VESSI Osca	L r Dyso	n 2014		CRUISE I	A14-08)			PROJECT BASIS leg		3 (if neede	d)	CTD FileN	ame (None if d	lata is live feed	d)	
	consec ST#		ATITUDE		ONGITUI		GMT DATE	(note		GMT Time	-	rface Temp		STATION NUMBER	STN. NAME/	
_		DEG	MIN	DEG	M	IN	DAY	MO	YR	HR N	1IN	(°C)	(m)			
5	17	58	59, 98 N	168	58,	51 N	109	Se P	1 4	05 1	3		52	96		
Sens	or IDS (initially 8	& swap-outs)	*	Weathe	r:	134				***			=	CTD MAX, DE	EPTH
SBE type a															45	
PRESS S/	N	-			СОММ	ENT: Diffi	cult con	ditions, fa	actors	that may	affect i	neasureme	ents or aid pr	ocessing		
TEMP 1 &	2 SNs	-			1))			SUFFAC		buttle						
COND 1&2	2 S/Ns	-														
FLUOR S/	N															
O2 (SBE43	3) S/N															
Transmiss	S/N															
PAR S/N																
O2 SBE42	S/N															_
_			<u> </u>	· · ·			1				<u> </u>					_
Nisk #			Rosette Notes		dro Team-		GFF vol	>10 Lar	ge G	FF dup vol	>10 d vol (lar	• 1		Comments or samples		Nisk #
\vdash		SIRED		SALT Btl	Nut.Btl	Oxygen	<u> </u>	-	-		101 (121	9-/				_
1	Btr	ካ					095							45		1
2	40						290									2
3	30															3
4	20						1	200								4
5	10		= 1/2== -1,				290	290			290					5
6	-6													no surfa	ce	6
7																7
8																8
9																9
10	Data a															10
11																11
12																12

VESSE Osca i	L r Dyson	2014		CRUISE	ID			PROJECT BASIS leg		G (if neede	d)	CTD FileN	ame (None if c	lata is live fee	ed)	
	consec ST#	L	ATITUDE		LONGITUI	DE	GMT DATE	mote	if not)	GMT Time	Sui	face Temp	BOTTOM DEPTH	STATION NUMBER	STN NAME	
	DE	EG	MIN	DEG	М	IN	DAY	МО	YR	HR M	1IN	(°C)	(m)	97		
05.	2 5	8	30.33	169	59. 3	:4 W	09	sep	1 4	150	0		71			
Senso	or IDS (in	itially 8	& swap-outs)		Weathe	r:									CTD MAX, [DEPTH
SBE type a	nd S/N														66	
PRESS S/N	I				COMME	ENT: Diffi	cult con	ditions, f	actors	that may	affect n	neasuremo	ents or aid p	rocessing		
TEMP 1 &2	SNs								\							
COND 1&2	S/Ns					10										
FLUOR S/N	l															
O2 (SBE43	S/N									1						
Transmiss	S/N				_					-						
PAR S/N		-			-					1						_
O2 SBE42S	5/N	_			-					7		_				
	DEF	PTH	Rosette Notes	Н	ydro Team-	PMEL	GFF	>10 Lar	ge .		>10 du	ID I		Comments	or other	Nisk
Nisk#	DES	IRED		SALT Btl	Nut.Btl	Oxygen	vol	Vol	ء ا	GFF dup vol	vol (lar			sample		#
1	Btm			163	379	ere vo-summaranara		5.	Ta of the other bases							1
2	50				380		290									2
3	40				381											3
4	30				382											4
5	20				383			790	7							5
6	ر _ا				384			290								6
7	0				385	741	290									7
8			: 17													8
9]	9
10																10

VESSEL Oscar Dyso	n 201	4	CR	RUISE ID				PROJECT		G (if need	ded)	CTD	FileNa	me (None if d	ata is live fee	ed)
CTD consec CAST #		LATITUDE		L	ONGITUDE		GMT DATE	(note	if not)	GMT Time		Surface T	emp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	DEG	MIN		DEG	MIN		DAY	МО	YR	- HR	MIN	(°C)		(m)		
53	58	59.97	N):	70	00,29	w	09	SEP	1 4	21	09			66		98
Sensor IDS	initially	/ & swap-outs			Weather:											CTD MAX. DEPTH =
SBE type and S/N															61	
PRESS S/N				COMMENT: Di	iffic	ult con	ditions, fa	ctors	that ma	y affe	ct measu	remer	nts or aid pr	ocessing		
TEMP 1 &2 SNs																
COND 1&2 S/Ns	-															
FLUOR S/N																
02 (SBE43) S/N																
Transmiss S/N																
PAR S/N																
02 SBE42S/N																
					n_											
Niek #	DEPTH	Rosette Notes		Нус	iro Team-PMEL		GFF	>10 Lar	ge a	FF elses	. >1	I0 dup			Comments of	or other Nisk

Nisk#	DEPTH	Rosette Notes	Hy	Nut.Btl Oxygen Vi		GFF	>10 Large	GFF dup vol	>10 dup vol (large)		Comments or other	Nisk
IVISK #	DESIRED		SALT Btl	Nut.Btl	Oxygen	vol	Vol	GFF dup voi	vol (large)		 samples	#
1	Btm			386	763							1
2	50			387		290		Z90				2
3	MO			885								3
4	30	•		3 89								4
5	9,0			390			290					5
6	10			391		4	290					6
7	Ø			392		290						7
8										1		8
9												9
10	Inline					290						10
11												11
12												12

VESSI Osca	EL r Dyson <i>i</i>	2014		CRUISE I	D 1408			PROJECT BASIS leg_	& LEC	G (if neede	ed)	CTD File	lame (None if c	lata is live fee	ed)	
	consec ST#		TITUDE		LONGITUI		GMT DATE	(note i		GMT Time	_	Surface Temp	1	STATION NUMBER	STI NAME	
01	DE:		MIN	DEG	57.5	IN GO	DAY	МО	YR		MIN	(°C)	(m)	1000)	-	
- 0;	54 59	/	30.14	169	77.	w w	10	Sep	1 4	06 7	7		62	100	CTD MAX.	DEDTU
Sens	or IDS (init	tially &	swap-outs)		Weathe	r:									= 5 7	
SBE type																
PRESS S/ TEMP 1 &		-			ПСОМИІ	ENT: Diffi	cult con	ditions, fa	ctors	that may	affec	t measurem	ents or aid p	rocessing		
COND 1&					1											
FLUOR S/		-														
02 (SBE4	3) S/N															
Transmiss	S/N				1											
PAR S/N	C/N				-											
O2 SBE42	5/N															
	DEP.	тн г	Rosette Notes	Hy	/dro Team-	-PMEL	GFF	>10 Larg	ne L		>10	dup		Comments	or other	Nisk
Nisk #	DESI	RED		SALT Btl	Nut.Btl	Oxygen	vol	Vol	['] G	FF dup vol	vol (l			sampl		#
1	Rtn				783											1
2	50				394		290									2
3	40	AGENERAL SECTION			395			201000-4 \$1000 Version (8.11%)								3
4	30				396											4
5	20				397			790								5
6	10,	1720174361			318			790			290	7				6
7	Ø			164	399	265	20,0									7
8			-													8
9						SOUT SCHOOLS								1		9
10	Blank						290									10
11																11
12							1				1					12

VESSE Osca	L r Dysor	n 2014		CRUISE	ID			PROJECT BASIS leg_	& LE	G(if neede	d)	CTD FileN	ame (None if o	data is live feed)
	consec ST#	L/	ATITUDE		LONGITU	DE	GMT DATE	(note i	if not)	GMT Time	S	urface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
	l	DEG	MIN	DEG	N	1IN	DAY	МО	YR	HR N	/IN	(°C)	(m)		
05	5	59	30,26	171	00.	10 V	v 10	SeP	1 4	14 56			73	102	
Sens	or IDS (i	nitially 8	& swap-outs)		Weath	er:				·				CT =	TD MAX. DEPTH
SBE type a	and S/N														68
PRESS S/I	N				СОММ	ENT: Diff	icult cor	nditions, fa	ctors	that may	affect	measurem	ents or aid p	rocessing	
TEMP 1 &2	2 SNs														
COND 1&2		-					3								
FLUOR S/I		-			_										
O2 (SBE43					_										
Transmiss	S/N	:			_										
PAR S/N O2 SBE42	0/11				-										
UZ SBE4Z	5/IN				-										
Nisk#	DI	EPTH	Rosette Notes	Н	lydro Team	-PMEL	GFI	- >10 Larg	ge ,	FF dup vol	>10 c	lup		Comments or	other Nisk
INISK #	DE	SIRED		SALT Btl	Nut.Btl	Oxygen	vol			err aup voi	vol (la	rge)		samples	
1	But				400	277									1
2	20				40)		290								2
3	40				402			-1-1							3
4	30				403										4
5	26				404			790							5
6	10				405		V	280					•••		6
7	W				406		790								7
8							-								8
9		CADE TABLE													9
10	**********														10
11															11
12															12

vessel Oscar	Dyson	2014		CRUISE	ID			PROJEC BASIS leg		G (if need	led)	CTD FileN	lame (None if o	data is live fee	d)	
CTD co		L	ATITUDE		LONGITU	DE	GMT DATE	(note	if not)	GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STI NAME	
	D	EG	MIN	DEG	M	IN	DAY	МО	YR	HR	MIN	(°C)	(m)			
95	7	58	30.12	1170	59.1	18 n	, 11	Sep	1 4	4 00 4	15		83	104		
Senso	r IDS (in	itially &	& swap-outs)		Weathe	er:				.,,				(CTD MAX. =	
SBE type and	d S/N														80	
PRESS S/N					Псоми	ENT: Diffi	cult con	ditions, 1	actors	s that ma	y affec	ct measureme	ents or aid p	rocessing		
TEMP 1 &2 9	SNs				↓											
COND 1&2 S	S/Ns		- VIL		-											
FLUOR S/N		_	carrie				· ·									
O2 (SBE43)		_			-											
Transmiss S/	'N				-											
PAR S/N 02 SBE42S/I	N	_			1		+									
02 ODL+20/I):		; —									_
Nisk#	DEI	РТН	Rosette Notes	Hy	/dro Team	PMEL	GFF		rge (GFF dup vo		0 dup		Comments o	r other	Nisk
Wisit #		IRED		SALT Btl	Nut.Btl	Oxygen	vol	Vol			" vol (large)		sample	s	#
1	Btm		160	105	414	280										1
2	20				415	\	790									2
3	γU				416											3
4	30				417											4
5	70				418			29	0							5
6	10				419		V	290	7		280					6
7	Ø				420		290								10000000	7
8																8
9																9
10																10
11	F.															11
12																12

VESSEI Oscar		2014		CRUISE I	D D			PROJEC BASIS leg	T & LEG	G (if neede	ed)	CTD FileN	ame (None if c	lata is live fee	ed)	
CTD co	Т#		ATITUDE		_ONGITUE		GMT DATE	T	if not)	GMT Time	-	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/	
		DEG	MIN	DEG	MI		DAY	МО	YR	 	MIN	(°C)	(m)			_
05!	8	58	36,30	172	ØØ.	15 W	11	5 e 12	1 4	14 5	5		99	108		- 1
Senso	r IDS (ii	nitially &	& swap-outs)	70	Weathe	r:			***						CTD MAX. DE	PTH
SBE type and															T	
PRESS S/N					СОММЕ	NT: Diffic	cult con	ditions, f	actors	that may	affec	t measureme	ents or aid p	rocessing		
TEMP 1 &2 9	SNs				Ĭ					_						
COND 1&2 S	S/Ns															
FLUOR S/N																
O2 (SBE43)	S/N															
Transmiss S/	/N															
PAR S/N																
02 SBE42S/I	N															
			ı				·				_					괵
Nisk#		PTH	Rosette Notes		dro Team-		GFF vol	>10 La Vol	^{rge} G	FF dup vol		dup arge)		Comments of		lisk #
		SIRED		SALT Btl	Nut.Btl	Oxygen	VOI	VOI			1) 100	arge)		sample	s	#
1	Btm				421											1_
2	75				422											2_
3	50				427		790									3
4	40				424											4
5	30				425											5
6	20				426			790					***			6
7	10				427		V	790	,							7
8	Ø			166	428	281	290						*************			8
9																9
10								 								0
11																1
12																2

VESSE Osca	r Dysor	n 2014		CRUISE	ID 11408	}			PROJECT	「&LEC	G (if need	∍d)	CTD FileN	ame (None if c	lata is live fee	d)
	consec ST#		ATITUDE		LONGITU		-	ATE	(note	if not)	GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
		DEG	MIN	DEG		ΛIN		DAY	МО	YR	HR	MIN	(°C)	(m)		
05	59	58	00.04	171	59.	65	w 1	1	SCP	1 4	20 5	8		103	109	
Sens	or IDS (i	nitially 8	k swap-outs)		Weath	er:										CTD MAX. DEPTH =
SBE type a																99
PRESS S/I	N				СОММ	ENT: Diff	ficult	cond	ditions, fa	actors	that may	affe	t measurem	ents or aid pi	rocessing	
TEMP 1 &2	2 SNs															
COND 182	2 S/Ns	0			1											
FLUOR S/I	N															
O2 (SBE43	3) S/N															
Transmiss	S/N															
PAR S/N																
02 SBE42	S/N															
Nisk#	DE	EPTH	Rosette Notes	H	ydro Team	-PMEL		GFF	>10 Lar	ge G	FF dup vo		0 dup		Comments o	
	DE	SIRED		SALT Btl	Nut.Btl	Oxygen		vol	Vol		Tr dup to	vol (large)		sample	s #
1	13+m				429	782										1
2	75															2
3	50						7	90			790					3
4	40		a to a secretary control of control	Comment West IV	N SERVICES											4
5	30															5
6	70		HO 555 64 PH 14 COUNTY 14 ST 19 S 20 S 20 S PART 20 COUNTY	a the procedent to the earth.					798	>						6
7	10							\bigvee	595)						7
8	Ø				436		7	190								8
9											************					9
10	Fulir	le					5	90	ross (3545646)							10
11																11
12		A STATE OF THE STA				VI CONTRACTOR OF THE PARTY OF T							DESCRIPTION OF THE PROPERTY OF			12

VESSE Osca		n 2014		CRUISE I	D			PROJECT & BASIS leg	LEG (if	needed	d)	CTD FileN	ame (None if o	data is live fee	:d)	
	consec ST#	L	ATITUDE	L	ONGITUD	ÞΕ	GMT DATE	(note if n	GM ot) Tim		Sı	urface Temp	BOTTOM DEPTH	STATION NUMBER	STN NAME	
		DEG	MIN	DEG	MII	N	DAY	MO \	/R H	₹ М	IN	(°C)	(m)			
06	0	58	00.27 N	171	01.2	· I w	12	SeP1	4 0	420	0		88	Hb		
Sens	or IDS (initially a	& swap-outs)		Weather	r:									CTD MAX. [DEPTH
SBE type a	and S/N														87	
PRESS S/I	N				СОММЕ	NT: Diffic	cult cond	litions, fact	ors tha	may	affect	measureme	ents or aid p	rocessing		
TEMP 1 &2	2 SNs															
COND 1&2	S/Ns															
FLUOR S/I	4															
02 (SBE43) S/N															
Transmiss	S/N															
PAR S/N																
02 SBE42	S/N															
i				r			·							·		
Nisk#		EPTH	Rosette Notes		dro Team-F	-	GFF	>10 Large Vol	GFF d	up vol	>10 d			Comments of		Nisk
	DE	SIRED		SALT Btl	Nut.Btl	Oxygen	vol	VOI			vol (la	rge)		sample	;s	#
1	BUT			001	437											1_
2	75		=		438	C										2
3	50				439		790									3
4	40				440											4
5	30				441											5
6	20				442			790								6
7	lo				443		1	798	79)						7
8	Ø				444	283	290									8
9			Encodes Assilinas editors													9
10	Rlun	k					220									10
11											63					11
12		er ett filktebet til etter i e	encentrocomunitation to the	21) \$100000 13 FF 100000 FO CA												12