ID	)   

VESSEL Oscar Dyson CTD consec	Dyson 2014		CRUISE ĮĮ	CRUISE IB Y 1408		PROJECT & BASIS leg	LEG ( if needed)		<del> </del> <del> </del> <del> </del> <del> </del> <del> </del> <del> </del>	Vame
CTD consec	nsec #	LATITUDE	_	LONGITUDE	GMT DATE	(note if not)		7		Surface Temp
5	וויי	) 1	DEG		5	-				) =
007		170.04	- 6	()	W		1		C	
Sensor IDS	· IDS (initially	(initially & swap-outs)		Weather: ₽	Party C	loudy	J.	(ent	real.	reary.
SBE type and S/N	N/N		/		-	_		0	C	
PRESS S/N	ĺ		,	COMMENT: Difficult conditions, factors	Difficult co	nditions, fac	ğ	s that may	s that may affect measure	s that may affect measurements or aid processing
TEMP 1 &2 SNs	<del>8</del>			Per	crmocline	4	7	7	Z	¥
COND 182 S/Ns	R <sub>S</sub>	The state of the s								
O2 (SBE43) S/N	ž 	1								
Transmiss S/N	z 	1.6		Chloro	Commit	1001				
PAR S/N	1 1	10		Biolow	) Mar 2 Carry	0	18	5	the 20my	the ZOM
02 SBE42S/N										
# #	DEPTH	Rosette Notes	Ну	Hydro Team-PMEL	GFF	F >10 Large	2	Fi	>10 dup	
7	DESIRED		SALT Btl	Nut.Btl Oxygen	en vol		<u></u>		vol (large)	_
1	801			hEZ						
2	125			2.75						
ω	100			775						
4	54			777						
5	50			278	290	0				
6	Чo			<b>39</b> 9	290	0			-	
7	ŜΟ			280	290	0	<u> </u>			
8	26			28)	2,	90 290	_	2813		
9	0	545			20	90 240				
10	0	bottleleaking		283	2	20	_	290	290	290
11	Inline	891			290	0				
12					_		1			

						-					
VESSEL Oscar Dyson	on 2014		CRUISE ID	DYIH-O	8	PROJECT & L BASIS leg	LEG ( if needed)	CTD FileN	CTD FileName (None if data is live feed)	ata is live feed	"
CTD consec		ATITUDE	Ę	LONGITUDE	GMT DATE	(note if not)	<b>GNT</b> <i>t)</i> Time	Surface Temp	ВОТТОМ	STATION	STN. NAME/ID
	DEG	MIN	DEG	MIN	DAY	MO YR		-	(m)		
039	-5	1 20'65	8 1		W 31 F	AU61	4 (0131		9011	ht.	
Sensor IDS	(initially &	swap-outs)		Weather: Par	th c	loudy	· No C	ind		0	CTD MAX. DEPTH = / OO
SBE type and S/N							- 1		В		
PRESS S/N	\ > >	77		COMMENT: Difficult conditions, factors	ficult condi	tions, facto	l ⇔ l	hat may affect measurements or aid processing	ents or aid pr	ocessing	
TEMP 1 &2 SNs	シュニ	4		G 500	00000	CSS+	2nd a	diverging-1	arge diff	BANG	
COND 1&2 S/Ns	1			さこら	150M			, ,			
FLUOR S/N	1							9			
Transmiss S/N	\			100	へな	Tien	21/00	7/			
PAR S/N	\ 			1000	1		0	9			
Nick #	DEPTH Ros	Rosette Notes	Нус	Hydro Team-PMEL	GFF	>10 Large	GEE dim vol	>10 dup		Comments or other	
	DESIRED		SALT Btl	Nut.Btl Oxygen	<u>vo</u>	<u>\</u>		vol (large)		samples	#
<b>1</b>	Bot			784							
2	500			725							
ω	250			236							
4	00			287							
Сī	54			288							
<b>б</b>	50			289	290						
7	0 1			290	- 29c						
∞	<i>ا</i> رگ			291	290						
9	90			292	290	290					
10	0			243	290	790					10
11	0		156	794	290						11
12		The state of the s								CONTRACTOR BOARD BOARD CONTRACTOR	2

I SOUL			=2:1 ld				PROJECT	%   FG (	if needed)	3	CTD FileN	CTD FileName (None if data is live feed)	lata is live fee	<u>Ą</u>	
Oscar	Oscar Dyson 2014		S & HIAO	8 B h		<u>.</u>	BASIS leg_				(		100000000000000000000000000000000000000		1_
)						1		)	1				T A T D	O TA	
CAST #		LATITUDE	_	LONGITUDE	= 4	DATE	(note if not)		Time	ည	Surface Temp	DEPTH	NUMBER	NAME/ID	
	DEG	MIN	DEG	MiN		DAY	MO		$\vdash$	MIN	(°C)	(m)			Ш
ghb	55 0	85.65 N	169	68.00	8		SEP	1 4	4	74			24		
Sensor IDS	(initially	& swap-outs)		Weather:										CTD MAX. DEPTH	
SBE type and S/N	4													1000	$\square$
PRESS S/N				COMMENT:		It condi	tions, fac	ctors th	at may	affect i	Difficult conditions, factors that may affect measurements	ents or aid pr	or aid processing		
TEMP 1 &2 SNs	SNs -														
COND 1&2 S/Ns	S/Ns														
FLUOR S/N	1														
02 (SBE43) S/N	S/N														_
Transmiss S/N	2														
PAR S/N	2														_111_
								8							
Ziek #	DEPTH	Rosette Notes	Ну	Hydro Team-PMEL		GFF	>10 Large		GFF dun vol	>10 dup	듐		Comments or other	or other Nisk	<u>×</u>
	DESIRED		SALT Btl	Nut.Btl C	Oxygen	<u>vol</u>	Vol		1	vol (large)	ge)		samples		
1	B+M		157	295	4 {									1	
2	500			196										2	
ω	250			+62										3	
4	100			8 82										4	
5	54			199										5	
6	50			300		obz X	0							6	
7	40			7001		X								7	
8	30			302		X 290	0							8	
9	20			303		O62 X	X	00						9	
10	10			30 <b>4</b>		X tho	×	CHO						10	
= 1	O			305		× Se	C							11	
12														12	
															L

9.