LATITUDE   LONGITUDE   CANTE   Coole frost   Time   Coole frost   Time   Coole frost   Time   Coole frost   Time   Coole frost   Coole frost   Time   Coole frost   Cool	VESSEL Oscar Dyson	son 2014		CRUISE ID	D41408	X	ק ש	PROJECT &	LEG ( if needed)	ded)	CTD FileN:	CTD FileName (None if data is live feed)	lata is live fee	ed)
DEG   MIN   DEG   MIN   DAY   MO   YR   HR   MIN   CO   R   MIN   MIN   CO   MIN   CO   MIN   CO   CO   CO   CO   CO   CO   CO   C	CTD conse			-		2.0	TME	(note if		0	Ton Ton	BOTTOM	STATION	STN.
Comments or other   Comments or alid processing   Comments or other   Comments or ot	9	╗.	Z (	- 1	MIN		DAY	MO T	-	$\rightarrow$	(°C)	(m)		
Or IDS (initially & swap-outs)         Weather: Cloudy, what is all sold in the conditions, factors that may affect measurements or aid processing         CDMMENT: Difficult conditions, factors that may affect measurements or aid processing           2986         CMI         IOS (INITIALLY)         For include         For include <td< th=""><th>021</th><th>82</th><th>五</th><th>9</th><th>8.93</th><th>W (</th><th></th><th>0</th><th></th><th>17</th><th></th><th>84</th><th></th><th>:80</th></td<>	021	82	五	9	8.93	W (		0		17		84		:80
COMMENT: Difficult conditions, factors that may affect measurements or aid processing	Sensor ID	S (initially	& swap-outs)		Weather:	C 1000	10,							CTD MAX DEPTH
COMMENT: Difficult conditions, factors that may affect measurements or aid processing   298%   298	SBE type and S/N													
29 Sea	PRESS S/N			/	COMMEN	T: Difficul	t condit			ıy affect ı	neasureme	nts or aid pr	ocessing	
CALL   165 / 1.45   Camments or other	TEMP 1 &2 SNs			7										
Sign   CA	COND 1&2 S/Ns	1												
SIN   CA	FLUOR S/N	1	1851											
DEPTH   Rosette Notes   Hydro Team-PMEL   GFF   Molarge   Comments or other	02 (SBE43) S/N	1												
DEPTH   Rosette Notes   Hydro Team-PMEL   GFF   >10 Large   GFF dup vol   vol (large)     SalTBH   MultBH   Daygen   Vol   290   290     290	I ransmiss o/N	1	1		2	7		5						
DEPTH   Rosette Notes   Hydro Team-PMEL   DESIRED   SALT Bel   Mrd.Bel   Comments or other   Vol   Vol   Samples   Vol   Vol   (large)   Comments or other   Samples   Samples	O2 SBE42S/N				CM.	ō	1 1 2		15	6				
DEPTH         Rosette Notes         Hydro Team-PMEL         GFF vol         10 Large vol         210 dup vol (large)         210 dup vol (large)         210 dup vol (large)         Comments or other samples           80+         1/47         1/39         1/79         29.0								1						
DESIRED   MATERI	Nisk #	DEPTH	Rosette Notes		dro Team-PM		GFF	>10 Large	ଦ୍ର	_	를 		Comments	
Bot       /47       139       177       290       2		DESIRED				xygen	2	9		100	90)		ou.i.pi	
40       190       290       290         30       141       290       290         20       142       290       290         10       143       290       290         20       144       290       290         20       144       290       290         4       290       290       290         4       290       290       290		40		147	139	179								
30		04			140		290		290					2
20   142   290   290   290		30			14)		290							з
10 0 143 290 290 144 290 290 290 290		20			142		790	290	)					4
1	St.	01			143		290	290						5
### ### ### ### ### ### ### ### #### ####	6	0			144		150							6
## ## ## ## ## ## ## ## ## ## ## ## ##	7						10.5							7
# I Tribe   188   290   290   1   1   1   1   1   1   1   1   1	8						3 4							8
		) ine		88/2			290							9
	10			3										10
	11													11
	12													12

							7 / W			
					8		4			
CTD consec	LATITUDE		LONGITUDE	GMT DATE	(note if not)	<b>GMT</b> Time	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
DEG		DEG	MIN	DAY	MO YR	HR MIN	-	(m)		
022 5	8	165	16.53	w 25 A	06 1 4	03 50			(V)	
ensor IDS	(initially & swap-outs)		Weather:	4+60	5	la			ΠΩ	CTD MAX. DEPTH
	>	,								
PRESS S/N	\ \ \	/	COMMENT: Dif	Difficult conditions,	ons, factors	that may af	that may affect measurements or aid processing	nts or aid pr	ocessing	
TEMP 1 &2 SNs		*								
COND 1&2 S/Ns	1									
OZ (SRF43) S/N			2							
Transmiss S/N	-									
PAR S/N	/									
OZ ODĽAZOM	1									
DEPTH	TH Rosette Notes	Ну	Hydro Team-PMEL		>10 Large	GFF dup vol	>10 dup		Comments or other	other Nisk
DESIRED	RED	SALT Btl	Nut.Btl Oxygen	VOI	⊩		vol (large)		samples	
1			145	290						1
2 40			146	290						2
<b>3</b> 30			ナカし	290				1		3
4 20			148	290	290					4
5 10			149	290	210			i e		5
6	7		150 19	0 290				7		6
7										7
8				300000000000000000000000000000000000000		Action of Constitution (Constitution Constitution Constit	0.0000000000000000000000000000000000000			8
9										9
10										10
11	0.00									
12										11

VESSEL Oscar Dyson 2014	CRUISE ID DY/4-08	PROJECT & LEG	( if needed)	CTD FileName (None if data is live feed)	data is live feed)
96		GMT (Soft if soft)	GMT	BOTTOM DEBTH	STATION STN.
DEG MIN	DEG MIN	_	Z Z		
7	N 165 5.	w 25 Au6 1 4	(HH)	43	42
S (ir	Weather:				CTD MAX, DEPTH  = <b>65</b>
	,				
PRESS S/N	COMMENT: D	Difficult conditions, factors t	s that may affect me	hat may affect measurements or aid processing	rocessing
TEMP 1 &2 SNs	1				
COND 182 SINS					
FLUORSIN					
Transmiss S/N					
PAR S/N					
O2 SBE42S/N					
DEPTH Rosette Notes	otes Hydro Team-PMEL	GFF >10 Large	CEE dup vol   >10 dup		Comments or other Nisk
DESIRED	SALT Btl Nut.Btl Oxygen	<b>vol</b> Vol	voi (large)		samples #
1 BTM	Z A 151	2			
2	152	290			2
3 40	153	290			3
4 30	h51	290			4
5 20	155	290 290			5
6	15%	290 290	240		6
7	42 843	290			7
8					00
9					9
10					10
					11
12					12

VESSEL Oscar Dyson 2014	n 2014		CRUISE ID	7	8041	B P	PROJECT &   BASIS leg	EG ( if needed)		CTD FileNa	CTD FileName (None if data is live feed)	ata is live fee	d)
}				K		11.		P T			MOTTOM	CTATION	o NTN
CTD consec CAST#	 5	LATITUDE		LONGITUDE		DATE	(note if not)	GMT Time	Surfa	Surface Temp	DEPTH	NUMBER	NAME/ID
	DEG	MZ.	DEG	MIN		DAY	MO YR	HR	MIN	(°C)	(m)		
624	35	59 S9 N	165	59.16	8	25 A	0 5 1	4 /9 2	6		S	43	
Sensor IDS (	initially 8	(initially & swap-outs)		Weather:	5005	dr	· S	1 h y					CTD MAX. DEPTH $= 67$
								1			2		
PRESS S/N	h	1		COMMEN	T: Difficu	It condit	<b>COMMENT: Difficult conditions, factors</b>		affect me	asureme	that may affect measurements or aid processing	ocessing	
TEMP 1 &2 SNs		シエーを											
COND 1&2 S/Ns	1/												
FLUOR S/N	ĺ												
Commiss S/N	Î												
PAR S/N													
O2 SBE42S/N						*							
	DEPTH	Rosette Notes	Нус	Hydro Team-PMEL	EL	GFF	>10 Large		>10 dup			Comments or other	- 11
Nisk #	DESIRED		SALT Btl	Nut.Btl C	Oxygen	VO!	Vol	GFF dap voi	~			samples	*
1 Bo+	+			851									
2 50				159		290		290				The state of the s	2
3 40	0			091		790					•		ω
4 30	0			16/		290							4
5 2	20			162		296	290				•		O <sub>1</sub>
6	0			163		290	290						6
7	9			164	2/9	290							7
8						000000000000000000000000000000000000000							8
9													9
10 In	ine		189			290							10
11													11
12													12

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VESSEL Oscar Dyson 2014		CRUISE ID	CRUISE BY 14-08	ک	<b>B.</b>	PROJECT & LEG	LEG ( if needed)		CTD FileName (None if data is live feed)	lata is live fee	d)
CTD consec	LATITUDE		LONGITUDE	<u> </u>	GMT DATE	(note if not)	ot) GMT	Surface Temp	BOTTOM DEPTH	STATION	STN. NAME/ID
DEG	SIZ	DEG	MIN		DAY	MO Y		$\vdash$			
52 520	14.pc		59.88	W	26 A	461	4 003H		28	Ь Ь	
Sensor IDS (initially & swap-outs)			Weather:	しいいん							CTD MAX. DEPTH
SBE type and S/N											25
PRESS SIN	0 0 1	-1	COMMENT: Difficult conditions,	T: Difficul	It condit	ions, factors t	ors that may a	hat may affect measurements or aid processing	nents or aid p	ocessing	
TEMP 1 &2 SNs	STIME										
COND 1&2 S/Ns											
FLUOR S/N											
02 (SBE43) S/N											
Transmiss S/N			,							VQ	
PAR S/N											
DEPTH	Rosette Notes	Нус	Hydro Team-PMEL	EL	GFF	>10 Large	GFF dun vol	>10 dup		Comments or other	z
DESIRED		SALT Btl	Nut.Bti 0	Oxygen	VOI	Vol	•	vol (large)		samples	#
1 RTM		PHI	591	212							
2			106		290	K					2
<b>3</b> 40			to To		290	h					u
30			500		290	K					4
5 20			P.O.		290	290					5
6			170		290	290	1.				6
7 ()			7		290	Χ	X				7
8						Х				The state of the s	8
9											9
10											10
11											1

VESSEL Oscar I	VESSEL Oscar Dyson 2014		CRUISE IÇ	CRUISE ID Y 14 08		B P R	PROJECT & LEG	LEG ( if needed)	ed)	CTD FileNa	CTD FileName (None if data is live feed)	lata is live fee	) (bt
CTD consec	nsec				GMT	<b>†</b> 7			?	7	воттом	STATION	STN.
	DEG	ME CO	DEG	MIN	DAY	DAY	MO YR	五	MZ	(°C)	(m)		
02	96	00.34 N	591	19.65	W	6 A	0 6 1	4 1+ 4				X	
Sensor IDS		(initially & swap-outs)		Weather:	Part	لہ د	loud		ark.	-confd	seo sta	5	CTD MAX, DEPTH
SBE type and S/N						2		1					
PRESS S/N	1	>		COMMENT:	Difficult conditions,	conditi	ons, factors	<b>1</b>	affect mo	easureme	hat may affect measurements or aid processing	ocessing	
TEMP 1 &2 SNs	NS	4											
COND 1&2 S/Ns	/Ns												
FLUOR S/N		25/											
02 (SBE43) S/N	S/N												
Transmiss S/N													
O2 SBF42S/N													
													-
Ziin k	DEPTH	Rosette Notes	Ну	Hydro Team-PMEL			>10 Large	GFF dup vol	_			Comments or other	7
37.7	DESIRED		SALT Btl	Nut.Btl Oxygen	gen	vol	Vol	-	vol (large)	3)		samples	es #
<u> </u>	3-M			741				 					
2	100			173			-						2
ω	75			h41									u
4	50			175		290			×				4
51	04			176		290					•		Оī
6	30	0.000 to the territory of the territory		177		290							6
7	20			178		290	290						7
8	01			179-		290	290	200	290				8
9	O			180 2	24	790							9
10													10
1			-					,					11
12													12

VESSEL Oscar Dyson 2014	son 2014		CRUISE ID	0	8041 h	PR BA:	PROJECT & I	& LEG ( if needed)		CTD FileName (None if data is live feed)	f data is live feed	d)
						- 1						
CTD consec		LATITUDE	_	LONGITUDE	GMT DATE	큐크	(note if not)	GMT  Time	Surface Temp	BOTTOM Pmp DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	ME N	DEG	XIZ		H	MO Y		-			
120	22	30.05 N	166	1	9 W Z	6 4	0	4 23 32	10	122	<u>U</u>	
Sensor IDS	(initially	& swap-outs)		Weather:	Rain	7	wind.	<u></u>				CTD MAX. DEPTH
SBE type and S/N						1 22						
PRESS S/N	ĺĺ		)	COMMENT:		conditi	Difficult conditions, factors	<b>F</b>	affect measur	hat may affect measurements or aid processing	processing	
TEMP 1 &2 SNs		)	)/									
COND 1&2 S/Ns	1	\ \	1									
FLUOR S/N	1	1										
02 (SBE43) S/N	4	10										
I distins on	I			>	<u>.</u>	R	2					
02 SBE42S/N	1	1		100	0	-	ĺ					
				Ton DW	-						>	
Nisk #	DEPTH	Rosette Notes		177	P	<u> </u>	>10 Large	GFF dup vol	>10 dup		Samples	is #
	DESIRED		SALT Btf	Nut.Btl Ox	Oxygen		9		37, (11, 37)			
7	Bot			18	233							1
2	100											2
3	X											3
4	50				7	790					İ	4
5	ざ					290						5
ō	30					290						6
7	20					290	290					7
8	0			DODOTO CONTROL	- In the state of	290	290			100000000000000000000000000000000000000		8
9	0		150	189		250		290				9
10												10
11	wline		× 190		2	092						11
12												12

Transmiss S/N Nisk # 02 SBE42S/N PAR S/N SBE type and S/N CTD consec CAST# VESSEL
Oscar Dyson 2014 10 02 (SBE43) S/N FLUOR S/N COND 1&2 S/Ns TEMP 1 &2 SNs PRESS S/N 12  $\vec{z}$ 9 ∞ 7 6 5 ယ N Sensor IDS (initially & swap-outs) 078 BTM 5 とな 0 DESIRED DEPTH DEG S G LATITUDE Rosette Notes 80.00 ΜZ z CRUISE ID 7 1468 SALT Btl 200 DEG Hydro Team-PMEL LONGITUDE Nut.Btl COMMENT: Difficult conditions, factors that may affect measurements or aid processing Weather: 50 198 197 0 Problem 2 0 5 2 7 <u>≤</u> Oxygen 0 243 ≶ GMT DATE DAY 290 290 250 290 호 닦 290 290 7 300 PROJECT & LEG ( if needed)

BASIS leg >10 Large Vol C S (note if not) 290 9 150 줐 4 GFF dup vol GMT Time 0 풌 09 f Z Z >10 dup vol (large) Surface Temp BCh CTD FileName (None if data is live feed) BOTTOM DEPTH STATION NUMBER Comments or other ONS pooling CTD MAX. DEPTH STN. NAME/ID # Nisk  $\stackrel{ extstyle}{=}$ 10 9 ω 6 S ယ

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VESSEL Oscar Dyson 2014		CRUISE ID TY	80414	PROJECT & LEG	G ( if needed)	CTD FileNa	CTD FileName (None if data is live feed)	ata is live feed	
CTD consec		A	GMT		GMT		воттом	STATION	STN.
CAST#	LATITUDE	LONGIT	-	ote if r	-	Surface Temp	=	NUMBER	NAME/ID
DEG	SZ	DEG MIN	N DAY	MO YR	HR MIN	(°C)	(m)		
029 55	00. SZN	166 291	69 W 27	AU 6 1.	4 50		127	4	
Sensor IDS (initially	(initially & swap-outs)	Weather:		Rainy	77			= C1	CTD MAX. DEPTH =
			,	-					154
PRESS S/N		COMMENT	NT: Difficult conditions,	ditions, factors	l ⇔ l	hat may affect measurements or aid processing	nts or aid pro	ocessing	
TEMP 1 &2 SNs				l se					
COND 1&2 S/Ns	12	5 Mg	giveening -	wirele	Working	S C 1	red and	the way	1
FLUOR S/N		0.0	シューもな	Vot to	0 22	a wench		0	1
Transmiss S/N	1								
PAR S/N	/								
O2 SBE42S/N									
DEPTH	Rosette Notes	Hydro Team-PMEL	PMEL GFF	>10 Large	GEE dum vol >	>10 dup		Comments or other	other Nisk
DESIRED	L S	SALT Bti Nut.Bti	Oxygen vol			vol (large)		samples	
1 BIM		151 [59	761						1
2 100		200							2
3 75		201							3
4 50	1	202	290						4
5		207	290				•		5
6 30		204	290	0	Mary September 1997 to 200 to 100 to				6
7 20		205	270	7290				-	7
8		706	290	0 290	• 3	290			8
9		707	290	0					9
10			12		4				10
1									11
3									<u>.</u>

VESSEL Oscar Dyson 2014	=	CRUISE ID	20-11 KC		PROJECT &	LEG ( if needed)		CTD FileName (None if data is live feed)	data is live feec	3)
CTD consec				GMT		GMT		воттом	STATION	STN.
	LATITUDE	_	LONGITUDE	DATE	(note if not)	Time	Surface Temp	DEPTH	NUMBER	NAME/ID
DEG	MIN	DEG	MIN	DAY	MO	YR HR MIN	N (°C)	(m)		
55 050	20.97 N	166	59.25 W	V EZ	ر د	4 2032		187	28	
Sensor IDS (initially	(initially & swap-outs)		Weather: Rai	I Chi	Grey	· W;	NP			CTD MAX. DEPTH = 132
				2. 3			1			
PRESS S/N	つって	Marie .	COMMENT: Diffi	Difficult conditions,	tions, factors	ors that may a	that may affect measurements or aid	ments or aid p	processing	
TEMP 1 &2 SNs	X	(	(Sa)	intersti	74 02	, FI, Jurbid	3	pufiles		
COND 182 S/Ns			,		C	23	_			
O2 (SRE43) S/N	/		X 01.1	20	to	2 . +	o d	Č	muntard C	5
Transmiss S/N			700	,			4			
PAR S/N	/									
02 SBE42S/N			Chlos	110/0	8					
DEPTH	Rosette Notes	Нус	Hydro Team-PMEL	GFF	>10 Large	GFF dun vol	>10 dup		Comments or other	r other Nisk
DESIRED		SALT Btl	Nut.Btl Oxygen	vol	Vol		vol (large)		samples	
1 8714			708							
2   00			209							2
3 75			210							3
4 50			211	290		290		ж		4
5 40	G		217	290						б
6			213	290						6
7 20			214	290	290					7
8			215	240	290					8
9			214 7264	290						9
10									G	10
11 In 1:00		465		290						11
12										12