VESSEL NOAA Ship Osc	ar Dyson		PR D	DJECT & L	EG { Leg: III_					STATION DES	SIGNATION	
consc cast# 1 DEG	ATITUDE MIN 7.73 N	LONGITUDE DEG MIN	E DATE	JD= IO YR	TIME (GMT) T	Y BULB (AIR EMP) (°C)	RELATIVE HUMIDITY	- 3 PRESSURE * SEA STATE	TRUE WIND DIR. (deg)	(sty) CLOUD (amt)	BOTTOM DEPTH (m) 2 8 6,2	STA. NAME/ID
CTD	787	TIMES	JD/TIME			D	DATA LOCAT	ION		REMAR	KS	
TYPE & SN		DATA ON			Tape/Diskette	/DVD II	D File	Name/H	leader			
PRESS SN 9	9+ S/N 0772	START DOWN					CTI	040	)			
PRICOND SN 4	IC S/N 2985	AT DEPTH		_								
PRITEMP SN 3	3+ S/N 2376	AT SURFACE		_						MAX. DE	EPTH = 231.	\4 m
SEC COND SN 4	IC S/N 3127							_			•	
SEC TEMP SN 3	3+ S/N 4379	X PAR S/N 702	·	H S/N		X 02	2 S/N 1961(1 <sup>d</sup>		rans S/N		Cleaned air blee	d valve
_	•	X FLUORO S/N	i 2057	SUS S/N		X 02	2 S/N 1875 (2	.°) X	Altimeter S	/N 47408		
		; t1										
POS. TRIP		; t1	TD CONVERTED	MONITOR	RVALUES					SAMPLE BOT	TLE NUMBER	
POS. TRIP DEPTH (n	1)	; t1	TD CONVERTED	MONITOR	RVALUES					SAMPLE BOT	TLE NUMBER	
	PRESSUF	C			R VALUES PRI. SALINIT	гү	SEC. SALINI	TY S	AL. NO.	SAMPLE BOT	TLE NUMBER  . CHL (ml)	APPROX. FLUORO LEVEL
1 230		C				ΤΥ	SEC. SALINI		AL NO.			FLUORO
1 230 2 230		C				ΤΥ	SEC. SALINI		AVIC			FLUORO
1 230 2 230 3 230		C				ТҮ	SEC. SALINI					FLUORO
1 230 2 230 3 230 4 220		C				ΓY	SEC. SALINI	E E	AVA DIVA DIVA			FLUORO
1 230 2 230 3 230 4 220 5 220		C				TY	SEC. SALINI		AVA DIVA DIVA DIVA			FLUORO
1 230 2 230 3 230 4 220 5 220 6 220		C				ΓΥ	SEC. SALINI		AVA DIVA DIVA			FLUORO
DEPTH (n  1 230 2 230 3 230 4 220 5 220 6 220 7		C				TY	SEC. SALINI		AVA DIVA DIVA DIVA			FLUORO
DEPTH (n  1 230 2 236 3 230 4 220 5 220 6 220 7		C				ГУ	SEC. SALINI		AVA DIVA DIVA DIVA			FLUORO
DEPTH (n  1 230 2 230 3 230 4 220 5 220 7 8 9		C				TY	SEC. SALINI		AVA DIVA DIVA DIVA			FLUORO
DEPTH (n  1 230 2 236 3 230 4 220 5 220 6 220 7		C				TY	SEC. SALINI		AVA DIVA DIVA DIVA			FLUORO

NOAA Ship Oscar Dyson										
DRY BULB   RELATIVE   SEC SALINITY   SEC SALINITY   SEC SALINITY   SEC SALINITY   SAL NO   DXY GEN NO   CHL [mi]   Character   Construction	VESSEL	Oscar Dyson			EG OX (A) TI	-		STATION DES	IGNATION	
DEG   MIN   DEG   MIN   DAY   MO   YR   HR   MIN   (*C)   (%)   (MIS)   (*C)   (MIS)   (MIS)   (*C)   (MIS)   (MIS)   (*C)   (MIS)   (	CONSC	7	LONGITUDE		DRY BU	LB SS RELATIVE SS SC	SEA STATE VISIBILITY BUT AND	S S S S S S S S S S S S S S S S S S S		
CTD								(kts) * * *		TV GILCAD
TIMES   JD/TIME   DATA LOCATION   REMARKS	<del></del>							<del>+ · · · + · · · · · · · · · · · · · · ·</del>		
PRESS SN 9 + S/N 0772 START DOWN PRI COND SN 4C S/N 2985 AT DEPTH PRI TEMP SN 3 + S/N 2376 AT SURFACE  SEC COND SN 4C S/N 3127 SEC TEMP SN 2 + S/N 4379 X FLUORO S/N 2057  POS TRIP PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SAL NO. OXYGEN NO. CHL (ml) LEVEL  1	CTD		TIMES JD/T	IME		DATA LOCATION		REMARI	KS	
PRI COND SN 4C S/N 2985 AT DEPTH  PRI TEMP SN 3+ S/N 2376 AT SURFACE  SEC COND SN 4C S/N 3127  SEC TEMP SN 3+ S/N 4379 X PAR S/N 70296 X FLUORO S/N 2057 DISS SN X 02 S/N 1875 (2°)  POS DEPTH (m)  PRESSURE PRI TEMP. SEC TEMP. PRI SALINITY SEC SALINITY SAL NO. OXYGEN NO. CHL (ml)  1	TYPE & SN		DATA ON		Tape/Diskette/DVI					
PRI TEMP SN 3+ 5/N 2376 AT SURFACE MAX. DEPTH =   2	PRESS SN	9+ S/N 0772	START DOWN			<u>стр() <sup>с</sup></u>	1	-		
SEC COND SN 4C S/N 3127  SEC TEMP SN 3+ S/N 4379  X PAR S/N 70296 X FLUORO S/N 2057  POS DEPTH (m)  PRESSURE PRI: TEMP. SEC. TEMP. PRI: SEC. SALINITY SEC. SALIN	PRI COND SN	4C S/N 2985	AT DEPTH					_		,
SEC TEMP SN   3+ S/N 4379   X   PAR S/N 70296   PH S/N   ISUS S/N   X   O2 S/N 1961(1°)   X   Altimeter S/N 47408	PRI TEMP SN	3+ S/N 2376	AT SURFACE					MAX. DE	EPTH = 120.	/ m
DEPTH (m)   PRESSURE			<b>∤ }=-</b>	ISTIC S/N	X	•			Cleaned air blee	d valve
PRESSURE         PRI, TEMP.         SEC. TEMP.         PRI, SALINITY         SEC. SALINITY         SAL. NO.         CXYGEN NO.         CHL (ml)         FLUORO LEVEL           1         2         3         4<			CTD CC	NVERTED MONITOR	RVALUES			SAMPLE BOTT	LE NUMBER	
2       3       4       5       6       7       8       9       10       11	Acceptance of the second of th	PRESSUF	RE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL, NO.	OXYGEN NO.	CHL (ml)	FLUORO
3       4         4       5         6       6         7       8         9       9         10       11										
4										
6										
7 8 9 10	5									
8       9       10       11	6									
9 10 11	7									
10 11	8									
11										
									,, .	-
										<del> </del>

VESSEL NOAA Ship <i>Oscar</i>	Dyson		PROJECT & L D 1/- 16 - (	EG Leath	•		STATION DES	IGNATION	
CONSC CAST# LA DEG	TITUDE	LONGITUDE DEG MIN 1	DATE JD= DAY MO YR 0 2A UG 1 6	DRY BU TIME (AIR (GMT) TEMP HR MIN (°C)	RELATIVE W	TRUE WIND DIR.  * (deg)	(Sty) * (Sty) * TYPE * WEATHER	BOTTOM DEPTH (m) 9 2.33	STA. NAME/ID
CTD		VIES JD/TI		Long Acres 1 1 V	DATA LOCATION	1 1 - 3 3	REMAR	<del></del>	
TYPE & SN		ATA ON	··· <u>-</u>	  Tape/Diskette/DV[		ne/Header			
İ		ART DOWN			CTD ()	42			
<del></del>		DEPTH					-		
ļ		SURFACE					MAX. DE	EPTH = 85,	√ m
	S/N 3127								
<del>-</del>	S/N 4379	X PAR S/N 70296 X FLUORO S/N 2057	pH S/N ISUS S/N	X	O2 S/N 1961(1°) O2 S/N 1875 (2°)	X Trans S/N x Altimeter S		Cleaned air blee	d valve
POS. TRIP	<u>                                     </u>		NVERTED MONITOR	R VALUES	02 014 1013 (2 )	7	SAMPLE BOTT	LE NUMBER	
DEPTH (m)									
	PRESSURE	PRI, TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1									
2	<b></b>								
3									
4									
6									
7									
8									
9									
10				***************************************					
11									
12	1	1	1	1		ŀ			

VESSEL NOAA Sh	ip Osca	r Dyson			PROJECT & L	EG	DY	1-16-08	} Le	9 11	STATION D	ESIGNATIO	N 2-2	8
CONSC CAST#	L DEG	ATITUDE MIN	DEG		DATE JD= DAY MO YR	TIME (GMT) HR MIN	DRY BULI (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	SSURE	TRUE WINE DIR. * (deg)		* (m)  * (m)  DEDLICATION	)M H	STA. NAME/ID
043	613	37.98 N	1754	13.70W	0340916	0535	10.3	100.	17	1/222	- 09/1/	1 90	<u> </u>	
CTD			TIMES	JD/TII	ΛE			DATA LOCAT	TION		REMA	RKS		
TYPE & S	SN		DATA ON			Tape/Disk	ette/DVD	ID File	e Name	e/Header				
PRESS S		+ S/N 0772	START DO	WN		·		СТ	DO4	\$				
		C S/N 2985	AT DEPTH		·			<del> </del>		· · · · · · · · · · · · · · · · · · ·	_			
PRI COND			1					<del></del>				DEPTH =	7/.	7 m
PRI TEMP	-	+ S/N 2376	AT SURFA	CE							BWAX.	DEI III -	i f	111
	-	C S/N 3127 + S/N 4379	<del>   </del>	S/N 70296 DRO S/N 2057	pH S/N ISUS S/N			)2 S/N 1961(1 )2 S/N 1875 (2	<b>-</b>	C Trans S/N		Cleaned a	ir bleed	l valve
	TRIP EPTH (m			CTD CON	IVERTED MONITOR	RVALUES					SAMPLE BC	OTTLE NUM	BER	
		PRESSU	RE P	PRI. TEMP.	SEC. TEMP.	PRI. SAL	INITY	SEC. SALIN	IITY	SAL. NO.	OXYGEN NO	D. CHL	(ml)	APPROX. FLUORO LEVEL
1														
2					·······									
3		ļ												
4														
5		1												
6														
7														
8														
9 10									+					
11														
12														

							<del>,</del>		
VESSEL NOAA Ship <i>Oscar Dys</i>	on		PROJECT & L				STATION DES	IGNATION	
CONSC CAST# LATITU DEG MIN	DE L	LONGITUDE   MIN   505.34 w	DATE JD= DAY MO YR	DRY BU TIME (AIR (GMT) TEMP HR MIN (°C)	LB RELATIVE HUMIDITY & (%) (mb)	* * (deg)	### (\$##)  ### (\$##)  ### (\$##)  ### (\$##)  ### (\$##)  ### (\$##)  #### (\$##)	BOTTOM DEPTH (m)	STA. NAME/ID
	ンの N/ / こ TIMES			<u>. 110000</u>	DATA LOCATION	1 1 1 0 0	REMAR		
CTD			IVIE	T /D:-! # - /D) //		wo Bloodor	T.C.III.		
TYPE & SN	DATA (	ON	M=Vm	Tape/Diskette/DVI		me/Header			
PRESS SN 9+ S/N	0772 START	F DOWN			сто⊜∠	<u> </u>	-		
PRICONDISN 4C S/N	2985 AT DEI	PTH					_		
PRI TEMP SN 3+ S/N	2376 AT SUI	RFACE					MAX. DE	EPTH = 124,	<u> </u>
SEC COND SN 4C S/N	3127				_	_			
SEC TEMP SN 3+ S/N	4379 X P	PAR S/N 70296	pH S/N	X	O2 S/N 1961(1°)	X Trans S/N		Cleaned air ble	ed valve
		FLUORO S/N 2057	ISUS S/N	X	O2 S/N 1875 (2°)	X Altimeter S	/N 47408		
POS. TRIP			VERTED MONITOR				SAMPLE BOT	TLE NUMBER	
DEPTH (m)									
I.	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1									
2									
3									
4									
5									
6									
7									
8	<u> </u>								
9 10									
11									
12									

VESSEL					PROJECT & L	EG		· · · · · · · · · · · · · · · · · · ·		STATION DES	SIGNATION	
NOAA Sh	ip Osca	r Dyson			<u> </u>	8 Leg- II					<b>,</b>	
CONSC CAST#	L.A	ATITUDE		LONGITUDE	DATE JD=	TIME (		ATIVE LATIVE LATIVE	SEA STATE VISIBILITY DAIM BIO BIO BIO BIO BIO BIO BIO BIO BIO BIO		BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG	MIN	DAY MO YR	HR MIN (	C)	(%) (mb)	* * (deg)	(kts) * * *	(m)	
D45	590	4.95 N	176	159.36 W	0420616	132416	0.671	.015	5 80.7	7.7	1 29.5	
CTD			TIMES	JD/TI	ME		DATA	LOCATION		REMAR	KS	
TYPE & S	SN		DATA	ON	····	Tape/Diskette/	DVD ID	File Na	me/Header			
PRESS S	N 9+	S/N 0772	STAR	T DOWN				CTD ()	45	_		
PRI COND	SN 40	S/N 2985	AT DE	PTH						_		
PRI TEMP	SN <u>3</u> +	S/N 2376	AT SU	RFACE						MAX. DI	EPTH = \2 .	6 m
SEC CONE	SN 40	S/N 3127										
SEC TEMP	SN 3+	S/N 4379	X	PAR S/N 70296	pH S/N		X 02 S/N	1961(1°)	X Trans S/N	<u> </u>	Cleaned air ble	ed valve
			X	FLUORO S/N 2057	ISUS S/N		X   O2 S/N	1875 (2°)	X Altimeter	S/N 47408		
	TRIP		<u> </u>		NVERTED MONITOR	RVALUES	<b></b>	· · · · ·		SAMPLE BOT	TLE NUMBER	
DE	PTH (m)								***************************************			
		PRESSU	RE	PRI. TEMP.	SEC. TEMP.	PRI. SALINIT	SEC	SALINITY	SAL. NO.	OXYGEN NO.	CHL (mi)	APPROX. FLUORO LEVEL
1 80	attom								703			
2												
3	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~											
4												
5								•••				
6												
7					= 0.0000							
8 9			-									
10												
11		A Company										
12												

VESSEL NOAA Sh	nip Oscai	r Dyson			PROJECT & L	.EG	2	V · /6 -	08	len Et Subst	STATION DES		
CONSC CAST#		ATITUDE	1	ONGITUDE	DATE JD=	TIME (GMT)	DRY BULI (AIR TEMP)	B RELATIVE HUMIDITY	PRESSURE	NIN VISIBILITY VISIBIL	4 September 1997	BOTTOM DEPTH	STA. NAME/ID
		MIN	DEG	MIN	DAY MO YR	<u> </u>		(%)	(mb) '	*	(kts) * * *	(m)	
046	584	1.16N	174	51.82 W	0510916	0541	10.2	88.	11/	1/339	<u> </u>	204	
CTD			TIMES	JD/TI	ME			DATA LOCA	TION		REMAR	KS	
TYPE & S	SN		DATA C	ON 970	096	Tape/Disk	ette/DVD	ID File	e Nam	e/Header	Graven	14134 L.	28
  PRESS S	SN 9+	S/N 0772	START					СТ	D			5	
PRI COND	— SN 40	S/N 2985	AT DEP	 TH'				<del></del>			_		
1		S/N 2376	AT SUR	FACE							MAX. D	EPTH = 20	<b>⊘</b> m
		C S/N 3127								,			
		S/N 4379	X P	AR S/N 70296	pH S/N		$\mathbf{x}$	)2 S/N 1961(1	1°)	X Trans S/N	,	Cleaned air ble	eed valve
			<b>∤ ├─⋠</b>	LUORO S/N 2057	ISUS S/N			) 02 S/N 1875 (2			S/N 47408	4	
POS.	TRIP				NVERTED MONITOR	R VALUES		22 011 1010 (1	_ /		SAMPLE BOT	TLE NUMBER	
DE	EPTH (m)												
		PRESSUF	RE	PRI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1													
2													
3	.~~												
4						<u> </u>							
5													
6						<u> </u>			+				
7													
8 9													
10	<u></u>												
11													
<del></del>						<del> </del>				<del></del>			-

VESSEL NOAA Ship Osca	r Dvson		PROJECT & L DY-16-08	EG } Leg III			STATION DES	IGNATION	
CONSC CAST# LA	ATITUDE MIN	LONGITUDE DEG MIN 1	DATE JD=	DRY BUI	(%) (mb)	TRUE WIND DIR.  * * (deg)	(stay)  CLOUD (amt)  TYPE  WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	N	***	<u>WO 6 A CLU / 16</u> TIME	1 3 9 7 11 1 •	DATA LOCATION		REMARI	KS	
CTD			I HVIC.	Tape/Diskette/DVI		me/Header			
TYPE & SN		DATA ON		TaperDisketterDvt					
		START DOWN			ств() (	1 /	•		
PRICOND SN 40		AT DEPTH							9
PRITEMP SN 3+	+ S/N 2376	AT SURFACE					MAX. DE	EPTH = \27.	/ m
SEC COND SN 40	C S/N 3127		<b></b> 1	<del> </del>	1	<del></del>			
SEC TEMP SN 31	+ S/N 4379	X PAR S/N 70296	pH S/N	X	O2 S/N 1961(1°)	X Trans S/N Altimeter S		Cleaned air blee	d valve
		X FLUORO S/N 205		^]	O2 S/N 1875 (2°)	X Altimeter 3		C E AUMADED	
POS. TRIP		CTD C	ONVERTED MONITOR	RVALUES			SAMPLE BOT	ILE NUMBER	
I INFPTH (m)	/ <u> </u>								
DEPTH (m)									1
DEPTH (m)	PRESSUF	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX FLUORO LEVEL
DEPTH (m)		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4		PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4 5		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7 8		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7 8 9		E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	FLUORO

VESSEL NOAA Ship Oscar Dys	on		PROJECT & L	EG -08 /29/17			STATION DES	SIGNATION	
CONSC CAST# LATITU	IDE LO	<del>1                                    </del>	DATE JD= DAY MO YR	DRY B TIME (AII (GMT) TEM HR MIN (°C	) (%) (m		WIND O ON WEAR (kts) * * *	BOTTOM DEPTH (m)	STA. NAME/ID
0486143.	33 N/76			1248 10		1 100.0		105./	
CTD	TIMES	JD/TIN	/IE		DATA LOCATIO	N	REMAR	KS	
TYPE & SN	DATA O	N		Tape/Diskette/D	/D ID File N	ame/Header	1		
PRESS SN 9+ S/N	0772 START [	DOWN			ствС	148	_		
PRI COND SN 4C S/N	2985 AT DEP	 TH							
PRITEMP SN 3+ S/N		FACE					MAX. DE	EPTH = 97,	Ô m
SEC COND SN 4C S/N									
SEC TEMP SN 3+ S/N	4379 X PA	AR S/N 70296 .UORO S/N 2057	pH S/N ISUS S/N	) }	O2 S/N 1961(1°)	X Trans S/N X Altimeter S		Cleaned air ble	ed valve
POS. TRIP			VERTED MONITOR	R VALUES	<u> </u>		SAMPLE BOT	TLE NUMBER	
DEPTH (m)									
<u> </u>	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 Burface		***************************************				704			
2									
3			····			ļ			
4									
5									
6									
7									
9		-							
10					-				
11	· · · · · · · · · · · · · · · · · · ·								
12							1		

VESSEL			PROJECT & L	.EG	NV 1/ 50	1	STATION DES	SIGNATION	
NOAA Ship Os	car Dyson				DY · 16 · 08	Lechha	Gros	~685L .	230
CONSC CAST#	LATITUDE MIN	LONGITUDE DEG MIN	DATE JD=	DRY BU TIME (AIF (GMT) TEMF	JLB RELATIVE HUMIDITY (%) (mb)	SEA STATE VISIBILITY VISIBILITY OR A DIA OR A DI	* * (kts) * * * WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
04961	08.45N	17658.07 W	10740916	2048 11.	1 83. 03	1/299	01/1/16	120	
СТД	- · · · · · · · · · · · · · · · · · · ·	TIMES JD/T			DATA LOCATION	- 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1	REMAR	KS	
TYPE & SN		DATA ON		Tape/Diskette/DV	DID File Na	me/Header			
PRESS SN	9+ S/N 0772	START DOWN			CTD Ø	49	_		
PRI COND SN	4C S/N 2985	AT DEPTH	<u>.</u>			·	_		
PRI TEMP SN	3+ S/N 2376	AT SURFACE					MAX. DI	EPTH = // 7	<u> </u>
SEC COND SN	4C S/N 3127		<u></u>		_			_	
SEC TEMP SN	3+ S/N 4379	X PAR S/N 70296	pH S/N	×	O2 S/N 1961(1°)	X Trans S/N		Cleaned air ble	ed valve
		X FLUORO S/N 2057		X	O2 S/N 1875 (2°)	X Altimeter S			
POS. TRIP DEPTH (	m	CTD CC	NVERTED MONITOR	RVALUES			SAMPLE BOT	TLE NUMBER	
	PRESSUF	RE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1									
2									
3									
5									+
6					1				
7									
8									
9									
10									
! !		~ <del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>							
11									

VESSEL NOAA Ship Oscar	Dvson		PROJECT & L	EG 06/20-107			STATION DES		
CONSC CAST# LA	TITUDE	LONGITUDE DEG MIN 7 63 4 . 8   w	DATE JD= DAY MO YR OSAUGIO	DRY BU TIME (AIR (GMT) TEMP HR MIN (°C)	LB RELATIVE HUMIDITY & COMPANY CONTROL		(State of the control	BOTTOM DEPTH (m) 3 6.	STA. NAME/ID
CTD	Т	IMES JD/T	IME		DATA LOCATION		REMAR	KS	
TYPE & SN	D	ATA ON		Tape/Diskette/DV	DID File Nar	me/Header			
PRESS SN 9+	S/N 0772 S	TART DOWN			сто (	50	_		
PRICOND SN 4C	S/N 2985 A	.T DEPTH							
		T SURFACE					MAX. DE	EPTH = 129.	m
<del></del>	: S/N 3127								
	S/N 4379	X PAR S/N 70296	pH S/N ISUS S/N	X	O2 S/N 1961(1°) O2 S/N 1875 (2°)	X Trans S/N Altimeter S		Cleaned air blee	ed valve
POS. TRIP		X FLUORO S/N 2057 CTD CC	NVERTED MONITOR	R VALUES	02 3/N 10/3 (2 )		SAMPLE BOT	LE NUMBER	
DEPTH (m)									
	PRESSURE	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL, NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1									
2									
3									-
5	·····								
6									
7									
8									
9									
10			-						
11				<u> </u>				<u>.                                    </u>	-
12	İ		ĺ	· ·	1				1

VESSEL NOAA Ship Osca	r Dyson		PROJECT & I	EG 08 Lea III			STATION DES	IGNATION	
consc cast # L/ DEG   651583	ATITUDE MIN   8.73 n	LONGITUDE DEG   MIN	DATE JD= DAY MO YR WOGAUGU	DRY BL TIME (AIR (GMT) TEMF HR MIN (°C)	RELATIVE 🗒	* * (deg)	(state of the control	BOTTOM DEPTH (m) 1 4 6 5	STA. NAME/ID
СТО			JD/TIME		DATA LOCATION		REMAR		
TYPE & SN		DATA ON		Tape/Diskette/DV	D ID File Na	me/Header			
		START DOWN			ств\	51			
<u> </u>		AT DEPTH					_		
		AT SURFACE					-    MAX. DE	EPTH =   39.0	)_ m
	C S/N 3127	<u>, , , , , , , , , , , , , , , , , , , </u>							*
	+ S/N 4379	X PAR S/N 7029	ICHO CAN	X	O2 S/N 1961(1°) O2 S/N 1875 (2°)	X Trans S/N x Altimeter S		Cleaned air blee	d valve
POS. TRIP		L3	D CONVERTED MONITOI	R VALUES	02 0,11 10/0 (2 )		SAMPLE BOT	TLE NUMBER	
DEPTH (m)									
	PRESSUR	E PRI. TEME	P. SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 Bottom						705			ļ
2									
3									
5									
6			-						
7									
8									
9									
10									
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12	and the same of th		•						

VESSEL NOAA Ship Oscar Dyson					PROJECT & L		STATION DESIGNATION					
CONS	sc	ATITUDE MIN	DEG	ONGITUDE MIN 'O 6.39 W	DATE JD= DAY MO YR	DRY E TIME (AI (GMT) TEM HR MIN (°C	R RELATIVE HUMIDITY ) (%) (	PRESSURE  SEA STATE  VISIBILITY  VISIBILITY  A Clean  A C	) WIND 1010 KBPD. 1010	BOTTOM DEPTH (m)	STA. NAME/ID	
CTD			TIMES	JD/TI	ME		DATA LOCATI	ON	REMAR	KS		
TYPE	& SN		DATA O	N		Tape/Diskette/D	√D ID File	Name/Header				
PRES	SSN 9	+ S/N 0772	START [	DOWN			CTD	057				
PRI CO	MDSN 4	C S/N 2985	AT DEP	 TH				,,,,,,				
PRI TEI		+ S/N 2376	AT SURI	FACE					MAX. DE	EPTH = 156.	, m	
SEC C	OND SN 4	C S/N 3127										
SEC TE	EMPSN 3	+ S/N 4379	X PA	AR S/N 70296	pH S/N		O2 S/N 1961(1°)	T		Cleaned air blee	ed valve	
	<del></del>		XFL	UORO S/N 2057	ISUS S/N		O2 S/N 1875 (2º	X Altimeter	S/N 47408			
POS.	TRIP DEPTH (m			CTD COI	VVERTED MONITOR	RVALUES			SAMPLE BOT	TLE NUMBER		
	DEP IN (III	1										
		PRESSUF	RE .	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINIT	Y SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL	
1_1_												
2				~~.								
3												
5												
6												
7		-										
8												
						<b>§</b>						
9												
9 10 11												

VESSEL NOAA Ship <i>Osca</i>	ar Dvson		PROJECT & L	EG So Lego TIT			STATION DES	IGNATION	
CONSC	atitude min   3.53 n		DATE JD= DAY MO YR	DRY BL TIME (AIR (GMT) TEMF HR MIN (°C)	LB RELATIVE HUMIDITY & (mb)	TRUE WIND DIR.  * * (deg)	* (sty)  * (Sty)  * WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
CTD		TIMES JD/TIN		· <u>U v · i · v · · · · · · · · · · · · · · ·</u>	DATA LOCATION		REMARI	(S	
TYPE & SN		DATA ON		Tape/Diskette/DV	D ID File Nar	ne/Header			
		START DOWN		'		53			
_		AT DEPTH					-		
_		AT SURFACE					-    MAX. DE	PTH = 133.	6 m
SEC COND SN 4	C S/N 3127 + S/N 4379	X PAR S/N 70296 X FLUORO S/N 2057	pH S/N ISUS S/N	X	O2 S/N 1961(1°) O2 S/N 1875 (2°)	X Trans S/N X Altimeter S		Cleaned air blee	
POS. TRIP DEPTH (m	)	I I I I I I I I I I I I I I I I I I I	IVERTED MONITOR	RVALUES	<u> </u>		SAMPLE BOTT	LE NUMBER	
	PRESSUR	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
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3	1								
4		}							
5									
6									
7									
8									
10									
11									
<u> </u>				<u> </u>	1	1	<u> </u>		

VESSEL NOAA Shi	ESSEL DAA Ship <i>Oscar Dyson</i>			PROJECT & LEG			.EG	D1-16.08 / pa. TIL					STATION DESIGNATION Growlfish Q-32			
	DEG	TITUDE MIN   O.72 N	DEG	ONGITUDE MIN 02.27	DAY	DATE JD= MO YR AUGIL	TIME (GMT) HR MIN Z/58	DRY BUL (AIR TEMP) (°C)	B RELATIVE HUMIDITY (%)		* SEA STATE  * VISIBILITY	RUE VIND DIR. (deg)	TRUE QUINT SPD. 10 (kts) * *	* WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
CTD			TIMES		D/TIME	,			DATA LOCA	TION			REM	ARK	S	
TYPE & S	N		DATA O	N			Tape/Disk	ette/DVD	ID Fil	le Nan	ne/Head	der				
PRESS SI		S/N 0772	START				, 			ΓD ⊘ ≅	<i>54</i> .		-wassenson			
PRI COND		S/N 2985	AT DEP													
		S/N 2376	AT SUR			<del></del>							MAX	DE	PTH = 145	
PRI TEMP S			AT 30K	ACL									1000		, 111 1 1 2 2	
SEC COND		••	<b>┤ ├─┤</b>	AR S/N 70296 .UORO S/N 20	57	pH S/N ISUS S/N			D2 S/N 1961(1 D2 S/N 1875 (		X Trans		N 47408		Cleaned air ble	ed valve
	TRIP PTH (m)			CTD	CONVER	TED MONITOR	RVALUES						SAMPLE B	ОТТ	LE NUMBER	
		PRESSUF	RE	PRI. TEMP.	s	EC. TEMP.	PRI. SAI	LINITY	SEC. SALIN	NITY	SAL.		OXYGEN N	10.	CHL (ml)	APPROX. FLUORO LEVEL
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VESSEL NOAA Sh	nip Oscar	Dyson			PROJECT & L	.EG 38 4 <i>6</i> 9						STATION	DES	IGNATION	
consc cast#	DEG	TITUDE MIN	DEG		DATE JD= DAY MO YR W/2AUG/6	TIME (GMT) HR MIN	ORY BUL (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	್ಲು (g) PRESSURE	* SEA STATE  * VISIBILITY	TRUE WIND DIR. (deg)	CLOUD (amt)	* WEATHER	BOTTOM DEPTH (m) 243.6	STA. NAME/ID
CTD	Y		TIMES	JD/	TIME			DATA LOCA	TION			REM	IARI	KS	
TYPE & S	SN		DATA	ON		Tape/Diske	tte/DVD			ne/Hea					
PRESS S		S/N 0772	START	r down		***************************************		СТ	D (	55	)	1			
PRI COND		: S/N 2985	AT DE	PTH											
PRI TEMP		S/N 2376		RFACE								MAX	(, DE	EPTH = 230 «	4 m
SEC CONE		: S/N 3127												. <del>.</del>	*
SEC TEMP	SN <u>3+</u>	S/N 4379	<b>⊣</b>	PAR S/N 70296 FLUORO S/N 205	pH S/N ISUS S/N			)2 S/N 1961(1 )2 S/N 1875 (			ns S/N meter S	/N 47408		Cleaned air blee	d valve
	TRIP PTH (m)		<b></b>		ONVERTED MONITOR	RVALUES						SAMPLE B	BOTT	LE NUMBER	
		PRESSU	RE	PRI. TEMP.	SEC. TEMP.	PRI. SALII	NITY	SEC. SALIN	IITY	SAL	NO.	OXYGEN I	۷٥.	CHL (ml)	APPROX. FLUORO LEVEL
1															
2				···········											
3 4															<b>-</b>
5						<u> </u>		Water 1981							
6															
7															
8	***														
9															
10															1
11															
12															

VESSEL NOAA Sh	ip Oscar	Dvson			PROJECT & L	EG	DY	-16-08	Leg.	<u> </u>	STATION DES	IGNATION	
CONSC CAST#	LA	TITUDE MIN   7.33 N	DEG	GITUDE MIN 1 2.45w	DATE JD= DAY MO YR	TIME (GMT) HR MIN	DRY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY	G PRESSURE SEA STATE	TRUE WIND DIR.  * (deg)	(C) (S) (S) (S) (S) (S) (S) (S) (S) (S) (S	BOTTOM DEPTH (m) 309.6	STA. NAME/ID
CTD			TIMES	JD/TI			,	DATA LOCAT	ION		REMAR	KS	
TYPE & S	SN		DATA ON		:	Tape/Disk	ette/DVD	ID File	Name	:/Header			
PRESS S		S/N 0772	START DO\	WN		ств () 5 (6							
PRI COND	SN 40	S/N 2985	AT DEPTH										
PRI TEMP		S/N 2376	AT SURFAC	 DE							MAX. DE	EPTH = 300	, ] m
SEC CONI		S/N 3127											,
SEC TEMP		S/N 4379	X PAR S	S/N 70296	pH S/N		ΧC	)2 S/N 1961(1º	) X	Trans S/N		Cleaned air blee	ed valve
			X FLUO	RO S/N 2057	ISUS S/N		Χc	)2 S/N 1875 (2	°) X	Altimeter S	/N 47408		
	TRIP				NVERTED MONITOR	R VALUES					SAMPLE BOT	TLE NUMBER	
	PTH (m)												
		PRESSUF	RE P	RI. TEMP.	SEC. TEMP.	PRI. SAL	INITY	SEC. SALINI	TY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
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FLUORO LEVEL	CHF (шI)	OXAGEN NO:	SAL. NO.	SEC. SALINITY	YTINIJAS JЯЧ	SEC. TEMP.	PRI TEMP.	PRESSURE	
УРРКОХ						1			1
	VIDOMONI DO	TTO8 3J9MA8			VAEUES	ИСЕЙТЕР МОИІТОР	NO 010		POS. TRIP (m)
			1\S Teltimeter S\P	(°S) 8781 N\S SO		N/S SNSI	FLUORO S/N 2057	X	1 0101 1000
avlsv b	Cleaned air bleec	80727 1	N/S ans T X			N/S Hq	86207 N\2 AA9	X 6784 N/S	======================================
		L			L		l	ZZ18 N/S	EC COND 2N (C)
w >	, С. С.С.= нтч	au .XAM				1	NRFACE		
Ú	0 0 <u>0</u> =-						 		~~~~
			/ (3)	CTD			NWOG TS		
			ne/Header	. Mark.	Tape/Diskette/DVE		NO /		LABE & SN
			reheaH\er		]V(()\ette\si()\eacT			-	
		REMARK	1: , 4	DATA LOCATION				3MIT	OTO OTO
	<u> 90.18</u>	1   1 1 1 1 1	[7,8]	27 . Od )	119891	1 1 3 14 9 3 1	WPT. 4891		1989190
UNAMAN	(m)	(kts) * * *	© > DIR. *	대 (qw) (%)	(CMT) TEMP)	=GL BTAG RANGE STAGE ST	CONGITUDE S	NIN DE	
ATS	MOTTO8	MEATHER GAS	AIVLS SEVEN	SON B. B. B. B. ATIOIMUH	AIA) 3MIT	-01 3700	JOHESHO!	1 301:11	CONSC
		三 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三	- BLAT BLA	SSU B	IUB YAO				
		(amt)	7 July 1	<u> </u>					
	NOTTANIO	ISBO NOITATS	III. G	77 80-9H		PROJECT & LE		nosyO	/ESSEL VOAA Ship Oscar
	MOLEUNO	IOLIG MOILVIO	<b>'</b> 1		<u> </u>	1,0101000			129921