VES	SEL			C	Ruise ID			,,,,,,	PROJECT	& LEG			СТ	D Fil	eName:				S	TATION N			
osc	AR DYSO	N			Y2410		<u> </u>		EcoFOCI F	all Mod	oring									51	H :	<u></u>	
C.A	SBE 9+ PRESS S PRI TEMI SEC TEM	DEG	TITUDE MIN 7.8	- G Z	FLUOR SA SBE43-O: Transmis:	xy (prime) xy (sec) someter			<del></del>	YR 2 4	HR C	E (GMT) MIN HER OBS			RH (%) Mooil:	Pressure (mb)  SFC/Bo	WIND DIRN. (deg) ttom Temp.	WIND SPD. (kts)		M	75 1AX. DE	STA. NAME	
	PRI CON SEC CON				PAR S/N O2 Tmp :	— Senson No_									مري کرد		tu ed.	MA	KK E		<u> </u>	K-ifa-	
	DEGET 1	1 VD-sate A		T Consider to					Chloro					·······						Reco	order In		
Nis		_	Notes	Sample E Salt.Btl	Nut.Btl	O2.Btl	DIC / /	ALK.	GFF		10 mior	ron Vol			Flow Cyt			_			C	omments	Nis
No.		┪		Salt.Bu	INUCLDU	02.60	DIC 7 /	ALK	GFF		i O IIIICi	OII VOI			Flow Cyt	eDNA							No.
1	SUK																						1
2	500	<u> </u>								_				_				_					2
3				ļ																			3
4										_												···	4
5	<b></b>																						5
6	J										<b>.</b>												6
7			<u>CD</u>	LC		1_2		2					2e.,		0.2	224		7					7
8	SUM			<u> </u>																			8
9																							9
10																							10
11	V																						11
12-	4		12	Å					<u>C_4</u>			20	كسيات		و کے	en Lucia	The diameter		no.if			****	12
				Ī			1					,								-			
1		Inline	3						24 24 14 24 14 14 14 14 14 14 14 14 14 14 14 14 14													)	1

VESS	EL			CRUISE ID				PROJECT (	& LEG		CTD	FileName:				STATION NO.		
OSC/	AR DYSOI	N		DY2410				EcoFOCI F	all Moor	ing						53 H	1	
co	NSC ST #	LATITUDE		LC	NGITUDE					TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ DEPTH	STA. NAME	:/ID
		DEG MIN		DEG	MIN	,	DAY	MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	·	-
0	02	5308.	209	1685	54.9	7 8	04	SEP	2 4	1835						201	5 MC	> 1
	SBE 9+			FLUOR S/I		·				WEATHER OBS		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SFC/Bo	ttom Temp.		MAX. I	DEPTH = 191m	
	PRESS SI	N		SBE 43-0x	y (prime)					REMARKS:							******************	·····
	PRI TEMP	SN		SBE43-Ox	y (sec)						<u> 54m</u> 2	unix ta	35 Mos	31X		IT <u>L</u>		
	SEC TEM				ometer			<del></del>		***************************************	<i></i>	io Bo	1776	************				
	PRI CONI	-		PAR S/N	_						***************************************	•••••		***************************************			***************************************	
H	SEC CON	D SN		O2 Tmp S	Senson No					***********			***************************************			***************************************		
									3		·····	*****************	***************************************		,			***********
																Recorder	· Initials:	
Nis	DEPTH	Rosette Notes	Sample	Bottle Numb	er	· · · · · · · · · · · · · · · · · · ·		Chloro	)								Comments	Nis
No.	DESIRE	D	Salt.Bt	Nut.Btl	O2.Btl	DIC / A	ALK	GFF	>1	0 micron Vol		Flow Cyt	eDNA				· · · · · · · · · · · · · · · · · · ·	No.
1										·								1
2																		2
3																		3
4																		4
5																		5
6										= B===								6
7																		7
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10					<del> </del>													10
11																		11
12																		12
														ļ <u>.</u>				
		Inline															<u>)                                    </u>	

VESSE	īL .		<u> </u>	CRUIS	SE ID	***************************************		PROJECT	& LEG			CTD Fi	leName:				STATION NO.	11	
OSCA	R DYSON			DY2	2410			EcoFOCI	Fall Mod	oring			<u> </u>			<del>                                     </del>	70	1 1	
	T#	53 3 0 SN SN	TUDE MIN Le 8	N P S	FLUOR S/N SBE43-Oxy Fransmisson PAR S/N	GITUDE  MIN  (prime)  (sec)  neter  mson No		SEF	YR 2 4	REMARKS:  D'  365 M	668 (688 ) W	CTD INCU PRES - Tu	FOR NOISE ENT OFF	Pressure (mb)  SFC/Boi  SACEDS Valve Be	5 745	M/m	MAX	STA. NAM  DEET  DEPTH = 150	Pa
																	Records	r Initials:	
Nis	DEPTH				tle Number		DIC (ALK	Chlor GFF		10 micron Vol	Т-		Flow Cyt	eDNA				Comments	Nis No.
No.	DESIRE		<del></del>			<u> </u>	DIC / ALK	UFF.		TO TIBETOIT VOI	<u> </u>	~~~	1 low Cyt	EDIAM		_		<u></u>	
1	1500			73	15,16, 17_	100													1
2	1500				18.19.														2
3	1000	<del> </del>			18,19, 20 21,22,23														3
4	500	<b>-</b>									+-								4
5	<u>25</u> e			<del>-</del>	24	 	<u> </u>												5
6	100				25														6
7	W										-								7_
8	50				26				100/00		-		2ml						8
9	25			<b></b>	27			ं दें					7 11		<b> </b>	<b></b>			9
10	10				28			2-					2 ~1						10
11	SUR				ટ્રવ			27	8				2 m		 				11
12	N	1		$\sim$	<u>\</u>		~		4		1		1						12
															<b> </b>				
		Inline																<u>)                                    </u>	ı
	<del></del>																	and the second	

VESS	ĒL.		CR	uise id			F	PROJECT &	L.EG		********	CTD Fil	leName:					STATION N		
OSCA	R DYSON		<u>ס</u>	<u>/2410</u>				EcoFOCI Fal	l Moorin	ng	<del></del>				T	1		55	<u> </u>	
	NSC ST #	LATITUDE DEG MIN		LON DEG	NGITUDE MIN		DAY	мо	YR	TIME (GI	MT) MIN	DRY BULB	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOT	TOM DEPTH	STA. N	IAME/ID
a)	क्रभः	· · · · · · · · · · · · · · · · · · ·	6 <sub>N</sub> 1		2 , 5	<i>3</i>		SEP			_	φ8.I	77	996	239	1		1 3 2	3 : :	2
1	SBE 9+		Y N Y	FLUOR S/N		· W		5;E}P}	<u> </u>	WEATHER			] : }*	• • •	ttom Temp.	' { '		<del>'''</del>		m 705
	PRESS SN			SBE 43-Oxy	(prime)				ll l	REMARKS	*********				**********			********		
	PRI TEMP	*****		41	(sec)				3				*************		***************************************	~~~~				
	SEC TEMP PRI COND			PAR S/N	meter					*********	*******	**************				********	*******	***************		
	SEC CONI	SN		O2 Tmp Se	nson No					*********		····	**********					······································		
										*******						**********	~====	****************		
																		Race	rder Initials:	
							- T						1	· 1	<u></u>	<del></del>		11500		
Nis	DEPTH	Rosette Notes	Sample Bo Salt.Btl	ottle Numbe Nut.Btl		DIC / A	U.V.	Chloro GFF	I <sub>-10</sub>	micron V	/ol		Flow Cyt	eDNA	7.				Comment	S Nis No.
No.	DESIRE		74	30 31 32	358	DIC 7 F			1/10	THETOTT	, Gi		non oye	EDIVA				······································		140.
	12.00		79	32	770	 	<b>,</b>												**************************************	
-	1200			33 34 35		, ×			_							-				2
3	1000		<b></b>		<b></b>															3
4	50P			36 37 38					╬											4
	25Ø				<b> </b>	 														5
	100			40							-									6
7		1														apitoticterra.				7
8				ч												-		·		8
9				42	ļ														· 	9
10				43									2ml							10
11	Surf			44	ļ															11
12	~					-		None of the last o	No.	Market Control of the	No.	March Comments								12
L	-	Inline																		ı

VE	SSEL		CR	UISE ID			PROJECT &	& LEG		CTDF	-ileName:					TION NO.		
0.5	CAR DYSO	1	D,	Y2410			EcoFOCI F	all Moo	ning							57	HI	
	CONSC CAST #	LATITUDE			NGITUDE	DAY	МО	YR	TIME (GMT)	DRY BULB	RH (%)	Pressure (mb)	WIND DIRN.	WIND SPD. (kts)	воттом		STA. NAMI	E/ID
L		DEG MIN		DEG .	MIN	DAY	1 : 3	-:-	1 1	; ;	1 : 3 1		(deg)	(KLS)	(m	: } }	1, 1,	
E	1	5 7 5 1 . 9	16 N I		3.5	1   <sub>W</sub>  Ψ 7	SEP	2 4	0641	9811	097	1017					M 4	<u> </u>
F	SBE 9+			FLUOR S/N					WEATHER OBS		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SFC/Bo	ttom Temp.		*****************	MAX. I	оертн =67 м	
H	PRESS SI			SBE43-Oxy					KEWARKS.	M4 M	202-45	Site.			***************************************		***************************************	
F	SEC TEM			71:					*****************		6							
	PRI CONI	) SN		PAR S/N					***************************************	Very :	Steep C	3. B halo	cline					
L	SEC CON	D SN		O2 Tmp Se	nson No				*************			******************	••••••					*********
F	<u> </u>								***************************************			~~~~~~~~~~		~~~~		*********	**************	*******
┢																		
																Recorder	Initials:	
h	s DEPTH	Rosette Notes	Sample B	ottle Numbe	ır		Chloro										Comments	Nis
N	DESIRE	D	Salt.Btl	Nut.Btl	O2.Btl	DIC / ALK	GFF	>1	0 micron Vol		Flow Cyt	eDNA	PDA					No.
Ī.	BOT			45 46 47		XX											<del></del>	1
$\vdash$	Bot			<b></b>		·						E2393		1				2
	50			48	"	Х	278				3φ							3
	23.00		<b></b>	49		×	278				3.0							4
	30			50		X	278				20	E2394						5
						X						9 30,						6
▮	, 20			51			278				34		ρX					7
	10			<u> </u>										fiv	ed Yo	SogK;	hd-Simpled	8
	-1	1000	1	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	,~\_	11		~\	1-1-1	jur		273	Con .		··· E		Confidence of Comments of the Confidence of the	9
	0 10			52		Χ	778				3∮	Ea395	X	Во	title had	d Small	leak	10
	1 508			53	107	XΧ	278				34)		. X					11
	2 VV	Unn		/4/		AA	A Comment of				1	A SAME TO SAME THE PARTY OF THE	Reco	7	The same of the sa	and the second seco	The second second	~12
		Inline			1				$\overline{}$						<b></b>	/	)	

VESS	ĒL.		CRL	JISE ID			PROJECT & L	EG		CTD Fi	leName:				STATION NO.	11 /	
OSCA	R DYSO1	1	DY	2410			EcoFOCI Fall I	Mooring							58	lt I	
СО	NSC ST #	LATITUDE		LON DEG	IGITUDE MIN	) DAY	МО	TIME (GN YR HR N	MT)	DRY BULB	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME	E/ID
0	06	DEG MIN	271	633			S E P 2								3 3 : : 3 3	КПЯ	
<u> </u>	· · · · · · · · · · · · · · · · · · ·			FLUOR S/N			33;11112	WEATHER		_ :	<u> </u>	SFC/Bo	ttom Temp.	1 1		DEPTH = 35m	
	SBE 9+ PRESS SI			il	(prime)		·····	REMARKS	••								
	PRI TEMP			SBE43-Oxy						KU2 h	المصرك ند	y 5:3	5			~~~~	*****
	SEC TEM			Transmisso	meter				******	~~~~		······································					
	PRI CONI	SN		PAR S/N							***************************************	************	************				
	SEC CON	D SN		O2 Tmp Se	nson No		· · · · · · · · · · · · · · · · · · ·			***************************************	*************************	***************************************		***********			
$\blacksquare$															***************************************		**********
$\vdash$																	
H																	
															Recorde	r Initials:	
Nis	DEPTH	Rosette Notes	Sample Bo	ottle Numbe	r		Chloro									Comments	Nis
No.	DESIRE		Salt.Btl	Nut.Btl	O2.Btl	DIC / ALK	GFF	>10 micron V	/al		Flow Cyt	eDNA	PJA	7			No.
1	Bo			54			278			\	3014	2396				,	1
2	80					×											2
3	30			55	107												3
4	30					X	275				30						4
5	20			56			278				30		ļ				5
6	22	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \				×	,						X				6
7	10	1		57			238				70	2397	<u> </u>				7
8	10					X							X				8
9	い		120														9
10	کەر	7 ×		58	358		178				<b>3</b> 0						10
11	, n					×							X				11
12	1					1	1		1	1	11. Parket 18. 18. 18. 18. 18. 18. 18. 18. 18. 18.			7			12
-	ļ															1	1

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VESS	EL.	***	·	CR	UISE ID				PROJECT &	LEG			CTD I	ileName:				STATION NO.	 Lj 1	
OSCA	R DYSO	N		D	<u> 12410</u>				EcoFOCI Fa	all Moor	ning						<u> </u>	59	71	
	NSC ST #	DEG	LATITUDE MIN		LON DEG	NGITUDE MIN		DAY	мо	YR	TIME (	GMT) MIN	DRY BULB	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH	STA. NAME	E/ID
0	<b>4</b> 7		56.4		634		z w		SEP	2 4			ø8.	096	* * * * * * * * * * * * * * * * * * * *	258	1 2	1 } } : : : : : : : : : : : : : : : : :	мавох	
	SBE 9+	_			FLUOR S/N				<del></del>		WEATH				SFC/Bot	tom Temp.	······································	MAX.	<u> DЕРТН =5                                   </u>	
	PRESS S PRI TEMI	_			71	(prime) (sec)					REMAR	KS:					***********			
	SEC TEM	_				meter					*****				·····					
-	PRI CON	_			PAR S/N						*****					*******	*********			
	SEC CON	ND SN _			O2 Tmp Se	nson No					*****				***************************************				•••••••••••	~
												******	~~~	******************	~~~	***************************************				
																				3
																		Recorde	r Initials:	
	DEST			Campala B	ottie Numbe			·	Chloro					1					Comments	Nis
Nis No.	DEPTI DESIRE		ette Notes	Salt.Btl	Nut.Btl	O2.Btl	DIC / A	ALK	GFF		0 micror	ı Vol	<u> </u>	Flow Cyt	eDNA	PDA		***************************************	331111131113	No.
					59	100					· <u>.</u>									
2	30T				1-1	1.20	X								E2398	<u></u>				2
3	50	li li			100				278	3										3
4	40	>		<b></b>	61				278											4
5	30				62				278	?									· •,	5
6	30														E2390]					6
7	20				63			,	278	3						×				7
8					64				278	3	<u> </u>			3 Om						8
9	1/						-				$\sim$			1-		$\sim \sim$		111		9
10	10														E2400	<u> </u>		266 Cig		10
11	5 N L	<i>F</i>			105		<u> </u>		27-8					, 		X				11
12	l'		and the same						or the same of the		/ <u> </u>	1_	The second secon			7-7		M		12
							<u> </u>													
	II			1		1	1		II.	li i				1	11 1	11	li li			. 1

VES	SEL		CI	Ruise ID				PROJECT	& LEG		CTD F	ileName:	· · · · · · · · · · · · · · · · · · ·			STATION NO.		
osc	AR DYSON		D	Y2410				EcoFOCI F	all Moori	ing						510	11	
<i>\$</i>		SN	3 9 N 1	FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisso PAR S/N		W					Vo w	atev Only	Pressure (mb) SFC/Bot (0)   eC+	- 23	**************		STA. N/	ME/ID  M 2.
Nis	DEPTH	Rosette Notes	Sample De	ottle Numbe			F									Recorder	Initials:	
No.	DESIRED	Nosette Notes	<del>                                     </del>	т	O2.Btl	DIC / AL		Chloro GFF	10								Comments	Nis
			Cuit.Bti	I VOL. DII	102.00	DIC / AL	<u>^                                    </u>	GFF	>10	micron Vol		Flow Cyt	eDNA					No.
1																		1
2			<u> </u>						_							•		2
3																		3
4							_											4
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		   Inline			<b></b>	I							·					

VESS	EL			CI	Ruise Id			PRO	JECT &	LEG			CTD Fi	ileName:		, a			STATION NO		
osc	AR DYSO	N		D	Y2410			Ecol	FOCI Fal	l Moor	ring								SIG	0 12	
φ 	ONSC ST # SBE 9+ PRESS S PRI TEM SEC TEM PRI CON SEC COM	PSN	LATITUDE MIN 5 1 3	9 <sub>N</sub> 1	DEG 6 4 Ø FLUOR S/N SBE43-Oxy SBE43-Oxy	(prime) (sec) meter		8 <sub>s</sub>	MO E P 7	YR 2 4	HR }	IER OBS:	DRY BULB  (°C)  Ø Ø . 1	RH (%)	Pressure (mb) 1 0 1 3	<u> </u>	WIN SPD (kts	). BO	OTTOM DEPTH (m)  72,	STA. NAMI  7  X. DEPTH = 66 m	12
		····						<del>- 1</del>									ı		Recor	der Initials:	
Nis	DEPTI		tte Notes	Sample B Salt.Btl	Nut.Btl		DIC / ALK	Щ—	Chloro GFF	1.1	0 micro	n Val		Flow Cyt	eDNA	<b>-</b> ^	$\dashv$			Comments	Nis
No.		7							GFF		OTRICIO	11 V UI		I low cyt	_	PDA		Must h	ottles in du	Search oxiey	No.
1	1307			75	67,74, 25	161,150								- 	E2401						1
2	307					ļ	XXXX										_				2
3	50				68	215	<u> </u>	2.	78					3♥							3
4	40	4			69	272	X	2 :	78.					34	`_					1840.0	4
5	30	4			70	172	X	2.	78					3 0	E2402						5
6	20	DY/			71	197	X	2	7 <i>8</i>					34		Х					6
7		DY			72	175	X		<u> </u>					30	E2403	X					7
i	SUR				73	181			78					3Ø		<b>X</b>					8
9		7/1	1 0	h /					\ \ \		<u> </u>	A /	1 1								
9	111	/ <del> </del>					<u> </u>		.\									1 0 -	₩ S + :	^^^	9
10	-00	TI T						_		-								<u></u>	Ky. ski	100	10
11	SURI	ر الن	 7 a o		ļ <u>-</u>		XXXX	 									<u></u>				11
12	10									4											12
														ļ							
1		<u> </u>	Inline									<u></u>		<u>                                     </u>							
				· · · · ·			<u>-</u>				المستنب										-

VES	SEL		(	CRUISE ID			Р	PROJECT 8	LEG			CTD Fi	ileName:				STATION NO.		
osc.	AR DYSOI	<u> </u>	[	DY2410			E	coFOCI Fa	all Moor	ing								H1	
	ONSC ST#	LATITUDE		LO	NGITUDE					TIME (GN	IT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ DEPTH	STA. NAME	:VID
		DEG MIN		DEG	MIN		DAY	мо	YR		iiN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	STA, NAME	710
Φ	ι φ:	5640.	l I N	1635	, z . ¢	l lw	D 9 9	SEP	2 4	Ø 6 Q	4					***	75.6	MZBd>	44
	SBE 9+			FLUOR S/N	ı					WEATHER	· · · · · · · · · · · · · · · · · · ·		1 1 1	SFC/Bot	tom Temp.			DEPTH = PPm	
	PRESS SN			SBE43-Oxy						REMARKS:						*****		***************************************	
$\equiv$	PRI TEMP			SBE43-Oxy						**********				DUTERE TU SO				***************************************	
	PRI CONE			PAR S/N	Jine Cei		**			~~~~	<u> </u>			HAVY				***************************************	
	SEC CON	O SN		O2 Tmp S	enson No					***********				CY (L DA					
									l:	*********	**********		***************************************	***************************************	~~~~~	••••	***************************************		
Н																			
																	Recorder	Initials:	
Nis	DEPTH	Rosette Notes	Sample E	Bottle Numbe	er			Chloro										Comments	Nis
No.	DESIRE	)	Salt.Btl	Nut.Btl	02.Btl	DIC / AL	LK	GFF	>10	0 micron V	ol		Flow Cyt	eDNA					No.
1	BOT			76		X									-				1
2	BOT	<b>Y</b>				X									~~~~				2
3	5 Ø	L		77				278										***	3
4	40		<u> </u>	78				298										,	4
5	3 Ø			79														•	5
6	30,	1			·		z	298			·								6
7	20	1	ļ	8Ø			<u>z</u>	78											7
8	10	1		81									X						8
9	10	<u> </u>			· <del> </del>	ļ		278	<b></b>				, 		~====	1			9
10	SURF			82				278								Lea	Ky Niskiu vep Ali god	laced,	10
11	SURF				227												W		11
12	4	your	1-2-	7	-2	-2				and the same of th	4-	Control Control	27		- Comment				12
			<u> </u>			ļ	<u> </u> _												
L		Inline																)	

A

VESS	CAR DYSON DY2410							F	PROJECT &	LEG		CTD F	ileName:	*		o.		STATION	NO.	1.4.4	
OSC/	R DYSO	١		DY24	110			[8	coFOCI Fa	ll Mooring	)					<u>.</u>		<u>                                     </u>	2	41	
CA Ø	NSC ST #	DEG	TUDE MIN . Ø 3	FLU SB SB	JOR S/N E43-Oxy	MIN 9 9				YR 2 4 0	FIME (GMT)  HR MIN  O S S  EATHER OB:	1	RH (%)	. , ,	WIND DIRN. (deg)		1	TTOM DEP (m) 7 4	,5	STA. NAME  MZBOX  DEPTH=7-0m	
	PRI CONE				R S/N							•••••		***************************************	*************	**********		************			
	SEC CON		Is-	mple Bottle		enson No			Chlara					`				Re	ecorder		
Nis No.	DEPTH DESIRE	<b>ऻ</b> ───			t.Btl	O2.Btl	DIC / A	J K	Chloro GFF	>10 r	micron Vol	1	Flow Cyt	eDNA	PDA					Comments	Nis No.
Ħ		<u> </u>	Jan		3	267	<del> </del>			17.0.	11101011 1 01	<u> </u>	11017 0,71	ÇDINA	PV			<del></del>			110.
1	BOT	;			ý Þ 	-6 /	X	<del>,</del>						EZYON			<b>-</b>				
2	501			g	L.I		<del>  ^</del>	<b>`</b>	2 7 64					12 6464		-					2
	3 <del>V</del>				5				<del>278</del> 278				-								. 3
4	30				6				270 278						~						4
5	30	<b></b>			9				<u> </u>					E2405							5
7	7.¢	V		9	. 7		<u> </u>		276						×				·		7
8	lØ				 የደ			-	<u> 170 -</u> 278			-	X								8
9	lφ												1	E2406	<u> </u>						9
10		;		5	19	<del></del>			Z78			-			<i>E</i>						10
11	Suff				· · · · · ·				¥				,,,,		, ×						11
12	5	1						7					<u> </u>								12
		<u> </u>																*******			
		Inline											<u> </u>	`						)	1

VESS	EL			PRC	)JECT & L	EG		CTD	ileName:		"			STATION NO.					
OSC/	R DYSOI	N		DY2410		· · · · · · · · · · · · · · · · · · ·	Eco	FOCI Fall I	Mooring		1	<u> </u>	T	1	1		) ) )	> 41	
	NSC ST #	LATITI	JDE	LC	ONGITUDE					иЕ (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	вот	ГТОМ DEPTH	STA. NAME	E/ID
<u></u>	\$		AIN	DEG	MIN	,		{	YR HI		(°C)	(%)	(mb)	(deg)	(kts)	3	(m)	1 1 1	
$ \varphi $	12	5 7 <i>0</i> 1	. 04 N	1641	Z 9	6 w	99 s	E P 2	4	φ43							69,	MZ BOX	
	SBE 9+			FLUOR S/					WEA	ATHER OBS	<u> </u>		SFC/Bo	ottom Temp.			MAX.	DEPTH=63m	
	PRESS SI	<u>-</u>			y (prime)				REŅ	IARKS:	*****		***********************					***************************************	
	PRI TEMP SEC TEM				sy (sec) someter				-		*****						······································	•••••	
	PRI CONT			PAR S/N	_									***********		*********			
	SEC CON	D SN		02 Tmp 9					~~~	***************************************		~~~~	~~~~	~~~~			***************************************		
									_	************				************		***********	***************************************	************	
																	Recorde	r Initials:	
Nis	DEPTH	Rosette Note	es Samp	le Bottle Numb	oer			Chloro	1	110 1								Comments	Nis
No.	DESIRE	D	Salt.B	tl Nut.Btl	O2.Btl	DIC / A	ALK	GFF	>10 mi	cron Vol		Flow Cyt	eDNA						No.
1	Bot			90															1
2	BOT					X													2
3	50			91			2	78											3
4	<b>Ч</b> 🕉	)		92			2.	78											4
5	30			93			2	<del>7%</del>											5
6	30																		6
7				94			2	98										~~~~~~	7
8	10			95			2	78						ļ					8
9												<u> </u>							9
	508.F			96			2	48											10
11	SUR				243								/						11
12	7	11		12														7	12
																		<i></i>	
Ī.		Inline																)	

VESS	EL		CI	Ruise ID				PROJECT &	& LEG		CTD F	ileName:			<u> </u>	STATION NO.		
osc	AR DYSON		D	Y2410				EcoFOCI F	all Moor	ring						S14	HI	
CA	1_	LATITUE DEG MI	N	LOI DEG 73 t			DAY DAY	MO S E P	YR 2 4		DRY BULB (°C)	RH (%)	Pressure (mb) SFC/Bot	WIND DIRN. (deg)	WIND SPD. (kts)		STA. NAME  GLIC	SE.
	PRESS SA PRI TEMP SEC TEMF PRI COND SEC CONI	SN		SBE43-Oxy Transmisso PAR S/N	(prime) (sec) meter enson No				The state of the s	REMARKS:	LAST KN NEAR	57, M	in 1:05-18	LACATO	10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	Recorder	Initials	
	DEPTH	Rosette Notes	Comple 8	ottle Numbe			<u> </u>	Chloro				1					Comments	
Nis No.	DESIRE	_	Salt.Btl	Nut.Btl	02.Btl	DIC / AI	LK	GFF		0 micron Vol		Flow Cyt	eDNA		 		Confinents	Nis No.
1	Bot			199						· · · · · · · · · · · · · · · · · · ·								1
2	BOT				241													2
3	50			100	0.11			278									······································	3
4	40			101				275	{}									4
5	30			102				ጋገሪ										5
6	20			103				278		~~~~~~~~~								6
7	10			104				278				30%						7
8	SURF	,	76	105				278								•		8
9	SUR	-	,		242													9
10																		10
11																		11
12	1/		711	111		1		<u> </u>						\		111	ant the second s	12
ı		Inline															)	

VESSEI				CRUISE ID		······································		PROJECT &	LEG			CTD	FileName:				STATI	ON NO.		
OSCAF	R DYSON			DY2410				EcoFOCI Fal	l Mod	oring							<u>~</u>	515	HI	
PI PI SI	Γ#	SNSN	92	DEG  / 7 2 2  FLUOR S// SBE43-Ox SBE43-Ox Transmiss PAR S/N					YR 2 4	HR O2	(GMT) MIN 28 IER OBS:		RH (%)		WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM (m)	74	STA. NAMI	
Nis	DEPTH	Rosette Notes	Sample	Bottle Numb	nor.			Chloro					1		· · · · · · · · · · · · · · · · · · ·			Recorder	Initials:	Nis
∥ ⊩	DESIRED		Salt.Btl			DIC / /	ALK	GFF	>1	10 micro	n Vol	IFCR	Flow Cyt	eDNA	PDA	_				No.
		V							╬			<u> </u>		2407	***		·	<del></del>		
	BOT	'	<del> </del>	3 7 1	1000		 <del>)</del> .							3,401			بنا کا کا جو ہو ہو جو بنا اندا اندا اندا بنا بنا ا			1
2	BOT			106	<del>-</del>	X			╬							_ -				2
3	50		ļ	107				278				Χ	X							3
4	40	<u></u>		108				278	┸			X	X _							4
5	30					ļ 								2408						5
6	30			109				278				X	X							6
7	ನಿರಿ			110				278			:	<u> </u>	×		Х	A				7
8	10		<u> </u>			.+					<u> </u>			2409		·				.8
	10			1 Abberra				278	╢			×	×							9
9			<del> </del>			·	<b></b>	278				X	<u> </u>		X	<del>.  </del>			u	
10	<u>500</u>	- /		112				- 0	╫				<del>  ^ -</del>							10
	4008	4 4 4	<del> </del>	<u></u>	1 1		/۸		╬				1				1 ^		0 40	11
12	VU		$\bigcap$	1					╫									11		12
		Inline	-			<del> </del> -			+		<b>\</b>							generate,	<u> </u>	
<u> </u>		<del></del>	<u> </u>		<u> </u>					<del>-</del>					<del></del>		· · · · · · · · · · · · · · · · · · ·		<i></i>	

VESS	EL		CR	RUISE ID			PROJECT 8	LEG		CTD F	ileName:				1	TION NO.		
OSC.A	R DYSON		ים	Y2410		·	EcoFOCI Fa	all Moo	ring						S	اله	HI	
CA		SN		DEG  7 2 1  FLUOR S/N  SBE43-Oxy  SBE43-Oxy	(prime) (sec) meter	N Q I		YR 2 4	TIME (GMT) HR MIN O 4 O O WEATHER OBS: REMARKS:		RH (%)		DIRN.	WIND SPD. (kts)	BOTTOM (m	) 	STA. NAM  M 5 W  DEPTH = 68 m	
Nis	DEPTH	Rosette Notes	Sample B	ottle Numbe	<u> </u>		Chloro										Comments	Nis
No.	DESIRED					DIC / ALK		>1	10 micron Vol		Flow Cyt	eDNA	pDA	$\parallel$				No.
1	BOT											2410			·		<del></del>	1
2	Bot			113	<b></b>	X												2
3	50			114			278										300 AM - 1	3
4	ય૦		<b></b>	115			278											4
5	30	,										2411						5
6	30		·	116	<b>†</b>	<u> </u>	278	,   }										6
7	20	/		117			229						XA					7
8	[0											2412	* 1	4				8
9	10			118			278	3			30a							9
10	50¢			119			278	7					1 A					10
11	5098	/		•	283													11
12	<u> </u>		1	<b>`</b>	~~	1-1		1	1 V					]~	~			12
																	- · · · ·	
l		) Inline															<u>) [ [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] </u>	2003

VES	SEL.	# · · · · ·	CF	Ruise ID			PROJECT &	LEG	CTD Fi	leName:					STATION NO.		
osc.	AR DYSON	1	D	Y2410			EcoFOCI Fal	l Mooring							517	ty /	
CA D	3	SNSN	5 N I	DEG 720 FLUOR S/N SBE43-Oxy	(prime) (sec) meter	1		TIME (GMT) YR HR MIN 2 4 Ø 5 5 1 WEATHER OBS REMARKS:		RH / (%)	Pressure (mb)  SFC/Bo	DIRN. (deg)	WIND SPD. (kts)	BOT	TOM DEPTH (m) 6 3 6	STA. NAME	/ID
															Recorde	r Initials:	
Nis	DEPTH	Rosette Notes	<u> </u>	ottle Numbe		Tere to the	Chloro	11					_			Comments	Nis
No.			Salt.Btl	Nut.Btl	O2.Btl	DIC / ALK	GFF	>10 micron Vol		Flow Cyt	eDNA					<del>.</del>	No.
1	BOT		<u> </u>		784												1
2	But			150		XX										•	2
3	5 Y			121	<b></b>		278										3
4	ų Ø			122			27-8										4
5	34)			123			278						1	***			5
6	S)				<b></b>							<b> </b>					6
7	20			124			278										7
8	ιø		·	125	<del></del>		278		***************************************	30 mL	_				••		8
	Surf	-			-												9
	SURF		<u> </u>	126	<b>†</b>	<del> </del>	278	-									
	SURT	-				X							_			<del></del>	10
12	7		h /	<b>1</b>		<b>六</b> 一						Service Comments					11
																	12
1		Inline													,	<u> </u>	

VES	SEL		C	CRUISE ID			PRO	JECT &	LEG		C	TD Fil	leName:				STATION NO.		
osc.	AR DYSO	<u> </u>		DY2410			Ecol	FOCI Fal	l Moori	กg							S18	41	
	ONSC .ST #	LATITUDE			NGITUDE					TIME (GMT)	DRY BU		RH	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ ДЕРТН	STA. NAME	E/ID
		DEG MIN		DEG	MIN			40	YR	HR MIN	(°C)	7	(%)	(mb)	(deg)	(kts)	(m)	1 1 1	:
		5 9 5 3 .	9 P N		5.7	9 w 1	l s	E P Z	2 4	0848	$\phi$ 6.	9	096	1007	Ø 4 9	$\varphi I$	77,2		
$\overline{}$	SBE 9+ PRESS SI	<u></u>		FLUOR S/N				_	11	WEATHER OBS	i:	•••••		SFC/Bo	ttom Temp.		MAX. [	DEPTH = 65 m	
=	PRI TEMP			SBE43-Oxy	(prime) (sec)			<del></del>		REMARKS:		N,	รงใช้ (เล่น กับ	u Fur	Stal	B	CID		
	SEC TEM			Transmisso			,		ļ	***************************************	~~~~				*****************			*******************************	~~~~
	PRI CONI SEC CON			PAR S/N				_		***************************************		~~~~	~~~~	M0000000000000000000000000000000000000	***************************************			•••••••	***********
	SEC CON	D 21/4	<u>L</u>	O2 Tmp Se	nson No					***************************************	***************************************		~~~~	***************************************	***************************************			~~~	
										***************************************	**********	*******		***************************************	************	***************************************		***************************************	**********
						<b>b</b> ,											Recorder	initiale:	
Nis	DEPTH	Rosette Notes	Sample	Bottle Number	-			Chloro				<del></del>							
No.	DESIRE		Salt.Btl		02.Btl	DIC / ALK		GFF	>10	) micron Vol			Flow Cyt	eDNA				Comments	Nis
1	B0					X		···						CDIVA					No.
2	Bot			127	<b></b>									EZY13					1
3	50			128			7:	78	╢					100117			<u>.                                    </u>		2
	40			129			27	~											3
4	30						<del></del>	78	-										4
				130	 			/ 0	-				****						. 5
	30							***	-					EZYIY					6
7	20			131				78							<u>X</u>		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		7
8	10			135			2 =	78	_										8
9	10								<u> </u>				30mL	E2415	X				9
10	SURF			136		X	2	78	_						•				10
11	SVRF				312										X				11
12	4	200	1	-7_			The second second				1	No. of Street, or of		7-2					12
																100000			
	-	) Inline													1			<u>)                                    </u>	

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VESS	SEL		CR	RUISE ID			PROJE	CT & LE	G		CTD	FileName:	- 42	***************************************	2000	STATION NO.		
osc	AR DYSQN		D	Y2410		i#3	EcoFO	CI Fall M	100ring	Tail'			1181.4C.28181			519	4 1	
φ   ψ	SBE 9+ PRESS SN PRI TEMP S SEC TEMP PRI COND	SNSN	1 Ø N 1	DEG 7-13 FLUOR S/N SBE43-Oxy SBE43-Oxy	(prime) (sec) meter	6 w 1		P 2	R H	ME (GMT)  R MIN  Ø 5 Ø  ATHER OBS:	DRY BULB	RH (%)	limin to	WIND DIRN. (deg) 331	WIND SPD. (kts)		STA. NAME	
Nis	DEPTH	Rosette Notes	Sample Bo	ottle Numbe	r	8115-	Chl	Office				T				Recorder	Initials:	
No.	DESIRED	1	Salt.Btl			DIC / ALK			>10 mi	cron Vol	1	Flow Cyt	eDNA		_	35.000	Comments	Nis No.
	BOT				227		-						CDIGA		_	1150		] 140.
屵					- T	×								ļ				1
2	BOT			137											_	0000		2
3	5ψ			138			278									***************************************		3
4	40			139			778							\$				4
5	30	<b>/</b>		140			278	-										5
6	30	/																6
7	Zφ			141			779	7			The state of the s						1.97	7
8	ΙÞ			142			279	0.4877.00				X				**************************************	1	8
9	16									~10.								9
	SURF	1		143			278	3										10
11	SURF																	11
12	4	1	1						<u></u>					1	1		*******	12
																		12
		Inline									20,1						)	

VES:	EL		CI	RUISE ID			F	PROJECT 8	LEG			CTD F	ileName:		<u>-</u>		STATION NO.		
osc.	AR DYSO	N	D	Y2410			E	EcoFOCI Fa	II Moor	ring				•			S Z Ø	H1	
	ONSC ST #	LATITUDE DEG MIN 5 9 5 4 . S	7 P N 1	DEG 7 1 9 FLUOR S/N		2 w 1			YR 2 4	WEATH	MIN 53 ER OBS:		RH (%)		WIND DIRN. (deg) 3 Z 5	WIND SPD. (kts)	BOTTOM DEPTH (m)  F O, O	STA. NAME.  M5  DEPTH =64 m	/ID
	PRI TEMI SEC TEM PRI CONI SEC CON	P SN P SN D SN D SN		SBE43-Oxy Transmisso PAR S/N O2 Tmp Se	meter		1	`		REMAR							Recorder		
Nis	DEPTH		Sample B Salt.Btl	ottle Numbe Nut.Btl		DIC / AL		Chloro		0 micron	34.1				PO A	<u> </u>		Comments	Nis
No.		<del></del>	Salt.Bu		1		<del> </del> -	GFF		o micron	ı voi		Flow Cyt	eDNA	PPA				No.
1	Bot			145,146	267 243	XX		42						444.4					1
2	BOT			1	267,243	,			-			17 (\$10K) - 111111		2416					2
3	50			148	241	X		278					3ø						3
4	y O			149	239	X		278					30						4
5	30			150		X		278					30						5
6	30	V			283									2417					6
7	24	V		151	358	Χ		278					3φ		X				7
8	14			152		X		248					30 ML		X				8
9	ψJ				312									2418					9
	SURF			153	345								3 <i>φ</i>		X				10
	SURF		77			XX	.	c 7 8							F		, , , , , , , , , , , , , , , , , , , ,		11
12	سسا		\	+ -	1	7	$\mathbb{A}$			/\								****	12
		Inline	5							_ )								)	

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VES	SEL		C	RUISE ID				PROJECT &	& LEG		(	CTD Fi	leName:				S	TATION NO.		
oso	AR DYSO	N		)Y2410				EcoFOCI F	all Moor	ing								SAI	HZ	
	ONSC														WIND	MIND				2
	AST #	LATITUDE		LO	NGITUDE					TIME (GMT)	DRY BI	ULB	RH	Pressure	DIRN.	SPD.	BOTT	OM DEPTH	STA. NAM	ME/ID
_	· -	DEG MIN		DEG	MIN	,	DAY	МО	YR :	HR MIN	(°C	()	(%)	(mb)	(deg)	(kts)		(m)		
ව	20	59 42.7	8 N	1710	8.6	O w	١2	SEP	2 4	0121	7	.14	93	1006	296	07		73	70 M3	Ca
	SBE 9+			FLUOR S/N		· · · · · ·				WEATHER OBS		*******		SFC/Bot	ttom Temp.			MAX	.DEPTH =19 r	
	PRESS SI	N		SBE43-Oxy	(prime)				- 11	REMARKS:		*******							,	
<u> </u>	PRI TEMP				(sec)				1	************	*****		***********			~~~		*************		***********
	SEC TEM				meter					***************************************				~~~~	~~~		***************************************		***************************************	
<u> </u>	PRI CONI			PAR S/N							******	*******	~~~			*********		***************************************	***************************************	*********
┢	SEC CON	D 2N		O2 Tmp Se	enson No					****	~~~		*************	****************	*************	~~~~	************	~~~		***************************************
	1									***************************************	*************	*********			***************************************	**********	***************************************		************	
	]								1											
<u></u>	-																	Records	er Initials:	
Nis	DEPTH	Rosette Notes	Sample E	Bottle Numbe	er			Chloro											Comments	Nis
No.	DESIRE	D	Salt.Btl	Nut.Btl	02.Btl	DIC / A	LK	GFF	>10	O micron Vol			Flow Cyt	eDNA	PdA		110			No.
	BOT											·		2420						
2	30T			155		×														
	50			156		-		275	+						•					2
3	<u> </u>		<b></b>	157		<u> </u>		278												3
4	<b>─</b>							278	╬											4
5	30		ļ	158	ļ	ļ <del></del> -		278												5
6	30		ļ <u>.</u>											5497						6
7	20	<b>)</b>	<u>                                     </u>	159				218							χ					7
8	10			160				218					X							8
9	D													2432	X				1 25 KB	9
10	50121			101				278					*		Χ					10
11	1				227										•		•			11
12	1				~	1	~	1	h	1		~	~~			1			*************	
Ë			-																	12
		1nline																	)	11

CONSC CAST # LATITUDE LONGITUDE TIME (GMT) DRY BULB RH Pressure DIRN. SPD. BOTTO	SAA HA  DEPTH STA. NAME/ID  17 3 70 M3 4  MAX. DEPTH = 8 m  Recorder Initials:  Comments Nis
CAST # LATITUDE	n)  7370 M34  MAX. DEPTH = 68 m  Recorder Initials:
No.   DESIRED   Salt.Btl   Nut.Btl   O2.Btl   DIC / ALK   GFF   >10 micron Vol   Flow Cyt   eDNA   DDA	
No.   DESIRED   Salt.Btl   Nut.Btl   O2.Btl   DIC / ALK   GFF   >10 micron Vol   Flow Cyt   eDNA   DDA	Comments
1 Bot / 2423 2 Bot / 162 267 X 3 50 / 163 X 278	11
2 Bot 162 267 X 3 50 163 X 278	No.
3 50 V 163 X 278 4 40 V 164 X 278	1
1 40 / 164 X 278	2
	3
	4
	5
6 30 1 2424	6
7 20 V 166 X 278 X	7
8 10 V 167 X 278 L	8
9 10 / 2425 X	9
10 5018 / 168 278 X	10
11 SURE / X	11
	12

VES	SEL		CRU	ise id			PROJECT &	LEG	CTD F	ileName:				STATION NO.		
osc	AR DYSON	l	DY	2410_			EcoFOCI Fa	II Mooring						523	HZ	
	ONSC AST#	LATITUDE DEG MIN		LON DEG	NGITUDE MIN	DAY	МО	TIME (GMT) YR HR MIN	DRY BULB	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME	E/ID
ίþ		914.7		702	{ : :	· ·	SEP	· · · · · · · · · · · · · · · · · · ·	en e	· · ·	1007	-::	Ø 6	1 8 1 1 3 1	70 M 3 Z	2
-	SBE 9+	1711111		FLUOR S/N		1/[W] . 1-	SEIP	WEATHER OBS:		4110		ttom Temp.	7[0]		DEPTH =64 m	
	PRESS SN			SBE43-Oxy				DEMARKS.								
	PRI TEMP			SBE43-Oxy				NO OG:	TE: Reco	orded tim	e appears	incorre	ct. Sh	ould be 2024-0 Push in SCS lo	9-12	••••
	SEC TEMP PRI COND		1	Transmissor PAR S/N	meter			06.	06 01C a	ccording	IO CID B	OLLOITI BI	utton	Push in 505 log	ys 	
	SEC COND			OZ Tmp Se	nson No			***************************************	***************************************			***************************************	**********			*********
								***************************************	•••••			~~~~			***************************************	
<u> </u>																
														Recorder	Initials:	
Nis	DEPTH	Rosette Notes	Sample Bot	tle Number	r		Chloro								Comments	Nis
No.	DESIRED		Salt.Btl	Nut.Btl	02.Btl	DIC / ALK	GFF	>10 micron Vol		Flow Cyt	eDNA	pDA	1			No.
1	Bot					XX										1
2	A 3			169							2426		- <del> </del>			2
3	50			1700		X	278									3
4				12)		×	278									╟┷╢
5	30	<del></del>							l							
6				172							2427					4
⊩	<del> </del>			172		X	258				2427					5
-	30					X	042				2427					5
7	30 24			173		X	242 148			2.0		*				5 6 7
8	30					×	042			3 <i>ø</i>	2427					5 6 7 8
8	30 20 10			173	742	/	248 248			30		× ×				5 6 7 8 9
9	30 20 10 10 Surf			173	243	×	242 148			30		*				5 6 7 8 9
8 9 10	30 20 10			173	243	×	248 248			3φ						5 6 7 8 9
9	30 20 10 10 Surf			173	243	×	248 248			30		*				5 6 7 8 9
8 9 10	30 20 10 10 Surf			173	243	×	248 248			30		*				5 6 7 8 9 10

VESS	EL	,			CRUISE ID	****			PROJECT	& LEG			CTD Fi	leName:			,, ,,	STATION NO.	, , )	
OSC/	AR DYSOI	N			DY2410				EcoFOCI F	all Moor	ring							SZY	<u>H1</u>	
CA		DEG	ITUDE MIN		DEG	NGITUDE MIN		DAY	MO	YR	<del>                                     </del>	IN	DRY BULB  (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAMI	
Ψ	7/3	5904	] . 3	3 м	1701	4.7	6 w	1 2	S E P	2 4	0 7 3	5	6.7	92	1007	269	07	67.8	70 M3	1
$\overline{}$	SBE 9+	••••			FLUOR S/N	_								•••••	SFC/Be	ttom Temp.		MAX.	m (ع) = DEPTH	
	PRESS SI PRI TEMP				SBE43-Oxy SBE43-Oxy	(prime)					REMARKS:		C	rD on						
	SEC TEM				Transmisso						***************************************				<del></del>					
	PRI CONE	•			PAR S/N						**********			~~~~	~~~~	***********		***************************************		
	SEC CON	D SN		[	02 Tmp Se	enson No					·	******					***************************************	***************************************		**********
											********			***************************************	***************************************	••••••			***************************************	
																		Recorde	r Initials:	
	DEDELL	<u> </u>		Ici.	O seels No sels				Clalana				<del></del>	T						
Nis No.	DEPTH DESIRE		otes	Sample Salt.Btl	Bottle Number	O2.Btl	DIC / A	ΔIK	Chloro GFF	11	0 micron V	<sub>3</sub> ]		Flow Cyt	eDNA				Comments	Nis No.
H	Car	_		- Cartioti		242			0,1		3 111101011 1			rion ojt	CDIAN					一
1	おか				177	-+	\ \													1
					178				~											2
3	·				179		<del> </del> -		X											3
4	·)				180				X.		OFF HIRES.						_			4
5				ļ <b></b> -	184				X_											5
6	30 70				181				X	-							┪			6
	1			ļ	182				X					X						7
8	(0)				18-												-			8
9		,			183	<del> </del>			X											9
10 11 12	SURF				102				- \			$\dashv$								10
12	\			disseriment	والمنتان والمناور وال				William .		The second second	and the same of th								12
		- Antoni	and the second		**************************************												- SS.	## <del>*</del>		
		Inline																	<u>)</u>	

VESS	EL		C	Ruise ID				PROJECT &	& LEG			CTD	FileName:					STATION			
OSC/	AR DYSOI	ν		Y2410				EcoFOCI F	all Moor	ring								S2	.5	H	
CO CA	NSC ST #	LATITUDE  DEG MIN  5 6 5 6 8			(prime) (sec) meter	) w	DAY 1 2	MO S E P	YR i	TIME HR	HER OBS:		RH (%) 0 9	31	SFC/Bot	WIND DIRN. (deg) 2 4 3	WIND SPD. (kts)	BOTTOM DEPT	тн	STA. NAME  O M 3 C  PTH = 45 m	
	DEPTH	Rosette Notes	I Comple D	ottle Numbe				Chloro									···········	Re	ecorder Init		1
Nis No.			Sample B			DIC / A	J.K	GFF		0 micro	on Vol		Flow Cy	<i>d</i>	eDNA	PDA				mments	Nis
Ħ	2		Jaic.bu	Truct. Del	102.50	<u> </u>	<del></del>	GI I	#	O (Inche	JI V OI		110000		EDNA	727					No.
1						$\times$									1,,,,,,						-   1
2		Ave.		184					_						2429		_				2
11 11	54		ļ	185				X							 						3
4	40			186				X													4
5	3 <i>0</i>			187				X													5
6	30														2430						6
	20			188				X								*					7
	10		1	189	<b>†</b>			X					<del>  ×</del>	·	1						8
	10			1											2431	X					9
[ ]	50K		-	190	<b> </b>	X	·	X							<u> </u>				****		
	50K			117	357			·								*	+				10
	177		<del>                                     </del>									7									11
12	News		- Warner		Second.				-		A CONTRACT OF THE PARTY OF THE					Ų.	Maria	Name and a second			12
$\vdash \dashv$					ļ							·			<b> </b>						$\blacksquare$
1		Inline			<u> </u>					<del></del> ,	)								_ )		

VES	SEL		10	CRUISE ID				PROJECT	& LEG	70000		CTD F	ileName:					STATION NO.		
osc.	AR DYSON	1	[	DY2410				EcoFOCI F	all Moor	ing								S26	<u>H1</u>	
	ONSC ST #	LATITUD			NGITUDE		SIV	110	, <u>, , , , , , , , , , , , , , , , , , </u>	TIME (GMT)	DRY B		RH	Pressure	WIND DIRN.	WIND SPD.	вотт	гом Дертн	STA. NAI	ME/ID_
<u> </u>		DEG MIN		DEG	MIN		DAY	МО	YR	HR MIN	ام الما	- {	(%)	(mb)	(deg)	(kts)		(m)	70 00	0
O		5846.	44 N	1701		3 w	1 2	SEP	2 4	1032		· 8	098			26	i		70 M2	
	SBE 9+			FLUOR S/N	_					WEATHER OBS	<u></u>			SFC/Bo	tom Temp.		*****	MAX.	DEPTH =64.	<u>n</u>
	PRESS SN PRI TEMP				(prime) (sec)					NEIMANO.		*********		***************************************		********				
	SEC TEM				meter				Ì	***************************************	~~~					***************************************	*******			
	PRI COND			PAR S/N						***************************************	****			***************************************	~~~	******			***************************************	
	SEC CON	O SN	<u> </u>	O2 Tmp Se	nson No					*******************		**********		~	***********	***********	**********	*************	***************************************	*********
										*************			***************************************		***************************************	******	*******	***************************************	***************************************	***********
-																		Recorde	. l=fai=l=.	
																		Recorder		-1-
Nis	DEPTH	Rosette Notes		Bottle Numbe				Chloro			T					_			Comments	Nis
No.	DESIRE		Salt.Btl	Nut.Btl	02.Btl	DIC / A	ALK	GFF	>11	0 micron Vol			Flow Cyt	eDNA		_ _				No.
1	BOT				290		<i></i>				ļ							*************	<u></u>	- 1
2				191		-/	(											<del>_</del>		2
3	50			192		ļ		X			ļ		ļ			∦				3
4_	40			193				×	_ _											4
5	30			194		ļ		人			ļ									5
6	30																			6
7	20			195				×					ļ							7
8	10			196				<u>×</u>					*							8
9	10					ļ <u>.</u>														9
10	SURF			198				X												10
11	SURF																			11
12	<u></u>	\				The same					- Andrewson -	and the state of t			- Mariana C					12
ı		Inline																-24 m	)	

			(		÷																	
VESS	EL		i	RUISE ID			F	PROJECT &	LEG			CT	D File	eName:					STATION		, 1 A	
OSCA	AR DYSON		<u>C</u>	)Y2410		<del></del>	E	coFOCI Fa	Il Moo	ring							,	<u></u>	<u> 52</u>	-	H1_	
CA		LATITUDE DEG MIN		DEG	NGITUDE MIN		DAY	мо	YR		VIN	DRY BUL		RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	ВОТ	TOM DEP	<b>1</b>	STA. NAM	
0	26	5836.	9 9 N 1	701	6.5	Øw	1 2	SEP	2 4	1 1 5	74	07.	3	098	1007	229	06				70 M 2	
	SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI CONE SEC CONI	SN SN		SBE43-Oxy	(prime) (sec) ometer					REMARKS					SFC/B	ottom Temp.				MAX. C	оертн = 6 ₹6	1
		<b>V</b>																	Re	ecorder	Initials:	
Nis	DEPTH	Rosette Notes		Bottle Numbe		E -		Chloro	п												Comments	Nis
No.			Salt.Btl	Nut.Btl	02.Btl	DIC / AI	LK I	GFF	>1	0 micron V	ol			Flow Cyt	eDNA	PDA	_					No.
-	BOT				344	<u> </u>																
	BOT			199		(X			_						2432				,,			2
3	50			200				X														3
4	40			201				X														4
5	30			202				X														5
6						1									2433	1		·				6
7	_			203				X					1			$\forall$						7
М	10			20닉		<b>†</b>		×														8
	10												1	*	2434	×						
	SURF			205				×		~~~~						<del> </del>						9_
10	SURF			1200		7			╫				$\dashv$			*						10
l i					-	<u> </u>	<u>`</u>		_							<b></b>			÷			11
12				- Salana		- Santanara			-			· · · · · · · · · · · · · · · · · · ·	***************************************	The same of the sa			$\dashv$			<del></del>		12
ı		Inline																			<u></u>	J

VES	SEL .			CRUISE ID			PROJ	CT & LE	EG	CTD Fi	ileName:				STATION NO.		
osc.	AR DYSON	Į.		DY2410			EcoF	OCI Fall N	4ooring						822	HI	
			MIN	LO DEG 1 7 Ø 1	MIN . 5		DAY M	7 7 :	TIME (GMT) /R HR MIN /4 1 3 3 4	DRY BULB (°C)  \$\phi\$ 7.9	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m) 7-3-7	STA. NAME	Z/ID
-	SBE 9÷			FLUOR S/A		,		_	WEATHER OBS:				ttom Temp.	1		DEPTH = 68m	
	PRESS SN			SBE43-Oxy					REMARKS:								
$\overline{}$	PRI TEMP SEC TEMP			SBE43-Oxy				_	************	CT	D only	. X	•••••	•••••	***************************************		
	PRI COND			PAR S/N				_	***************************************			3	***************************************	**********		••••••	
	SEC CONE	O SN		O2 Tmp Se	enson No			-	***************************************	~~~~	•••••						
											~~~~~~~	~~~	***************************************			······································	***********
			·												Recorder	Initials:	
Nis	DEPTH DESIRED	Rosette Not	es Sample Salt.Bt	Bottle Numbe	er O2.Btl	DIC / AL		nloro			 					Comments	Nis
No.		<u>'  </u>	Sait.Bt	i Nuc.Bti	UZ.BU		LK 6	F	>10 micron Vol		Flow Cyt	eDNA					No.
1	BOT			0.5/	*	$\perp X$			***************							**************************************	1
	BOT	<u> </u>		206				,									2
	50	_		207		-	<u>_</u> >			**********							3
	40	_		208							<b></b>						4
-5				209							 						5
6		-		_	<u> </u>												6
7				210	-		X										7
8				211			×				X						8
9						- <del> </del>											9
	SURF			212	-		×	,							•		10
11	SURF				349												11
12					and the same of th		-	Market Ma									12
											<u> </u>						
																	12

VESS	EL			CR	Ruise ID				PROJECT &	LEG			CTD F	ileName:				STATION NO.	<u></u>	
osc/	R DYSOI	<b>\</b>		D,	Y2410	···		E	EcoFOCI Fa	l Moor	ring				1		Ī	12 - / 1	7 /	
(Φ)	NSC ST # 2 8 SBE 9+ PRESS SI PRI TEMP SEC TEM PRI CONI SEC CON	DEG	LATITUDE  MIN  7.3	Ø N 1	DEG  7000  FLUOR S/N  SBE43-Oxy  Transmissor  PAR S/N  O2 Tmp Se	(prime) (sec) meter				YR 2 4	HR )	E (GMT)  MIN  THER OBS:  ARKS:	DRY BULB (°C) Ø 74.9	RH (%) Ø 9 7	<u> </u>	WIND DIRN. (deg) Z 4 8 tom Temp.	WIND SPD. (kts)	MAX. I	STA. NAME  FO M Z G  DEPTH = 66 m	7
																		Recorder		
Nis	DEPTI	_	te Notes		ottle Numbe		DIC / A		Chloro GFF	], 1	1 O min	ron Vol		Flow Cyt	eDNA	PDA			Comments	Nis No.
No.	DESIRE	╣		Salt.Btl	Nut.Btl	02.Btl	<del>                                     </del>		OFF.		TO MILE			Tion eye	CDIA	FOR				
1	Bot	·			e v 3	254	XX								2435			******************		1
2						35			×						2100					3
3					214	<del> </del> -	ļ		<u> </u>										a	4
4		_			215				X	$-\parallel$										5
5	1		ap	-	216	<u> </u>	<u> </u>						<b></b>	·	2436					6
6	3ψ 2ψ				0.3				X	+		···				X				7
7	<b> </b>				217-	<u> </u>	<del> </del>		<u>/~</u>					X		<u>-</u>		**************************************		8
8	, ,	—(	<u></u>		0.0		ļ		<u> </u>	-				+ / ` -	2437	*	$-\parallel$			9
9	C.A.				219	<del>- </del> -	<del> </del>		X						- 101	1				10
10	-	_					Y			_				-		<u> </u>				11
11	SURT													****						12
12					Alleria Company															
		- <del> </del>	Inline									<u></u>							)	

VESS	EL			CRUISE ID			F	ROJECT &	LEG	····		CTD F	ileName:				STATION NO.		
osc/	AR DYSOI	N		DY2410			E	coFOCI Fa	l Moor	ing							539	PHI	
СС СА	DNSC ST # SBE 9+ PRESS SI PRI TEMP SEC TEM	LATITUD DEG MIN 5808.	E	LON DEG  I 6 9 5  FLUOR S/N SBE43-Oxy SBE43-Oxy Transmissor	(prime)	000	DAY 1	MO S E P	YR	TIME (C	MIN 23 R OBS:	DRY BULB  (°C)		Pressure (mb) 1 0 0 7 SFC/Bot	tom Temp.	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME	
	PRI CONI			PAR S/N O2 Tmp Se	nson No												Recorder	Initiats:	
Nis	DEPTH	Rosette Notes	Sample	Bottle Number	r			Chloro										Comments	Nis
No.			Salt-Btl	<del></del>		DIC / AL	LK	GFF	>1	0 micron	Vol		Flow Cyt	eDNA		_			No.
	BOT					X			╗										
1	BOT			120		<del>-</del>													2
2	50			221				2.7	8										
3	40			222				$\mathcal{Z}_{\overline{\ell}}$					-						3
4		/		223		<u> </u>	-	278	╢				<u> </u>						4
5								K10					-						. 5
6				A		1			$+\!\!\!\!\!+$										6
	20			224		<u> </u>		\$78											7
8	·			225				7578					X						8
9	(0					ļ 						*========	-						9
10	SURF	- /		226				<i>£18</i>	_									1 180 1111	10
11	SURF				294														11
12		4									1						10-1		12
											~~~~~		ļ						
		ll 							<u> </u>	_ )		- MARWOOD - W-							1

VES:	SEL		CR	RUISE ID				PROJECT &	& LEG			CTD F	ileName:				STATION NO.		
osc.	AR DYSON		D)	Y2410				EcoFOCI F	all Moor	ing							531	41	
0	ONSC ST #	SN		DEG  Lo 9 4  FLUOR S/N SBE43-Oxy	(prime) (sec) meter		DAY 12	MO S E P	YR	TIME (GMT) HR MIN			RH (%)	Pressure (mb)	WIND DIRN. (deg) 246 tom Temp.	WIND SPD. (kts) ちぬ	BOTTOM DEPTH (m) 70	STA. NAM  70 M 2 4	4
											***********					***************************************			***************************************
																	Recorder	Initials:	
Nis	DEPTH	Rosette Notes	Sample Bo	ottle Numbe	r			Chloro										Comments	Nis
No.	DESIRED		Salt.Btl	Nut.Btl	02.Btl	DIC / A	\LK	GFF	>1	0 micron Vol			Flow Cyt	eDNA	PDA				No.
1	BOT	1										,		2438				-	1
2	BOT	/	78	228	241	メ													2
3	50	1		229				X											3
4	40	/		230		<u> </u>		X											4
5	36	/		231				1											5
6	30	/				·		f~						2439					6
7	20	/		232				~						- (0 )	X				7
8	10	/		233				Ź					X		<u>4</u> \				8
9	10	/						7						2440	X				
10		V		234				X			<b></b>	<b></b>		- 1.0	× ×				9
	5028	7																	10
12	W	ver		2	1	7			大		~	$\overline{}$				1			11
, , ,																			12
1		Inline													······································				

ESSEL			CR	ruise id			PROJEC	T & LEG		CTI	D FileName:				STATION NO.		
SCAR E	DYSON		D'	Y2410			EcoFOC	I Fall Mo	oring	T			1	T			
CONSC	#	LATITUDE EG MIN		LON DEG	NGITUDE MIN	1 0	DAY MO	YR	TIME (GMT) HR MIN	DRY BUL	(%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAMI	
03	3	- 3 : 3 1	5271	693	0 V	40	12 <sub>sE</sub>	P 2 4	11914		98	1007	225		69	70 Mas	3
	3 <b>7   0</b> : E 9+			FLUOR S/N					WEATHER OBS	:		SFC/Bo	ttom Temp.		2.85°c	DEPTH = <b>\</b> m	_
PRE	ESS SN			7	(prime)				REMARKS:		^		TB	57. <del>=</del>	2.85 6		
<del></del> 1	I TEMP SN			7	(sec)				***************************************		دره وري	<u> </u>					
<del></del> 1	c temp si I cond si			PAR S/N	meter												•
	C COND S			=1	nson No				***************************************								
_										*****		***************************************		*********			-
													1		Recorder	Initials:	:
_		Rosette Notes		ottle Numbe		DIC / AL	Cht K GFI		-10 micron Vol		Flow Cyt	eDNA	<b> </b> -			Comments	
10. D	DESIRED		Salt.Btl	Nut.Btl	02.8tl	<u> </u>			TO MICROIT VOI		Tiow cyc	EDIVA			<u> </u>		=
	SOT					<u> </u>											-
_	<u>307</u>			235				n ?									_
3 '	<u>50</u>			236		ļ		6									•
4	40	/		237			27	8									_
5	30	/		238	7		2-	18									
	30	/															
	20	/		239			2.	१४									
─	10	/		840		†	2					<u>'</u>					
9	10										1 2	,					
─ऻ	SURF			241		† <b></b>	27	8							****		•
	suns				239			-3/								-	
		<u> </u>				大											•
12 0			$\overline{}$	+	+						**						-
						<u> </u>		<b>-</b>	, quanting , q								-
1		) Inline				L			}							<u> </u>	_

VES:	EL.		C	Ruise ID				PROJECT &	& LEG			CTD	FileName:					TION NO.		
osc.	AR DYSO	N		)Y2410				EcoFOCI F	ali Moor	ring							5	33	14-1	
СС СА	SBE 9+ PRESS SI PRI TEMP SEC TEM PRI CONI	LATITUDE DEG MIN 5755.		LON DEG	(prime) (sec) meter	0 2	DAY	MO S E P	YR	TIME ( HR	MIN O 7 ER OBS:		RH (%) 97		WIND DIRN. (deg) 224 ttom Temp.	WIND SPD. (kts) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		) C MAX.	M 4 V STA. NAM 70 M2 : DEPTH = 62 m	E/ID
		Te.					·ir			2011								Recorder		
Nis	DEPTH	_		Rottle Numbe	,	DIC ( A		Chloro	1 .	<u> </u>	14.1		m 0 .			$\bot$			Comments	Nis
No.			Salt.Btl	Nut.Btl	02.Btl	DIC / A	LK	GFF	>	0 micron	1 V OI		Flow Cyt	eDNA	PD					No.
1	30													244]						1
2	B01			242	283	X														2
3	50			243				278												3
4	40	<b>-</b>						278												4
5	30			244				275							, , , , , , , , , , , , , , , , , , , ,	_ -				
6	30													2442						5 6
7	20	) /		246				278							X			-		7
8	10			247				ลาช	{				X							8
9	10	V		,									7	a443	X					9
10	Sulf	- /	-	248				278							×					10
11	Sur	( V																		11
12	U		1					~~_			1		2000				~			12
																	· ur			'-
1		Inline								_ )		# <b>***</b>						/	<u>)                                    </u>	

VESS	EL		CRU	JISE ID			PROJECT &	& LEG		CTD	FileName:				STATION NO.	111	
OSC.A	R DYSO		DY	2410		<u>.</u>	EcoFOCI F	all Moo	ring			I			534	<u> </u>	
	NSC ST#	LATITUDE		LON	IGITUDE				TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ DEPTH	STA. NAME	/ID
		DEG MIN		DEG	MIN	DA	Y MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	1 1 1	-
0	33	5752.3	521	685	3.5	3 6 1	2 SEP	2 4	2204		98	1007	215	9,8	7//	M 4	
	SBE 9+	J: 1   D   10   1   P		FLUOR S/N	· · · ·	3.4.1.4.			WEATHER OBS			SFC/Bo	ttom Temp.			DEPTH = 67 m	
	PRESS SI			SBE43-Oxy	(prime)				REMARKS:			<b>4</b> 8484777			**************************************		
	PRI TEMP	SN		SBE43-Oxy	(sec)						CID e	whi		manuel l			
	SEC TEM			18	meter				Ns		077	wily Sueface	_ <u>'CC'</u> _		ell mixad		
	PRI CONI			PAR S/N					***************************************	715.1002							
H	SEC CON	D SN		IOZ IMP Sei	nson No	<del></del>			~~~~			~~~	*****				
H									***************************************	***************************************	~~~~						
															Recorder	Initials:	
Nis	DEPTH	Rosette Notes	Sample Bo	ttle Numbe	r		Chloro	)								Comments	Nis
No.	DESIRE	D	Salt.Btl	Nut.Btl	02.Btl	DIC / ALK	GFF	>	10 micron Vol		Flow Cyt	eDNA					No.
,	BOT	W				Χ											1
2	130T	11		249				,									2
3				250			278	?									3
4	40			251			278	II.									4
5	30			252			278	)									5
6	30	<b>/</b>															6
7	20	/		253			278										7
8	10			254			275	?			1×				180 H H 10		8
9	10	) V				ļ											9
10	SUN	- /	79	255			278	5						_			10
11	500	4/		ļ	345											 %	11
12		<u> </u>				-			And the second s		1		1				12
					5.	ļ		<b> </b> -									<b> </b>
1		) Inline															

VESSE	-			CRUISE ID			PROJECT &	LEG			CTD Fil	leName:				STATION NO.	5 141	
OSCAI	DYSON			DY2410			EcoFOCI Fa	ll Moo	oring	1					<u> </u>			
CON	Γ#	LATITUDE			GITUDE	T DA	AY MO	YR	-	(GMT)	DRY BULB	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME	E/ID
		DEG MIN		DEG 1684	MIN 2 C 1		2 S E P			<del>\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ </del>		97	1007	201	30 mm	70	MHN	
		804.	0 - N	<del>                                     </del>	2 . 5	w l	S E P	2 : 4		IER OBS:		1 : "} "	1	ttom Temp.	1 1 8 1		DEPTH = 66 m	
	BE 9+			FLUOR S/N	 (prime)					RKS:								
	RESS SN RI TEMP	•		<del></del>	(sec)						CTD	/B02	10	***************************************				
	EC TEMP			11	meter					***********			J		************		***************************************	
	RI COND			PAR S/N						~~~	***************************************		~~~~~					**********
	SEC CON	) SN		O2 Tmp Se	nson No		_		••••	************		~~~			******			
H																		
																Record	er Initials:	
H														1			Comments	
Nis	DEPTH	Rosette Notes	Sampl	e Bottle Numbe	er		Chloro										Comments	Nis
No.	DESIRE		Salt.B	t <b>i</b> Nut.Btl	O2.Btl	DIC / ALK	GFF	<u> </u>	10 micro	on Vol		Flow Cyt	eDNA	PD	64 L		<del> </del>	No.
1	507	. /																11
2	Bo	7	_	256	358	Х						-		<u> </u>				2
3	50	1		257			278											3
4	40	/		258			273	2										4
5	30	1		259			278	3										5
6	30																	6
7	೩୧	) V		260			279											7
8	10	1		261	1		278					X						8
9	10																	9
10	Son	-/		262			275	3						_				10
11	SURF								<u>-</u>					-				11
12	V			~~		~	$\Delta \Delta$	4	$\triangle$	$\overline{}$		1		1			and the state of t	12
														_				
		Inline															)	
<u> </u>	<u>, ——</u>	111111111111111111111111111111111111111				v				_								

VES	SEL		CF	Ruise ID			PROJECT	& LEG		CTD F	ileName:				STATION NO.		
osc	AR DYSON	I	D	Y2410			EcoFOCI	Fall Moor	ing						5 3	6 H1	
0	SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI COND	SNSN		FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisson PAR S/N	(prime) (sec) meter	DA	3 S E P	YR 2 4	WEATHER OBS	Č	RH (%) (%) 97		ttom Temp.	WIND SPD. (kts)		STA. NAME	
	DEPELL		Tot. p				Chler				<u></u>			<del></del>	Recorder		11
Nis No.	DEPTH DESIRE	<b>-</b>	Sample B	ottle Numbe Nut.Btl	O2.Btl	DIC / ALK	Chlore GFF		0 micron Vol		Flow Cyt	eDNA				Comments	Nis No.
		<b>'</b>	Juit. Ju	, ac. be	OLIDE!	X			- TIMOTOTI T CI			CDTCA					
2	BOT BOT			263		·											2
3	50	<b>V</b>		264			278										3
4	<u></u> ५०	1/		865			279	1							<b></b>	***************************************	4
5	30			266			279										5
6	30	\(\sigma\)	-	1 2 2 4		<b>+</b>					- <b></b>				·		6
7	20			267			279	3							at 11.		7
8				268	<u> </u>		27				X						8
9	10										×						9
10	Sixon	= /	1	2199	<b>†</b>		27	8									10
11	SUNG	- /			312												11
12	V				And the second second	· Name of the second		÷					William Control	-1			12
					•												
		Inline														<u>)                                    </u>	1

VESS	EL.		CRU	JISE ID				PROJECT 8	LEG	-	·	CTD Fi	leName:				STATION NO.		
osc	AR DYSOL	<u> </u>	DY	′2410				EcoFOCI Fa	all Moor	ring						1	5 37	H	
CA	SBE 9+ PRESS SI PRI TEMP SEC TEM PRI CONI	SN SN SN	6 N I	FLUOR S/N SBE43-Oxy Transmissor PAR S/N O2 Tmp Sei	(prime) (sec) meter				YR 2 4	WEATH	(GMT) MIN 2 8 HER OBS:				WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH  (m)  MAX.	STA. NAME  M4S  DEPTH = 65 m	:
													·-	l l		<u> </u>	Recorder		
Nis	DEPTH			ottle Number Nut.Btl	O2.Btl	DIC / A		Chloro GFF		0 micro	n Vol	IFCR	Flow Cyt	eDNA	AGQ			Comments	Nis No.
No.	DESIRE		Salt.Btl	NUL.BU	טב.מנו	1		GFF	#	0 1100101	ii V UI	17~8			VUM	_			
1		li .			00:1	<u>X</u>	· 							2444					1
2		<u> </u>	80	270	284				_										2
3	<u>50</u>			371		ļ		278	- 11				<u> </u>						3
4	40			272		ļ		278					<u> </u>				<del>.</del> .		4
5	30			273	<b></b>			2-7	8	<del></del>									5
6	30	,												2445					6
7	50			274				278					X		X				7
8	10			275				278	<i>"</i> >			~	X						8
9	10	>												2446	X				9
10	1			276	<b>+</b>			278	\$			X	X		X				10
	Sur		1	W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		X													11
	1										~ <i>/</i>	~~	<b>九</b> フ						12
12																			
	<b></b>	Inline							- <b></b>		 }						, grant		
1	<u></u> }	<del></del>			<u> </u>	<u>-</u>				_	<del>/                                    </del>				<u> </u>		· (,	$\mathcal{I}$	

VESS	EL		CRI	uise id			T.	PROJECT 8	& LEG		CTD Fi	leName:				STATION NO.	y -11 :	
OSCA	R DYSO	N	DY	<u> </u>			<u> </u>	coFOCI F	all Moor	ing					,	5 38	HI	
CAS	NSC ST # SBE 9+ PRESS SI PRI TEMP SEC TEM PRI CONI	N	8 N 1	FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisson PAR S/N	(prime) (sec) meter				YR 2 4	TIME (GMT) HR MIN O 627 WEATHER OBS: REMARKS:		RH (%) 9 8	SFC/Bot	WIND DIRN. (deg) I G O	WIND SPD. (kts)	<del></del>	STA. NAME	3
	DERT		I Consulta Da			18044		Chloro				T				Recorder	Initials:	Nis
Nis No.	DEPTH		Sample Bo	Nut.Btl		DIC / A	ALK	GFF		0 micron Vol		Flow Cyt	eDNA				Commence	No.
INO.			Sarc. Da	Tida:Ba		5.07.							2447		<del></del>			
1	1301						, /					-	0.717					1
2	130T		<u> </u>	277		<u> </u>	<u>(X</u>	5.7				<u> </u>		<del></del>	-			2
3	50			018				<u> </u>				<b>.</b>						3
4	40			279				<u> </u>	_									4
5	30	<b>)</b>		280				X										5
6	30	ll .											રમપજ					6
7	20			281				X						X				7
8	10			282				X	<del> </del>	<b></b>								8
9	I D				<u> </u>			,					2449	X				9
		·		283	<u> </u>	<u>-</u>		×				<b>-</b>		×				10
10	500			1 <u>~D)</u>	107				$\dashv$									
11					15						1							11
12	$\vdash$		1											$\vdash$				12
$\parallel$	<u></u>				<u> </u>													
		Inline						<u></u>		_ )		<u>j</u>					)——	1

VES:	EL	1"	19	CRUISE ID				PROJECT (	& LEG			CTD F	ileName:				STATION NO.	_ 1	
osc.	AR DYSOI			DY2410				EcoFOCI F	all Moo	ring							S39	H1	
		<del>.</del>																	
l co	NSC														WIND	MAND			
	ST #	LATITUDE		LOI	NGITUDE					TIME	(GMT)	DRY BULB	RH	Pressure	DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME	E/ID
	-	DEG MIN		DEG	MIN	$\Box$	DAY	МО	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
Ħ	38	5731	27 N	1681	8 3	21 <sub>w</sub>	13	SEP	2 4	08	00	8 6	98	1007	165	13	71.82	70 H I	-
	SBE 9+			FLUOR S/N		1 ( 1 1	i}	<u> </u>		•	ER OBS:	: 3 * 5	1 : 3	SFC/Bo	ttom Temp.			DEPTH=66m	
	PRESS SN			SBE43-Oxy						REMAR		***************************************					10000	3 <u>2. (11</u>	
	PRI TEMP	SN		SBE43-Oxy						*****			****************		~~~~~~		***************************************	************************	
	SEC TEM	SN		Transmisso	meter							С	TD OF	nly			~~~~		
	PRI CONE			PAR S/N	_			<u></u>		*****				······	*************		***************************************	~~~	*********
H	SEC CON	) SN		O2 Tmp Se	nson No					*****	*********	•••••					***************************************		
										*****	************		••••••	***************************************				~~~~	
																	Recorder	Initials:	
		16				·	Tr						7						
Nis		_	_	Bottle Numbe				Chloro					ļ_,					Comments	Nis
No.		<del></del>	Salt.Btl	Nut.Btl	02.Btl	DIC / AI	┿	GFF	>1	0 micror	n Voi		Flow Cyt	eDNA					No.
1	BOT					メイ												***	1
2	BOT			285	243														2
3	54			286				入									***		3
4				287				大				**************************************	<u> </u>						4
	30			288				×											
	3 <i>0</i>			<del></del>															5
	20			289				X	_									•	6
	10			29¢				<u>X</u>											7
	10			, ,									X			$-\parallel$			8
1 1				291	<b> </b>			Χ					<b></b>				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		9
	surf Surf					×			$-\parallel$										10
	· · · · · · · · · · · · · · · · · · ·									~~~~									11
12			Mary Company				Constitution of the consti	-450000	and a	A STATE OF THE STA									12
						·							<b> </b>						_
ı		Inline									)		<u></u>				, managaran		
	***	and the same of th			•												1 Application	/	

VESSEL			CF	Ruise ID	7		· ·	PROJECT (	& LEG		CTD	FileName:				STATION NO.	· · · · · · · · · · · · · · · · · · ·	
OSCAR DY	SON		D	Y2410				EcoFOCI F	all Moor	ing						549	0 41	
SEC T	DEG 7 5 7	LATITUDE MIN		DEG  6 7 5  FLUOR S/N  SBE43-Oxy  SBE43-Oxy	(prime) (sec) meter				YR 2 4	TIME (GMT) HR MIN O 9 1 9 WEATHER OBS:		RH (%) 7 9 7 D/Bon		WIND DIRN. (deg) 1 9 5	WIND SPD. (kts)		DEPTH = 6 lom	
	31						u									Recorder		
<b>∄</b> ⊩—		sette Notes		ottle Numbe				Chloro				 		-~-			Comments	Nis
┝┼	SIRED		Salt.Btl	Nut.Btl	O2.Btl	DIC / A		GFF	<u>                                      </u>	0 micron Vol		Flow Cyt	eDNA	pDA				No.
	01					<u> </u>					.=====		2450				**************************************	1
2 B	01			292												800-100	<u>.</u>	2
3 5	0			293				<u> </u>										3
4 4	$\phi$			294				X										4
5 3	$\dot{\phi}$			295				X										5
	6					<u> </u>						<u> </u>	2451					6
<del>  </del>	0			296		""		V						×				7
8	0			297	<u> </u>			X				<del>  X</del>		}				8
9				- 1 1				7.5	$\dashv$			1 / 3	2452	×			· · · · · · · · · · · · · · · · · · ·	9
10 555				7.98		×	,	<u>-</u>			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							10
	RF			12.10	100									*		A STATE OF THE STA		11
12	7						\		1		-	10						12
			T													31.11.7 <b>-</b>		1.5
		Inline														, , , , , , , , , , , , , , , , , , ,	)	ı

VESS	EL	- 3.470- mile-	CR	RUISE ID				PROJECT 8	LEG			CTD F	ileName:				STATION NO.		
OSCA	R DYSON		ים	Y2410				EcoFOCI F	all Moor	ing							541	+	
φ 	NSC ST # SBE 9+ PRESS SN PRI TEMP S SEC TEMP PRI COND SEC COND	SNSN		DEG  6 7 4  FLUOR S/N SBE43-Oxy SBE43-Oxy	(prime) (sec) meter				YR 2 4	HR N Ø	IER OBS:	DRY BULB (°C)  Ø8.6	RH (%)	Pressure (mb)  I Ø Ø 8  SFC/Bot	WIND DIRN. (deg)  Z. 1 6 ktorn Temp.	WIND SPD. (kts)	BOTTOM DEPTH  (m)  AAX.1	STA. NAME  70 M 1 5  DEPTH = 67 m	
	DEPTH	Rosette Notes	Comple D	ottie Numbe				Chloro					1				Recorder	Initials:	
Nis	DESIRED		Sample Bo	Nut.Btl	O2.Btl	DIC / A	ıv	GFF	L 1	0 micro	yn Vol		Flow Cyt	eDNA				Comments	Nis
No.			Sait. Sti	NUC.BU	02.60	<del>                                      </del>		GFF		O IIIICIC	JI V OI		I low cyt	eDNA.				•	No.
1	BOT		ļ			X	<u> </u>						<b>-</b>						1
2	BOT			299	119														2
3	50			300				X											3
4	40	1		3 01				X											4
	30			342				X											
5			-	1240		· <del> </del>							-						5
6	30		-	0.0				.,					<u> </u>						6
7	20		<u> </u>	303		<u> </u>		X					<u> </u>						7
8	10			304				X	_ _				X						8
9	1 Ø																		9
10	SURF			305				×											10
	SUR F					· ×	$\overline{}$												11
	1		-	-		<b>大</b>		~ ~											1
12				1					$\dashv$	<u>~~~</u>									12
Н						<del> </del>													
		Inline									)								

V.5005								,						•		/
VESSEL			CRUISE ID			PROJECT &	LEG		CTD F	ileName:				STATION NO.	7	
DSCAR DYSC	NN		DY2410			EcoFOCi Fa	all Moorin	9						542	· 11 \	
CONSC CAST #	LATITUDE		10	NGITUDE				The (old)					WIND			
CA31 #	DEG MIN		DEG	MIN	DA	у мо	YR	TIME (GMT) HR MIN	DRY BULB (°C)	RH (%)	Pressure (mb)		SPD.	BOTTOM DEPTH	STA. NAM	E/ID
Ø 4 1		94 <sub>N</sub>		0.5	<del>,                                    </del>	3 s E P	_, +	214	: 5 3		1009		(kts)	(m) 71,47	74 M 1 4	1
SBE 9+			FLUOR S/N					VEATHER OBS	<u>5:</u>		SFC/Bo	ttom Temp.		MAX.	DEPTH = 67 m	
PRESS S			SBE 43-Oxy	·			R	EMARKS:			**				***************************************	
SEC TEN					•			***************************************		JD/B0	DWO	~~~~	**********	***************************************	~~~	
PRI CON	D SN		PAR S/N					***************************************	~~~~				********	***************************************		***********
SEC CON	ID SN		O2 Tmp Se	enson No		<del>.</del>		***************************************	***************************************				********			
_									***************************************	***************************************	***************************************		*********	***************************************		
														Recorde	r Initials:	
lis DEPT1	Rosette Notes	Sample	Bottle Numbe	r		Chloro									Comments	Nis
lo. DESIRE	D	Salt.Btl	Nut.Btl	O2.Btl	DIC / ALK	GFF	>10	micron Vol		Flow Cyt	eDNA	PDA				No.
1 FOT	-				XX						E2453					1
2 80			307										-	/		2
3 5Q	2		348			X							╫			3
4 44	)		309			X							<b></b> -			
5 3 V	_		310				-						╫	,		4
6 3 V				<b></b>		[					EZ454		┨			5
7 20			311			X					2751		╫			6
8 \ 1			312						<b></b>	X		<u> </u>	<del></del> -			7
9 1 0										_ ^	E2455	X				8
10 SURF		·	313	294		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\							- <b>-</b>			9
11 SURF			17.7	U7 1	X	<u> </u>	-					*	╂─			10
	<b>h</b> ~					1	1					<u></u>	<b></b> -		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	11
12 L		1					1						-			12
<b></b>													<b></b>			
	Inline							)							)	

VES:	SEL.			CR	UISE ID				PROJECT 8	& LEG			CTD F	ileName:				STATION NO.		
osc.	AR DYSO	N		D,	Y2410				EcoFOCI F	all Moor	ing							S43	<u> </u>	
CΔ Φ	ONSC ST #	DEG   5 7 3 1	TUDE		DEG 6 7 0 FLUOR S/N SBE43-0xy	(prime)	6 w		MO S E P		TIME ( HR ) 3	MIN 4 7 ER OBS:	DRY BULB (°C) $\phi$ 8, 3		SFC/Bo	WIND DIRN. (deg) Z 5 Z	WIND SPD. (kts)		STA. NAME FO M 13 DEPTH =66 m	
	PRI TEMF SEC TEM PRI CONI SEC CON	P SN D SN D SN	tor	1	SBE43-Oxy Transmisso PAR S/N O2 Tmp Se	meter			•					CTD	ONLY			Recorder		
Nis No.	DESIRE				,	O2.Btl	DIC / A	ı.K	GFF	>10	0 micron	ı Val		Flow Cyt	eDNA	/			Comments	Nis No.
	Bot	-					X	<del></del>	<u></u>						CDIVI					
1		1			314	2.4.		<u> </u>												1
2						- 11			\	$-\parallel$										2
3	50				315				<u>X</u>				<b></b>			.=====				3
4	20				316				<u>X</u> X	_										4
5	30				317								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							5
6	30				210															6
7	20				318				X				·							7
	·				<u>フ! /</u>				X				-	X						8
9	1φ																			9
10	SURF				320				X	_							_			10
	SURF						X	<u> </u>						ļ				w		. 11
12	-	11	14				-		<u> </u>		4		$\mathcal{N}$			1_	<u> </u>			12
																<b></b>				.
		Inline			` `						_ )								<u> </u>	

VES	SEL		CR	UISE ID			PROJECT 8	LEG	7/	CTD	ileName:				STATION NO.	· · · · · · · · · · · · · · · · · · ·	
osc.	AR DYSO	N	D)	Y2410			EcoFOCI Fa	all Moor	ring				10.100		544	H ]	
CA Ø		SN	7 <sub>N</sub> 1	G G 4 FLUOR S/N SBE43-Oxy SBE43-Oxy	(prime) (sec) meter	DAY 1 3		YR 2 4	TIME (GMT) HR MIN 1 5 Ø 1 WEATHER OBS:	DRY BULB (°C)	F:/ 8'	Pressure (mb)  I G I G SFC/Bot		WIND SPD. (kts)	MAX. I	STA. NAME	2
															Recorder	Initials:	
Nis	DEPTH			ottle Number		DIO ( ALIX	Chloro	- II -						_		Comments	Nis
No.	DESIRE		Salt.Btl	Nut.Btl	O2.Btl	DIC / ALK	GFF	<u>  &gt; 1                                  </u>	0 micron Vol		Flow Cyt	eDNA		_ _			No.
1	BUT				 	$\times \times$		· <b></b>				_ / " (					1
2	B07			321				_ _				2457					2
3	50			322			X										3
4	40			323			X										4
5	30			324			X										5
6	30		T									2458					6
7	20			325			X						X				
8	ΙØ			326			X				X						7
9	[φ											2459	×				8
	SURF			327	267		X					- 10-1	^_				9
	SURF			1		X		-					~				10
	1 /	1									and the state of t						11
12								-									12
																	$\parallel \parallel$
		Inline														)	,

VESSEL.			ICRI	ise id			PROJECT &	LEG		CTD F	ileName:				STATION NO.		
	CON			2410			EcoFOCI Fa		nna						545	HI	
OSCAR DYS	SUN			<u> </u>			JEGG OCITE	11 14100									
											1		WIND	WIND			
CONSC CAST #		LATITUDE		LON	IGITUDE				TIME (GMT)	DRY BULB	RH	Pressure	DIRN.	SPD.	воттом рертн	STA. NAME	/ID
	DEG	MIN		DEG	MIN	<del> </del>	AY MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
044	157	26.2=	2 6 1	663	0.8	131	3 S E P	2 4	1634		98	1011	259	15	68	70 M 1 1	
SBE 9-		<u> </u>	II	FLUOR S/N			· · · · · · · · · · · · · · · · · · ·		WEATHER OBS			SFC/Bo	ttom Temp.	TBOT	= 4.5°C MAX.	DEPTH = 104 m	
PRESS	S SN			SBE43-Oxy	(prime)				REMARKS:				***************	•••••			
	EMP SN			SBE43-Oxy					***************************************	<i>C</i>	1D ON	<del></del>					
	TEMP SN OND SN			Transmissor PAR S/N	meter				***************************************	·····							
	COND SN			O2 Tmp Sei	nson No				***************************************		~~~						
				•							~~~~		***************************************		·····		
															Recorde	r Initials:	
	lla			tala Niveriae			Chloro	<u> </u>			T					Comments	Nis
Nis DEP	SIRED			ttle Numbei Nut.Btl	O2.Btl	DIC / ALI		>1	0 micron Vol		Flow Cyt	eDNA				Commence	No.
No. DESI			aic.oti	Nuc.bu	02.50	DIO 7 AU	<u> </u>	1			T	CDIVI			-		╁
<b>├</b> ─	{}	<u> </u>				<b></b>											╂╢
2 B	07,			328	283	X.							<u> </u>				2
3 5	0 0			329			<u> </u>										3
4 4 (	() V	/		330			X										4
7	i i	/		331			X										5
7	<u> </u>	/				<del> </del>					-		l				
<del></del>		/		フタフ		-	T <sub>X</sub>										6
7 2 (	Ø 1	/		332	<b></b>					<b> </b>	<u> </u>		<b> </b>		<u> </u>		. 7
EI II .		/				1	11 1/2	11			X		1				8
8 / 9				333			<u> </u>	_		· ·	<del>                                     </del>					<del></del>	_
				333			<i>Y</i> .										9
9 ( 4	Ø																
9 ( g	Ø ·	/	81	333 334			× ×										10
9 ( g 10 5 V R 11 5 V R	Ø ·																10
9 ( g	Ø ·																10
9 ( g 10 5 V R 11 5 V R	Ø ·																10
9 ( g 10 5 V R 11 5 V R	Ø ·															)	10

VESS	EL.		CF	Ruise ID			Pi	ROJECT &	LEG			CTD F	ileName:				STATION NO		
osc	AR DYSOI	V	D	Y2410			E	coFOCI Fa	ll Moor	ing							546	. H(	
CA	SBE 9+ PRESS SI PRI TEMP SEC TEM PRI CONI	SN PSN SN	1 4 9 1	DEG  L L 1  FLUOR S/N SBE43-Oxy SBE43-Oxy	(sec)	26			ll l		MIN 33 ER OBS:		RH (%)	SFC/Bot	WIND DIRN. (deg) 253 tom Temp.	WIND SPD. (kts)		STA. NAM  STA. NAM  STA. NAM	0
																	Recor	der Initials:	
Nis	DEPTH			ottle Number			_	Chloro			- 1							Comments	Nis
No.	DESIRE	D	Salt.Btl	Nut.Btl	02.Btl	DIC / ALI	K	GFF	>10	0 micror	n Vol		Flow Cyt	eDNA	PDA				No.
1	BOT												ļ	2460					. 1
2	300			335		X			_						<i>_</i>			10=110	2
3	50	<u> </u>		334				278					ļ						3
4	40			337				278							,				4
5	30	) /		338				278	, }										5
6	30	) <b>/</b>												2461					6
7	30	> /		339				278	,						X				7
8	10	· /		340				278					X						8
9	10	/												2462	×				9
	SUTTE	/		341	344			278	>						×				10
	500															1	-EAKY		11
12	N		11	力へ	1~	1	1	しへ	,	- \	1	1	- 0.11			1			12
ı		Inline																	

VESSI	-L			CRUISE ID			PROJECT &	& LEG		CTD F	ileName:				STATION NO.		
OSCA	R DYSON	j		DY2410			EcoFOCI F	all Moor	ring						54	7 41	
CO CAS	NSC ST #	DEG N	JDE 111N 267	DEG    U U C    FLUOR S/N   SBE 43-Oxy   SBE 43-Oxy   Transmisso   PAR S/N	(prime) (sec) meter	13,		YR 2 4	TIME (GMT) HR MIN 1923 WEATHER OBS. REMARKS:		RH (%) (%) 7	SFC/Bo	WIND DIRN. (deg)  235  ttom Temp.	WIND SPD. (kts)		STA. NAM  TO MO  C DEPTH = 3 m	7
	prorii	In	- Consoli	Pattle Number			Chloro						1		Record	ler Initials:  Comments	Nis
Nis No.	DEPTH DESIRE		Salt.Bt	Bottle Numbe	O2.Btl	DIC / ALK			0 micron Vol		Flow Cyt	eDNA					No.
NO.			Jan. Bu	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							†					******	1
1	BOT			n : n	4.10												
2_	30	1		342	349	X		_						$-\parallel$			2
3	<u>50</u>	1		343			278										3
4	40			344	-1		278										4
5	<u>30</u>			345	- <del> </del> -	-	277	5									5_
6	30	. /						_									6
7	20	)		346	<u></u>		278								,		7
8	10			347			an <sup>c</sup>	Š			17						8
9	10	/															9
10	SVLG	1		348			279	5									10
11	5VE	· /		****											Maseroannound de 2000		11
12	1/			1/		<b>\</b>				4/							12
'-				<del>\\</del>													
-		Inline			- <del> </del> -												

VESS	EL.		CR	uise ID			PROJECT 8	LEG		CTD F	ileName:				STATION NO.	· 11 /	
osc/	AR DYSO	١	DA	<u> 72410 </u>			EcoFOCI Fa	all Moor	ring					ı .	548	K H (	
	NSC ST #	LATITUDE			NGITUDE		l		TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME.	/ID
	. {	DEG MIN	<del>,</del>	DEG .	MIN	<del>-   .  </del>	AY MO	YR !	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
		5716.8	/ N /	105 H		7 W 1	3 S E P	2 4		·	96	1010	210	10		70 M 08	
$\overline{}$	SBE 9+ PRESS SI			FLUOR S/N SBE43-Oxy			···-		WEATHER OBS:			SFC/Bot	ttom Temp.	••••••	IMAX.	DEPTH = 02 m	
	PRI TEMP	<u> </u>		SBE 43-Oxy	· ·					۲۵ (	D/Bor	170	***************************************			***************************************	
	SEC TEM	? SN		ור	meter				***************************************			7	*******	******			
	PRI CONI			PAR S/N O2 Tmp Se						***************************************	***************************************		***************				
	SEC CON	D SN		∐OZ TIND Se	IISOII NO				***************************************	·····			~~~				
Щ																	
H															Recorde	· Initials:	
		TIG	lo l. D.				Chloro				1					Comments	1.:.
Nis No.	DEPTH			ottle Numbe Nut.Btl		DIC / ALK		>1	0 micron Vol		Flow Cyt	eDNA	PDA		· · · · · · · · · · · · · · · · · · ·	Comments	Nis No.
$\vdash$				Tidel Del							1 -	2463					
	BOT BOT		82	349		×					}	(X-102)					1
2			00	350			278							$\dashv$			2
3	, ,		<b> </b>				278				-						3
4				351										$\dashv$			4
5		11		352			278										5
6								_			-	2464		$\dashv$			6
7	20	/		353		ļ	278						<u> </u>				7
8	10	/		354			279	8			X						8
9	10			<b></b>		ļ						2465	X				9
10	500	F / ,		355			278						X				10
И	SUR				354												11
12	N													ئىيد رى	The second secon	1	12
1		Inline													we h	1	

VESS	EL		CR	RUISE ID			I	PROJECT &	LEG			CTD F	leName:				STATION NO.		
OSC/	AR DYSOI		D,	Y2410				EcoFOCI Fa	II Moo	oring			<del></del>			<u> </u>	S 49	H1	
	INSC ST #	LATITUDE		LON	GITUDE					TIME	(GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME	/ID
	\$	DEG MIN		DEG	MIN		DAY	МО	YR :	HR	<del></del>	(°C)	(%)	(mb)	(deg)	(kts)	(m)	<u> </u>	+
0	48	5706.5	791	653	6 (e	00	13	SEP	2 4	122	٦ ١ ١		93	1012	197	1 (	7p	70 MO7	
	SBE 9+			FLUOR S/N		`,					HER OBS:			SFC/Bot	ttom Temp.		MAX	DEPTH = 66 m	
	PRESS SI			SBE43-Oxy						REMA	RKS:	******************		***************************************					
$\equiv$	PRI TEMP			SBE43-Oxy						***			محتک	<u> </u>		***********		***************************************	
	SEC TEM			Transmissor PAR S/N	neter					•••		<b></b>							
$\overline{}$	SEC CON			O2 Tmp Ser	nson No					^^^						**********			
		-		=1									~~~~~		***********		***************************************	~~~~~~	
	ŀ																		
H																	Recorde	r Initials:	
							<del></del>									<del></del>		Commonts	1
Nis	DEPTH	<u> </u>		ottle Number	,	Ino ( )		Chloro	1. 1	10:		1	Flow Cyt					Comments	Nis
No.	DESIRE	D	Salt.Btl	Nut.Bti	O2.Btl	DIC / A	NLK	GFF	>	10 micr	On VOI		Flow Cyt	eDNA					No.
1	1301					ļ													
2	Bo	- /		357	-239	X			_										2
3	50	/		35%				278											3
4		/		359				278	,										4
5		/		360	"			279	?										5
6	30						<b></b>												6
7				36(				278	?										7
8	<b> </b>	1/		362	<del> </del>	<b> </b>	<del>-</del>	278	1										8
	10	1/						2.2											9
9	ļ	=		363	ļ	·		278	; <del> </del>				<b></b>						10
10		_		J@ <u></u>	1			5 (8								$-\parallel$			
11	Sur					<u> </u>					~		1-						11
12						1			4	The same of the sa	. O. Sandan				***************************************		•	•	12
	<u> </u>					ļ							<b>_</b>						
1		Inline									<u>)                                     </u>							)	

VESS										LEG		ľ	CTD Fil	leName:				S	FATION NO.		
OSC/	AR DYSOI	N		D,	Y2410				EcoFOCI Fa	ll Moor	ing	<u> </u>		1			T			0 41	
	NSC ST #		ATITUDE		LO DEG	NGITUDE MIN		DAY	мо	YR	TIME (GMT)	DRY B		RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTT	OM DEPTH	STA. NAM	IE/ID
		DEG .	9.8			12 3	42	<del></del>	S E P		2330		,	92	1011	198	1 3	5 5		-70 \ 0 /	,
- H		7 95	11.0	N '	<del>/                                    </del>		' w	101	S E P	2   4		<del></del>	-	100		· · · · · · · · · · · · · · · · · · ·	١ -	<u> </u>		70 M 0 ( CDEPTH = 67 m	
$\overline{}$	SBE 9+ PRESS SN	 N			FLUOR S/N SBE43-Oxy						WEATHER OBS	); 	**********		SFC/B0	ttom Temp.	••••••		IWIA	יוו לישה בוווים מיי	
	PRI TEMP				7	/ (sec)					***************************************		*********	CTD/	Bonzo						
	SEC TEM				7	ometer					***************************************			***************************************							
_	PRI CONE SEC CON				PAR S/N O2 Tmp Se	enson No	- 0				************				***************************************			*************		***********	
											************			**********							••••
Н																					
																			Record	er Initials:	
Nis	DEPTH	Rosette	Notes	Sample B	ottle Numbe	er			Chloro											Comments	Nis
No.	DESIRE	D		Salt.Btl	Nut.Btl	02.Btl	DIC / A	\LK	GFF	>1	0 micron Vol			Flow Cyt	eDNA	PDA	4				No.
1	Bot	/												, ,	246le						1
2	BOT				364		X														2
3	50	<b>V</b>			365				278									in' indo park into this No. 200 and and an electric state of			3
4	40				Blelo	•			278											•	4
5	30	~			367				278												5
6	30	/													2467						6
7	20				368				218							X					7
8	16	1		<b></b>	369				218					$\times$			_ _				8
9	10	1													2468	X					9
	300	7 /			370				278							X					10
	5,500	. 1				242															11
12				1	1						1	_				<u></u>			au 1		12
			ne																		1

VESS	EL.		······································	CR	ruise ID				PROJECT &	LEG		CTD	ileName:		T		STATION NO.	11.	
osc/	AR DYSO	N.		ים	Y2410	·			EcoFOCI Fa	II Moor	ing		1				100	#1	
	NSC ST #	· ·	ITUDE			IGITUDE					TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ ДЕРТН	STA. NAME	:/ID
<del>                                     </del>	{	DEG .	MIN		DEG	MIN	00	DAY	MO	YR :	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
0	50	5651	. 6	le N /	650	7 . 0	9 W	14	S E P	2 4	01117		92	1009	193	18		76 MO5	<u> </u>
	SBE 9+				FLUOR S/N						WEATHER OBS:			SFC/Bot	ttom Temp.		MAX.	<u> DEPTH =69 m</u>	
$\overline{}$	PRESS SI PRI TEMP				SBE43-Oxy	(prime) (sec)					REMARKS:	***************************************	CTD	02W		*******	***************************************	***************************************	•••••
	SEC TEM				Transmissor									<del>-</del>	***************************************	************	***************************************		
	PRI CONI	) SN			PAR S/N												***************************************	***************************************	
	SEC CON	D SN			O2 Tmp Se	nson No					•••••			······································		***********			
											***************************************	~~~~		***************************************	*****************		***************************************	***************************************	
																	Recorde	r Initials:	
Nis	DEPTH	Rosette No	otes S	Sample Bo	ottle Numbe	г			Chloro									Comments	Nis
No.	DESIRE	D	s	Salt.Btl	Nut.Btl	O2.Btl	DIC / A	ALK	GFF	>1	0 micron Vol		Flow Cyt	eDNA					No.
1	BOT																	· • • • • • • • • • • • • • • • • • • •	1
2	Bo				371	290	>	<b>K</b>											2
3	50	//			372	<b>+</b> =			278	<u> </u>									3
4	40	~			373				278	?									4
5	30				374				278	<u>'                                    </u>									5
6	30	<b>√</b>																	6
7	20	/			375				278	<u> </u>							·	~~~~~~~~~	7
8	10	/			376				278	,			X						8
9	10	/							~~~~~~										9
10	Sym				377				279										10
	Gm m Q																		11
12	. ,		,						-	-		The state of the s	\				And there is no second		12
ı		Inline															, com	)	1

VES	EL.		ČR	UISE ID				PROJECT &	LEG		1	CTD Fil	eName:				STATION NO.		
osc	AR DYSOI	١	D)	(2410				EcoFOCI Fa	II Moor	ing							552	++(	
C A	SBE 9+ PRESS SI PRI TEMP SEC TEMI PRI CONL	SN SN SN	1 ,	FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisson PAR S/N	(prime)	73			YR 2 4	TIME (GMT) HR MIN O 2 2 7 WEATHER OBS:		- Additional Control	RH (%) 94	2	WIND DIRN. (deg) 170 tom Temp.	WIND SPD. (kts)		STA. NAME/	<i>_</i>
																	Recorder	Initials:	
Nis	DEPTH	Rosette Notes	Sample Bo	ottle Numbe	r			Chloro	l									Comments	Nis
No.	DESIRE		Salt.Btl	,	02.Btl	DIC / A	ıLK	GFF	>1	0 micron Vol	180	IB.	Flow Cyt	eDNA	PD/	4			No.
1	1308	1												2469					1
2	Bot			378		X	).												2
3	50	1		379				278	Ś				X						3
4	40	1		380				278	<i>3</i>		一义		X						4
5	30	/		381				278					X						5
6	30	/												2470					6
7	30	1		382				278			X	ž	X		X				7
8	10	/		383				278			×		X			_			8
9	10	/									ļ			2471	X				9
10	50€	- /	83	384				278			4		<i>X</i>		X	_			10
11	۱۳۸۶	- /		ļ`	227														11
12	$\sim$									1		$\overline{}$			1			***************************************	12
							·												
11		Inline							II.	-	I					ll l	- Mary 19		

VES	SEL		7	CRUISE ID				PROJECT &	& LEG			CTD	FileName:				STATION NO.		
osc	AR DYSOI	1		DY2410				EcoFOCI F	all Moor	ring							S 5	3 111	
				••••															
C	ONSC														WIND	WIND			
CA	AST #	LATITUDE			NGITUDE					TIME (		DRY BULB	RH	Pressure	DIRN.	SPD.	BOTTOM DEPTH	STA. NAME	E/ID
-	3 {	DEG MIN		DEG	MIN	1_5	DAY	МО	YR	HR	MIN .	(°C)	(%)	(mb)	(deg)	(kts)	(m)		
D	52	6 6 명 . 7	792 N	643	4.8	7 N	1 4	SEP	2 4	٥3	5 7		97	1007	152	19	74	70 mo	3
	SBE 9+			FLUOR S/N						WEATH	ER OBS:			SFC/Bot	ttom Temp.		3,67°C MAX.	DEPTH = 69 m	
$\vdash$	PRESS SN			SBE 43-Oxy						REMARI	KS:	·				********	***************************************		
	PRI TEMP			SBE43-Oxy	· · · · · · · · · · · · · · · · · · ·						***************************************			NO ON			*******************************	***************************************	~~~~~
	PRI COND			PAR S/N	meter					******	~~~~	***************************************	***************************************		***************************************	***************************************			
	SEC CONI			O2 Tmp Se	nson No					******				************		~~~~		***************	*********
											***************************************		***************************************	***************************************	***************************************	~~~	***************************************	***************************************	
															***************************************	***************************************	***************************************	***********	*******
																	Recorde	Initials:	
Nis		Rosette Notes	Sample E	Bottle Numbe	r			Chloro										Comments	Nis
No.	DESIRED		Salt.Btl	Nut.Btl	O2.Btl	DIC / A	.LK	GFF	>10	0 micron	Vol		Flow Cyt	eDNA					No.
1	B01																		1
2	Bot			385	359	×												<b>22</b> - 14 - 14 - 15 - 16 - 16 - 16 - 16 - 16 - 16 - 16	2
3	50	/		386				278								-			3
4	50					<b></b>													
5	40			387				278			-					╫			4
6	30			388				278					<b></b>			<b></b>			5
7	20			389				218											6
8	10	r	<b></b>	390				278	1							·			7
9	10							- 10										-	8
10	4004	/	<del>- </del>	39(				278				<b>248</b>			**************************************	· <b></b> -			9
11	SUR	1							1	•									10
12					1	The same of the sa			1				<del>                                     </del>						11
																			12
_		Inline																	
الحني		J	1				L			- /-		<u>.</u>	<u> </u>					}	

VES	SEL			CRUISE ID			PRO	JECT &	LEG		СТ	) FileName:				STATION NO.		
osc	AR DYSO	N .		DY2410			Ecol	OCI Fa	li Moor	ring						S 54	: 41	
C/	SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI COND	SNSN	98 N	LO DEG    6 9   FLUOR S/N SBE 43-Oxy SBE 43-Oxy Transmisso PAR S/N O2 Tmp Se	(prime) (sec) ometer	3 "3"	4 s	10 E P		TIME (GMT) HR MIN  D 5 D 7  WEATHER OBS	:	3 RH (%) 3 Ø 9	SFC/Bc		1		Ma Bo STA. NAM 70 Ma DEPTH = 70m	E/ID
Nis	DEPTH	Rosette Notes	Sample	Bottle Numbe	r	<del>,</del>		hloro					1		11	Recorder		
No.	DESIRED		Salt.Btl			DIC / ALK		FF	>10	micron Vol		Flow Cyt	eDNA		_		Comments	Nis No.
1	BOT										,							
2	Bot			392	]	X.	X		<u> </u>									1
3	<u>50</u>			393		,	,	78										2
4	46			394			2	78										3
5	30			395				.78							-			4
6	30					X			<b> </b>		· • • • • • • • • • • • • • • • • • • •			<b></b>				5
7	20			396			2	78			,							6
8	! 0			397				78	-11						<b>  </b>			7
9	15					_									-			8
10	Sull			398		×	<u>ک</u>	78	<b> </b> -							· · · · · · · · · · · · · · · · · · ·		9
	SURF				150						-							10
12	<u>~</u>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				A STATE OF THE PARTY OF THE PAR		TO THE THE PROPERTY OF THE PARTY OF THE PART		Charles of the same of the sam			research	- La Maria Caracteria de la Caracteria d	(10)			11
																		12
1		Inline							<b> </b>	~								
	 \-	<del></del>	1						<u> </u>	لسرر								

	`													····			
VESS	EL		1	RUISE ID			PROJECT & L			CTD Fil	leName:				STATION NO. 555	41	
OSCA	R DYSON			Y2410			EcoFOCI Fall	Mooring	)	<u> </u>				Ī			
	NSC ST #	LATITUDE DEG MIN		LON DEG	NGITUDE MIN	DAY	МО		FIME (GMT) HR MIN	DRY BULB (°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DEPTH (m)	STA. NAME	E/ID
0	3 .	: 3 : 5 5	2 N		2 . 4			TÌ,	0636	2 3 3	97	1002	139	29	72,82	Ma	
<del>l ì</del>	SBE 9+	1 1 9 1 1 . 1 2	) ~ N	FLUOR S/N		O W T	S E P 2	<del>1 '</del>	EATHER OBS		'} '		tom Temp.	-  1		DEPTH = 67 m	-
	obe of Press sn								EMARKS:								
	PRI TEMP			SBE43-Oxy							77 CTT	2/1			***************************************		
	SEC TEMP PRI COND			Transmisson PAR S/N	meter						CTD or		************			***************************************	
	SEC CONI				nson No				***************************************		~~~						
												***************************************	~~~				
															Recorde	Initials:	
Nis	DEPTH	Rosette Notes	Sample E	3ottle Numbe			Chloro									Comments	Nis
No.	DESIREI	D	Salt.Btl	Nut.Btl	02.Btl	DIC / ALK	GFF	>10 r	nicron Vol		Flow Cyt	eDNA					No.
1	307					$\times \times \times$											1
2	B07	-		399,4% 402	284,31Z,	-				-		2472					2_
3	50	·		400	358	X	X				X						3
4	40			441	161	<b>/</b>	X				X						4
5	30			400			Χ				X	2473		N	o o bottle in	gradien-	5
6	30					XX											6
7	20			4€3	272		X				X		×				7
	10			404	197	<del> </del>	X				X	2474					8
8	10	<u> </u>		1 2.6		×						_ f f enq					9
9	<del>-</del>			445	172	<del> </del>	<b></b>						*				
10	500		c į	1 14/	1 + 4	XXXX		+			27. /		"			111 _ 1	10
11	SUR					<u> </u>					1			12	o salinity, bo	TIC DYON	
12			1					1		e							12
	ļ							<b></b>	·						·		
	<u> </u>	Inline	<u> </u>			<u> </u>			. )							<u>)                                    </u>	

VES	SFI		ICI	RUISE ID			PROJECT & L	FG .	ICTD F	ileName:				STATION NO.	
	۵	SCAR Dy	,0N		4241	10	FAL	L Moon	4						o HI
C	ONSC AST #	LATITUDE DEG MIN 5449.0	47,1	LOPEG FLUOR S/N	NGITUDE MIN 3 . 2	8 2 1 2	MO H	TIME (GMT) YR HR MIN H B H	(°C)	RH (%)	Pressure (mb)	WIND DIRN. (deg)	WIND SPD. (kts)	1 1 1 1 7 7	STA. NAME/ID
	PRESS SN			SBE43-Oxy	(prime)			REMARKS:							
	PRI TEMP	SN		SBE43-Oxy	(sec)					CTD O	sly	***************************************	********	***************************************	
-	SEC TEM			Transmisso	meter			***************************************							
-	PRI CONE			PAR S/N O2 Tmp Se	ncon No		<del></del> :		***************************************	***************************************	***********	**********		***************************************	***************************************
	JISEC CON			Joz Imp se	inson No			***************************************	***************************************	***************************************	***************************************	***************************************	**********	***************************************	***************************************
														Recorder	Initials:
Nis	<b> </b>			Hydro Tea			Chloro				POC			Comments	Nis
No.	DESIRE	)	SALT	Nut.Btl	02-Btl.No	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vo	500 ml	KON			No.
1	BOT	<u> </u>								ļ					1
2	BOT		90	409	107	K									2
3	50	/		410			278			<u> </u>					3
4	40	V		411			278								4
5	30	/	16	412	1.		278								5
6	30	. 🗸				-									6
7															
	20	/		413			278								7
8	10	/		413			278					X			7
	10	, / /		-1			278					X			7 8
9	10	1		414											7 8 9
9	10 10 50ne	<i>J</i>		-1			278							7	7 8 9 10
9 10 11	/0 /0 sone	<i>J</i>		414			278		- 21-	1 /		X	-7.		7 8 9 10
9	/0 /0 sone	<i>J</i>		414			278	M	n	1		X	-2		7 8 9 10
9 10 11	/0 /0 sone	<i>J</i>		414			278		~~	1	2	X	-2		7 8 9 10



VESS	EL OSC	ar Dyson	J CF	RUISE ID	<b>34</b> (C	>	PROJECT &	LEG	Loopi	r g CT	TD FileNam	ne:				STATION		#/	
CA O	_ 3	N	921	FLUOR S/N SBE43-Oxy SBE43-Oxy Transmissor PAR S/N	(sec)	DAY 14 W	·	YR Q4	TIME (GMT) HR MIN 2250 WEATHER OBS: REMARKS:	DRY BUL	(9	%)		WIND DIRN. (deg)	WIND SPD. (kts)		48	STA. NAME/ID  LIBES PTH= 43 m	
							i -			40	£		eDNF		A 11		corder in		
Nis No.	DEPTH DESIRED	Rosette Notes	SALT	Hydro Tear Nut.Btl	n-PMEL 02-Btl.No [	DIC/Alk	Chloro GFF Vo	ol   >®	EPM CY	GFF Dup \	Vol >10	dup vol	500 mi	POF	+	Commen	ts	Nis No	
	Bot		J. C. L.	1,000									2475		┪			1	
2	30T	ll .		HIL		×	275	3   -										2	
3	40	<b>V</b>		417			27:	$\dashv$										3	
4	30	<i>s</i>	•	418	<b></b>		279	11										4	
5	30	1		2 4									2476					5	
6	20	/		419			278	3						X	The state of the s			6	5
7	10	/		490			275	8	7									7	7
8	lo	1							,				2477	X	- IIII			8	3
9	Sout	/		481			278	, >						<u>X</u>				9	)
10	508?	1			100	٠.								·				10	0
11																		11	1
12			Name of the last o		$\triangle$	1		_		1_					1		No. of Street, or other Persons	-12	2
									<del></del>										
		Inline																	I

VES		AR DYSON	1	RUISE ID	2410		PROJECT &	LEG V	100012	CTD F	ileName:				SŤ	ATION NO. 558	<i>I</i> -3 <i>I</i>	
_	<u> </u>	VIC 24.20.			<u> </u>	1	1 140		(001)		T			<u> </u>		118	111	
_										,								
	ONSC AST #	LATITUDE		LOI	NGITUDE			,	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN,	WIND SPD.	BOTTO	M DEPTH	STA. NAME	/ID
	: 3 .	DEG MIN		DEG	MIN	DAY	МО	3	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)		m)		
٥	5 7	14261.5	PPNI	645	9.05	Tw   1   5	SEPE	40	0512	09.7	489	l Ø Ø5	256	20		49.9	디 도입 I	
	SBE 9+			FLUOR S/N			<del></del>	W	EATHER OBS			SFC/Bot	tom Temp.		~~~~	MAX.	DEPTH=44	m
	PRESS SN PRI TEMP			SBE43-Oxy SBE43-Oxy	-			R	EMARKS:			••••••	••••••••••				*****************************	
_	SEC TEMP			Transmisso					(#181877 <del>7</del> 477484444)	***************************************	****************		*************	•••••	****************		***************************************	
	PRI COND	SN		PAR S/N					*************	*****************				***************************************	~~~~~			*******
	SEC CONI	) SN		O2 Tmp Se	nson No				***************************************	***-***		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					**********************	
									•••••••••••••••••••••••••••••••••••••••	***************************************	~~~~		***************************************	·····	~~~~		•••••••••••••••••••••••••••••••••••••••	
											France	e DNA	<del>,</del>			Recorder	Initials:	
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMEL		Chloro				Chrome				Co	omments		Nis
No.	DESIRE		SALT	Nut.Btl	O2-Btl.No DI	C/Alk	GFF Vol	>10 l	Large Vol	GFF Dup Vol	> <del>10 dap vo</del>	500-ml=	PDA					No.
1	BOT		· · · · · · · · · · · · · · · · · · ·	423	243													1
2	BOT					Х×						·						2
3	40	:		424		. * * * * * * * * * * * * * * * * * * *	X											
4	40	:				X		<u> </u>										3
5	3 D			425			X										· · · · · · · · · · · · · · · · · · ·	4
6	30					次		1						·			**	5
7	20			426		( -	×											6
8	20					X		1										7
9	10			422		X	×											8
10	SURF			428			<u> </u>							<b></b>				
	SURF					XX	<del></del>											10
12								1								**		11
																		12
		Inline		<b></b>				· <del> </del>					****					H
<u>ا نب</u>		-Д		<u> </u>			<u> </u>											1

VES				CRUISE ID	,			T & LE0		СТ	D FileName:			,	STATION NO.	
<u></u>	<i>0</i> 5ca	ir Dyson		DYZ	4-10	<u> </u>	Fal	Ma	oving						559 7	41
	ONSC AST #	SN	Ø N	DEG	(prime) (sec) meter		DAY MO	F Z		(°C)	B RH (%) (\$\phi\$) 7 9		WIND DIRN. (deg) ZGY ttom Temp.	WIND SPD. (kts)	BOTTOM DEPTH  (m)  1 3 3 2 9  MAX.	DEPTH=)29 m
		1										eDNA			Necoldel	untials.
Nis		Rosette Notes		Hydro Tea			Chl	- 16			Elow Elow				Comments	Nis
No.			SALT	Nut.Btl	02-Btl.No			Vol	10 Large Vol	GFF Dup Vo	ol > <del>10 dup v</del>	of 500 mi	PDA			No.
1	BOT					XΧ										1
2	BOT			429								2478				2
3	100			430		K										
4				431	<b> </b>	X										3
				432												
5	. ? A					<u> </u>	<del> </del> - <u>X</u>			<del> </del>		·				5
6				433		<u> </u>	X	——⊩								6
7_	[			434	<b></b>	<u> </u>	<u> </u>					2479				7
8	20			435		Y	X						X			8
9	Įφ			436		Χ	X				X	2480	×			
10	SURF					ΧX		·								9
	SURF			437	119								*			10
	<del>-</del>													·		11
12										1						12
							. <b></b>			·			44			
_1		Inline														

VESS				RUISE ID			PROJECT &			CTD P	ileName:				STATION NO.	./ 1.3
	Osc	ar Dyson		DYZ	4-1 Ø		Fall 1	400	ring						560	HI
СА Ф	INSC ST #	LATITUDE DEG MIN 5 4 2 0 . 5 SN SN SN		L.ON DEG	NGITUDE  MIN  5 , Z 6 w  (prime) (sec) meter	DAY 5	MO SEP	YR	TIME (GMT) HR MIN  WEATHER OBS REMARKS:		RH (%) Ø 6 8	Pressure (mb)	WIND DIRN. (deg)	wind spd. (kts)	BOTTOM DEPTH (m) 1 4 6 . 9	STA. NAME/ID  DEPTH = 139 m
									***************************************	••••••	•••••					······································
									-							
												a 5044	1		Recorder	Initials:
Nis	DEPTH	Rosette Notes	1	Hydro Tea	m-DMEI		Chloro				Flow	e DNA	1		Comments	Nis
No.	DESIRED		SALT	_	O2-Btl.No DIC/A	.lk	GFF V	<del></del>	0 Large Vol	GFF Dup Vol	<i>املاحا</i> ۲ <del>- 10 dup د</del>	•			Comments	No.
	BOT	-			<u> </u>	·χ										1
2	BOT			438	9						<del> </del>				***************************************	2
3	にしら	-		439		r										3
4	100			440	1	<u>`</u> k									~~~~~~~~~~	4
5	75			441		٣										5
6	50			442	d	<	X				<b>†</b>					6
7	40			443		X	X									7
8	3\$			444	7		×			<b>†</b>						8
9	つる			445	À	<	X									9
10	` ~			446	<u> </u>	<	X			<b>†</b>	×		~~~~~			10
	SURF			447		¢χ	X									11
12					<u> </u>											12
	[	Inline		1	7		IF	1		T	-T					

VESS	EL		C	RUISE ID			PROJECT &	LEG			CTD Fi	leName:				STATION NO.	71
Φ		SNSN	5 9 N	DEG	(sec)	DAY 7 <sub> W</sub>   1 5		YR 2 5	TIME (I	MIN 5 0	DRY BULB  (°C)          O	RH (%) 7 3		WIND DIRN. (deg) 2 4 7	wind spd. (kts)	BOTTOM DEPTH (m) 1 6 5 . 3 9	STA. NAME/ID
	promi	lfp	1	Library Topo	- DAF		Chloro					Flow	- <del>- P0C-</del>		·	Recorder	
Nis No.	DEPTH DESIRE	Rosette Notes	SALT	Hydro Tea Nut.Btl	O2-Btl.No D	DIC/Alk	GFF Vo	)   <sub>&gt;10</sub>	0 Large \	/ol	GFF Dup Vol	Flow cytomer	73			Comments	Nis No.
1	B 07			448		**										11-11-1-11-11-11-1-1-1-1-1-1-1-1-1-1-1-1	
2	1			449		<del>′</del>											2
3	125			450		*											3
4	100	}		451		Χ										·	4
5	75	-		452		X											5
6	50			453		*	X										6
7	40			454		7	X									14.7	7
8	30			455		×	X										8
9	1			456		*	X				10000						
10	1.			457		Χ.	×	<del> </del>				X					10
	SURF			458	175	**	X					-				-	11
12	4							7									12
														1			
ı		Inline														1	

VESS			I	ruise id			PROJECT			CTD	FileName:				STATION NO.	· 144	
0	Scar	r Dyson		DY 241	<u> </u>		Fall	Mo	oring		3				S62	ПЪ	
CC CA	INSC ST #	LATITUDE DEG MIN 5 4 2 1 . O	5 <sub>N</sub> 1	LON DEG  6 5 5  FLUOR S/N SBE43-Oxy Transmissor PAR S/N 02 Tmp Sei	(prime) (sec) meter	3 w I	AY MO	YR	TIME (GMT)  HR MIN  1 4 2 8  WEATHER OBS REMARKS:	C	RH (%) 7 8 5	790	ttom Temp.			STA. NAMI	
Nis	DEPTH	Rosette Notes		Hydro Tea			Chlo				Flow		***************************************		Recorde Comments	r Initials:	Nis
No.	DESIRE	D	SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF	Vol >	10 Large Vol	GFF Dup Vo	l ≽i⊕dup vo	<del>√ 500-π1</del>	PDA				No.
1	BOT	-		459	181	XX				ļ		2481					1
2	400	,		460		*									·		2
3	300			461		<b>×</b>											3
4	200			462		×						2482					4
5	100			463		×								C	loser to no	74m	5
6	56			464		×	X										6
7	40			465		×	×										7
8	30			466	1	×				<u> </u>							8
	20			467		×	×						*		loser to wi	7 m	9
9				468		<b>★</b> ★	X			<u> </u>	×	2483	×		10ser +0 ~		10
10	SUR			1100		1,7,-	\ X	$\dashv$				1-100	×		· · · · · · · · · · · · · · · · · · ·		11
	⋖	·		<del>\</del>	<del> </del>	<b></b>		弌		<del> </del>	1 _						
12	$\vdash$															· · · · · · · · · · · · · · · · · · ·	12
	<del> </del>				_					<del> </del>			<b> </b>				-
		Inline		<u> </u>	<u> </u>	<u> </u>							1				] ]

VESS	EL,		C	CRUISE ID			PROJECT & L	EG A		CTD Fil	eName:				STATION NO.	
	೦ಽ	car dyso	U	DY	24 LO		FALL	EG Moo	€.~	·					563	1+1
										l l						
CC	NSC												WIND	WIND		
	ST #	LATITUDE		LON	IGITUDE			TIME (C	GMT)	DRY BULB	RH	Pressure	DIRN.	SPD.	ВОТТОМ ДЕРТН	STA. NAME/ID
	- 1	DEG MIN	100	DEG	MIN	DAY	MO	YR HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
2	62	5428.	499	1665	2.813	15	SEPLA	417	24		89	1008	239	워5	534	口品名
	SBE 9+	***************************************		FLUOR S/N				WEATHE		•~~~~~~		SFC/Bot	tom Temp.		MAX. C	DEPTH = 514 m
	PRESS SI			SBE43-Oxy				REMARK	(S:	77	D/B0	4 . 4		• • • • • • • • • • • • • • • • • • • •		
	PRI TEMP	-		SBE43-Oxy Transmissor				(******	*********					***********	***************************************	***************************************
=	PRI CONE			PAR S/N					飞	-a(+-K	क्र टा	D 20 ×	off	So Tt?	) <i>~</i> *	
	SEC CON	D SN		O2 Tmp Sea	nson No		1	(*******	*********	J		***************************************				
$\vdash\vdash$							7				······································					
												<b>EDNA</b>			Recorder	Initials:
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMFI	···	Chloro	flow cyt	000			Boe	POF	<u> </u>	Comments	Nis
No.	DESIRE	_	SALT		02-Btl.No DIC/	Alk	GFF Vol	>1.0 Targe V		GFF Dup Vol	>10 dup v		7.			No.
	Bot		80			X								7		
					0/117	^		<u> </u>								1
2	400	II .		471						··				_		2
3				+72		<b></b> -										3
4	200			473												4
5	100	0 /		474												5
6	50	V		475			278									6
7				476			218									7
								<b> </b>								
8	30	li .		477			278									8
9				478	<b></b>		278	<b>-</b>								9
10	10			479			278	$\overline{}$								10
11	50N	-   <		480			278									11
12	1	1/4/	M							~			-			12
<u> </u>																
								<b>†</b>								
	ii.	Inline		1	1 1											

VESSEL	)SC	+12 Dyso.		RUISE ID	2410	)	PROJECT & I	Hooning	CTD F	ileName:				STATION NO.	HI
SBE PRES PRI T SECTOR	DE 3 5	435.1			IGITUDE  MIN  7.8  (prime) (sec) meter	DAY	5 EP 6	TIME (GMT) YR HR MIN H 20 18 WEATHER OB: REMARKS:	1 1 1 1	RH (%)	1 2	DIRN. (deg) 242 ttom Temp.	WIND SPD. (kts)	Tron (Rov	
Nis DE	PTH	Descrite Nation		U.d. T.	DMEI		Chlore				eDNA	,		Recorder	
<del> </del>	SIRED	Rosette Notes	SALT	Hydro Tea	O2-Btl.No	DIC/Alk	Chloro GFF Vol	>10 targe Vol	GFF Dup Vol	>10 dup vo	90C 1 500 ml	PDA		Comments	N N
1 80	т	J		481	220	X				T					
	20	7		482						<del> </del>					
	50	/		483											
	00	/		484					,						
5 7	75	/		485											
6 5	0	/	i k	486			278		<u> </u>		/ [2 8 13.				
	10	1		487			278								
8 3	10	/		488			278		1						
	0	/		489			278							i k	
10 10	>	/		490			278	X	<u> </u>						1
11 5	ORF	V		491			278								. 1
12 ^	1	11	1	~	~	~~	~~	~~	~~	1	1	1	1	~~~	7 1
			97 49 98											3	
I		Inline			26										
								4.	-						

VES:		ar by son	C	RUISE ID	410		PROJECT & I	Mooni	~ 9	CTD File	Name:				STATION NO. S 65	
\(\hat{\alpha}\)	SBE 9+ PRESS SI PRI TEMP SEC TEMI PRI COND SEC CON	SN SN	9 %	DEG	(prime) (sec) meter	DAY SW 15	5 5 7 6	WEATHER C	N (°C	CT:	RH (%) PO  SALT C	2 4/50 T TOD		WIND SPD. (kts)	BOTTOM DEPTH  (m)  MAX. D  180 M D 46	STA, NAME/ID  LIBWY  EPTH - 350, m
		1	1									الازع			Recorder I	
Nis No.	DEPTH	Rosette Notes	SALT	Hydro Tear Nut.Btl	n-PMEL O2-Btl.No D	IC/Alk	Chloro GFF Vol	PhwCo >10-Large-Vot	1	o Vol >	>10 dup vol	500 mi	_T>DI	<u> </u>	Comments	Nis No.
1	BOT		<u> </u>	492		Χ					<u> </u>	2484				1
2	250			493												2
3	150			494								2485	, , , , , , , , , , , , , , , , , , , ,			3
4	100			495												
5	75	/		496												4
6	50	V.		497			278	<b> </b>								5
7	40	/		498			278								n ,	6
8	30			499			278	<b></b>		<b></b>					******	7
9	20			500			278						V			8
10				901			278	X				2486	× ×			
	5514			502			278					5 10.22		1		10
12	1 /		<u>~</u>	1				L ~		$\supset$				7		11
14															· · · · · · · · · · · · · · · · · · ·	12
1		Inline														1

VES		me oy son	1 -	RUISE ID	04L0		PROJECT & L	EG ایر	Moonh	-12 CT	ΓD Fil	eName:				STATION NO.	11
C,		SN	724 	LOI DEG   I U U G	MIN  MIN  (prime)  (sec)  meter	9 % 15	MO SEP2	YR	TIME (GMT) HR MIN 234/ WEATHER OBS REMARKS:	DRY BUL		RH (%) 91		WIND DIRN. (deg)	WIND SPD. (kts)	<del></del>	DEPTH= 214 (
Nis	DEPTH	Rosette Notes		Hydro Tea	ım-PMFI		Chloro	<u>                                     </u>	Hor cyl				POC			Comments	N
No.	<b> </b>	nosette Notes	SALT		02-Btl.No	DIC/Alk	GFF Vol	- T	rtarge-Vel	GFF Dup \	Vol	>10 dup vol				Commence	
1	BUT	/		504		X								e.		***	
2	1	No.		505				1									
3	100			50%		,											
4	75	1		Soi	í			1									
5	Ψ- <sub>-</sub>			508			278										
6	177			509			278	1		+							
7	-7	/		510			278									10 10 10 10 10 10 10 10 10 10 10 10 10 1	
8		1		511	<u> </u>		<b>27</b> %	<b></b> -									
9				512			278	•	<u> </u>								
10		,		513			278										
11				2001 50		<b></b>									$\dashv$		1
12	\ \ /			17					1				<b>九</b>			1 ~~	
12			-						The state of the s	- 2,000							1
	-	Inline						<b></b> -									

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VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:		STATION NO.
OSCAR DYSON	DY2410	FALL MOOR'-1			S67 H
CONSC CAST #  LATITUDE  DEG MIN  SBE 9+  PRESS SN  PRI TEMP SN  PRI COND SN  SEC COND SN	LONGITUDE  DEG MIN DA  1 U 5 5 0 . 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	WEATHER OBS		Pressure DIRN. SPD.  (mb) (deg) (kts)  100924221  SFC/Bottom Temp.	BOTTOM DEPTH STA. NAME/ID  (m)  MAX DEPTH = 101 m
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro Play Cyt	199		Recorder Initials:
No. DESIRED SALT		GFF Vol >10 Large Vol	GFF Dup Vol >10 dup vol	POC 500 ml	Comments Nis
1 Bot / 2 100 /	514 X 515				1 2
3 75 V	516				3
4 50 V	517	538			4
s 40 V	518	234			5
6 30 V	519	234			6
7 20 1	526	236			7
8 10 V	521	236 1			
9 5084 /	522	2-8			9
10					10
11					
12					11
1					12
[ Inline					
0.111.12		)			

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VESS	-L		CR	UISE ID			PROJECT & L	.EG			ileName:				STATION NO.	> 1.L.1
	05	CAR DYSON		あるか	tio		FALL	M	യവഹ്	•		·			568	3 41
CAS		SN SN SN	731	DEG  6 5 4  FLUOR S/N  SBE43-Oxy SBE43-Oxy Transmissor PAR S/N	(sec)		65 E.P.A	YR YR	TIME (GMT) HR MIN C3 2 9 WEATHER OBS REMARKS:	:	RH (%)	SFC/Bo	WIND DIRN. (deg) 249 ttom Temp.	wind spd. (kts)	BOTTOM DEPTH  (m)  MAX.	STA. NAME/ID  LI BW3  DEPTH = 139 m
			1						2			- Poo	<u> </u>		Recorder	Initials:
Nis	DEPTH			Hydro Tea			Chloro	77 4	1/27	GFF Dup Vol	. 10 dup vol	POC 500 mi			Comments	No
No.	DESIRE	D	SALT	<del></del>	O2-Btl.No		GFF Vol	>10	Large Vol	GFF Dup Voi	> 10 dup voi	300 mi				110
1	B0		9	523	168	X						<del></del> -				1
2	120	,		524				_				_	<u> </u>			2
3	75			525				<u></u>		ļ						3
4	50	· /		526			278									4
5	40	0/		527			278									5
6	30			528	<b></b>		278									6
7	20	,		529		1811 1111	278									7
	10			530			278	- 11	$\checkmark$				1		-	8
8	300			531			278			1			1			9
9	2 2 2	T-		and the state of	<del> </del>		2 2. 6.0				<del></del>					
10								┪								10
11			4222		<del> </del>					<del>- </del>				·		
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		Inline				·····										_ ~
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مستعيد سايره

STATION NO. 569 HJ VESSEL CRUISE ID PROJECT & LEG CTD FileName: DY24-10 Fall Mooving Oscar Dyson WIND CONSC WIND TIME (GMT) DRY BULB RH SPD. STA. NAME/ID Pressure DIRN. **BOTTOM DEPTH** CAST# LATITUDE LONGITUDE YR HR (%) (dm) (deg) (kts) DEG DAY MO MIN (m) DEG 209 101 111.5 9548 MAX. DEPTH = 100 7 m WEATHER OBS: SFC/Bottom Temp. SBE 9+ FLUOR S/N PRESS SN SBE43-Oxy (prime) REMARKS: SBE43-Oxy (sec) PRI TEMP SN Transmissometer SEC TEMP SN PAR S/N PRI COND SN O2 Tmp Senson No SEC COND SN eDNA Recorder Initials: Chloro Flow Cut. IFCR Comments Nis Hydro Team-PMEL DEPTH Rosette Notes PPA GEE Dup Vol >10 dup vol 02-Btl.No DIC/Alk GFF Vol >10-Large Vol 500.ml SALT Nut.Btl No. DESIRED 2487 532 BOT X 533  $\times$ 534 50 *5*35 X 40 536 30 2488 20 X X X X X 1 2489 X 10 209 X × X SURF 8 8 9 10 10 11 11 12 12

VESS	EL		CF	Ruise Id				PROJECT 8	LEG.			CTD F	ileName:				STATION NO.	١	
	OSO	ar Dyson		DYa	410			FALL	_ M	20127	-6						STATION NO.	ttl	
	ONSC .ST #	LATITUDE		LON	NGITUDE					TIME (	(GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID	0
		DEG MIN		DEG	MIN	7	DAY	МО	YR	HR	MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	<u> </u>	_
0	69	5357.6	9 N 1	[6] B	9.7	5 🕏	47	SZP	<u> 24</u>	02	27		27	1013	191	17	49 /		
=	SBE 9+			FLUOR S/N						WEATH					tom Temp.			DEPTH = 473	
_	PRESS S	-		SBE43-Oxy	(prime) (sec)					REMAR	KS:	SANA	ne Mo	012201	50	٥١			
	SEC TEM	P SN		Transmisso	meter					~~~~		CAST F	se Ca	ידוויבונילים					
$\overline{}$	PRI CONI SEC CON			PAR S/N	nson No					*****		N & 1	3077L	ts working			**************	*****************	
	SEC CON			Tor tub se	115011 140							1100100	2 C S CONT. S CONT.		774			***************************************	
																	Recorder	Initials:	
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMFI			Chloro						POC			Comments		Nis
No.	DESIRE		SALT	Nut.Btl	O2-Btl.No	DIC/All	 k	GFF V	d   1	0 Large	Vol	GFF Dup Vol	>10 dup vo	_					No.
1													·						1
2		·																	2
3									7										3
4																			4
5					2.	Lake.													5
6			· · · · · · · · · · · · · · · · · · ·																6
7				11/1								<del></del> -				- Control of the cont			7
8										7 62 10 17 10 10 10 47 47 10 1									8
9																			9
10			/																10
11									╢										11
12					1				1										12
				<u> </u>															
ı		Inline			1											·  - <b></b>			
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VESS	EL		CR	UISE ID			PRO	JECT & LI	EG .		-	CTD F	ileName:					ST	ATION NO.		
	6504	RICEPED IS		D49	410			FAU	_ γ√	oone:~y							·		571	K(	
CAS		SN SN SN		DEG 5 9 3 FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisso PAR S/N	(prime) (sec) meter		85.	10   10   EF 2	YR 4	TIME (GMT HR MIN A I A WEATHER OF	الا 9 35: الا	سنتند	(%) 74  174  16524  16524	SF ZNSH COND:	C/Bott	WIND DIRN. (deg) 279 om Temp.	N & ~	BOTTO	Tile	DEPTH = 6	.:
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMEL			Chloro	<u>                                     </u>	Plow cyt	well			PC	с			C	omments		N
No.	DESIRED		SALT		02-Btl.No	DIC/Alk		GFF Val		Large Vol		Dup Vol	>10 dup v	ol 500 ı	ml						N
1	BOT	1		541	215		1.2														1
2	50	1		542			3	278												<b></b>	7
3	40	1		543				-78					***************************************							··	3
4	30	1		544				<u>- 1</u>	1												-
5	20	/		545			- 11	78										LEAK			
6	:10	/	ζ .	546			1	78	ļ	×	-								f		- 1 - 5
	SURF		8	547		-		्रेन्ड १नड		~											- 6
1 1			<u></u>	<u></u>	<del></del>			~ 1 0	<b> </b>						-						+7
8														-	-						8
9		-							<b></b>			<b></b>			· <b>-</b>						9
10									-		+-			-			$\dashv$				119
11	10		~~	1						Λ		· · ·			· <b></b>   -	. 5			<u></u>		1
12					- American		4				1				Sec. purposered	Sand Com		Annual Control	- Comment		1:
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1	<del>-</del> -	Inline							<u></u>											_	ı

VESSE	L		C	RUISE ID			PROJECT &	LEG	١	CTD	FileName:				STATION NO.	~
	OSCA	ne oyson		PG_	2년10	149144	FAL	<u>ا ا</u>	leeri- 1						576	<u> </u>
CON	NSC 5T #	LATITUDE  DEG MIN  55 28.7  SN SN SN	3 8 2	DEG 1573 FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisson PAR S/N	(prime)(sec)				TIME (GMT) HR MIN 2216 WEATHER OBS REMARKS:	<u> </u>	(%)	Pressure (mb) SFC/Bo	WIND DIRN. (deg) Solution Temp.	wind spd. (kts)	BOTTOM DEPTH  (m)  MAX	STA. NAME/ID  SHJZ  DEPTH= 155 m
												POC.	1		Recorder	r Initials:
Nis	DEPTH	Rosette Notes	SALT	Hydro Tear Nut.Btl	n-PMEL. 02-Btl.No DIC/	л II-	Chloro GFF Vol	1 10	) Large Vol	GEE Dup Vo	ol >10 đup vol	POC 500 ml			Conmencs	No.
No.	DESIRED		JOALI		OZ-BUINO DIC/		<u> </u>		2 20,90 10	1 500						
	1307	/		548		<b></b>			= = n + 4 & = =	<b> </b>			.			1
2	100			549				-				-		$-\parallel$		2
3	75			550			1,50	<del>,  </del> -							4 M	3_
4	50		80	551			278									4
5	40			<u>552</u>			278			<u> </u>						5
6	30			<u> 563</u>			_									6
7	2c	) V		554			278	76		<u> </u>						7
8	10			555			218	_							1	8
9	Sul	f /		554	197		278			ļ			-   <del></del> -			9
10																10
11																11
12															-	12
		Inline														
لنب	<del></del>	9			<u> </u>							<u>-</u>		in milita Tunamu	<u> </u>	

VESS	EL		CF	Ruise ID			PROJECT &	LEG		CTD F	ileName:				STATION NO.	+1
CA	{	SN SN SN	3 %	DEG SINGLE SINGL				YR 24	TIME (GMT) HR MIN 2306 WEATHER OBS REMARKS:	<u></u>	RH (%)	SFC/Bo	WIND DIRN. (deg) 291 ttom Temp.	WIND SPD. (kts) 26		DEPTH= 152 m
	promi	In		Hydro Tear	m DMEI		Chloro		الدما الما			РОС	1		Comments	Nis
Nis No.	DEPTH DESIRE	<b>-</b>	SALT		02-Btl.No DIC/	'Alk	GFF Vo	ol  >1	Clow cyl	GFF Dup Vol	>10 dup vo					No.
	1307		<u> </u>	557												1
	100			55%	<del></del>		·									2
2	50	V														3
3	50	<b>-</b>		559			279									4
4	40			1			278									5
5	30						278			- <del> </del>						6
7	20			560			278									7
	10						276		×	<u> </u>						8
8	5,99	<b></b>		561			278		<del>'/ \</del>							9
9	/ V.															10
10																11
11							1									12
12																
		Inline			<del> </del>		-									
	-	<u> </u>														<i>y</i>

VESS	EL		CR	Ruise ID			PROJECT 8	LEG		CTD F	ileName:			STATION NO.	41	
CA O	- 1	SN SN SN	5 × /	DEG 5 9 3 FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisso PAR S/N	(prime)		8 5 E P	YR Q 4	TIME (GMT) HR MIN 2357 WEATHER OB REMARKS:	3:	RH (%) 170 NOT LT A) C 5 TO B	SFC/Bo	ttom Temp.	 BOTTOM DEPTH  (m)  MAX  VCAST  ONS ANOBCE	DEPTH = J	
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMFI		Chloro	]	flur cul			POC		Comments		Nis
No.	DESIRE		SALT		02-Btl.No	DIC/Alk	GFF V		000 €05 0Large Voi	GFF Dup Vol	>10 dup v					No.
1	BOT	1	-	562												1
2	100			563												2
3	5α		<u> </u>													3
	50 50	1/	••	564			278							 		
4	) 20			00-1			278	_	**************************************							4
5	30						278							 		5
6				565			278									6_
7	<u> </u>	<u> </u>					278		<u> </u>					 		7
8	10 ろいひ			£11	290			-								8
9	<u> うぃひ</u>	= /		1200	240		218							 		9
10								_								10
11														 		11
12								$-\parallel$		<u> </u>				 		12
				_										 		
		Inline		<u> </u>					y and the same							

VESS	L OSC	ne byson	CRL	JISE ID DY	2410		PROJECT	& LEG _ M_,	001-g		CTD Fi	leName:				STATION NO.	H	
O O	7	SN SN SN	9 % 1	DEG  5 9 2  FLUOR S/N  SBE43-Oxy  SBE43-Oxy  Transmissor  PAR S/N	(prime)		у мо 952F	YR	TIME (GMT) HR MIN OO 4 4	DRY E	C)	RH (%) 73		tom Temp.		BOTTOM DEPTH  (m)  MAX  OOR:	DEPTH= 145	m
	DEPTH	Rosette Notes	<u> </u>	Hydro Tea	m DMEI		Chloro						POC	i		Comments		Nis
Nis No.	DESIREC		<b>-</b>		O2-Btl.No	DIC/Alk	GFF V		0 Large Vol	GFF Dt	ıp Vol	>10 dup vo						No.
			<u></u>															1
2									<u></u>									2
2				:														3
3		<b></b>								<del> </del>								
4												<u> </u>						4
5					<b></b>									<b> </b>				5
6							1			-								6
7						<del></del>												7
8								-					-		$-\parallel$	A ROBORT SERV		8
9				<del> </del> /	<del>                                     </del>													9
10				_/_						-					_			10
11			<i>-</i>	/														11
12			_/											<u> </u>				12
						<b></b>											••••	-
		Inline							*									

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VESSI	L 200	seen Dys	CF	RUISE ID	2410		PROJECT &	LEG .	(1001/~	CTD	FileName:				STATION NO.	Н
O O	NSC ST #	LATITUDE DEG MIN SN SN SN	7 , 1	LON DEG 5 8 5 FLUOR S/N SBE43-Oxy Transmissor PAR S/N	GITUDE  MIN  9 5 9  (prime)  (sec)	DAY W 1 9	MO SEP	YR 2 4 v	TIME (GMT) HR MIN 0 5 5 8 VEATHER OBS:	DRY BULB			WIND DIRN. (deg) 3 3 9	WIND SPD. (kts)	BOTTOM DEPTH (m) 11 1 . 4 9	STA. NAME/ID  STA. NAME/ID  DEPTH = 65.1 m
Nis	DEPTH	Rosette Notes		Hydro Teal	п-РМЕL		Chloro	- 11	w Cytom		>10 dup vo	POC			Recorder Comments	r Initials:
No.	DESIRED		SALT		O2-Btl.No DIC	C/Alk	GFF Vo	)  > <del>10</del>	- <u>Large-</u> V-ol	(마루누마턴(B.A.O)	> 10 dup vo	500 mi				140.
1	BOT			567 0		·			<u> </u>			. <b></b>				1
2	<u>50</u>			568			×			×				_	MINISTER CO.	2
3	40			569			<b></b>		<u> </u>	/*						3
4	30			570 571			X	-	<u>^</u> ×	×						4
5	20				<b></b>		×		<u> </u>	×					***************************************	5
6	5086			572 573			X		*	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				_		7
7_		-		<u> </u>			<u>-</u>			<b></b>						8
8								-								9
9					<del> </del>		· <b> </b>		== == == == == == == == == == == == ==							10
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		Inline														1

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VES		2 246 24		RUISE ID			PROJECT & U	EG	CTD I	FileName:				STATION NO.	
	USCAK	C DYS DN		V 7 2	4-14	} ————————————————————————————————————	Fall 1	Moorina						S77	HI
C.A		SN		DEG	(prime) (sec) meter	6 w / S	PSEPZ	TIME (GM YR HR M Y Ø 6 5 WEATHER ( REMARKS:	N (°C) φ ρ 9 . ]	RH (%) 1 Ø 7 Ø HUMAG	Pressure (mb)  1 Ø Z Z  SFC/Bo	ttom Temp.	WIND SPD. (kts)	BOTTOM DEPTH (m)  AMAX	STA. NAME/ID  S H 0 1  DEPTH = 6 8 m
Alia	DEPTH	IDM. N.	<u> </u>	Doda Ta	D) (C)		Ctl		12		700	ir	Ti .	Recorder	
Nis No.	DESIRED	Rosette Notes	SALT	Hydro Tea Nut.Btl	M-PMEL 02-Btl.No	DIC/Alk	Chloro GFF Vol	Flow C	GFF Dup Vol	>10 dun v	POC ol 500 ml		- Indiana	Comments	Nis No.
	BOT		1	574			0.1.76		311 335 131	1	51 500 MI	k			
H	50	<b> </b>		1/_/_1_			·								
2	40			57=		••••	X	ļ					_		2
3				775											3
4	30						X								4
5	20			576			X	<b></b>		<del> </del>					5
6	10			<u> </u>			X	X							6
7	SVRF			577	1ΦΦ		<u> </u>				·			***************************************	7
8															8
9															9
10				ļ											10
11		ļ			,										31
12															12
		Inline													1
						-								V. 11	

VESS				JISE ID			PROJECT	& LEG		ÇTD F	ileName:			·	STATION NO.	. ,,,,
0	Scay	Dyson		DYZ	4-10		Fall	MO	oring_						578	<u> </u>
CCA  P	SBE 9+ PRESS SI PRI TEMP SEC TEMI PRI CONE SEC CON	LATITUDE DEG MIN 5 4 4 6 . 2 sn	7 N 1	5 8 5 FLUOR S/N SBE43-Oxy SBE43-Oxy Transmissor PAR S/N	(sec)	9 w 1	95EF	YR 2 Y	TIME (GMT) HR MIN  ### MIN  ##	1	RH (%)	Pressure (mb) 1 Ø Z 1 SFC/Bo	WIND DIRN. (deg) 3 Z Dittom Temp.			STA. NAME/ID  S HOB  DEPTH = 80 m
						······································			-1 -1 -1 -1			POC	<u> </u>		Comments	Nis
Nis No.	DEPTH DESIRE	<del> </del>	SALT	Hydro Tea Nut.Btl	m-PMEL 02-Bti.No	DIC/Alk	Chlore GFF \		lowCyf		>10 đup vo				Comments	No.
140.	B07		1 3,12,		175											1
	50	}		5 79			X				<b>†</b>					2
2	9 Y 4 ()			- F			X									3
3	30			<b></b>			X									4
4	フ <u>リ</u>		<b></b>	98¢			T V									5
5	10			1			X		×							6
6	SURF		•• •	581			T Y		/ 1							7
	12.1.1				<b></b>											8
8															1.1.10.XII.1.10	9
9								·		<del> </del>						10
10	<b> </b>															11
11	<b>}</b>															12
12			<del></del> .													. 12
	<b> </b>	Inline	<b>-</b>		<b></b>											1
<u>'</u>	JL			<u></u>	<u> </u>	I					-		<u> </u>			

VESSEL	CRUISE ID	PROJECT & LEG	CTD FileName:	STATION NO.
Oscar Dyson	DY 24-10	Fall Mooring		579 111
CONSC CAST # LATITUDE	LONGITUDE		DRY BULB RH Pressure	WIND WIND DIRN. SPD. BOTTOM DEPTH STA. NAME/ID
DEG MIN	DEG MIN DAY 1 5 . Ø 3 w 1 5		(°C) (%) (mb) p9.40711021	(deg) (kts) (m) 27501 1000.45 H04
0785441.33 <sub>N</sub>		WEATHER OBS:		tom Temp. MAX. DEPTH = 95 m
SBE 9+	SBE43-Oxy (prime)	REMARKS:		/
PRI TEMP SN	SBE43-Oxy (sec)		For Shumigan Li	ine
SEC TEMP SN	Transmissometer		······································	
PRI COND SN	PAR S/N			
SEC COND SN	O2 Tmp Senson No			
			***************************************	
				Recorder Initials:
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro Plow Cutor	POC	Comments
No. DESIRED SALT	Nut.Btl O2-Btl.No DIC/Alk	GFF Vol >1-0-Large-Vol- (	GFF Dup Vol > 10 dup vol 500 mi	No.
1 BOT	582			1
2 75	583			2
3 5V		X		3
4 40	584			4
5 3Ψ		X		5
2 1	585	X		6
) h		x x		7
7 1 0 8 SURF	586 172	T X		8
	700			9
9				10
10				
11				11
12				12
I Inline				1

VESSEL			С	Ruise ID				PROJECT &			CTD	ileName:				STATION NO.	
0	SCA	r Dyson		D721	1-10			Fall	Mo	oring						580 1	-1 )
SEC PRI C	DE 9+	7 3 5 . 9		DEG	(prime) (sec) meter	8 w	DAY   9	MO SEP		TIME (GMT)  HR MIN  1 9 3 6  WEATHER OBS  REMARKS:		RH (%) <b>075</b> For S	SFC/Bo	ttom Temp.			DEPTH = 192 m
Nis DE	PTH	Rosette Notes		Hydro Tea	m.PMEI		<u> </u>	Chloro	rî	1			POS		<u> </u>	Recorder	
∥ ⊩	SIRED	NOSCICE NOCES	SALT	<del>-,</del>	02-Btl.No	DIC/Alk		GFF Vol		low Cyt	GFF Dup Val	>10 dun ve	POC ol 500 ml		$-\parallel$	Comments	Nis No.
1 B	DT.			587	<del></del>				╫							*	
l	7 Ø			288	]	waasaasas.				***							1
╟╧╫	30			589					╁								2
	Ψ			590				X				ļ		 			3
	9			- /				X	-			<del> </del>					4
<u> </u>	<i>9</i>	=======================================				<b></b>		<del>-</del>		<b></b>	 	<b>- </b>					5
	Ø			591°				<u> </u>									6
<del>                                     </del>				1271				<u> </u>		·							7
8 1 (							$ \parallel$	X	-	X					_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	8
9 //	LF							<u> </u>			<b></b>	- - -					9
10									-						_		10
11									<b></b>		<b></b>					**************************************	11
12								W-101	┦								12
<b>                                     </b>									<u> </u>						<b>-</b>	*	
		Infine								····							
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VESS	SEL_		CF	RUISE ID .			PROJECT &			CTD	ileName:				STATION NO.	
	050	ar Drson		DYZ	4-10	) 		Mooril	12					,	581	<del>71</del>
O O	SBE 9+ PRESS SI PRI TEMP	SN		LO DEG	NGITUDE  MIN  8 9	DA		TIME YR HR	(GMT) MIN SZ HER OBS	$N_{\ell}$	) vate	r colle	WIND DIRN. (deg) 054 ttom Temp.		BOTTOM DEPTH (m)  y p y 4	STA. NAME/ID  C R Ø 1  DEPTH = 4 Ø 5 m
=	SEC TEM PRI CONI			Transmisso PAR S/N	ometer				••••••	A_	mooriv	Site	Z:		······	
=	SEC CON			O2 Tmp S	enson No				***********		******************		*************	***********	***************************************	
										·····	·····		······································		······································	
															Recorder	Initials:
Nis	DEPTH	Rosette Notes		Hydro Tea	am-PMEL		Chloro					POC			Comments	Nis
No.	DESIRE		SALT	Nut.Btl	O2-Btl.No	DIC/Alk		>10 Large	Vol	GFF Dup Vol	>10 dup vo				Continents	No.
1						-										1
2																2
3																3
4																4
5															111	5
6															1112	´6
7																7
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VESS	EL OS	Der Dyso	رر ا	JISE ID	2410	F	PROJECT & LE	G Hoor	CTD Fi	leName: HD 081	-			STATION NO.	4	
CA	ONSC ST #	LATITUDE  DEG MIN  D C 3 C 2	9 2	FLUOR S/N SBE43-Oxy SBE43-Oxy Transmissor	(sec)	DAY 2	мо у	TIME (GMT)  R HR MIN  WEATHER OB REMARKS:	DRY BULB (°C) ) 1 0 . 7	RH (%) 0 65		WIND DIRN. (deg) 355 ttom Temp.	WIND SPD. (kts)	BOTTOM DEPTH  (m)  193	STA. NAME/	•
									\		1	<del>11</del>		Recorder	Initials:	
Nis	DEPTH		CALT	Hydro Tea Nut.Btl	m-PMEL 02-Bti.No DIC//	NIL II	Chloro GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dun vol	500 ml		_	Comments		Nis No.
No.	DESIRE	ן ט	SALT	NULBEI	02-64.140 (0107)	216	GIF YUI	. To Large vor	[G.1 Dup voi	- 10 dap voi	230 111					1
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2										-	_	<u> </u>	-			2
3										- <del> </del>	·					3
4																4
5	<b> </b>				<b></b>					<b></b>	<b> </b>	-			- w- r	5
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8	1		1000041													8
9																9
10																10
11			,													11
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12	1								-							
	<b></b>		·	<del></del>	<del> </del>											
Ш	<u></u>	Inline			<u> </u>			1		<u> </u>				700-a-a		<u> </u>

VESS			CF	Ruise ID				PROJECT 8			_	CTD Fi	leName:				STATION NO.	<b>1</b>	
	OSC	r Dyson		DY2	24-10			Fal	M	<u>oorin</u>	9_				Ψ…		S83 N	11	
CA O	SBE 9+ PRESS SN PRI TEMP SEC TEMP PRI COND	SN SN SN	5 <sub>2</sub> 1	DEG	(prime) (sec) meter	5 w	DAY   2   1	MO SEP	YR 2 4	TIME (GMT HR MI O S H	N 8 1	ORY BULB  (°C)  O . 1	RH (%) 8 5		WIND DIRN. (deg)	WIND SPD. (kts)	<u> </u>	STA. NAME/ID BT 0 1 DEPTH = 74.24	
			<del></del>											CDNA	A Îl		Recorder		
Nis	DEPTH	Rosette Notes	100-	Hydro Tea		DIC (A.		Chloro GFF V		10W Cyt			>10 dup v	<del>PO</del> C ol 500 ml	pDA	_	Comments		Nis No.
No.	DESIRE	<u> </u>	SALT	Nut.Btl	02-8tl.No		К	orr V	<u> </u>	<del>v ⊾arge-v 0l-</del>	GF	i Dab Ani	>10 dup v	E2490	1		2		
1	BTM			<b></b>	172						<b></b>			E2470					1
2	50							×	+		_								2
3	40							X											3
4	30							X	$-\parallel$		_			E2491					4
5	20				-			×							×				5
6	10							X	_ _	<u>×</u>					X	_			6
7	SURF					X	· •••	× 						E2492	×		<b></b>		7
8									_						<u> </u>	-			8
9					<u> </u>	ļ					-								9
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VESSE		.a 7.48a.1	CRL	JISE ID カイス・	LIA		PROJECT &	LEG L/I	looning	СТ	) FileName:	<u> </u>			STATION NO. S84	7] /	
	050	ne Dyson		U10	-110		-AL	ham P (	COSVE C)	<u> </u>				1	1 2 6 1	111	_
CON CAS		LATITUDE	-	LON	IGITUDE				TIME (GMT)	DRY BULL	3 RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/I	ID
		EG MIN		DEG	MIN	DAY	МО	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	: : : : :	
08	335	842.7	921	달리 1	1.478	72	SEP	24	0248		71	1003	309	5,5	1 31	5 E 01	
	BE 9+			FLUOR S/N					WEATHER OBS	5: 		SFC/Bo	ttom Temp.		MAX.	DEPTH= 1210	m
	ress sn Ritemp s	N		SBE43-Oxy SBE43-Oxy					REMARKS:	Ken	NGDY -	Stevenso 21 on k	M w	ಎ೭	-1, 5EO	1	
s	EC TEMP S	SN		Transmisso	meter					مديم	"K5-	31104 K	<u> </u>	<u>,,, ,, , , , , , , , , , , , , , , , ,</u>	<u> </u>		~~~~
	RI COND S			PAR S/N	nson No				***************************************	آ ص	ALG	,,-,	6	DOT	ATA PRIM	MY Sausol	rs,
	IZC COND			Tor 11116 00					Bao	Connect	യ യ	SALWITY	13	P.,	PATA Prim		
												eDN.	A		Recorde	r Initials:	
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMEL		Chloro	!	Flow cyline	b R	Α	POE			Comments		Nis
No.	DESIRED		SALT	Nut.Btl	O2-Btl.No DIC/A	Alk	GFF V	ol >,1	10 Targe Vol		ol >10 dup	vol 5 <del>00 m</del> t					No.
1	70g	1	6	• 594					.,,,,,			E2493				<del></del>	1
2	50	<b>V</b>		*595			278		Χ								2
3	40	1		4					, 								3
4	40	/					278		×	x							4
5	30	1					2-78		· :/			E 2494					5
6	20	1		596			218		X	X							6
7	10	/					278		×	X		E2495		And the second second second			7
11-11-	SNRF		7	597	175		228		×	X							8
	**																9
10		<b>1</b>								<b>-</b>							10
10																	11
11			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										-		**************************************		12
12															ner .		<u> </u>
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VESS	EL	9.00		UISE ID	2410		PROJECT & L	EG M	2012's ju	СТВ	-ileName:				STA	TION NO.		
		ene dyson			71.0		TELL	1 (	205.					T	<u> </u>	I		
	NSC ST#	LATITUDE		LON	NGITUDE				TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	воттом	DEPTH	STA. NAME	/ID
<u> </u>	<del></del>	DEG MIN		DEG	MIN	DAY	МО	ΥR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m	1)		
Ü	84	38 9	971	521	ع ما ما	3 7 22	SEP2	4	0346		5 ي	1002	327	2.7		1 2 3	K51	
<del>                                     </del>	SBE 9+	<u> </u>		FLUOR S/N		11111	· · · · · · · · · · · · · · · · · · ·	П	WEATHER OBS				ttom Temp.			MAX.	DEPTH = 125	m
	PRESS SI			<del>-</del> 1	(prime)		·····		REMARKS:			KS L	•••••••			********		••••••
	PRI TEMP			SBE43-Oxy						<u> </u>	<u>-1 04</u>	KS L	سيدي	***********	***********		***************************************	
	SEC TEMI			Transmisso PAR S/N	meter		•		***************************************		<u>Jo Sans</u>	189					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	······
	SEC CON			<b>≒</b> I	nson No				***************************************				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
			•	_									~~~~~				······	·····
																Recorder	Initials:	
	nere:	- In	1	II. da Tas	DIACI		Chloro					POC			Col	mments		Nis
Nis	DEPTH		SALT	Hydro Tea	O2-Btl.No D	NC/Alk	GFF Vol	<u></u>	Large Vol	GFF Dup Vol	>10 dup v			_		THE TEST		No.
No.	DESIRE	<u> </u>	JALI	Nuc.BG	OZ-Bil.NO	AIK .	dir vor		y Large Vol	GIT BOD VO	10 000	3 300 1111	1				<del>, , , , , , , , , , , , , , , , , , , </del>	İ
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VESSEL			CRU	JISE ID			PROJECT				CTD	FileName:			STATION NO.	
	05ca	r Dyson		DY24	1-10		Fa'	1 M	oori	ing				-	 586	HI
CON CAST	DE DE STATE OF THE DE STATE OF THE STATE OF	LATITUDE  SG MIN  8 4 6 4	O N 1	LONDEG 5 2 0 FLUOR S/N SBE43-Oxy SBE43-Oxy Transmissor PAR S/N	IGITUDE  MIN  3 . 6  (prime) (sec) meter		хү мо 2 S E P	YR	TIME ( HR O 5	(GMT) MIN O 8 HER OBS:		3 7 9	SFC/Bo	ttom Temp.	 BOTTOM DEPTH (m) 1 2 7 . 4	STA. NAME/ID  K \$ 3  DEPTH =  22.15 m
S	EC COND S	<u>-</u>		O2 Tmp Se	nson No					***************************************					 	
															Recorder	Initials:
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMEL		Chlor	 D					POC		Comments	Nis
No.	DESIRED		SALT	Nut.Btl	02-Btl.No	DIC/Alk	GFF \	/ol >1	10 Large	. Vol	GFF Dup Vo	) >10 dup \	vol 500 ml			No
1															 ,	1
2	,														Patrick 1	2
3																3
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10								$-\parallel$			,			1	 	10
11						<b></b>								-	 B4 B 8 B 8 B 8 B 8 B 8 B 8 B 8 B 8 B 8 B	11
12				<u> </u>											 	12
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VESS	EL		CI	Ruise ID		-	PROJECT &				ileName:	***			STATION NO.	
	OSC	ar Dyson		DY24-	-10		Fal	M	soring	<b>`</b>					S87 1	d 1
	NSC								THE (CMT)	DRY BULB	RH	Droceuro	WIND DIRN.	WIND SPD.	ВОТТОМ ДЕРТН	STA. NAME/ID
CA:	ST #	LATITUDE	<del></del>		IGITUDE	DA	у мо	YR	TIME (GMT) HR MIN	(°C)	(%)	Pressure (mb)	(deg)	(kts)	(m)	STA. NAME/ID
	3 1	DEG MIN	1,, 1	DEG 5	7 . 8		2 S E P	5 5	0601	1 3 3 3			262	5	99.64	K 84
T.		850.1	4 <sub>N</sub> \	FLUOR S/N		* [W - [	-191-1	<u> </u>	WEATHER OBS	1 3 3 - 7	1 : 1 =	<del></del>	ttom Temp.	]		DEPTH = 95.73 m
	SBE 9+ PRESS SN			SBE43-Oxy					REMARKS:					***********		
	PRI TEMP			SBE43-Oxy	(sec)				,	1<	13-4	on KS	Lve			,
	SEC TEMP			Transmissor					***************************************			~~~~~~	~~~~~~			
	PRI COND SEC COND			PAR S/N O2 Tmp Se	nson No				Non	aicultist (	SONA	+024	4 Ch		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
												e DN F	4		Recorde	r Initials:
Nis	DEPTH	Rosette Notes	T	Hydro Tea	m-PMEL	<u></u>	Chloro		ion Cyto	metry		POG			Comments	Nis
No.	DESIRE	<u> </u>	SALT		02-Btl.No	DIC/Alk	GFF V			GFF Dup Vol	>10 dup v	∕ol 5 <del>00 m</del> I		1		No.
1	1309			°598	168	X									oscc soak du	cto current1
2	BOT					X						E2496				2
3	50			°599			×								. <u></u>	3
4	4 o						×									4
	30						X					E2497	•			5
5	25			600												6
7	10						×		*			E2498				7
8	500			1601		Х	X									8
9																9
10	<b></b>															10
11																11
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12																
	<b> </b>				- <b> </b>						<b></b>		-			· <b></b>
	<u></u>	Inline		<u> </u>						1						<u> </u>

VESS			CRI	JISE ID			PROJECT &		,		ileName:				STATION NO.		
	OSCAY	Dyson		DY2	4-10		Fall	Mo	oring						588	41	
CC CA	NSC ST #	LATITUDE EG MIN 8 5 3 . 9	5 N I	LOI DEG	MIN  I . 6  (prime) (sec) meter	7 w 2	Y MO 2 SEP	YR 2 4	TIME (GMT) HR MIN P 7 P 2	DRY BULB (°C)	RH (%) Ø 6 4	SFC/Bo	WIND DIRN. (deg) セタフ. ttom Temp.		BOTTOM DEPTH (m)  // 5 / 2	l	m
Nis	DEPTH	Rosette Notes	T	Hydro Tez	am-PMFI		Chloro					POC			Recorde		Nis
No.	DESIRED	NOSette Notes	SALT	Nut.Btl	O2-Btl.No	DIC/Alk	GFF Vo	1 > 1	0 Large Vol	GFF Dup Vol	>10 dup vo	⊩					No.
140.	DESINED		3/12/	Nacion	oc ounto												
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VESS			T	CRUISE ID				PROJECT &				CTD Fi	leName:			·	STATION NO.	1	
(	Sco	r Dyson		DY24-	-10			Fall	Mo	oric	19						S 8 8	<u> </u>	
CO CA	NSC ST #	LATITUDE DEG MIN S 8 5 7 . 0	5 N		GITUDE  MIN  5 . 8  (prime) (sec) meter	9 w		мо S E Р :	YR 2 4	TIME (	GMT) MIN PROBS:	توزس ک		SFC/Bot	WIND DIRN. (deg) Z S 7	WIND SPD. (kts)	BOTTOM DEPTH (m) 1 Y 7 . 3	STA. NAME/	1
													٠						
														eDNA			Recorder	Initials:	
Nis	DEPTH	Rosette Notes		Hydro Tear	n-PMEL			Chloro	FI	ow C	ytom	ietry		-₽⊖€			Comments		Nis
No.	DESIRE		SALT	Nut.Btl	O2-Btl.No	DIC/Alk	(	GFF Vo	<b> </b>	۔Large	Vʻol²	GFF Dup Vol	>10 dup v	Ol <del>500-</del> ml			<del> </del>		No.
1	BOT			*602		X								F2499					1
2	54	>																·.	2
3	5 ¢					~~~~											**************************************		3
4	10	· ·		°603				入											4
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6	30				•			X						E2500		/.			6
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8	10							X		X				E2501					8
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		Infine																	
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VESS				Ruise id			PROJ	ECT & L	EG		C	CTD Fi	leName:		,		STATION NO.	1 1 N
(	)s <u>cav</u>	DxSon		DYZ	1-10		F	all M	100	ring							S9Φ	П
										U								
~	NSC										1				WIND	WIND		
	ST #	LATITUDE		LON	NGITUDE					TIME (GMT)	DRY BU	JLB	RH	Pressure	DIRN.	SPD.	ВОТТОМ ДЕРТН	STA. NAME/ID
		DEG MIN		DEG	MIN		DAY M		YR_	HR MIN	(°C)	)	(%)	(mb)	(deg)	(kts)	(m)	: : } }
(1)	893	900.5	ZNI	514	1 2	3 w 2	225	PZ	14	4908	$\beta \phi \beta$	. 2	478	løøø	238	Ø2	115.7	K 57
	SBE 9+	37 1 17 1 - 1		FLUOR S/N		• ,			11	WEATHER OB				SFC/Bo	ttom Temp.			DEPTH=110 n
	PRESS SN			SBE43-Oxy	(prime)			_		REMARKS:								****
	PRI TEMP S	SN		SBE43-Oxy	(sec)			_		~,	JUTUL	<u>'دې'</u>	75 + C	<u> </u>				***************************************
	SEC TEMP			Transmisso	meter		-	_				<u>.e</u>	PNA.		~~~~~~			······
${\mathbb H}$	PRI COND			PAR S/N			<u></u>	_			********				****	**********	***************************************	-4-4-2-2.42.414.62-2.444.44-6-6-4-7-4-7-7-7-7-7-7-7-7-7-7-7-7-7-7
	SEC COND	- SIN		O2 Tmp Se	HISUR NU			_		74114444444	***************************************		****************	***************************************			,	*************************
											•••••	~~~~			·····	······	***************************************	······
																	Recorder	Initials:
Nis	DEPTH	Rosette Notes		Hydro Tea	m-PMEL			Chloro	F	lowCyto	redny		eDNA	POC			Comments	N
No.	DESIRED	,	SALT	Nut.Btl	02-Btl.No	DIC/Alk		SFF Vol	> 1-6	9-Large Vol	GFF Dup	Vol	>10 dup vo	500 ml				N
1	BOT			°606	215	×			Ī				E25 0	y 				
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VESSEL	·		CRI	Jise ID			PROJECT &	LEG	١.	CTD F	ileName:				STATION NO.	* ) }
<u></u> _O	Scavi	Son		DY 2	24-10		Fall	Μo	oring				*****		591	H
	T								U							
CONS	sc											•	WIND	WIND		
CAST		LATITUDE		LOI	NGITUDE	_	r		TIME (GMT)	DRY BULB	RH	Pressure	DIRN.	SPD.	BOTTOM DEPTH	STA. NAME/ID
	DE	_ { _ { _ ( _ ( ) } ) }	<b>&gt;</b>	DEG	MIN	DAY	MO	YR	HR MIN	(°C)	(%)	(mb)	(deg)	(kts)	(m)	
99	05	994.6	9 N 1	5 13	5 . 5 2	2 w 2 2	SEP	44	1011	09.4	475	I Ø ØØ	163	$ \Psi 7$	· · · · · · · · · · · · · · · · · · ·	K S8
	E 9+			FLUOR S/N					WEATHER OBS	:		SFC/Bo	ttom Temp.		MAX.	DEPTH = 45 m
	ESS SN		1	11	(prime)				REMARKS:	***************************************	.7 <	L			***************************************	
_	I TEMP SN			SBE43-Oxy Transmisso					***************************************		No Sa		***************************************	*************	***************************************	,,,,
	I COND SI			PAR S/N					***************************************							**********
	C COND S			51	enson No											
										······································						
Н																
H																
															Recorde	r Initials:
	DEDT:	D N 1 1 1	[	I banker 'T'	DME!		Chloro	1				POC			Comments	Nis
11 11-		Rosette Notes	SALT	Hydro Tea Nut.Btl	O2-Btl.No D	IC/AIL	GFF Vo	y _ 1	0 Large Vol	GFF Dup Vol	>10 dup va				Continents	No.
No. [	DESIRED		SALI	Nuc.bu	OzBuino D	ILI AIK	311 VC		o cargo voi	131. 20p voi	- 15 dap v					
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VESSE			CRL	JISE ID				OJECT & LI				CTD Fil	leName:				STATIO		<b>.</b>	
	<u>)5ca</u>	r Dyson		DY24	1-10			Fall	Mo	orin o	\					·y····	59	2 H	1	
CON CAS	isc r#	LATITUDE EG MIN 8 43.8	13/	LON DEG 5 3 1 FLUOR S/N SBE43-Oxy SBE43-Oxy Transmisso PAR S/N	NGITUDE MIN  (prime) (sec)	8 0 2	2 S	мо ЕР2	rR J H l	IME (GMT) HR MIN H 3 H EATHER OBS:	DRY B	<u> </u>	RH (%) 8 1		WIND DIRN. (deg)	WIND SPD. (kts)	BOTTOM DI	57	STA. N. SK.	
Nis	DEPTH	Rosette Notes		Hydro Tea	am-PMEL			Chloro						POC			Comr	Recorder ments	Initials:	Nis
No.	DESIRED		SALT	Nut.Btl	02-Btl.No	DIC/Alk		GFF Vol	>10 L	arge Vol	GFF Du	ıp Vol	>10 dup v	ol 500 ml						No.
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VESSE			CRUISE ID		PROJECT & LE			ileName:			-	STATION NO.	
C	Sca	r Dyson	0724	1-10	Fall	Moorin	9		101.00			S93 H	
S P P S	T#	N	DEG	(prime) (sec) meter	DAY MO V	TIME (GMT R HR MIN H 1 5 1 8 WEATHER OF REMARKS:	(°C)	RH (%)   8		WIND DIRN. (deg) ) (deg) ttom Temp.	WIND SPD. (kts)	BOTTOM DEPTH  (m)  7 3  MAX. C	STA. NAME/ID  SKA  DEPTH= 168 m
NED.	DEPTH	Rosette Notes	IIt T	- 0.0	Lui GUL SI			•	1			Recorder	
I ⊩	DESTRED	SALT	Hydro Tea Nut.Btl	O2-Btl.No DIC/A	Chloro Alk GEF Vol	>10 Large Vol	GFF Dup Vol	>10 dun vel	500 ml			Comments	Nis No.
	2011 112		Nacion	OZ DELINO DICIT		770 Large Voi	GIT DOD VOI	> TO dup Voi	300 1111				NO.
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VESSEL			CRUISE ID		PR	OJECT & LEG			CTD Fi	leName:				STATION NO.	1)	1
05	3car	pyson	DY 24	-10		Fall M	loori	ng						S94 H	7 1	4
PF PF SE	# DI	N	DEG	(prime)	DAY Z Z S		3 3	MIN 20 ER OBS:	DRY BULB	RH (%)		WIND DIRN. (deg) Som Temp.	WIND SPD. (kts)	BOTTOM DEPTH  (m)  LS8  MAX.	STA. NAME/ID  STA. NAME/ID  DEPTH= 150 m	
				41114							EDNA			Recorde		
Nis	DEPTH	Rosette Notes	Hydro Tear			Chioro	Flow (			1 FCN	<del>-P0</del> €		_	Comments	Ni No	- 1
No.	DESIRED	SALT	Nut.Btl	02-Btl.No DIC/A	Alk .	GFF Vol	≽10-Large	- Vol	GFF Dup Vol	>10 dup vo	500 ml				170	$\dashv$
1	B07		0610						<u> </u>						1	닉
2	BOT	/	-								Easos		_		2	2
3	50	<b>V</b>	o lell			X	X									3
	40					×	X	-,		1						4
14	30					×	X			1 /	E2506					5
5						X	<u> </u>			X						6
6	20	/	0612				×			12	E2507					7
7	10					×	1			+ <del>-</del> ×						8
8	SURF	/	2 -613	197			12			<del>                                     </del>						
9							<b></b>									9
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12						:-									1	12
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		Inline												· · · · · · · · · · · · · · · · · · ·		i
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VESSEL		CRUISE ID  DY 24	10	PROJECT & LE	Moorang	CTD Fi	leName:			STATION NO.	<i></i>
	Le Dyson	5101		1 7 200	1- (3-(3-4)		ı ı			519	16
CONSC CAST #	LATITUDE DEG MIN	LONGITUE DEG M	IN DA'	Y MO Y		DRY BULB	RH (%)	Pressure (mb)	WIND WI DIRN. SP (deg) (k	ts) (m)	STA. NAME/ID
094	5838.192	15250.	75 W 2	2 S EP 2	41721		81	990	782	3 178	5 K4
SBE 9+		FLUOR S/N			WEATHER OBS	\ . <del>\</del> \			tom Temp.	MAX.	DEPTH = 17/m
PRESS S			e)		REMARKS:				***************************************		
PRI TEM		SBE43-Oxy (sec)	,		***************************************	***************************************			•/		
PRI CON		PAR S/N				FACE CL	170 >	<u>enples</u>	***************************************	***************************************	·····
SEC CON	ID SN	O2 Tmp Senson N	No				*******************				*****************************
					***************************************						
										Recorder	Initials:
Nis DEPTI	Rosette Notes	Hydro Team-PM6		Chloro				POC		Comments	Nis
No. DESIRE	D SALT	Nut.Btl 02-B	tl.No DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vo	500 ml			No.
1											1
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VESSEL			CRUISE ID		PROJECT & LEG	G \ A	CTD Fi	ileName:			STATION NO. 596	.,,
Ĉ	Scar	e Dyson	DY	2410	FALL	- Moor					3 10	Ht (
SBE PRE PRI SEC	5 5 5	836.239	DEG	(prime) (sec) meter	DAY MO Y		(°C)	RH (%)		WIND DIRN. SPD. (deg) (kts SSS) a Com Temp.	BOTTOM DEPTH ) (m)	STA. NAME/ID  SK5  DEPTH = 56 m
	ii.							·····	POC		Comments	Nis
		Rosette Notes	Hydro Tea		Chloro	. 101 1/-1	GFF Dup Vol	~ 10 dim · · ·	_		Comments	No.
No. D	ESIRED	SALT	Nut.Btl	02-Btl.No DIC/Alk	C GEF VOI	>10 Large Vol	GFF Dup Voi	>10 dup vo	л 300 mi			, No.
1	11.											1
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VES		<b>}</b>	CRUISE ID	.2410	PROJEC	T & LEG	Moore		CTD Fil	eName:				STATION NO. 597	41
	<u> </u>	CAE DYSON	ע	.0-110		LACTURE SAME	Tuexa		<i>a</i>						
												14771.17	WIND.		
	NSC ST #	LATITUDE	LON	GITUDE			TIME (GM	<b>лт)</b>	DRY BULB	RH	Pressure .	WIND DIRN.	WIND SPD.	ВОТТОМ ДЕРТН	STA. NAME/ID
	1	EG MIN	DEG	MIN	DAY MO	YR		MIN	(°C)	(%)	(mb) <sup>^</sup>	(deg)	(kts)	(m)	
۵	96 5	7 43.368	·· it	7.485	2355	P 24	1 14 9	42		87	977	337	117	1 1 1 1 1 1 1 3	
	SBE 9+ PRESS SN		FLUOR S/N SBE43-Oxy				WEATHER				SFC/Bo	ttom Temp.		MAX.	DEPTH= 170 m
	PRI TEMP SI	٧	SBE43-Oxy				REMARKS:		Cik	CINIAX	Mosi-	ع <sub>لا</sub> 2	ري		
	SEC TEMP S		Transmisso	meter 1				OΝ	<u> </u>	UTRICA	<u> </u>	TLES !	_467		
	PRI COND S SEC COND S		PAR S/N O2 Tmp Se	nson No			***********	******	****		**************		*****	***************************************	
	SEC CORD (			113011 110								~~~~~~~~			***************************************
					<										
														Recorde	r Initials:
Nis	DEPTH	Rosette Notes	Hydro Tea	m-PMEL	Chlo	жо .					POC			Comments	Nis
No.	DESIRED	SALT	Nut.Btl	O2-Btl.No DIC/A	lk GFF	Vol >	10 Large Vo	ol G	FF Dup Vol	>10 dup vo	1 500 ml				No.
1	Boï		614								·				1
2	B07						and annual to the second and the second								2
3	100	1	615										١.		3
4	100	/													4
5	50	<b>V</b>	lelle												5
6	40	/	617												6
7	30	/	618												7
	20	/	619									-			8
8	SURF	/	011												
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