VESSEL Oscar Dyson		DY1609		BASIS Leg 1		CID FIBNAME	eName:			1	STATION NO.	
CONSC CAST#	CATITUDE	3	LONGITUDE		TIME (GMT)	DRY BULB	£	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ ВЕРТН	STA. NAME/ID
DE0 1 55	100	DEG 17 4	- 5 Z	23 A n 1 6		(5)	160	(mb) / 0 0 5		(kts)	(E)	
1 + 9	0	FLUOR	72	4502 5/	WEATH			SFC/Bo	SFC/Bottom Temp.		MAX. DEPTH =	ш 06 = нц
PRI TEMP SN SEC TEMP SN PRI COND SN	1.1 1.1	SBE43-0xy (sec) Transmissometer PAR S/N	16/23	75 1066 PR 1296	REMARKS:	REMARKS: Droblem with Possible touth	T Total	with when, touched bottom	ton,	Red	winch, Redid with m	nam file
SEC COND SN	N 3127	Oz Trup Senec	OZ TIMP SENSON NO.  TUTB FLN705	502	pre-	have	200	The same	) )	3	pre-combusted filters used for chillents	Z) Z
DEPTH R	Rosette Notes	Hydro Te	Hydro Team-PMEL	Chloro				200	_	_	Comments	Nis
No DESIRED	SALT	Nut.Bts	O2-B#:No DIC/Alk	GFF Vol >1	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml				ON.
452	243	3 721										-
75		222		· 注						_		2
50		713		>								3
ah.		h24		>							200	4
350		725		>						-1	Leaky Bottle	40
20		924		>	/						,	9
0		727		>	>							7
٥		728	118	À		4				-		80
					200000000000000000000000000000000000000							6
1										-		10
												1
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										_		

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:	Name:				STATION NO.	
Oscar Dyson		DY1609		BASIS Leg 1							200	
CONSC	BOUTTA	2	ONGTHE		TIME (GMT)	# A	1	900	Q Z	QNIN	u toad Motto	CTA MANEEN
+	DEG MIN	DEG	MIN	MO	HR MIN	20 Q	(%)	(qw)		(kfs)	(m)	SIA. NAME/ID
0025	0 0	1625	9 - 8 w	o ⊃ ∢	4		860	101	4	2	580	002
SBE 9+	0722	FLUOR S/N	FLINTUS	40	WEATHER OBS:			SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH =	TH=
PRESS SN	60	SBE43-Oxy (prime)										g
PRI TEMP SN	1/4	SBE43-0xy (sec)	V(Sec) 12+3		REMARKS:							
PRI COND SN	29	PAR S/N	1		0	3	Caldey A	nidale				
SEC COND SN	10 SN 3 127	02 Tmp Senson No.	enson No.		7 6	0-	200	4	10	2)	TATE ON CAL	- (en 165
Tage 1	Instrument Notes: Two bidity: FLNTMS 2057	LNTMS	2057						5			
	7.										Recorder Initials:	els:
NIS DEPTH	Rosette Notes	Hydro Team-PMEL	IM-PMEL	Chloro			A STANSON	ьос			Comments	N.
No DESIRED	SALT	Nut.Btl	O2-Bt.No DIC/Alk	GFF Vol >10	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml				No
-80+	5	729	* +0									-
2 60		730								4		2
3		73		Ì					N (0)			6
4		732		1				/6/2 (197)	3			4
5 30		733		\								ιΩ
8 20		734		\	\							9
7 10		735		\	\							7
0		736		\								8
on							200000000000000000000000000000000000000					đ
10												10
F												Ŧ
12												12
_	Infine											-

DV1609	VESSEL		CRUISE ID			PROJECT & LEG	1000	CTD FileName:	Name:				STATION NO.	
Chief   Cuttode   Condition   Chief	Oscar Dyson		DY1609			BASIS Leg 1			2	V	1560	-0	Under	700
Secondary   Decoration   Deco	CONSC CAST #	LATITUDE	2	ONGITUDE			TIME (GMT)	DRY BULB	Æ	Pressure		WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
1		ш	i 1	Wiin	DAY	MO	HR	(၁,)	(%)	(qm)		(kts)	(m)	8.25
Page 28   Page	8		z	•		ے و								
FREEDRING SN SERVICE SN SECOND GOWN)  FREEDRING SN SECOND SN STORE SN SECOND GOND SN SECOND SN S	SBE 9+			Į į						SFC/Bc	ttom Temp.		MAX. D	EPTH = m
FINE SIN SERVICE S	PRESS SI	2	SBE43-0)	cy (prime)										
Transfersionnee   Transfersi	PRI TEM	NS	SBE43-0)	cy (sec)			F		ŀ				,	
FOCOD SN	SEC TEM	P SN	Transmiss	someter			REMARKS:	154	5	5	しかる	2	さるしの	505
DEPTH Revells Note:  DEPTH Revells Note:  THATO Team-PME.  Chicko  CHENCA  SALT Nut Bit OC-88 No Dic/AA.  GFF VAI >10 Large Vol >10 due vol 500 mil  SOM THATO TEAM-PME.	NO PRE CON	NS O	PAR S/N	N cosee			100	Q.						ě
DEFTH Tresents fromes Hydro Team-PMEL Chloro DESIRED DESIRED DESIRED SALT Nucleii O2-88 No DICAR GFF Void >10 Large Void >10 dup, void >50 mill S00	Instru	ment Notes:												
DEPTH         Rojectité kivitée         1 hydro Team-PMEL         Chhono         PDC           DESIRED         SALT         Nuk Bil         02-88 No DIC/Alk         GFF Vol         >10 Large Vol         GFF Dup Vol         >10 dup vol         500 mil           International Comment         SALT         Nuk Bil         O2-88 No DIC/Alk         GFF Vol         >10 Large Vol         500 mil													Recorder II	vitials:
DESIRED  SALT NALBII OZ-BILNO DICIAIK  GFF Voil >10 Large Vol GFF Dup Vol >10 dup vol   10 dup v		_	Hydro Te	am-PMEL		Chloro				Poc			Comments	SZ
Sh	No DESIRE				IC/Alk	4250		1 1	>10 dup vol	500 ml			00000	N N
Sh	-													1
Sh	2													2
Sh	6		(c											8
Sh	4													4
Sh	50													10
Sh	9													9
Sh	7								000 ET 1000		000000000000000000000000000000000000000		10 10 10 10 10 10 10 10 10 10 10 10 10 1	7
Sh	00													8
Sh	ā					4.000			300000000000000000000000000000000000000					on.
Shi	2											_		10
Shi	F													#
271 MIN	12													12
125/												_		
THE STREET	-	inline				>								

					ε	Ì						Ž	ž		2	n			9	7	80	0	9	£	12		-
		STA. NAME/ID			EPTH= \$5				coules	1	itials:						2 to c/20	Son Inches									
STATION NO.	200	ВОТТОМ БЕРТН	Œ	09	MAX. DEPTH =				Ch. 1		Recorder Initials:	Comments			4		othe fail	855. bly 4,1/4	sco hilasum								
		WIND SPD.	(kts)	90					ò								M	A	Š			2000					_
		WIND		~	m Temp.				200	<u>_</u> :		Coco							>								
	ĺ	Pressure	(qm)	2	SFC/Bottom Temp.			1245	J. C.	3		Poc	500 ml														
				7			9		Cr re	0.0				DOM:	1			1200	(C) (C)	angle.		300	2,550				
CTD FileName:		꾶	(%)	00				7	18				>10 dup vol														
CTD	-	DRY BULB	(0°)	3 4				NOT FI	5	\$			GFF Dup Vol		5 5						6 6 6 6 6 6 6 6 6 6 6 6 6 7 7						
	or the same	TIME (GMT)			WEATHER OBS:		F	EMPARTO		may best accounted			>10 Large Vol					フ			1						
\$ LEG	-69 1		¥		3	_	-	2					-		1000		326	.15 m	AND VIOLENCE OF THE PARTY OF TH	pd 7 mg	e Quei	Resis	20504	Now Miles	9000	ALTER O	1000
PROJECT & LEG	BASIS Leg 1		MO	9 n								Chloro	GFF Vol	<b>/</b>	7	>		>	Y					i			
			DAY	h2																							
		111		w 09									No DIC/AIR							-							
		LONGITUDE	M	~ 0	z	(buud) ki	ry (sec)	ollele	O2 Tmp Senson No.			Hydro Team-PMEL	O2-Bil.No						3		X						
CRUISE ID	UY1609	rc	DEG	N	FLUOR S/N	SBE43-Oxy (pnme)	SBE43-Oxy (sec)	DAD CAN	O2 Tmp S	ie.		Hydro Te	Nut.Btl	737	738	739	240	741	2 h/				,				
5 6	7			7 1	H	1	†						SALT						74								
		LATITUDE		M						Notes:		Rosette Notes															
	Jyson	, # Q #	DEG	M	+6.	FKESS SN	PRI TEMP SN	SECTION ON	SEC COND SN	Instrument Notes:		DEPTH RO	DESIRED	307	0h	30	02	0	0			Daniel Control				17.22	
VESSEL	Oscar Dyson	CONSC CAST#		00	SBE 9+	Ĭ	£ .					N N	NO DE	- 13	2 4	(n)	10	20	9	7	00	0	9	   E	12		-

STATION NO.	WIND BOTTOM DEPTH STA. NAME/ID	Œ	0	MAX. DEPTH =	3	4.65		or march 1 last Vic	Recorder Initials:	Comments	ů,	-	2	8	4	S	9	7	8	6	10	1.	12	
	WIND WI	(deg)	9	SFC/Bottom Temp.		+ 10	1.444	2 P. C.	Chad									NAME OF TAXABLE PARTY.						
	Pressure	(qm)		SFCA		20	0	523	00	Poc	S00 ml													
CTD FileName:	Æ	(%)	022			1	2	Start work	2		>10 dup vol					<u>.</u>								
CID	DRY BULB	(0)				1 - F. J.	11100	lon = clad work	1		GFF Dup Vol													
	TIME (GMT)	2 0	L750	WEATHER OBS:		REMARKS:	0	0 6	)_2		>10 Large Vol					\	1							
PROJECT & LEG BASIS Leg 1		MO	u g 1 6	Z057	1	al a			19	Chloro	GFF Vol >10 L		\	1	\	\	\	\			- 10			
		0 0	7 M	I Als		7029			(to		DIC/Alk				~									
	LONGITUDE	WIIN	5	A Seption	, a	ometer CST	Suson No.		NS 20	am-PMEL	O2-Btl.No DIC/Alk	037												Order market between markets between
CRUISE ID DY1609	91	DEG	0 0	FLUOR S/N	SBE43-0xy (sec)	Transmissometer PAR S/N	O2 Tmp Senson No	]	FINE (	Hydro Team-PMEL	NutBtl	744	745	746	747	348	749	354			_			
	LATITUDE	WIN		2750	14	A U	3	Instrument Notes:	Turbiding: FLINTUS 2057	Rosette Notes														
VESSEL Oscar Dyson	CONSC CAST #	1		SBE 9+	PRI TEMP SN	SEC TEMP SN	SEC COND SN	Instrum		Nis DEPTH	No DESIRED	10)	50	3 40	000	_		0 '	8	6	9	11	12	

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName:	Name:				STATION NO.	
Oscar Dyson		DY1609		BASIS Leg 1								€ 5
CONSC CAST #	LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB	£	Pressure	WIND DIRN.	WIND	ВОТТОМ БЕРТН	STA. NAME/ID
-	DEG MIN	DEG	DAY	MO YR	HR	(0)	(%)	(qm)	1	(kts)	(m)	
0055	5730.25N	15959	57w25	A u g 1 6	1154	144	09.1	4	238	12	055	800
SBE 9+	2240	FLUOR S/N	FLNTING 20	450	WEATHER OBS:			SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH =	EPTH=
PRESS SN	27.40	(a)	1910									57.60
SEC TEMP SN	4	SBE43-Oxy (sec)		20	REMARKS:		0	-				
PRI COND SN	5 3	. •	7029L			Cocce	いた	00				
SEC COND SN	DSN 3127	O2 Tmp Senson No.	`			100 may to 10	100	to is				
Instrur	Instrument Notes:					S	*	)				
	Turkishity	Turkishity: FLINTINS 2057	50								Recorder Initials:	itials:
NIS DEPTH	Nis DEPTH Rosette Notes	Hydro Team-PMEL		Chloro				Poc			Comments	Ž
No DESIRED	SALT	Nut.Btl O2-8tt.No DIC/Alk	DIC/Alk	GFF Voil >1	>10 Large Vol	GFF Dup Vol >	>10 dup vol	500 ml		Н		No
1 50		154		/								-
2 40		752		/								2
3 30		753		/								6
23		茶		\	\							4
01 8		755		/	1							ĸ
0		756 HZ		/								9
7												7
- 00												8
on.												6
2												10
1												11
12												12
_	inine									_		=

		Г	T <sub>N</sub>	ε						ž	ž	-	2	6	4	5	9	7	60	00	9	=	12	_
707	STA NAME		756002	MAX. DEPTH =					oltlats:															
STATION NO.	BOTTOM DEPTH	(E)		MAX. [					Recorder Initials:	Comments														
1.2	WIND	(kts)	-							L	Щ		_			_								
	WIND		-	SFC/Bottom Temp.																				
	Pressure	(mb)		SFC/Bot						POC	500 ml													
. Nате:	표	(%)								STREET, STREET	>10 dup vol													
CTD FileName	DRY BULB	(0,)	ŀ							では、	GFF Dup Vol													
	TIME (GMT)	HR MIN		WEATHER OBS:		REMARKS:				<b>建設是建設</b>	>10 Large Vol													
PROJECT & LEG	-	MO YR	u 0 1							Chipro	GFF Voi >10 L													>
PRC		DAY	<									94336 00003		Care San	80				inc o	Pare				
	LONGITUDE	MIN	9 . 9		rime) ec)	ter	N No.			PMEL	O2-BILNo DIC/Alk													
CRUISE ID	POOL	DEG	709	FLUOR S/N	SBE43-Oxy (prime) SBE43-Oxy (sec)	Transmissometer	O2 Tmp Senson No.			Hydro Team-PMEL	Nut.Bil O													763
<u></u> 0			z 9								SALT									9-09-0-1		Track to		941
	LATITUDE	_	1826		z	N.	NS NS	Instrument Notes:		Rosette Notes	歌時話的經濟													edin.
VESSEL Occar Duson	CONSC CAST #	DEG	ַּת	SBE 9+	PRESS SN PRI TEMP SN	SEC TEMP SN	SEC COND SN	Instrum		Nia DEPTH	No DESIRED	-	2	9	4	90	9	7	- ad	0	0.00	-	12	

	٥		7	Ε		T			-			Ž	Ž	-	7	9	4	40	ဖ	7	00	6	5	=	12	Ξ
900	STA. NAME/ID		00	MAX. DEPTH = 5-4							itials:															
STATION NO.	ВОТТОМ БЕРТН	(w)	53	MAX. C							Recorder Initials:	Comments														
	WIND SPD.	(kts)	57									L	Ц					-					_	<u> </u>		
	WIND V		~	п Тептр.																		200000000000000000000000000000000000000				
	Pressure	-	9	SFC/Bottom Temp.								POC	500 ml											1,0		
vame:	품	(%)	0931										>10 dup vol													
CTD FileName:	DRY BULB	(0,	143										GFF Dup Vol >													
	TIME (GMT)	HR	1222	WEATHER OBS:		REMARKS:							>10 Large Vol				>	>	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
PROJECT & LEG BASIS Leg 1		MO YR	и 9 1 6	_	-							Chloro	GFF Vdf >10	>	^	\ \ \	>	>	N				1423	1000		
PR		DAY	w 25 A										DIC/Alk	essa.				archiv.	OR CHIEF			Sec				
	LONGITUDE	MIN	69.6		(prime)	sec.)		son No.				n-PMEL	O2-BILNo DIC	29/												
CRUISE ID DY1609	ron	DEG	6509	FLUOR S/N	SBE43-Oxy (prime)	Transmissometer	PAR S/N	O2 Tmp Senson No.				Hydro Team-PMEL	Nut.Bit	754	25%	150	7/20	7/6/	767							
් ර			z >				-						SALT	2h/x												
	LATITUDE		736.2							III MOIES.		Rosette. Notes														ínine
VESSEL Oscar Dyson	CONSC CAST#	DEG	75400	SBE 9+	PRESS SN	SEC TEMP SN	PRI COND SN	SEC COND SN		IISU UITRIL NOIGS.		NIS DEPTH R	No DESIRED	, Bot	2 40	-	and the last	01	<u>.                                    </u>	,	8		9	1	20	

VESSEL Oscar Dyson		CRUISE ID DY1609	PROJE	ROJECT & LEG		CTD FII	CTD FileName:				STATION NO.	
CONSC CAST#	LATITUDE	LONGITUDE			TIME (GMT)	DRY BULB	£	Pressure	WIND DIRN.	WIND SPD.	воттом рертн	STA, NAME/ID
-	DEG MIN	DEG MIN	DAY MO	Ř	HR	(0,)	(%)	(qm)	(deg)	(kts)	(m)	
067	5759.94 x	85091	" × 92 M 68	9 1 6	0140	14.8	100	1026	11		44	400
SBE 9+	0322	FLUOR SIN FLIN	FLNTAS 2057	-	WEATHER OBS:			SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH =	PTH= m
PRESS SN	3	SBE43-Oxy (prime)	1961									
PRI TEMP SN		SBE43-Oxy (sec)	18 +3									
PRI COND SN	DSN 2985	PAR SN	70296 70296	2	KEMAKKS:	Municipal Commence ( 2000) 100 Commence ( 1000)	Kine @	20m	15	0	7 4 4 4	
SEC COND SN	1	enson No.					)			) )		
Instr	Instrument Notes:											
	Tubidit	Turbidity FLNTAS 2057	£50	elita i								
T OFF	Presents Andree	Hodm Team-PMEI	CHO					D04		Ļ	Comments	N. C.
			1000	2 5	2000	2	MANAGED AND AND AND AND AND AND AND AND AND AN			+		
No DESIRED	SALT	Nut.Bii 02-Bii.No	DICAIR	GFF VOI >10 L	>10 Large Vol	GFF Dup Vol	>10 dup vol	300 m		4		Ž.
-4		764		N.						-		-
2 30		765	/	1								2
3 20		99t	\ 		\					_		3
5		F9±			\							4
0		191 891	1									9
9		-										9
1							0			_		7
00												8
0												6
9 0										_		10
-									200 M			-
12												12
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1								The same of the sa				

VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName	eName				STATION NO.	
Oscar Dyson		DY1609		BASIS Leg 1								2008
CONSC CAST #	LATITUDE	O7	LONGITUDE		TIME (GMT)	DRY BULB	£	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ ВЕРТН	STA. NAME/ID
-	DEG MIN	DEG	MIN DAY	Y MO YR	-	(0,)	(%)	(mb)		(kts)	(m)	
00 45	700 23	2	9.90 w3	A u g 1 6	44019	139	1960	023	12	Ct	63	800
SBE 9+		FLUOR S/N			WEATHER OBS:			SFC/Bott	SFC/Bottom Temp.		MAX. DEPTH =	PTH= m
PRESS SN	7.	SBE43-Oxy (prime)	(prime)									
PRI TEMP SN	NS d	SBE43-Oxy (sec)	(sec)									
SEC TEMP SN	AP SN	Transmissometer	meter		REMARKS:							
SEC COND SN	NS OF	O2 Tmp Senson No.	nson No.									
	Instrument Notes:	}										
											Recorder Initials:	ials:
NIS DEPTH	- Rosette Notes	Hydro Team-PMEL	m-PMEL	Chloro			最大なな	Poc		L	Comments	N.
No DESIRED	SALT	Not.8tl	O2-Billino DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup voi	500 ml				No
158		769	(50	\								-
2 40		770		/			9					2
9		144		\								6
3		772		/	\							,
9		773		\						100	Lyche Softes	Lumped; 5
0	***	774		\								8
1												7
ac			8 4 4 7 7 9 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									80
0.00												6
10			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									10
=												
12												12
		-										
-	inine									Ц		
			100									

VESSEL		CRUISE ID		PROJEC	PROJECT & LEG		CTD FileName:	Name:				STATION NO.	
Oscar Dyson		DY1609		BASI	BASIS Leg 1		2.8					7	600
	LATITUDE		LONGITUDE			TIME (GMT)	DRY BULB	₽	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ ВЕРТН	STA. NAME/ID
DEG	MIN	DEG	WIN	DAY MO	YR	HR	(2,	(%)	(mp)		(kts)	(w)	
27200	0	-	20	<b>→</b>	(0		13.8	095	1027	053	10	47	600
\$BE 9+		FLUOR S/N			-	WEATHER OBS:			SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH =	PTH= 4/ m
PRESS SN		SBE43-(	SBE43-Oxy (prime)		<b>S</b> core								
PRI TEMP SN		SBE43-(	SBE43-0xy (sec)		_								
SEC TEMP SN		Transmi	Transmissometer		œ	REMARKS:							
PRI COND SN		PAR S/N	-		_								
SEC COND SN		O2 Tmp	O2 Tmp Senson No.		_								
Instrument Notes:	ŭ												
i i		1	100		- 大型部門は開発し				000			Necorder Initials:	
N S DEPIH ROSette Notes	a Notices	Olbur	eam-rwcr	No.			36	STREET, STREET	3		+		
No DESIRED	SALT	Not.Bill	O2-BILNo DIC/AIK	Alk GFF Vol	1000	>10 Large Vol G	GFF Dup Vol	>10 dup vol	200 ml				ON I
1.40		775	10										-
300		776	0	/									2
3 20		444	7			\							8
0 4		375	~	>		\							4
0	h	PFF 8	704	/									5
9			-		No.								9
7													7
a c					GUID								8
a				d a									6
Q.										6			10
T					9002								11
12													12
inline	g												-
				120									

COUNTY   C	VESSEL	CRUISE ID	PROJECT & LEG		CTD FileName:	lame:				STATION NO.	
Color   Colo	Oscar Dyson	DY1609	BASIS Leg 1							0	0
CCC   MIN   CCC   MIN   CCC   MIN   CCC   MIN   CCC		LONGITUDE			DRY BULB		ressure		WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
TOCT 29, "CAN   COLOR OF AT   TOCH   15 .6   COLOR	DEG MIN	DEG MIN	MO	Z	-	(%)	(qm)		(kts)	(E)	
New Color   New	105729	2N16259.92W	A u g 1 6	1602	_	82/		50		63	
REGISTANCE   SECTION (CONTROL OF CONTROL O	\$8E 9+			FATHER OBS:			SFC/Bott	от Тетр.		MAX. DE	170
REMUTES   STATE   Parameterization   REMUTES   COLO SCATE   COLO SCA	PRESS SN	SBE43-Oxy (prime)									
Process   Proc	SEC TEMP SN	Transmissometer			800	Som	9		5		
Instrument Notes:   C2 Tro Seron No.   C2 Tro Ser	PRI COND SN	PAR S/N		)							
The property Notes:   Part	SEC COND SN	O2 Tmp Senson No.									
DEPTH   Province Notices   Hydro Team-PMEL   Cohor	Instrument Notes:		- 1 2.58								
DEPTH Respite Values         Hydro Team-Puter         Choos         Footnotests         POC         Comments           Total Solution In Solution Soluti										Recorder Init	:sla:
30   780   477   We have been been been been been been been be	DEPTH	Hydro Team-PINEL	Chloro	<b>新工作。</b>			DOG			Comments	Ž
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16 787 V V COCO Sample	-	787	>	>		100 No. 100 No					3
284 N (2000)		787	>	>							4
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		5	טוי שכוטעט			133	PROJECT & LEG		<u>ב</u>	C.O. FIIBINAMIE.				ON MICHAIN	510	
Oscar Dyson		۵	DY1609			BAS	BASIS Leg 1								78	
CONSC CAST #	LATITUDE		δ <sub>2</sub>	LONGITUDE				TIME (GMT)	DRY BULB	ω Ξ	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA, NAMERD	٥
╀	DEG MIN		DEG	MEN	-	DAY MO	Ϋ́	HR MIN		ļ	(mb)	$\vdash$	1	(m)		
0 10	5700.00	N Z	629	6	<i>w</i> ≥	27 A u	1 6	0144		2085	102	0		e	3	~
SBE 9+	722		FLUOR S/N		FLNTU	FLNTUS-2057	_	WEATHER OBS:	ë		SF(	SFC/Bottom Temp	,   	WAX	MAX DEPTH =	٤
PRESS SN	722		SBE43-Oxy (prime)	(prime)	15	1961										
PRI TEMP SN	SN 2376		SBE43-Oxy (sec)	(sec)	18	1875	7									
SEC TEMP SN			Transmissometer	neter –	CST-1	CST-1066PR	9 A	REMARKS:								
PRI COND SN	SN 2985		PAR S/N	No No	20	70296		25	O	No se con A Color	6	8	5	No		
en la	Instrument Notes:		; I							)	5	)	1	Recorder initials:	mittals:	
Nis DEPTH	Rosette Notes		Hydro Team-PMEL	n-PMEL		Chloro	٥				POC	O		Comments		Nis
No DESIRED		SALT	Nut.Btl	O2-Btl.No	DIC/AIK	GFF VO	To the	>10 Large Vol	GFF Dup Vol	ol >10 dup vol	/ol 500 ml	78				S N
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	STA. NAME/ID		013	, €							Nis	No	-	2	ო	4	ĸ	9	7	8	6	10	=	12		
STATION NO.	BOTTOM DEPTH STA		78	MAX. DEPTH =				2		Recorder initials:	Comments															444741111111111111111111111111111111111
	WIND SPD.	(kts)						3.5 mg						<del> i</del>					<u></u>							-
	WIND DIRN.	(geb)	00	SFC/Bottom Temp.				2																		
	Pressure	(mb)	Ø28	SFC/B				3000	2 Per		+ 20d	500 ml														1
Name:	풒	(%)	1880					5	Memachine			>10 dup vol														***************************************
CTD FileName:	DRY BULB	(ၞ)	14.3					8	N 100			GFF Dup Vol >				P										
	TIME (GMT)	HR MIN	0744	WEATHER OBS:			REMARKS	3	Broader		<b>花版</b> 一對	>10 Large Vol				8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	\									
BASIS Leg 1		MO YR	A u g 1 6	25			α				Chloro	-GFF Wol			1	The state of the s		a la	/	7	Ì					
-		DAY	42w27	FLNTUS-2057	1961	1875	CST-1066PR	70296			ū	DIC/AIK														
	LONGITUDE	MIN	٥	7	(prime)	(sec)	meter	Inson No.	l		IM-PMEL	O2-Btt.No DIC/Alk	X						-1.							-
DY1609	01	D <b>E</b> G	1630	FLUOR S/N	SBE43-Oxy (prime)	SBE43-Oxy (sec)	Transmissometer	PAR S/N O2 Tmp Senson No.	ī		Hydro Team-PMEL	Nut.Bil	Tot	792	56t	75	795	19F	FPF	E						
ט ט			4		   						10.50	SALT	3035		.5		-9686	157.20	in the second		N/S		19750		- STORE	
	LATITUDE	MIN	30	722	722			3127	Notes:		Rosette Notes															日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日
Vessel Oscar Dyson	CONSC CAST#	DEG	01256	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN SEC COND SN	Instrument Notes:		DEPTH Re	DESIRED	もよ	20	40	30	20	10	0		9269			6552	resta	

TIME (GMT)	DAY
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	Chlano
WEATHER OBS:	Chloro
	Chloro Chloro
REMARKS:	The second secon
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The cost, A frame maffunction. No bargo at this station at following station, 015, but no CTD or bongo. After a logais, cohern to sto 015 to pick up CTD.	THE PERSON NAMED IN COLUMN 1
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Oscar Dyson	no	DY1609		ш	BASIS Leg 1								C10
CONSC CAST #	LATITUDE	2	LONGITUDE	81		TIME (GMT)	DRY BULB	₽	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ БЕРТН	STA. NAME/ID
	990	DEG	MIN	DAY N	MO YR	HR MIN	(0,	(%)	(mb)	т	(kts)	(m)	
40	5600	10	00 21	٧	6	1 ~ 1	131.2	118	025	13	1	094	9
SBE 5+	722	FLUOR S/N		FLNTUS-2057		WEATHER OBS:			SFC/Both	SFC/Bottom Temp.		MAX. DEPTH	EP4TH ⇒
PRESS SN	SN 722	SBE43-Oxy (prime)	y (prime)	1961	<u> </u>								
PRI TEMP SN	MP SN 2376	SBE43-Oxy (sec)	(y (sec)	1875									
SECTE	SEC TEMP SN 4379	Transmissometer	ometer	CST-1066PR		REMARKS:							
PRI CO	PRI COND SN 2985	PAR S/N		70296		スよ	, taken ,	ald sa	which	han c	500	= this station	done to
SEC CC	SEC COND SN 3127	O2 Tmp Senson No.	enson No.			Ma	Amchoni	19 A 2	ham.		)	makining A from.	
<u>\$</u>	Instrument Notes:					Beg	you berd	na fre	chinate	och ina	date	Began colding a fractionated che sample at closest sample. Augh BEXON the pyrnocline, in addition to Fehls C10 . 20m.	sample.
					0	the ma	che max: 25m	J.	eyenodine: 25m	25	5	Recorder Initials:	itals:
Nisi DEPTH	TH Resette Motes	Hydro Te	Hydro Team-PMEL	Q.	Chiloro			September 1	POC			Comments	
No DESIRED	RED SALT	T Nut.Bti	O2-Bil.No DIC	DIC/Alk G	GFF Vet >10	>10 Large Vol	GFF Dup Vol >1	>10 dup vol	-500 ml				
1 Bothom		408	220										
255	2	808											
<u> </u>		808											
20		918			表								
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	DY1609			BASIS Leg 1	PROJECT & LEG BASIS Leg 1		CTD	CID FileName:				STATION NO.	9
LATITUDE	·	LONGITUDE			TIN	TIME (GMT)	DRY BULB	RH	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA. NAME/ID
MIN	DEG	MIN	DAY	, MO	YR	NIN	(5,)	(%)	(mb)	(Gep)	(kts)	(m)	
29.66N	491	00.73	PZ W &	9 N A	16/8	339	131.4	660	6201	356	M	18	-
722	FLUOR S/N		FLNTUS-2057		_	WEATHER OBS:			SFIC/Bi	SFC/Bottom Temp.		MAX. DEPTH=	PTH= 075 m
722	SBE43-C	SBE43-Oxy (prime)	1961										
2376	SBE43-Oxy (sec)	ky (sec)	1875										
4379	Transmissometer	someter	CST-1066PR	#	REM	REMARKS:	5 12	++16 c	order o	0 F.F			
2985	PAR S/N	-	70296			Ũ	1000 Hablor	heplor	6	<u>8</u> 00 ∑	{	Sonole	alean
3127	O2 Tmp	O2 Tmp Senson No.				•							
					· · · · · · · · · · · · · · · · · · ·					i			
												Recorder Initials:	itials:
Rosette Notes	Hydro T	Hydro Team-PMEL	:	Chloro			WATER THE		POC	Coco		Comments	Z
SALT	T Nut.Btl	O2-Btl.No	DIC/Alk	GFF VOI	ol. >10 Large Vol		GFF Dup Vol	>10 dup vol	500回				Ö
	318			Sept. Sept.									
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Control Depart   Cont	VESSEL		CRUISE ID		PROJECT & LEG		CTD FileName	Mame:				STATION NO.	
	Oscar Dyson		DY1609		BASIS Leg 1								/7
DEC   MIN   DEC   MIN   DDV   MO   NR   HIN   TC)   CP   CP   CP   CP   CP   CP   CP	CONSC CAST#	LATITUDE	101	AGITUDE		TIME (GMT)	DRY BULB	#H	Pressure	WIND DIRN.	WIND SPD.	BOTTOM DEPTH	STA NAME/ID
6 5 6 5 6 5 7 -3 6 8	<del>-</del>		1 1		WO	$\vdash \dashv$	(၁.)	(%)	(dm)	(ded)	(kts)	(m)	
No. of the control	9	59.98	~	.99 W	A u g 1		~	960		353	13	89	
Part	SBE 9+	722	FLUOR S/N			WEATHER OBS:			SFC/Bo	tom Temp.		MAX. D	V
Secretor SN   2376   Carrier   Car	PRESS SN	722	SBE43-0xy		961								
The control of the case   Control of the c	PRI TEMP SN		SBE43-0xy		875								
First Cortic SN   7286   Park SN   17028   Park SN	SEC TEMP SI	111	Transmissor		1066PR	REMARKS:							
Instrument Notes:	PRI COND St		PAR S/N	20	296								
Particulant Notes:   Particular Notes:   Par	SEC COND S		O2 Tmp Ser	ison No.									
PEPTH   Resett Notes   Phytor Team-PuteL   Critico   Pocretic	Instrume	nt Notes:											
DEPTH   Reseate Notice												Recorder le	itials:
SAT   Mat Bit   C2-Bit   DICAR   SQFT VO   10 Large Vol   GFF Dup Vol >10 dup Vol   10 dup Vol	DEPTH	Resette Notes	Hydro Tea	m-PIMEL	Chloro				Poc		<u></u>	Comments	Nis
50       825       7263       188       188       188       188       188       189       188       1	No DESIRED	SALT	Nut.Bit	O2-Bti.No DIC/Alk			1 1	10 dup vol	500 mil				ON
20 820 827 20 820 830 830 0 830 830 830 0 830 830 830 0 830 830 830 830 830 830 830 830 830 83	, 130T		825	×263									
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VESSEL		CRUISE ID			PROJECT & LEG	9	CTD Fit	CTD FileName				STATION NO.	
Oscar Dyson		DY1609			BASIS Leg 1	_						188	0th
CONSC CAST#	LATITUDE	[07	CONGITUDE			TIME (GMT)	DRY BULB	Ī	Pressure	WIND DIRN.	WIND	BOTTOM DEPTH	STA NAMELID
DEG	MiN	DEG	MIN	DAY	MO YR		(၁,)	(%)	(qw)		(kts)	(m)	
0175729		1635	9	7 w 30	ک ک ک	0 3	12.3	001	1021	348	<u>_9</u>	53	8)0
SBE 9+	722	FLUOR S/N		FLNTUS-2057		WEATHER OBS:			SFC/Bo	SFC/Bottom Temp.		MAX. DEPTH	= 45
PRESS SN	722	SBE43-Oxy (prime)	r (prime)	1961									
PRI TEMP SN	2376	SBE43-Oxy (sec)	/ (sec)	1875									
SEC TEMP SN	4379	Transmissometer	meter	CST-1066PR		REMARKS:							
PRI COND SN	2985	PAR S/N		70296									
SEC COND SN	3127	O2 Tmp Senson No.	inson No.										
Partitional Motors													
						Cheman 17	4						
						Out to melia	000	1					•
						3		}				Recorder Initials:	tials: Md
Nis DEPTH Rosatta Notes	Votes	Hydro Team-PMEL	ım-PMEL		Chloro	<b>医现象条款</b>	調節は大き	Service Se	POC			Comments	Nis
No DESIRED	SALT	Nut.Bil	O2-Bti.No DIC/Alk	DIC/Alk	GFF Vol	GFF Vol	GFF Dup Vol	>10 dup vol	500 ml				ON.
Ber	31	5 832											-
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CAL MANY	IVESSEL		CRUISE ID	PROJECT & LEG	9	CTD FileName	ame:		:	STATION NO.	
Street   Author   Contraction   Contractio	Oscar Dyson		DY1609	BASIS Leg 1						-	0[3
0   0   0   0   0   0   0   0   0   0	CONSC CAST #	LATITUDE	TONGILADE			DRY BULB				ВОТТОМ БЕРТН	STA, NAMEND
8   7   5   1   1   2   1   1   2   1   1   2   1   1	+			MO	<b></b>	(0,0)	-	$\vdash$		(m)	
Part		59.95	80.10491	30 A U	61119	4	1 9 6	8	5	040	l
### SESS OF 127   SESSON (prime)   1881   #### SECOND SIN   1881   ####################################	SBE 9+		FLUOR S/N		WEATHER OBS:			SFC/Bottom Te	.du	MAX. DE	36
Section 18   Sec	PRESS SN	722	SBE43-Oxy (prime)	1961							
The second state of the se	PRI TEMP SN		SBE43-Oxy (sec)	1875							
FIGURE SISTED BY STREET TO THE	SEC TEMP SN		отнетег	ST-1066PR	REMARKS: R	-marked	10m +	W no son	in to a	id in deployment	4.
Hardward Notes:  AND MARK! 13 Shallow pychoching; in the 20th face, ch. 12 Shallow pychoching; in the 20th face	PRI COND SN		PAR S/N	70296						, ,	
MENTAL MODES:    Control	SEC COND SN		O2 Tmp Senson No.								
DEPTH ROSEN WILES HARD Team-PHEL. Others  DEPTH ROSEN WILES SALT MALBIN DECINA. GET-FIND 1-0 Large Vol (FF Dap Vol >10 tap rol	Instrument	H Notes:			(h) 100	N				e	
PEPTH   Research Holes					2000		-> Sha	Now pycho	climi,	10 30m fac. 0	the same
PEPTH   Roseab Notices   Thydro Team-PAIEL   Chibox   OFF Day Vol   OF				<b>3</b>	LACH CH	71.20			`	/ Recorder Irri	tials:
Desired   Salt   Nut bit   Ozellivo Dictoke   Get Pup vis   510 Large vis   GFF Dup vis   510 Large vis   GFF Dup vis   510 Large vis   510	DEPTH	setok atteso	Hydro Team-PMEL	Chibro	THE STREET			- POC		Comments	Ž
20 838 7.77 7.00 839 829 9.00 8.00 8.00 8.00 8.00 8.00 8.00 8.0	No DESIRED	SAL	Nut.Btl O2-Btl.No	GEFVOI			low dub (	:500 ml			ž
10 William 838	- 88 m			.\							
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	(0)		839	\	\						8
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07	STA, NAME/ID			ЕРТН = //							Kials:															
STATION NO.	воттом бертн	(m)	9,6	MAX. DEPTH							Recorder Initials:	Comments														
	WIND SPD.	(kts)	Ø																							
	WIND DIRN.	(deg)	00 /	SFC/Bottom Temp.																						
	Pressure	(amb)	8/0/	SFC/Bo								Poc	500 ml													
CTD FileName:	꿈	8 3	095										>10 dup vol													
CTD F	DRY BULB	0	0.61							# x = 2			GFF Dup Vol													7 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
		ጀ	2202	WEATHER OBS:			REMARKS:			infrice O2			>10 Large Vol		\	\							1			111111111111111111111111111111111111111
PROJECT & LEG BASIS Leg 1		œ.	9 1 6									ω.	500									- Heat - Heat - Heat		2012 2014		
PROJEC		Q¥	n V	57			8					CHlaro	GFF Vel	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		/	1/2	\				P 72.5	-6			
		DAY	2 w 30	FLNTUS-2057	1961	1875	CST-1066PR	70296					DIC/Alk						· 5 · 2 · 3 · 4 · 3 · 3 · 4 · 4 · 4 · 4 · 4 · 4				***************************************			
	LONGITUDE	N.	. 3		orime)	sec)	eter					-PMEL	O2-Bti.No DIC/Alk					285								
CRUISE ID DY1609	7	DEG	<b>2</b> 0 49	FLUOR S/N	SBE43-Oxy (prime)	SBE43-0xy (sec)	Transmissometer	PAR S/N	JOZ 139 Senson No.			Hydro Team-PMEL	Nut.Bill	1118	847	242	448									
<u></u> δ Ω			\ \ \				<u></u>						SALT					156								
	3	· ·	59	722	722				1710	Notes:		Rosette Notes *	<b>通過第四個</b>													
VESSEL Oscar Dyson		DEG	1957	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SIG	Instrument Notes:		оертн Ко	No DESIRED	1357	30	10	9	0				100		58314		麗
VESSEL Oscar Dy	CONSC CAST #			8	Æ	8	Ř	<u>æ</u> }	8			O Siz	No No	-	2	6	<del></del>	10	9		80	, o	, E	7 =	2	-

	GND		Æ							N. S.	2		2	. 60	4	Ŋ	ဖ	7	80	6	9	-	12		
	STA. NAME/ID		мах. ОЕРТН - 32						itials:									-							
STATION NO.	ВОТТОМ ОЕРТН	(m) \$ >	MAX D						Recorder Initials:	Comments															
	WIND SPD.	(kts)	<u>-</u>																					<u>.</u>	 
	WIND DIRN.	(geb)	SFC/Bottom Temp.									4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4												<u>:</u> *	
	Pressure		SFC/Bot							PDG	500 ml														
sName:	Æ	960									>10 dup vol	1													
CIU FIENAME:	DRY BULB	(0) ~									GFF Dup Vol		•												
	TIME (GMT)	HR MIN 2 2 2 2 7	A H		ocataore.	- Curanitary					>10 Large Vol	\	\	\											1
PROJECT & LEG BASIS Leg 1		MO YR	»							Chloro	Carr volg >10	\	/												いいのでは、ないでは、ないのでは、ないでは、ないのでは、これでは、このでは、このでは、このでは、このでは、このでは、このでは、このでは、この
<u>.                                    </u>		w 2 C A	1	1961	1875 CCT 100600	70296					Ak		Belen	1999-198	EGGE.					THE S	-				
	DE.	MIN S.4									O2-Btl.No DIC/Alk	288									-		) b c c d		
_ 60	LONGITUDE	200 5	FLUOR S/N	SBE43-Oxy (prime)	SBE43-Oxy (sec)	S/N	O2 Tmp Senson No.			Hydro Team-PIMEL				848	849										
DY1609		DEG /		SBE4	S S	PAR S/N				Hydr	Nut.Btl	346	447	8	18										
	LATITUDE	MIN 29 94 W	722	722	2376	2985	3127	\$6 \$0		Rosette Motes	SALT														
son		0E6		NS S	PRI TEMP SN	PRI COND SN	SEC COND SN	Instrument Notes:			RED	K	0												
vessel Oscar Dyson	CONSC CAST #	020	SBE 9+	PRESS SN	PRI TI		SEC	<u> </u>		Nis DEPTH	No DESIRED	1 30	202	3 /0		ري د	ιρ		80	5	9 2	=	12		

TOTAL TOTAL OF THE PARTY OF THE		DY1609	60			BASIS Leg 1		10					022	<	
CONSC CAST# LAT	LATITUDE		LONG	LONGITUDE		,	TIME (GMT)	DRY BULB	Æ	Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ БЕРТН	STA, NAME/ID	
DEG	NIM	DEG	1 8	NIM	DAY	MO YR	HR MIN	(၃)	(%)	(mb)	(geb)	(kts)	(m)		
5800	200	_a _a	459	1.79	₩ 3   A	1 u g 1 6	87508	14.0	094	9 0 1	8	60	4	022	_
SBE 9+		FLU	FLUOR S/N				WEATHER OBS:	,,		SFC/Bot	SFC/Bottom Temp.		MAX. DEPTH	PTH= m	
PRESS SN		SBE	SBE43-Oxy (prime)	іте)											
PRI TEMP SN		ä	SBE43-Oxy (sec)	(2)											-
SEC TEMP SN		İ	Transmissometer	<b>a</b>			REMARKS:								
PRI COND SN		PAF	PAR S/N												-
SEC COND SN		Ä	O2 Tmp Senson No.	- No.											-
Instrument Notes:															
													Recorder Initials:		
DEPTH Rosette Notes	oles	Ę	Hydro Team-PMEL	- SMEL		Chloro				Poc		_	Comments	Ž	
No DESIRED	SALT		Nut.Btl O	O2-Bil.No DIC/Alk	¥	GFF Vol >1	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml				02	- 61
Shan	5	4	058			/									-
30		00	158		and the	/	/							2	-
<u>+</u>		8	3		TAX S	/	\					-		6	
0/		8	853			/	\					_		4	1
0		100	11.15	8AC ×	and the least	7								in in	1
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	12500				Til.							_			

Oscar Dyson		CRUISE ID DY1609			PROJECT & LEG BASIS Leg 1		CTD FileName:	eName:			STATION NO.	220
CONSC CAST#	LATITUDE	Ō	LONGITUDE			TIME (GMT)	DRY BULB	£	Pressure	WIND WIND	ВОТТОМ ВЕРТН	STA. NAME/ID
DEG	MIN	DEG	MIN	DAY	MO YR	+-+	(0,)	(%)	(qm)		Ш	
0725730	, 07 N	1645	9.6	4 w 31	A u g 1 (	6064	4. 1.	00	0101	0198	b 4	.60
SBE 9+		FLUOR S/N				WEATHER OBS:	v.		SFC/Bott	SFC/Bottom Temp.	MAX DEPTH	PTH= 60 m
PRI TEMP SN		SBE43-0xy (sec)	(sec)									
SEC TEMP SN		Transmissometer	meter			REMARKS:					,	
PRI COND SN SEC COND SN		PAR S/N O2 Tmp Senson No.	nson No.				Croad Oht	L'man	Lentine 2	red at ~ 15m	Sm Sme	Carron
hatrument Notes:		ì					1 (10-20m	John	)		the same	nha
						Bottom Oz					Recorder Initials:	£
Nis DEPTH Rosette Notes	otes	Hydro Team-PMEL	m-PMEL	-	Chloro	THE WAR			POC		Comments	N
No DESIRED	SALT	Nut.Bil	OZ-BILNO	DIC/Alk	GFF VdI >	>10 Large Vol	GFF Dup Vol	>10 dup vol	500 ml			ů.
- Beton		855	289	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0						-
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VESSEL	Ĕ		<u>R</u>	CRUISE ID			PROJECT & LEG	EG		CTD F	CTD FileName:				STATION NO.	777	ſ
Osca	Oscar Dyson		6	DY1609			BASIS Leg 1	-		-						- 5	1
88	CONSC CAST#	LATITUDE		LONGITUDE	JODE CODE			E SWEET	TIME (GMT)	DRY BULB	£	Pressure	WIND	WIND SPD.	ВОТТОМ БЕРТН	STA. NAME/ID	
	DEG	느	Ē	DEG	NIN	DAY	MO	퓼	-	(0,)	(%)	(mb)	(deg)	(kts)	(m)		T
60	0235	5800.18	z	16200	.54w	18	A u g 1	9		14.7	100	07	0		38	024	*
9	\$8E 9+			FLUOR S/N			1 2	WEATH	WEATHER OBS:			SFC/B	SFC/Bottom Temp.		MAX	MAX. DEPTH = SS m	E
֓֞֞֞֞֞֞֞֜֞֞֜֜֜֜֡	PRESS SN		+	SBE43-Oxy (prime)	ne)												
	PRI TEMP SN	z :	T	SBE43-Oxy (sec)	2		1	-		11 100	1		1	II			
0 0	SEC TEMP SN	Z 2		Transmissometer DAD CIN				KEMAKKS:		120 T	グスら	るく	02.7	7	できょく くつでする かってきは 一ち		
	SEC COND SN		H	O2 Timp Senson No.	92												
	Instrume	Instrument Notes:						3	Subace of	to wa							
									37) 00 00 10 10 10 10 10 10 10 10 10 10 10	Š					Recorder Initials:	initials:	
ž	ОЕРТН	Rosette Notes		Hydro Team-PMEL	MEL		Chloro					Poc			Comments	Z	200
S S	DESIRED	/S	SALT	Nut.Bit 02	O2-BILNO DIC/Alk		GFF Vol	>10 Large Vol		GFF Dup Vol	>10 dup vo	100 mg				Z	ž
-	BOT		•	298			>	>								-	-
2	22			863			>	>		THE SECOND						2	7
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25	STA. NAME/ID		024	ртн= З€ п						tials:	Nis	No		2	3	4	9	9	7	<b>0</b> 0	<b>6</b> 3	10	11	12		
ONNOUNCE	BOTTOM DEPTH	(m)	4	MAX. DEPTH						Recorder Initials:	ommen							35 A A A A A A A A A A A A A A A A A A A								
	WIND SPD.	П	2	mb.																			97		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	WIND Pressure DIRN.	Н	<u>~</u>	SFC/Bottom Temp							202	500 ml							8	ŭ.					9 9	
	RH	) (%)	08710					- H				>10 dup vol							-							
	DRY BULB	(၁,	14.40	.				wow				GFF Dup Vpl >1		<del>   ,      </del>	<u>.</u>				ii.		,				3	-
	TIME (GMT)	$\vdash$	084	WEATHER OBS:		OCMADIC.		Che				>10 Large Vol GI	SERVE	\	\											
BASIS Leg 1		MO YR	S e p 1							 V	Chloro	GFF Vol >10	\	1	1	\										
		DAY	4 w 0 / s	FLNTUS-2057	1961	1875 CCT_4086DD	70296					IC/Alk														
	LONGITUDE	MIN	59.		(prime)	(sec)		nson No.			m-PMEL	O2-Btl.No DIC/Alk	292													
DY1609	2	DEG	<u>6</u>	FLUOR S/N	SBE43-0xy (prime)	SBE43-0xy (sec)	PAR SM	D2 Tmp Senson No.			Hydro Team-PMEL	Nut.Btl	£98	898	698	876										
	LATITUDE	Min	1.93 N	722	722	2376	2985	3127			tes	SALT														
c		DEG	5829		NS.	NS di	NS QI	ND GN	Instrument Notes:		H Rosette Notes	ED										5				
VESSEL Oscar Dyson	CONSC CAST #		024	SBE 9+	PRESS SN	PRI TEMP SN	PRI COND SIN	SEC COND SN			Nis DEPTH	No DESIRED	- Deference	2 20	3 /0		ıcı	9		œ	6	10		12		

VESSEL		CRL	CRUISE 1D			PROJECT & LEG	99	CTD	CTD FileName				STATION NO.		
Dscar Dyson		ò	DY1609			BASIS Leg 1	-						02	9	
CONSC									10 ==		QNIM	WIND	r/		
-	DEG MIN		LON	LONGITUDE	DAY	WO	YR HR MIN	CC)	₩ 8°	Pressure (mb)	(dea)	SPD.	ВОТТОМ БЕРТН	STA NAME/ID	
02557	59	Z	۰	1 00	0 M	S e S	12	513	200	4101	115	0	\$ 5	224	
SBE 9+	722		FLUOR S/N		FLNTUS-2057	75	WEATHER OBS	į,		SFC/Bo	SFC/Bottom Temp.		MAX. DEPTH=	5.5	E
PRESS SN	722		SBE43-Oxy (prime)	prime)	1961										
PRI TEMP SN	SN 2376		SBE43-0xy (sec)	sec)	1875										
SEC TEMP SN	SN 4379		Transmissometer	neter	CST-4066PR	8	REMARKS:								T
PRI COND SN			PAR S/N		70296										Ť
SEC COND SN	3127		D2 Tmp Senson No.	son No.											Ī
anasu.	instrument Motes:														
				2							Ŷ.				
													Recorder Initials:	als:	<del></del>
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200			8			- [		- 1		3					,
No DESIRED		SALT		O2-Bt No DIC/Alk	DIC/Alk	GFF Vol	>10 Large Vol	GFF Dup Vol	>10 dup vol	200 ml					Š
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		STA. NAME/ID		028	(e) m									Sig	No	-	2	ю	4	ហ	60	7	60	o	10	-	12	
	077	<u>.</u>		+ 7	MAX. DEPTH =								Recorder initials:									Shore						
STATION NO		BOTTOM DEPTH	(π)		*			q	d surface				Reco	.uewwe			·					Coccelition Con						
		WIND SPD.	(kts)	90					14/										-			Co						
		WIND	(deg)	-	SFC/Bottom Temp.				h turbid																			1
		Pressure	(gm)	1014	SFC/B			-	+ High		7 K	3		8	500 ml													
Name		¥	(%)	7					angdo,	~  <sup>3</sup>	0x = (5m				>10 dup vol						12.	=						
CTD FileName		DRY BULB	5	4	199			,	Carcolithophare	0 00	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				GFF Dup Vpl >		•	,										
		TIME (GMT)	HR MIN		WEATHER OBS:			REMARKS:			ļ				>10 Large Vol				/	\	1							
PROJECT & LEG	BASIS Leg 1		MO YR			<del></del>								Chloro	GFF Vol 110			\	\	\	* \	\			A			
<u>a.                                    </u>		· · · · · · · · · · · · · · · · · · ·	DAY	Z 0 M	FLNTUS-2057	1961	1875	CST-1066PR	70296						IC/Alk													
		LONGITUDE	MIN	0.24		prime)	9ec)	eter		on No				n-PMEL	O2-Btl.No DIC/Alk	9/15												
CRUISE ID	DY1609	NO1	DEG	0099	FLUDR S/N	SBE43-0xy (prime)	SBE43-0xy (sec)	Transmissometer	PAR S/N	D2 Tmp Senson No				Hydro Team-PMEL	Nut.Btl	877	878	879	<b>2</b> 80	88	28	883			1		1	
<u>o</u> _				3 2 N	l				2						SALT												L I I L I I I I I I I I I I I I I I I I	
		LATITUDE		30	722	227	IJ	4379		3127	1	n wores:		Rosette Notes														
VESSEL	Dscar Dyson	CONSC CAST #	DEG	5929	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN		Instrument wores:		Vis DEPTH R	No DESIRED	Bottom	R	\$	R	20	2	0						

MT) DRY BULB RH Pressure WIND WIND BOTTOM DEPTH (CS) (CS) (CB) (CS) (CS) (CS) (CS) (CS) (CS) (CS) (CS	CRUISE ID		PROJECT & LEG	CTD FileName		STATION NO.
S   3	DY1609 BASI	ᇑ	BASIS Leg 1			8
Section Tongs.  Sold Make And Andrew Makes.  Sold States And Andrew Makes.  Sold States Andrew Andrew Makes.  Sold States Andrew Andrew Makes.  Sold States Andrew Andrew Makes.  Sold Makes Andrew Andrew Andrew Makes.  Sold Makes Andrew Andre	MIN DAY MO 0 . 0 0 W 0 2 S e p			RH (%)	WIND DIRN. (deg)	BOTTOM DEPTH STA. NAME/ID (m) (m)
CDCCOS bred hother way of Amas Some Poc ommer Records thisis:	FLUOR S/N FLNTUS-2057   SBE43-OW (orline) 1961		WEATHER OBS:		SFC/Bottom Temp.	63
Sylvending valor  Sylvending valor  For Solver of Solver				7 ,500	try	) one
Soft Dup Vpt >10 dup vol 500 ml Recorder Initials:	Transmissometer CST-1086PR	,	,	In may	2	
Soft Dup Vpl >10 dup vol 500 ml Recorder Initials:	J2 Tmp Senson No.		9		~20m	
GFF Dup V <sub>pl</sub> >10 dup vol 500 ml			Hengher as			Recorder Initials:
GFF Dup Vpl >10 dup vol   500 ml	Hydro Team-PMEL Chloro	oro			POC	
	SALT NUT.BE O2-BEI.NO DIC/AIK GFF VOI		>10 Large Vol GFF Dup		500 ш	
2	₩ 588   q   -					
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PROJECT & LEG  BASIS Leg 1  THE (GMT) DRY BULB RH Pressure WIND WIND WIND CO	Columbia	30	A DEPTH STA. NAME/ID		71 030	MAX. DEPTH= 67 m				15-20m		whac	he bothe cliph	Recorder Initials:							-				10		12	
PROJECT & LEG  BASIS Leg 1  MO YR HR MIN (°C) (%)  S e p   1 6   13 0   .	Charle   December   Control   Cont		WIND SPD.	(kts)		np.				0		S SAMING CO	mones to															
PROJECT & LEG  BASIS Leg 1  MO	CRUISE ID  LONGITUDE  LONGITUDE  LONGITUDE  LUNG SNI  LU					SFC/Bottom Ter						A try boby	Used winen	004	-													-
PROJECT & LEG  BASIS Leg 1  MO	CRUISE ID  LONGITUDE  LONGITUDE  LONGITUDE  LONGITUDE  LONGITUDE  LUNG SIN  LONGITUDE  LUNG SIN  LONGITUDE  MIN  DAY  MACATHER O  SERVESON  SERVESON  SERVESON  NUL BU  SERVESON  NUL BU  SERVESON  SERVESON  SERVESON  NUL BU  SERVESON  SE				•					1-sty Show		101)S 5000	なな 、		- 1	11							·					
	DY1609   CRUISE ID   DOAY   DEG   MIN   DAY   DAY   DEG   MIN   DAY   DEG   MIN   DAY   DEG   DEG   DAY   DEG	911	TIME (GMT)	HR	9	WEATHER OBS:						2	1 Bottom		>10 Large Vol				1		\					es 10		
LONGITUDE MIN TO L I P I V S SN FI S SN FI S SCAN FI Team-PMEL II O2-B4I NO DIC/N S SCAN O DIC/N	DY1609  LONGITUDE  LONGITUDE  DEG MIN  10 5:0 1 . N II  FLUOR SIN  SBE43-0xy (prime)  SBE	BASIS LO			0 2 S e p	.NTUS-2057	1961	1875	ST-1066PR	70296			Ser	L				\		\	jh.							
	DY1600   DY1600   DPG		LONGITUDE	MIN	1 4.		3-Oxy (prime)	-Oxy (sec)		N.	p Senson No		in 1°S sen	Team DME	3			20	+	72	9	t						
Sec	The resource and a second seco	Dscar Dyson	CONSC CAST#		103957	-6 38E 8+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN	SEC COND SN		E S S		No DESIRED	Bellow	1	├	8	5 20	9	0 4	8	Φ	10	7-	12	

VESSEL	CRUISE ID	PROJECT & LEG CTD FileName	Name	STATION NO.
Dscar Dyson	DY1609	BASIS Leg 1		\\ \
CONSC LATITUDE	E CONSTITUTION OF THE CONS	TIME (GMT) DRY BLILB	WIND WIND SPIN	ROJTOM DEPTH STA NAMERO
DEG	DEG	MO YR HR MIN	(mb) (deg)	
029 53 20.4	43,16500.07w02	Sep. 1 6 2 6 25 1 4. 7	096101112617	3
\$BE 9+ 722	2 FLUOR S/N FLNTUS-2057	57 WEATHER OBS:	SFC/Bottom Temp.	MAX. DEPTH = 79 m
PRESS SN 722	2 SBE43-Oxy (prime) 1961			, mm / no.
	SBE43-0xy (sec)			
SEC TEMP SN 4379		REMARKS:		
		Vize &	grape troimocline	
SEC COND SN 3127	7 D2 Tmp Senson No.	- [0		
	7/	000)	som la	
Instrument Notes:				
		·		Recorder initials:
Nis DEPTH Rosette Notes	Hydro Team-PMEL	Chloro	POC	ommen.
No DESIRED	SALT Nut.Btf O2-Btl.No DIC/Alk	GFF Vol 10 Large Vol GFF Dup Vpi >1	>10 dup vol 500 ml	No
. Isot	848			
2 50	000	\		2
3 40	106	Ŋ		8
20	206	/		
202	908	/		S.
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M	STA. NAME/ID	0	200						ials:										0.0					
STATION NO.	воттом рертн	(E)	MAX DEPTH =				Mariace		Recorder Initials:	ommen:														
	WIND BOT	(kts)	-				S) WAY																	
	WIND W	(deg)	SFC/Bottom Temp.			3.3	15-30m					- 4 4 7 1 1 1 1 1 1												
	Pressure	(mb)	SFC/Bot	A STATE OF THE PERSON NAMED IN COLUMN 1		3	₹ }	<u> </u>		ьос	500 ml													
CTD FileName	Ŧ	(§) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S				Step 6	Che traces				>10 dup vol													
CTD	DRY BULB	(°)					No wo	4.0	}		GFF Dup Vot													
	TIME (GMT)	HR — — — — — — — — — — — — — — — — — — —	WEATHER OBS:		REMARKS;			*Bottom 02	No Second		>10 Large Vol			)	10		)	١	,					
PROJECT & LEG BASIS Leg 1		MO YR S e p 1 6						K a	<u> </u>	Chloro	GFF Vol		9 <sup>0</sup> 1	Ĩ	\	\	\	\	\					
0.		× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0× 0×	FLNTUS-2057	1961	18/5 CST-1066PR	70296					C/Alk													
	LONGITUDE	NIN .		(prime)	(sec)		Son No.			n-PMEL	O2-Bti.No DIC/Alk	355												
CRUISE ID DY 1609	NOT	- PEG 55	ELUOR S/N	SBE43-Oxy (prime)	Fransmissometer	PAR S/N	(D2 Tmp Senson No.			Hydro Team-PMEL	Nut. Btl	967	408	606	036	11 676	K912	913	914					
	DE	2 N	I I	722	4379	2985	3127				SALT					hoten madeur ILEAK 9 11	seed LEAK	•						
	LATITUDE	DEG MIN						instrument Notes:		Rosette Notes						Mary ton	Nigge/Z							inline
VESSEL Dscar Dyson	CONSC CAST#	030 <b>6</b> 830	SBE 9+	PRESS SN	SEC TEMP SN	PRI COND SN	BEC COND SN	instrum	1	NIS DEPTH	No DESIRED	Bot	2 60	3 20	<del>ا</del> لو	5 30	9 20	7 10	o e	on.	10	+	12	

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034		STA. NAME/ID	400	[2]							30	K.												-	-		P 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
STATION NO.		BOTTOM DEPTH	(E)	MAX DEPTH-			.0	78 7 80 M				100000	ommen.							- 中中学 企業 电中中生素 医甲基苯基 医中中生素								
	C		<u></u>			. ,	0011ne;	this was							1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1										-		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	
	S. S.	DIRN	(deg) (- 2/3)	SFC/Bottom Temp.		(	Concre	1200													-							
		Pressure	00	SFCIB			5	in The					ි වි	500 ml														
еМате		F 8	0 0			- 1	00	increase						>10 dup vol														
CTD FileName		DRY BULB					FINENT	Sottom in		(	Ser. C			GFF Dup Vol														35
		E (GMT)	1	WEATHER OBS:			REMARKS:	Bot		ر	* Bestom solt			>10 Large Vol G					\		\	- Andrew						
PROJECT & LEG		$\vdash$	9 G 7					 		4	n sk		Chloro	GFF Vol >10			\		/	\	/	\	11.53.s.					
0.	-		w 0 w		1961	1875	CST-1066PR	70296						/Alk		V												
		TUDE	12 2		le)			9					MEL	O2-Btl.No DIC/Alk								356						
CRUISE ID DY 1609		LONGITUDE	1559	FLUOR S/N	SBE43-Oxy (prime)	SBE43-Oxy (sec)	Transmissometer	PARS/N D2 Tmp Senson:No.					Hydro Team-PMEL		915	216	416	919	919	220	gal	~						
CRI D			Z	[									_	SALT	2			2		# # # # # # # # # # # # # # # # # # #								
		TAT .	0 0	722	722			3127		t Notes:			Rosette Notes					100						50000000000000000000000000000000000000				
VESSEL Dscar Dyson	NSC NSC	CAST#	3/5	SBE 9+	PRESS SN	PRI TEMP SN	SEC TEMP SN	PRI COND SN SEC COND SN		Instrument Notes:		П	Vis DEPTH RO	No DESIRED	Dog a	X	20	40	3.0	2	2	٥						
VES	8	ठ	0						L	L.			ž	2	-	74	က	4	ဟ	9	<b>~</b>	00	6	9	<del>-</del>	12		

DEG   MIN   DAY   MO   YR   HR   MIN   ("C")   ("N")   ("MS)   ("MS)
FLUOR S/N   FLNTUS-2057   WEATHER OBS: SFC/Bottom Temp.
70296 REMARKS: CAL WOW (2 ~ 2 OW )
anson No.
De Share De
X Conom 02 XNo Salt
Notes:
Instrument Notes:

The   Concinue   Con	VESSEL		CRUISE 1D	₽::			PROJECT & LEG	EG		CTD FileName:	ıme:				STATION NO.		
SET   LATITUDE   CONGITUDE	Dscar Dyson		DY160	60			BASIS Leg	1 1							:1	03	
CEC   MIN   CEC   MIN   CEC   MIN   CEC   MIN   CEC   CEC   MIN   CEC    CONSC CAST#			LONG	ITUDE							Pressure	WIND DIRN.	WIND SPD.	ВОТТОМ DEPTH	STA. NAME/ID		
3   5   5   2   1   1   2   1   2   1   2   1   1	+-	<u> </u>	DEG	1	MIN	DAY	: OW	-	-	_	$\vdash$	(qm)	(deb)	(kts)	(m)		
1	033	١ .	رح ×	-	CB.	1w03	S	7 9			100		175		_\Q	036	ے
For table 50   For	SBE 9+	722	- FUG	OR S/N		FLNTUS-205	ji)	WEATHER	OBS:			SFC/Boti	от Тетр.		MAX, DEF	101	E
Particle SN   2270   Particulations	PRESS SI		ÝS L	43-Oxy (pr.	ime)	1961										-	Ĭ
Fig. 12   Fig. 12   Fig. 13   Fig. 14   Fig.	PR! TEMP		Ä L	43-Oxy (se	<u>0</u>	1875											Ī
Fee Cours SN   2505   Part SN   Transpersion in Process   Part SN   Transpersion in Process   Part SN   Transpersion in Process   Part SN   Part	SEC TEM		T Lag	smissome	ja;	CST-1066PF	~	REMARKS:									
Process   Proc	PRI CONC		PAR	N/S		70296											
The series   The	SEC CON		D2 Z	mp Senso	- No.												
PEPTH   Resette Notes	linstru	ment Notes:						`									
Peter   Rosente Notes   Hydro Team-PMEL   Chloro	li II							\$ 00 C	202	A.							
Pocker   P								A Such	se sa	ξ.					Recorder Initi	ds:	<del></del>
PESIRED   SALT   NULBH   OZ-BILNO   DICANK   GFF Vol   -10 Lange Vol   GFF Dup Vpl   >10 dup vol			Hydr	ro Team-	PMEL '		Chloro					ьос			ommen.		N S
75 . 931 75 . 933 40 . 934 30 . 934 70 . 936 10 . 937 10 . 937	No DESIREI	9				C/Alk	GFF Vol	>10 Large Vol	GFF Di		lov qub (	500 ml					2
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Control   Cont	VESSEL		2	CRUISE ID			PROJECT & LEG	& LEG		CTD FI	CTD FileName				STATION NO.		
Control   Cont	Dscar Dyso	L.	۵	۲1609			BASIS	Leg 1							03	7	
Signature   Contract	CONSC CAST#	] !		l i	GITUDE	.,		<u> </u>	TIME (GMT)	DRY BULB	£	Pressure	WIND DIRN.	WRIND SPD.	ВОТТОМ БЕРТН	STA, MAME/II	
10					N	DA -		- 1	HR	(0)	8	(mp)		· (kts)			$\vdash$
72	034	5500.11			<u>ھ</u>	S w 06	e S	- 0	0 × %	2.21	2-	9001	$\overline{}$	_			_
Section   1981	SBE 94		 	-LUOR S/N		FLNTUS-2	267	×	EATHER OBS:			SFC/Bo	ttom Temp.		MAX. DE	"	ε
SEC TOWN DS   1779	PRESS			SBE43-0xy (	prime)	1961		·									
Fig. Colub Six   2000	SEC TEN			Transmissom	leter	CST-1066	۳.	£	MARKS:								
Martunent Notes:   Martunent Notes:   Martin Tray Service No.   Mart	RI CON			PAR S/N		70296											
Pack	SEC SO			D2 Tmp Sen	son.No.												
Part   Powere Notes   Power Part   Cotton   Power Part   Powere Notes   Power Part   Power Par	ž LLL	rument Notes:															
Poce															Recorder init	dale:	
DESIRED   SALT   Mult Bill   Ozelli No Dichak   GFF Dup Vol > 10 dap vol   510 dap v	Nis DEPT	ll .		Hydro Tean	n-PMEL		Chloro	-				Poc			ommen		Z.
Bort       A134 36.2         7.5       q440         40       441         50       q446         10	No DESIRI	ED	SALT		02-84.No 1	DIC/Alk	GFF V				>10 dup voi	500 mľ					N <sub>o</sub>
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CRUISE ID	CRUISE	SUISE	٩		u.	ROJECT & LEG		CTD FileName	/апе:				STATION NO	000
DY1609 BASIS Leg 1			BASIST	BASIST	BASIS L	90 1							)	28
LATITUDE		LONGITUDE	TUDE				TIME (GMT)	DRY BULB	표	Pressure	WIND V	WIND SPD.	ВОТТОМ DEPTH	STA.:NAME/ID
DEG MIN DAY MO	DEG MIN DAY MO	MIN DAY MO	DAY MO	OW.		ξ.	HR MIN	(၃)	(%)	(mp)	(deb)	(kts)	(m)	
5359 . 49 N 16700.88 WOXS 6 P1	N 16700.88 WOYSED1	. 88 w 0 K s e p 1	. 88 w 0 K s e p 1	S e D 1	е Д	φ	1541	10.4	119	8/0	357	2	134	038
722 FLUOR SIN FLINTUS-2057	FLUOR S/N		FLMTUS-2057	UNTUS-2057			WEATHER OBS:			SFC/Bottom Temp.	н Тетр.		MAX. DEPTH =	тн= /3○ ш
722 SBE43-Oxy (prime) 1961	SBE43-Oxy (prime)			1961										
PRI TEMP SN 2376 SBE43-Oxy (sec.) 1875	SBE43-Oxy (sec)			1875										
SEC TEMP SN A379 Transmissometer CST-1066PR	Transmissometer			:ST-1066PR			REMARKS:							
PRI COND SN 70296	PAR S/N		70296	70296		<del>,</del>	W.							
SEC COND SN 3127 D2 Tmp Senson No.		Joz Tmp Senson No.	on:No.											
Instrument Notes:						4. 40	* Surface	Soot						
													Recorder initials:	ats:
Rosette Notes Hydro Team-PMEL Chloro				Chloro	Chloro	-				Poc			ommen.	Nis
SALT Nut.Bii O2-Bit.No DiC/Aik GFF Vol	Nut.Bti O2-Bti.No DIC/Alk	O2-Btl.No DIC/Alk			GFF Vol		10 Large Vol	GFF Dup Vol	>10 dup vol	560 ml				ON N
440	440	447												-
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