VESSE North	L west E	xplorer		JISE ID				PROJECT & SECM/GOAA	LEG (	( if neede	d)	CTD FileName (None if data is live feed)					
CTD-c CAS	consec ST#	L,	ATITUDE		LON	GITUDE		j			GMT Time	Su	face Temp	BOTTOM DEPTH	STATION NUMBER N	STN. AME/ID	
	C	DEG	MIN	С	EG	MIN		DAY	МО	YR	HR M	1IN	(°C)	(m)			
03	32	<i>5</i> 8	16.37	N	35 8	23,79	w	29	JUL 1	4	1512	2	12.8	222	700	SD_	
Senso	or iDS (i	nitially &	& swap-outs)	V-1											CTD =	AAX. DEPTH	
SBE type an PRESS S/N TEMP 1 &2				2		eather: OMMENT: [	Diffic	cult con	ditions, fac	tors ti	hat may	affect r	neasureme	ents or aid p	rocessing		
COND 182		-			10-01												
O2 (SBE43) Transmiss S PAR S/N O2 SBE42S	S/N S/N																
Nisk#			Rosette Notes			Team-PMEL		GFF vol	>10 Large Vol	GFF	F dup vol	>10 du vol (larg			Comments or ot samples	ner Nisk #	
	DE	SIRED		SALT	Bti Nut.	8ti						72 1 2 3			1000		
1						2109034		H					<b>I</b>				
2																1	
ii II																2	
3														.,		2	
3																3 4	
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4																3 4	
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4 5 6 7																2 3 4 5 6 7	
4 5 6 7 8																2 3 4 5 6 7 8	
4 5 6 7 8 9																2 3 4 5 6 7 8 9	

VESSE! North	L west Explo	rer	CRUIS	E ID			PROJECT & SECM/GOAA I		ded)	CTD FileN	ame (None if	data is live feed	d) 
CTD-60		LATITUDE		LONGITUDE		GMT DATE	(note if n	GMT		Surface Temp	BOTTOM DEPTH	37 STATION NUMBER	STN. NAME/ID
	DEG	MIN	DEG	MIN	1	DAY	MO Y	'R HR	MIN	(°C)	(m)		
03	3 58	3 15.26	N 135	26.6	4 w	29	JUL 1	4 170	00	12.4	258	18053	156
Senso	r IDS (initia	lly & swap-outs	)										CTD MAX. DEPTH
SBE type an	d S/N		77.00	Weather:									
PRESS S/N		THEVESTORY		COMMEN	NT: Diffic	ult con	ditions, facto	ors that m	ay affec	t measureme	ents or aid p	rocessing	
TEMP 1 &2 S	SNs		- 27										
COND 182 9	S/Ns												
FLUOR S/N	fig.												
O2 (SBE43)	S/N	10 V											
Transmiss S	/N									*****			
PAR S/N				10									
O2 SBE42S/	N .		BUT						The REAL PROPERTY.				
	DEPTH	Rosette Notes		Hydro Team-Pi	MEL	GFF	>10 Large		>10	dup POC 500		Comments or	rother Nisk
Nisk #					E 200 201	vol		GFF dup					
	DESIRE	D	SALT Bil	Nut.Btl	P C 101-0	401	Vol	Gri dup	vol (	large) ml	1 4 4	sample	
1	DESIRE	D	SALT BU	Nut.Bti	88 14184	VOI	Vol	GIT dup	vol (	large) ml			
1 2	DESIRE		SALT Bil	Nut.Btl		VOI	Vol	Grr dup	vol (	large) ml			s #
	DESIRE		SALT Bil	Nut.Bti		VOI	Vol	- Grr dup	vol (	large) ml			s #
2	DESIRE	D	SALT BU	Nut.Bti		VOI	Vol		vol	large) ml			s #
2	DESIRE		SALT BU	Nut.Bu			Vol		vol	large) ml			1 2 3
3 4	DESIRE		SALT BU	Nut.Bu			Vol		vol	large) ml			s # 1 2 3 4
3 4 5	DESIRE		SALT BU	Nut.Bti			Vol		vol	large) ml			s #  1 2 3 4 5
2 3 4 5 6	DESIRE		SALT BU	Nut.Bu			Vol		vol	large) ml			1 2 3 4 5 6
2 3 4 5 6 7	DESIRE		SALT BU	Nut.Btl			Vol		vol	large) ml			\$ #  1 2 3 4 5 6 7
2 3 4 5 6 7 8	DESIRE		SALT BU	Nut.Btl			Vol		vol	large) ml			\$ #  1 2 3 4 5 6 7 8
2 3 4 5 6 7 8	DESIRE		SALT BU	Nut.Bu			Vol		vol	large) ml			\$ #  1 2 3 4 5 6 7 8 9

(																	_	
VESSE North	L west E	Expiore	r		CRUISE	ID				PROJECT SECM/GO/		G ( if neede	d)	CTD FileN	ame (None if	data is live fe	ed)	
Scar	onsec ST#	ı	ATITUDE						GMT DATE	(note	if not) YR	GMT Time		Surface Temp	BOTTOM STATIO NUMBE		STN NAME	
0.3	,	DEG 58	MIN	N	135	29.		w	20	JUL	1 4	10.0.		10.4	192	18054	158	)
-00	iensor IDS (initially & swap-outs)						<u> </u>	1 44	2-1		, ,						CTD MAX. D	EPTH
PRESS S/N TEMP 1 &2 COND 1&2 FLUOR S/N O2 (SBE43) Transmiss S PAR S/N O2 SBE42S	I SNS SINS I ) SIN SIN					Weath		Diffic	cult cond	itions, fa	actors	that may	affec	t measureme	ents or aid p	rocessing		
Nisk#	No.	DEPTH	Rosette Notes			lydro Team	-PMEL		GFF vol	>10 Lar	ge G	SFF dup vol		dup POC 500		Comments		Nisk #
1	Di	ESIRED			SALT Btl	Nut.Btl												1
2																		2
3													ļ		•••			3
4						<u> </u>	-			<del>  -</del>					<u> </u>			4
5															**1			6
6			COST AND				<del>-</del>											7
7																		8
9						<del>                                     </del>									<u> </u>			9
10																		10
11																		11
12																		12_

VESSE North	L west E	Explore	r		CRUISE	ID			PROJE SECM/C			( if neede	ed)	c	CTD FileName (None if data is live feed)					
Sea	Cout		_ATITUDE			LONGITU	DE	GM <sup>-</sup>		te if not		GMT Time		Surface Temp		BOTTOM DEPTH	STATION NUMBER	ST NAM		
		DEG	MIN		DEG	М	IIN	DAY MO YR HR M		NIN	(°C) (m)			ļ	A					
03	5	58	13.16	N	135	31.1	67	N 29	7 Ju	- 1	4	730	2	10	. ]	92	18056	15/		
Senso	or IDS	(initially	& swap-outs												<u></u>		CTD MAX.	DEPTH		
SBE type as					Y W. W.	Weathe														
PRESS S/N						СОММ	ENT: Diff	icult c	onditions	facto	rs t	hat may	affec	t mea	sureme	nts or aid p	rocessing			
TEMP 1 82	SNs			d		<u> </u>														
COND 182			E VW E TIE																	
FLUOR S/N		_																		
O2 (SBE43)					2 11	1														
Transmiss ! PAR S/N	S/N	-		÷																
02 SBE42S	S/N				X 5 5 -							1180								
		Augilio to		115							2500		E540	agrouth s		101-11-10		okari (18		
Nisk#	Ev	DEPTH	Rosette Notes		1.1	ydro Team	-PMEL		FF >10	_arge	GF	F dup vol		dup large)	POC 500 ml		Comments sample		Nisk #	
	D	ESIRED		W	SALT Bti	Nut.Btl		E 850	JU.	ite e				3-/			The state of the s			
1				4									<u> </u>				_		1	
2		_																	2	
3								_					<u></u>		****************		.,		3	
4													1						4	
			HO MESONE	3															5	
5			-										†			**			6	
6								-			_	<del></del>	1			<del> </del>			7	
7													+							
8				_ 8				-			-					<del>                                     </del>	-		8	
9													<b></b>			-			9	
10			G. M. WELL	Ξ¥				_					<del> </del>						10	
11													ļ <u>.</u>						11	
			T																12	

VESSE <b>North</b>	L west Ex	plorer			CRUISE	ID				PROJEC SECM/GO		G ( if need	ed)	C	TD FileN	ame (None if	data is live fee	:d)
Sea GTD-6	onses	· · ·	ATITUDE		LONGITUDE			GMT DATE	(note if not)		GMT Time		Surface Temp		BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID	
	D	EG	MIN		DEG	М	IN		DAY	МО	YR	HR	MIN	(	°C)	(m)		
040	1040+	, 58	15,03	N	135	26.		w	30	Jul	1 4	235	3	13	1.2	263	18062	CTD MAX. DEPTH
Senso	or IDS (in	nitially 8	k swap-outs)	)										<u> </u>	·			=
SBE type ar		c" = 1				Weathe												
PRESS S/N	k.		- 3 OF 1 OF 1/4			СОМИ	ENT:	Diffic	cult con	ditions, f	actors	that ma	y affe	ect me	asureme	ents or aid p	rocessing	
TEMP 1 &2						0	. 7	6			0 -		2 4	- 1	1	DATIAL		
COND 182		-	944			- CUI		) (LI	OY	Chom	nca	St.	e01	acti	$\alpha I = \omega_{\rho}$	0 6406	)	
FLUOR S/N O2 (SBE43)		<u> </u>	MUTTER OF	-							-							
Transmiss S			Kaller Maria		1 - 22													
PAR S/N		1			'W XII													
O2 SBE42S	VN .			ı										<u> </u>				
	DE	РТН	Rosette Notes		н	ydro Team	PME	6	GFF	>10 La	rge ,	SFF dup vo	>	10 dup	POC 500		Comments	ALL ROOM STORY AND ADDRESS OF THE PARTY OF T
Nisk#	DES	SIRED		10	SALT Btl	Nut.Btl	2 10		vol	Vol		er aup vo	vol	(large)	mi		sample	es #
1		-		T d				-										1
2																		2
3			Paylor I															3_
4																•••		4
				()										-				5
5									-							•••		6
6							+		╁──									7
7	,,																	8
8				1			+											9
9																		10
10	<u></u>			1			+-		-		_		+-					11
11	1																12	
12								<u> </u>						<u> </u>				

VESSEL Northy	vest Ex	piorer		(	CRUISE	ID _					JECT MGOA		G ( if need	ed)	CTD FileN	CTD FileName (None if data is live feed)				
.CTD:cc		L	ATITUDE			LONGITUI	DE		GMT DATE	(	note ii	f not)	GMT Time		Surface Temp	BOTTOM DEPTH	STATION NUMBER	STI NAMI		
		EG	MIN	П	DEG		IN		DAY	М	0	YR	HR	MIN	(°C)	(m)				
04	1 8	58	16.32	N	135	24,1	0	w	31	7/6	UL	1 4	1 0109	5	129	217	18063	إ كا		
Senso SBE type and PRESS S/N TEMP 1 &2 S COND 1&2 S FLUOR S/N O2 (SBE43) Transmiss S	d S/N GNs G/Ns	itially &	& swap-outs)			Weathe COMME		ffic	ult con	dition	ns, fa	ctors	s that ma	y affe	ct measurem	ents or aid p	rocessing	CTD MAX.	DEPTH	
PAR S/N O2 SBE42S/	N								1,-1,-0											
Nisk#	DE	PTH	Rosette Notes		Н	ydro Team	PMEL		GFF		0 Larg	е	GFF dup vo		0 dup POC 500 (large) ml		Comments of sample		Nisk #	
	DES	IRED		5	SALT Bu	Nut.Btl			vol	Į V	)1			VOI	large) IIII		Sample		<u>"</u>	
1														<b>-</b>					1	
2																			2	
3															.=4444	••••	.05000000000000000000000000000000000000		3	
4												$\perp$							4	
5																****			5	
6																			6	
7				4															7	
8																			8	
9		<u> </u>				<del>                                     </del>													9_	
10	<b>+</b>																		10	
11					_					$\neg \uparrow$		$\neg$						1	11	
12										1									12	

		5000	its o	mlu			<u> </u>							
VESSEL Northwes	st Explore		CRUISE	A			PROJEC SECM/GO		G ( if neede	ame (None if	data is live fe	ed)		
CTD conse		LATITUDE		LONGITUE		GMT DATE	<del> </del>	if not)	GMT Time	,	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID
5/	DEG	MIN	DEG	М	IN .	DAY	MO	YR	HR	MIN	(°C)	(m)	-	
X			N		w			1 4					1	
Sensor ID	S (Initially	& swap-outs)								1				CTD MAX. DEPTH
SBE type and S/N				Weathe	r:									
PRESS S/N				COMME	NT: Diffic	cult con	ditions, f	actors	that may	affec	t measureme	nts or aid p	rocessing	
TEMP 1 &2 SNs COND 1&2 S/Ns FLUOR S/N	=			046	5B (	04.59	135	00.00	8 61/1	7219.	14 @ 152	21 180	)71 UCI	7
O2 (SBE43) S/N Transmiss S/N				047					0		1752 187			
PAR S/N				048	58 0810	) /3	35 03,	84	01-Aug-14	@ 2	2143 18	074 40	<u>C</u>	
O2 SBE42S/N				049	58 09.	75 13	35 02	51 (	31. Aug. 1	J R	1220	8075 U	CD	
N:-1. #	DEPTH	Rosette Notes	Н	ydro Team-		GFF	>10 La	8		>40	dup POC 500	0075 0	Comments	or other Nisk
Nisk#	DESIRED		SALT Bil	Nut.Btl		vol	Vol	٥	FF dup vol		arge) mi		sample	and the first of t
1														1
2										1		1		2
3					İ									3
4										<b>†</b>				4
5														5
6										†				6
7										1				7
8		-								<b></b> -				8
9										+			.	9
10					+		-	+		1				10
12			<b>-</b>					<del> </del>				11		
14					II .				1		4	l .	12	