VESSEL			-			ROJECT & I	LEG					STATIC	N DES	IGNATION	
NOAA R/	V Oscar D	yson				Y1307								2	
	LA1 DEG 1	TITUDE WIN	L ⁽ DEG	ONGITUDE MIN	DAY	TE JD=	TIME (GMT) HR MIN	DRY BUL (AIR TEMP)	RELATIVE HUMIDITY (%)	B PRESSURE SEA STATE	TRUE WIND DIR.	TRUE WIND COSPD. (kts)	* TYPE	BOTTOM DEPTH (m)	STA. NAME/ID
6001	535	2.29 N	166	34.60	WOBO	0 1 3	2111	06.5	503.0	3001	0 11/	150	02		001
CTD			TIMES	JD	/TIME		ĺ		DATA LOCAT	TION		F	EMAR	KS	
TYPE & S	SN		DATA C	N			Tape/Disk	ette/DVD	ID File	e Name/F	leader		1	's Bay-	phere
PRESS S	SN 9+5	S/N 0772	START	DOWN			DY13	307		CTD 00	1		alibra	tion	
PRI COND	SN 4C	S/N 2985	AT DEP	тн					<u>.</u>			.			
PRI TEMP	SN 3+	S/N 2376	AT SUR	FACE	15							N	AX. DE	PTH = 05	m
SEC CONI		S/N 3127 S/N 4379	_	AR S/N 70281 LTIMETER	<u> </u>	**on prima WETStar F		868 X	O2 S/N 0904 (p	ori) X	O2 S/N 19	61 (sec)	х	Cleaned air ble	ed valve
POS.	TRIP EPTH (m)				CONVERT	ED MONITO	R VALUES					SAMPL	E BOTT	TLE NUMBER	•
	L														
		PRESSUF	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN		SAL. NO.	OXYGE	EN NO.	CHL (ml)	APPROX. FLUORO LEVEL
	SOTEN	PRESSUF	RE _	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN		SAL. NO.	0XYGE 288	EN NO.	CHL (ml)	FLUORO
1 7	SOTO!	PRESSUR	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3	Soral	PRESSUR	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4	Sora	PRESSUF	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4 5	SOTO	PRESSUR	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6	Soral	PRESSUF	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7	Sora	PRESSUR	RE	PRI. TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6	Soral	PRESSUR	RE	PRI TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7 8	Soral	PRESSUF	RE	PRI TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO
1 2 3 4 5 6 7 8 9	Soral	PRESSUR	RE	PRI TEMP.	SE	C. TEMP.	PRI. SA	LINITY	SEC. SALIN				EN NO.	CHL (ml)	FLUORO

965

VESSEL		D			PROJECT & L	.EG						STATI	ON DES	SIGNATION	١	·
NOAA R/	V Oscar i	Dyson			<u>אסגרזען 1307</u>				T.			1:	 	T	Т.	
CONSC CAST#		ATITUDE MIN	L(DEG	ONGITUDE	DATE JD=	TIME	RY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	3 PRESSURE	* SEA STATE * VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND (SPD. (kts)	* CLOUD (am. * TYPE * WEATHER	BOTTO DEPTH		STA. NAME/ID
002	526	2.87 N				1 4117	6.2	97.0	348	20	61	9	72	113	3	002
CTD			TIMES	JI	D/TIME			DATA LOCA	TION				REMAR	KS		
TYPE & S	SN		DATA O	ON _		Tape/Disket	te/DVD i	ID File	e Nam	e/Hea	der	-	Wat	er 5911	yp/e	<u> </u>
PRESS S	SN <u>9+</u>	S/N 0772	START	DOWN _	····	DY1307	, 		CTD	00	2	.	110	t fun	<u>C/10</u>	ning
PRI COND	SN 40	S/N 2985	AT DEP	TH								.			71	
PRI TEMP	'SN <u>3+</u>	S/N 2376	AT SUR	RFACE			·						MAX. D	EPTH = /	26	• m
SEC CON	D SN 40	S/N 3127			**on primar								_	-		
SEC TEMP	P SN <u>3+</u>	S/N 4379		AR S/N 70281	X WETStar F	LUOR S/N 868	s XO	2 S/N 0904 (j	ori)	X 02	S/N 196	61 (sec)	х	Cleaned a	ir bleed	l valve
			X AI	LTIMETER												
	TRIP		X AI	LTIMETER CTD	CONVERTED MONITO	R VALUES		·		<u> </u>	-	SAMPI	E BOT	TLE NUME	BER	
	TRIP EPTH (m)		X AI	LTIMETER CTD	CONVERTED MONITO	R VALUES		·				SAMPI	E BOT	TLE NUME	BER	
		PRESSUR		LTIMETER CTD PRI. TEMP.	CONVERTED MONITOR	R VALUES PRI. SALIN	IITY	SEC. SALIN	ITY	SAL	NO.	OXYG	EN NO.	CHL (ml)	APPROX. FLUORO LEVEL
				СТД	1		IITY	SEC. SALIN	ITY		NO.		EN NO.		ml)	FLUORO LEVEL
DE				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO
1 2 3				СТД	1		IITY	SEC. SALIN	İTY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4 5 5				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4 5 6				СТД	1		IITY	SEC. SALIN	İTY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4 5 5				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4 5 6 7				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4 5 6 7 8 8				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL
1 2 3 4 5 6 7 8 9				СТД	1		IITY	SEC. SALIN	ITY		NO.	OXYG	EN NO.	CHL (ml)	FLUORO LEVEL

VESSEL			<u> </u>			PROJE		EG						STATIC	44 DE	SIGN	ATION	i	
NOAA RA	V Oscal	r Dyson				DY1307									rall	<u>50</u>	ct 6	1	
CONSC CAST#		ATITUDE		ONGITUDE		DATE JO		TIME (GMT)	DRY BULE (AIR TEMP)	RELATIVE HUMIDITY	PRESSURE	SEA VISI	FRUE WIND DIR.	TRUE SPD. C	TYPE WFATHER	BC	OTTOM EPTH		STA. AME/ID
	DEG	MIN	DEG	MIN	-	DAY MO	YR	HR MIN	(°C)	(%)	(mb)		(deg)	(kts) *		1	(m)	1	1007
003	531	17.57N	166	45.1	dw	11106	1 3	1104	96.5	88.	30	100	53	7.50	1/1		37,3		993
CTD			TIMES		JD/TIM	1E				DATA LOCA	TION			F	EMAF	RKS			·
TYPE & S	SN		DATA O	N				Tape/Diske	ette/DVD	ID File	e Nan	ne/Head		L					
PRESS S	SN 9	+ S/N 0772	START	DOWN		<u>_</u>		DY130	07		CTD	00	<u> </u>	.					
PRI COND	SN 4	C S/N 2985	AT DEP	тн										.					
PRI TEMP	SN 3	+ S/N 2376	AT SUR	FACE										<u> </u>	IAX. D	EPTH	1= 12	9	m
SEC CONI		IC S/N 3127 3+ S/N 4379		AR S/N 7028	81		primar Star F		68 X)2 S/N 0904 (ori)	X 02 8	6/N 196	31 (sec)		Clea	ned air b	leed v	/alve
		н	X AL	TIMETER	TD CON	VEDTED MC	NUTOF	2 VALUES						SAMDI	E ROI	TIF	MIMBE	2	
	TRIP PTH (m	n)	X AL		TD CON	VERTED MC	ONITOF	RVALUES			· ·			SAMPL	E BOT	TLE	NUMBER	₹	
		PRESSUF				VERTED MC		R VALUES PRI. SAL	INITY	SEC. SALIN	ITY	SAL.	NO.	SAMPL		1	NUMBEI	Т	APPROX. FLUORO LEVEL
DE				СТ					INITY	SEC. SALIN	ITY	SAL.	NO.			1		Т	FLUORO
DE	PTH (m			СТ					INITY	SEC. SALIN	ITY		NO.			1		Т	FLUORO
DE 1	PTH (m			СТ					INITY	SEC. SALIN	ITY		NO.			1		Т	FLUORO
1 <u>1</u> 2	PTH (m			СТ					INITY	SEC. SALIN	ITY		NO.			1		Т	FLUORO
1 J 2 3	PTH (m			СТ					INITY	SEC. SALIN	ITY		NO.			1		Т	FLUORO
1 1 2 3 4	PTH (m			СТ					INITY	SEC. SALIN	ITY		NO.	OXYGE	EN NO.	1		Т	FLUORO
1 1 2 3 4 5 6	29	PRESSUF		СТ					INITY	SEC. SALIN	ITY		NO.		EN NO.	1		Т	FLUORO
1 1 2 3 4 5 6	PTH (m	PRESSUF		СТ					INITY	SEC. SALIN	ITY	410	NO.	OXYGE	EN NO.	1		Т	FLUORO
1 1 2 3 4 5 6 7 5u	29	PRESSUF		СТ					INITY	SEC. SALIN	ITY		NO.	OXYGE	EN NO.	1		Т	FLUORO
1 1 2 3 4 5 6 7 5u 8	29	PRESSUF		СТ					INITY	SEC. SALIN	ITY	410	NO.	OXYGE	EN NO.	1		Т	FLUORO
1 1 2 3 4 5 6 7 54 8 9	29	PRESSUF		СТ					INITY	SEC. SALIN	ITY	410	NO.	OXYGE	EN NO.	1		Т	FLUORO

VESSEL NOAA RA	V Occar I	lveon		. <u>.</u>	PROJECT & L	EG						•	signation Trailsect	8
CONSC CAST#	LAT	TITUDE	LONG		DATE JD=	TIME (GMT) HR MIN	DRY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	9 PRESSURE	TRUE WIND DIR.	TRUE WIND SPD. (kts)	* CLOUD (amt) * TYPE * MEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
		MIN 2.22 N	DEG 1 6 5 4 1	MIN		1133	05.1	198.0	134	10054	15	75	90.4	004
CTD	9,00	14 14 4	TIMES	JD/T				DATA LOCA	TION			REMAI	RKS	
TYPE & S	SN		DATA ON			Tape/Disk	ette/DVD	ID Fik	e Name	e/Header		<u></u>		
PRESS S		S/N 0772	START DOW	VN		DY13	307		CTD	004	-	<u></u>		
PRI COND	SN 4C	S/N 2985	AT DEPTH								-			
PRI TEMP	SN 3+	S/N 2376	AT SURFAC	E								MAX. E	DEPTH = 80	<u>)</u> m
SEC CONE		S/N 3127 S/N 4379	X PAR S		**on primar X WETStar F	LUOR S/N	368 X	02 S/N 0904 (I	pri)	O2 S/N 19			Cleaned air bl	
	TRIP PTH (m)			CTD CC	NVERTED MONITOR	RVALUES					SAMF	PLE BO	ITLE NUMBER	
ا ا ^{رد}	-: \								1					
		PRESSUF	RE PR	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO	CHL (ml)	APPROX. FLUORO LEVEL
1 Su	artace	PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO	. CHL (ml)	FLUORO
1 Su		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		ОХҮ	GEN NO	. CHL (ml)	FLUORO
1 Su 2 3		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	. CHL (ml)	FLUORO
1 Su 2 3 4		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	CHL (ml)	FLUORO
1 Su 2 3 4 5		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	CHL (ml)	FLUORO
1 Su 2 3 4		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	CHL (ml)	FLUORO
1 Su 2 3 4 5 6		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	CHL (ml)	FLUORO
1 Su 2 3 4 5 6 7 8 9		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	. CHL (ml)	FLUORO
1 Su 2 3 4 5 6 7 8 9 10		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	CHL (ml)	FLUORO
1 Su 2 3 4 5 6 7 8 9		PRESSUF	RE PF	RI. TEMP.	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY		OXY	GEN NO	CHL (ml)	FLUORO

VESSEL NOAA RA	V Oscar	Dyson				PROJECT & L							_	rai	DES 115	ignation ect 10		
CONSC CAST#		ATITUDE	L	ONGITUDE		DATE JD=	TIME (GMT)	DRY BUL (AIR TEMP)	RELATIV HUMIDIT	≺ m PRESSURE	SEA STATE VISIBILITY	TRUE WIND DIR.	TRUE WIND SPD.	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH		STA. AME/ID
	DEG	MIN	DEG	MIN	DA		HR MIN	(°C)	(%)	(mb)	770	(deg)	(kts)	* *	╀┤	(m) 801		005
000	534	16.37N	163	1-1911		3 0613	111119	$ \mathcal{V} / \cdot $	199.		טוכוי							POP
CTD			TIMES		D/TIME				DATA LOC					REM	IARI	KS		
TYPE & S	BN		DATA C)N _	·		Tape/Disk	ette/DVD	OID F	ile Na								
PRESS S	N 9	+ S/N 0772	START	DOWN _			DY13	306		CTD	0	05	.					
PRI COND	SN 4	C S/N 2985	AT DEP	тн _	·-													
PRI TEMP	SN 3	+ S/N 2376	AT SUR	FACE										MAX	. DE	PTH = 30	3	m
SEC COND	_	C S/N 3127 + S/N 4379		AR S/N 70281		**on primar X WETStar F		968 X	O2 S/N 1961	(sec)	хо	2 S/N 090	04 (pri)			Cleaned air bl	eed v	aive
			X A	LTIMETER												1		
	TRIP PTH (m		XA		CONVE	RTED MONITO	RVALUES						SAMP	LE B	отт	LE NUMBER		
DE	PTH (m	PRESSUF				RTED MONITOR	R VALUES	INITY	SEC, SAL	INITY		AL. NO.	OXYG	SEN N	10 .	LE NUMBER		APPROX. FLUORO LEVEL
DE				CTD		<u> </u>	<u> </u>	INITY	SEC, SAL	INITY		AL. NO.	OXYG	• • •	10 .			FLUORO
1 3 2	PTH (m			CTD		<u> </u>	<u> </u>	LINITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3	PTH (m			CTD		<u> </u>	<u> </u>	LINITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4	PTH (m			CTD		<u> </u>	<u> </u>	_INITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4 5	PTH (m			CTD		<u> </u>	<u> </u>	LINITY	SEC, SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4 5 6	PTH (m			CTD		<u> </u>	<u> </u>	_INITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4 5 6 7	PTH (m			CTD		<u> </u>	<u> </u>	INITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4 5 6 7 8	PTH (m			CTD		<u> </u>	<u> </u>	LINITY	SEC, SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4 5 6 7	PTH (m			CTD		<u> </u>	<u> </u>	INITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO
1 3 2 3 4 5 6 7 8 9	PTH (m			CTD		<u> </u>	<u> </u>	INITY	SEC. SAL	INITY			OXYG	SEN N	10 .			FLUORO

VESSEL NOAA R/V Oscar	Dyson		PROJECT & L	EG 07			STATION DES	IGNATION Transect	- 12
	ATITUDE MIN	LONGITUDE DEG MIN	DATE JD= DAY MO YR 1 4 06 1 3	TIME (A (GMT) TEI	BULB RELATIVE HUMIDITY C) (%) (mi	TRUE SEA STATE (Geg) * * (deg)	WIND O LA K	BOTTOM DEPTH (m)	STA. NAME/ID
CTD		TIMES JD/T	Man I I I I I I I I I I I I I I I I I I I	. 77 . 80 10 187	DATA LOCATION		REMARI		
TYPE & SN		DATA ON		Tape/Diskette/E	OVD ID File N	ame/Header			
PRESS SN 9+	S/N 0772	START DOWN		DY1306	СТ	D 006			
PRI COND SN 4C	S/N 2985	AT DEPTH							
PRITEMP SN 3+	S/N 2376	AT SURFACE					MAX. DE	PTH = 280	6 m
-	S/N 3127 S/N 4379	X PAR S/N 70281	**on primar X WETStar F	·	X O2 S/N 1961 (sec)	X 02 S/N 09	04 (pri)	Cleaned air blee	d valve
POS. TRIP DEPTH (m)		X ALTIMETER CTD CO	NVERTED MONITOR	RVALUES			SAMPLE BOTT	LE NUMBER	
DEPTH (m)	PRESSUR	СТВ СО	NVERTED MONITOR	R VALUES PRI. SALINITY	SEC. SALINITY	SAL. NO.	SAMPLE BOTT	LE NUMBER	APPROX. FLUORO LEVEL
DEPTH (m)		СТВ СО			SEC. SALINITY	SAL. NO. 413			FLUORO
DEPTH (m) 1 Surface 2		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m)		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m) 1 Surface 2 3		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m) 1 Surface 2 3 4 5 6		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m) 1 Surface 2 3 4 5 6 7		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m) 1		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m) 1		СТВ СО			SEC. SALINITY				FLUORO
DEPTH (m) 1		СТВ СО			SEC. SALINITY				FLUORO

VESSEL NOAA R/V Os	car Dvson		PROJECT & I	EG) Y 1307			STATION DES	SIGNATION	101
CONSC CAST#	LATITUDE	LONGITUDE DEG MIN	DATE JD=	TIME (AI (GMT) TEM	ULB 77 76 76 76 76 76 76 76 76 76 76 76 76	SEA STATE MIND DIR. * * (deg)	(amt)	'	STA. NAME/ID
00754	511.87N	16304.62v	v15 06 1 3	125907	21000020	30133	17666	102	007
СТВ		TIMES JD/1	ГІМЕ		DATA LOCATION		REMAR	KS	
TYPE & SN		DATA ON		Tape/Diskette/D	√D ID File Na	me/Header			
PRESS SN	9+ S/N 0772	START DOWN		DY1306	СТЕ	007			
PRI COND SN	4C S/N 2985	AT DEPTH							
PRI TEMP SN	3+ S/N 2376	AT SURFACE					MAX. DI	EPTH = 94	m
SEC COND SN SEC TEMP SN	4C S/N 3127 3+ S/N 4379	X PAR S/N 70281 X ALTIMETER		LUOR S/N 868	O2 S/N 1961 (sec)	X 02 S/N 09		Cleaned air ble	ed valve
POS. TRIP DEPTH		CTD CC	DNVERTED MONITOR	RVALUES			SAMPLE BOT	TLE NUMBER	
12 1	PRESSUR	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 Botto	M				 	414	<u> </u>		
3					+				<u> </u>
4						<u> </u>			
5									
6									
7									
_ 8					<u></u>			·	
9									
10	II .	1	t			E .	I .		1
11									

VESSEL NOAA R/V Oscar Dyson		PROJECT & L	EG			STATION DES		3
CONSC CAST # LATITUDE DEG MIN 0085514.50N	LONGITUDE DEG MIN	DATE JD= DAY MO YR 1 6 JUN 1 3	TIME (AI (GMT) TEM HR MIN (°C	c) (%) (mt	TRUE WIND DIR. * * (deg) 7 7 0 111 9	COUD (amt) * TYPE * WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
СТД	TIMES JD/T	IME		DATA LOCATION	1	REMAR	KS	
TYPE & SN	DATA ON		Tape/Diskette/D	VD ID File Na	ame/Header			
PRESS SN 9+ S/N 0772	START DOWN		DY1307	CT	<u> 008 </u>			
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DI	EPTH = 10	6 m
SEC COND SN 4C S/N 3127 SEC TEMP SN 3+ S/N 4379	X PAR S/N 70281 X ALTIMETER	**on primar X WETStar F	•	X O2 S/N 0904 (pri)	X 02 S/N 19	61 (sec)	Cleaned air blee	d valve
	1 1/4/1-11/11-1-11							
POS. TRIP DEPTH (m)	CTD CC	ONVERTED MONITOR	RVALUES			SAMPLE BOT	TLE NUMBER	
DEPTH (m) PRESSU	СТОСС	SEC. TEMP.	R VALUES PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
DEPTH (m) PRESSUIT 1 Surface	СТОСС			SEC. SALINITY	sal. NO. 415		<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2 3	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2 3 4	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2 3 4 5 6 7	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2 3 4 5 6 7 8	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2 3 4 5 6 7 8 9	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO
DEPTH (m) PRESSUI 1 Surface 2 3 4 5 6 7 8	СТОСС			SEC. SALINITY		OXYGEN NO.	<u> </u>	FLUORO

VESSEL NOAA R/V Oscar Dyson		PROJECT & L	EG			STATION DES	IGNATION 15Cct 14	
CONSC LATITUDE DEG MIN 0095412.90	LONGITUDE DEG MIN 16117.65w	DATE JD= DAY MO YR 1700N13	TIME (A (GMT) TE	BULB NIR RELATIVE MP) HUMIDITY C) (%)	Copy * Copy Copy Copy Copy Copy Copy Copy Copy	(amt) ER	BOTTOM DEPTH (m)	STA. NAME/ID
СТД	TIMES JD/T	IME	-	DATA LOCAT	TION	REMARI	KS	
TYPE & SN	DATA ON		Tape/Diskette/I		e Name/Header			
PRESS SN 9+ S/N 0772	START DOWN		DY1307		CTD 009	_		
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DE	PTH = 30	5 _m
SEC COND SN 4C S/N 3127 SEC TEMP SN 3+ S/N 4379	X PAR S/N 70281 X ALTIMETER		LUOR S/N 868	X 02 S/N 0904 (p	ori) X O2 S/N 19		Cleaned air blee	d valve
IBAG I TBID II	CTD CO	NVERTED MONITOR	RVALUES			SAMPLE BOTT	LE NUMBER	
POS. TRIP DEPTH (m)	5.5 55							
		SEC. TEMP.	PRI. SALINIT	SEC. SALIN		OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
DEPTH (m)			PRI. SALINITY	SEC. SALIN	1TY SAL. NO. 416	OXYGEN NO.		FLUORO
PRESSU			PRI. SALINIT	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1			PRI. SALINIT	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1 3 of 1 bry 2 3 4			PRI. SALINITY	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1			PRI. SALINITY	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1			PRI. SALINITY	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1 3 of tory 2 3 4 5 6			PRI. SALINITY	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1			PRI. SALINITY	SEC. SALIN		OXYGEN NO.		FLUORO
DEPTH (m) PRESSU 1			PRI. SALINIT	SEC. SALIN		OXYGEN NO.		FLUORO

VESSE	L R/V Oscar	Dveon			PROJECT & L	EG					TV	ignation ansect	15
CONS	c	ATITUDE MIN	DEG	NGITUDE MIN 07.40w	DATE JD= DAY MO YR 1 8 JUN 1 3	TIME ((GMT) TI HR MIN	AIR RELATIVE HUMIDITE (%)		TRUE WIND DIR. • (deg)	TRUE G WIND O SPD. O (kts) *	TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
CTD	0101110		TIMES	JD/TIN			DATA LOC	ATION		R	REMAR	KS	
TYPE	L SN		DATA ON			Tape/Diskette	/DVD ID	File Name	e/Header				
PRESS		+ S/N 0772	START D			DY1307		CTD	010	.			
PRI CO	. —	C S/N 2985	AT DEPTI	н						.		·	
PRI TEI	_	+ S/N 2376	AT SURF	ACE			<u>,,,, </u>			N	AAX. DI	EPTH = 12	.2 m
SEC CO	-	C S/N 3127 + S/N 4379	!	R S/N 70281	**on primar X WETStar F	y T/C** LUOR S/N 868	X 02 S/N 090	4 (pri)	O2 S/N 196	31 (sec)		Cleaned air blo	ed valve
1000		1	1 1.1	CTD CON	VERTED MONITOR	RVALUES				SAMPL	E BOT	TLE NUMBER	
POS.	TRIP DEPTH (m	1)		010 001	WEICHED MOINTO	, , , , , , , , , , , , , , , , , , , ,							
		PRESSUF	RE	PRI. TEMP.	SEC. TEMP.	PRI. SALINI	ry SEC. SAI	_INITY	SAL. NO.	OXYG		CHL (ml)	APPROX. FLUORO LEVEL
		PRESSU	RE				ry SEC. SAI	INITY	sal. no.	<u> </u>			FLUORO
1 2	DEPTH (m	PRESSU	RE				ry SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3	DEPTH (m	PRESSU	RE				TY SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3 4	DEPTH (m	PRESSU	RE				SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3	DEPTH (m	PRESSU	RE				SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3 4 5	DEPTH (m	PRESSU	RE				Y SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3 4 5 6 7 8	DEPTH (m	PRESSU	RE				Y SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3 4 5 6 7 8	DEPTH (m	PRESSU	RE				SEC. SAI	LINITY		<u> </u>			FLUORO
1 2 3 4 5 6 7 8	DEPTH (m	PRESSU	RE				Y SEC. SAI	LINITY		<u> </u>			FLUORO

VESSEL			<u> </u>	PROJECT & I	EG		<u></u>	s	TATION DES	IGNATION	15
	Oscar Dyson			DY1307					Irans	ect 251	
CONSC CAST#	LATITUDE		LONGITUDE	DATE JD=	TIME (A (GMT) TEI	IR RELATIVE MP) HUMIDITY	PRES SEA VISI	RUE T	(styling)	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG MIN	DE		DAY MO YR	HR MIN (°	C) (%)	(mb) * * (d			81	01/
0115	5502.18	7N16	033.8	9W19JUM13	122506	.1911101010	4/000	70	18 1 14		
CTD		TIME	3	JD/TIME		DATA LOCA			REMARI	KS	
TYPE & SN	N	DATA	ON		Tape/Diskette/[OVD ID File	e Name/Head	er			
PRESS SN	9+ S/N 077	2 STAF	T DOWN		DY1307		CTD OIL		ļ		
PRI COND S	SN 4C S/N 298	5 AT D	EPTH .						<u> </u>		1
PRI TEMP SI	SN 3+ S/N 237	6 ATS	JRFACE						MAX. DE	EPTH = /	m
SEC COND			PAR S/N 7028	**on prima X WETStar 8	ry T/C** FLUOR S/N 868	X O2 S/N 0904 (ori) X 02 S/	'N 1961	(sec)	Cleaned air bl	eed valve
		X	ALTIMETER								
	TRIP PTH (m)	х		D CONVERTED MONITO	R VALUES			S	AMPLE BOT	TLE NUMBER	
	PTH (m)	X			R VALUES PRI. SALINITY	SEC. SALIN		NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
DEP	PTH (m)		СТІ			SEC. SALIN	HTY SAL. I	NO.			APPROX. FLUORO
DEP	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 B _D	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 B _D	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 B _O	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 B _D 2 3 4 5 6	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 B _O 2 3 4 5 6 7	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 Bo	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 300 2 3 4 5 6 7 8 9	PTH (m)		СТІ	P. SEC. TEMP.		SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO
1 Bo	PTH (m)		СТІ			SEC. SALIN		NO.	OXYGEN NO.		APPROX. FLUORO

VESSEL.				PROJECT & L	EG			STATION E	DESIGNATION 15ect 263	23
NOAA R/V	Oscar Dyson			DY1307	,	т	ligi.		1101 201	
CONSC CAST#	LATITUDE DEG! MIN	1 DEC	LONGITUDE	DATE JD=	TIME (AI (GMT) TEM	IR RELATIVE MP) HUMIDITY	PRESSURE * SEA STATE VISIBILITY UNIN AL OUNT CLOUD (amt) CLOUD (amt) CLOUD (amt)	" (m)	STA. NAME/ID	
0125		N16		w20000013	102207	.894.	0810080	115	1 233	012
СТО	-10 10 10t -1 117	TIME		/TIME		DATA LOCAT	ION	REM	IARKS	
TYPE & SN	1	DATA	\ ON		Tape/Diskette/D	VD ID File	Name/Header			
PRESS SN		STAF	RT DOWN		DY1307		CTD 012	-		
PRI COND SI	SN 4C S/N 2985	AT D	EPTH				<u></u> -	-	3.0	2
PRI TEMP SN	SN 3+ S/N 2376	AT S	URFACE	<u> </u>				MAX	(. DEPTH = 22.	<u> М</u>
SEC COND S		×	PAR S/N 70281	**on primar X WETStar F	ry T/C** :LUOR S/N 868	X O2 S/N 0904 (p	ori) X 02 S/N 19	61 (sec)	Cleaned air bid	ed valve
		l x	ALTIMETER		0.0					<u></u>
	TRIP PTH (m)	Х	ALTIMETER CTD C	CONVERTED MONITOR	R VALUES			SAMPLE B	OTTLE NUMBER	
	PTH (m)	SURE	ALTIMETER CTD C PRI. TEMP.	SEC. TEMP.	R VALUES PRI. SALINITY	SEC. SALINI		SAMPLE B		APPROX. FLUORO LEVEL
DEP	PTH (m)		СТОС			SEC. SALINI	ITY SAL. NO.			APPROX. FLUORO
DEP	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Sur	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4 5	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4 5	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4 5 6	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4 5 6 7 8	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4 5 6 7 8 9	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO
1 Suy 2 3 4 5 6 7 8	PRES		СТОС			SEC. SALINI	the second second second second second second second second second second second second second second second se			APPROX. FLUORO



VESSEL		PROJECT & L	.EG				STATION DES	SIGNATION INSECT 3	25
NOAA R/V Oscar Dyson		DY1307						MSECI 2	~
CONSC LATITUDE DEG MIN	LONGITUDE DEG MIN	DATE JD=	TIME (A (GMT) TEN	IR RELATIVE MP) HUMIDITY C) (%)	PRES VISII	(deg)	(sty) CLOUD (amt) WEATHER	(m)	STA. NAME/ID
0135537.54	V15849.64W	123/1UN 13	122607	.098.	9540	01	0822	61	013
CTD	TIMES JD/T	IME		DATA LOCA	TION		REMAR		7 7
TYPE & SN	DATA ON		Tape/Diskette/D	VD ID Fil	e Name/Hea	_		ery atto	ched
PRESS SN 9+ S/N 0772	START DOWN		DY1307		CTD 01	5	+0 C	.TI7	
PRI COND SN 4C S/N 2985	AT DEPTH							1.5	2
PRI TEMP SN 3+ S/N 2376	AT SURFACE						MAX. D	EPTH = 15	2 m
SEC COND SN 4C S/N 3127 SEC TEMP SN 3+ S/N 4379	X PAR S/N 70281	**on primar X WETStar F	y T/C** LUOR S/N 868	X 02 S/N 0904 (pri) X 02	S/N 196	1 (sec)	Cleaned air bid	ed valve
POS. TRIP DEPTH (m)		NVERTED MONITOR	RVALUES			,	SAMPLE BOT	TLE NUMBER	
1 I								T	
PRESSI	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN		. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN	IITY SAL		OXYGEN NO.	CHL (ml)	FLUORO
P	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4 5	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC, SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4 5 6	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4 5 6 7	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4 5 6 7 8	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4 5 6 7 8 9	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO
1 Bottom 2 3 4 5 6 7 8	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALIN			OXYGEN NO.	CHL (ml)	FLUORO

VESSEL		PROJECT & LEG DY1307		S1	TATION DESIG	ECT 18	n;
CONSC CAST # LATITUDE DEG MIN	DEG MIN DAY	TIME DATE JD= (GMT) MO YR HR MIN	(°C) (%) (mb)	* * (deg) (k	* (style) * TYPE * WEATHER	BOTTOM DEPTH N	STA. NAME/ID
0145551.28N	15809.59W24	JUN1313520	8.4911. 01	1320300	1821	811	014
CTD	TIMES JD/TIME		DATA LOCATION		REMARK	S	
TYPE & SN	DATA ON	Tape/Disket	te/DVD ID File Na	me/Header			
PRESS SN 9+ S/N 0772	START DOWN	DY1307	CTD	014	ļ <u>.</u>		<u> </u>
PRI COND SN 4C S/N 2985	AT DEPTH			 		10	
PRI TEMP SN 3+ S/N 2376	AT SURFACE				MAX. DEF	тн= 7 <u>0</u>	m
SEC COND SN 4C S/N 3127 SEC TEMP SN 3+ S/N 4379	X PAR S/N 70281	**on primary T/C** X WETStar FLUOR S/N 868	X O2 S/N 0904 (pri)			Cleaned air bleed	valve
POS. TRIP DEPTH (m)		RTED MONITOR VALUES		S/	AMPLE BOTTL	E NUMBER	
PRESSU	RE PRI. TEMP.	SEC. TEMP. PRI. SALIN	SEC. SALINITY		OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 Botton				421	293		
2				-			
7							
8							
9	159				<u>,</u>		
10	0						
1 44 1 "							
POS. TRIP DEPTH (m) PRESSU 1	X ALTIMETER CTD CONVER	RTED MONITOR VALUES		S/	AMPLE BOTTI	E NUMBER	APPROX.

VESSEL NOAA R/V	/ Oscar Du	/son				PROJEC	T & L	EG						STATIO	ON DE	SIGI	VATION S	56	
CONSC CAST#	LATI	TUDE IN	DEG	ONGITUDE MIN	D/ ow2	DATE JD	YR	TIME (GMT) HR MIN	DRY BUL (AIR TEMP) (°C)	RELATIVI HUMIDITY (%)	(mb)	S + SEA STATE S + VISIBILITY	(deg)	TRUE S WIND C SPD. (TYPE	WEATHER	OTTOM DEPTH (m)		STA.
CTD	7666		TIMES		ID/TIME		.,,	<u> </u>	· - -	DATA LOCA					REMA	RKS			
TYPE & S	iN .		DATA C			-	1	Tape/Disk	ette/DVD	D F	ile Nan	ne/Hea	ader		CA	MEI	U A	202	47
PRESS SI			START	-				DY13	07		CTD	015	<u> </u>	.	13	5	n (1	OM	in)
PRI COND		S/N 2985	AT DEP	тн _										.				71.1	
PRI TEMP	SN 3+ S	/N 2376	AT SUF	RFACE		<u></u>		L ₂ ,						!	MAX.	DEPT	гн=2	41	m
SEC COND		S/N 3127 S/N 4379	ΧP	AR S/N 70281	1			y T/C** LUOR S/N 8	68 X	O2 S/N 0904	(pri)	X 02	S/N 196	31 (sec)		CI	eaned al	ir bleed	valve
			ΧA	LTIMETER					<u></u>			*		CAMPI	E 00	TTIE	NI IME	ER	
	TRIP PTH (m)		ХА		CONV	ERTED MOI	NITOF	RVALUES						SAMPI	LE BO	TTLE	NUME	BER	
		PRESSUF			T	ERTED MOI		R VALUES	INITY	SEC. SAL	INITY	•	L. NO.	OXYG	SEN NO	T	CHL (APPROX. FLUORO LEVEL
DE		PRESSUF		СТЕ	T				INITY	SEC. SAL	INITY	•	L. NO.		SEN NO	T			FLUORO
1 5L	PTH (m)	PRESSUF		СТЕ	T				-INITY	SEC. SAL	INITY	•		OXYG	SEN NO	T			FLUORO
1 5L 2 3	PTH (m)	PRESSUF		СТЕ	T				INITY	SEC. SAL	INITY	•		OXYG	SEN NO	T			FLUORO
1 50 2 3 4	PTH (m)	PRESSUF		СТЕ	T				LINITY	SEC. SAL	INITY	•		OXYG	SEN NO	T			FLUORO
1 5L 2 3	PTH (m)	PRESSUF		СТЕ	T				INITY	SEC. SAL	INITY	•		OXYG	SEN NO	T			FLUORO
1 2 3 4 5 5	PTH (m)	PRESSUF		СТЕ	T				INITY	SEC. SAL	INITY			OXYG	SEN NO	T			FLUORO
1 2 3 4 5 6	PTH (m)	PRESSUF		СТЕ	T				LINITY	SEC. SAL	INITY			OXYG	SEN NO	T			FLUORO
1 2 3 4 5 6 7 8 9	PTH (m)	PRESSUF		СТЕ	T				INITY	SEC. SAL	INITY			OXYG	SEN NO	T			FLUORO
1 2 3 4 5 6 7 8	PTH (m)	PRESSUF		СТЕ	T				INITY	SEC. SAL	INITY			OXYG	SEN NO	T			FLUORO

VESSEL					PROJECT & L	EG			STATION DESI	IGNATION	
NOAA RA	V Oscar D	yson			DY1307						
CONSC CAST#	LA1	TITUDE MIN	L. DEG	ONGITUDE MIN	DATE JD=	DRY I TIME (A (GMT) TEN		PRESSURE * SEA STATE VISIBILITY Calculation * VISIBILITY Calculation * Calcula	(sty) CDZICAL CDZICAL CDCODD (amt) TYPE WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	562				W25 JUM 1 3	171708		638312	1661	178	016
CTD	<u></u>		TIMES	<u></u>	D/TIME		DATA LOCATIO	N	REMARK		. ,
TYPE & S	SN		DATA C)N		Tape/Diskette/D		iame/Header		eru attac	
PRESS S		S/N 0772	START	DOWN		DY1307	<u>C1</u>	rd 016	- 1 /1	1@84m1	
PRI COND) SN 4C	S/N 2985	AT DEP	⁻ НТ					- - '	5 min@ 166	
PRI TEMP	'SN 3+	S/N 2376	AT SUF	RFACE					MAX. DE	EPTH = 10	<u>о т</u>
SEC CON	DSN 4C	S/N 3127			**on primar	y T/C**				1	
SEC TEMP	P SN 3+	S/N 4379	1 1-1	AR S/N 70281	X WETStar F	LUOR S/N 868	X O2 S/N 0904 (pri)	X 02 S/N 19	61 (sec)	Cleaned air blee	d valve
			L X A	LTIMETER					041151 = #05	TE MUNICE	
	TRIP EPTH (m)			CTD	CONVERTED MONITOR	R VALUES			SAMPLE BOTT	I LE NUMBER	
	, 1	i						i			
		PRESSUF	₹E	PRI, TËMP.	SEC. TEMP.	PRI. SALINITY	Y SEC. SALINITY		OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
		PRESSUF	Æ	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	r SEC. SALINITY	y sal. no. 423	OXYGEN NO.	CHL (ml)	FLUORO
	ottom	PRESSUF	₹E	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 B		PRESSUF	Œ	PRI. TËMP.	SEC. TEMP.	PRI. SALINITY	r SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 Bo		PRESSUF	₹E	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 Ba		PRESSUR	₹E	PRI, TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 Ba		PRESSUF	₹E	PRI, TËMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 Ba 2 3 4 5 6 7		PRESSUF	Æ .	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 B ₀ 2 3 4 5 6 7 8		PRESSUR	₹E	PRI, TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 Ba 2 3 4 5 6 7		PRESSUF	RE .	PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO
1 Ba 2 3 4 5 6 7 8 9		PRESSUF	₹E	PRI, TEMP.	SEC. TEMP.	PRI. SALINITY	/ SEC. SALINITY		OXYGEN NO.	CHL (ml)	FLUORO

VESSEL	N Oscar D	vson			PROJECT & LI	EG					STATK		SIGNATION E70	
CONSC CAST #	LAT DEG N	TITUDE		JDE IIN DA	DATE JD= AY MO YR	TIME (GMT) HR MIN	DRY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	A G PRESSURE * SEA STATE	TRUE WIND DIR. * (deg)	TRUE C WIND C SPD. (kts)	ह्या ।		STA. NAME/ID
CTD	7 7 0 7		TIMES	JD/TIME		1010		DATA LOCAT				REMAR		
TYPE &	SN		DATA ON			Tape/Disk	ette/DVD			/Header				
PRESS			START DOWN			DY13			CTD O	17	.			
PRI CON			AT DEPTH							78	.			
PRI TEMI			AT SURFACE								1	MAX. D	EPTH = 17	<i>O</i> m
SEC CON		S/N 3127 S/N 4379	X PAR S/N		**on primar X WETStar F	y T/C** LUOR S/N 8	368 X O	12 S/N 0904 (I	ori) X	02 S/N 19			Cleaned air blo	
POS.	TRIP EPTH (m)			CTD CONV	ERTED MONITOR	RVALÜES					SAMPL	E BOT	TLE NUMBER	
		PRESSUR	RE PRI.	CTD CONV	SEC. TEMP.	PRI. SAI	LINITY	SEC. SALIN	IITY	SAL. NO.	1	EN NO.	CHL (ml)	APPROX. FLUORO LEVEL
D		PRESSUF	RE PRI.	ri e			LINITY	SEC. SALIN	IITY	sal. no. 424	1			APPROX. FLUORO
1 2	EPTH (m)	PRESSUR	RE PRI.	ri e			LINITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3	EPTH (m)	PRESSUR	RE PRI.	ri e			LINITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3 4	EPTH (m)	PRESSUR	RE PRI.	ri e			LINITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3 4 5	EPTH (m)	PRESSUR	₹E PRI. T	ri e			INITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3 4	EPTH (m)	PRESSUR	RE PRI. 1	ri e			INITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3 4 5 6	EPTH (m)	PRESSUR	RE PRI. 1	ri e			_INITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3 4 5 6 7 8 9	EPTH (m)	PRESSUR	RE PRI.	ri e			_INITY	SEC. SALIN	IITY		1			APPROX. FLUORO
1 2 3 4 5 6 7	EPTH (m)	PRESSUR	E PRI.	ri e			INITY	SEC. SALIN	IITY		1			APPROX. FLUORO

VESSE	L				PROJECT & L	.EG					STAT	ON DES	SIGNATION AETO	<i>6</i> 9:
		ar Dyson			DY1307						 			
CONS	C #	LATITUDE		ONGITUDE	DATE JD=	TIME (GMT)	RY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	B PRESSURE * SEA STATE	TRUE WIND DIR.	TRUE WIND SPD.	* CLOUD (amt) * TYPE * WEATHER	BOTTOM DEPTH (m)	STA. NAME/ID
	DEG	/6.30 _N	DEG / 5 3	59.80	DAY MO YR	HR MIN		(%)	043	5206	16		207	
01	8158	/ 0 . 3 0 N	1		D/TIME	/ / / · · · · ·	<u> </u>	DATA LOCA	1,0	1_1_1_		REMAR		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
CTD			TIMES		U/ 1 IME	Tape/Diskette				/Header				
TYPE			DATA C	_			U 7 L 1		CTD O					
PRESS		9+ S/N 0772	START	_		DY1307			010-	0	-			
PRI CO	ND SN	4C S/N 2985	AT DEP								-	MAY	EPTH = 19	7 m
PRI TEI	MP SN	3+ S/N 2376	AT SUF	RFACE		}						MAX. D	<u> </u>	<u> </u>
SEC CO		4C S/N 3127 3+ S/N 4379		AR S/N 70281	**on prima X WETStar F	ry T/C** FLUOR S/N 868	Χo	2 S/N 0904 (j	pri) X	O2 S/N 19	61 (sec	» [Cleaned air ble	ed valve
I			I IXIA	LTIMETER										
POS.	TRIP DEPTH		XA	LTIMETER CTD	CONVERTED MONITO	R VALUES					SAMF	LE BOT	TLE NUMBER	
				LTIMETER CTD PRI. TEMP.		R VALUES PRI. SALIN	IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO LEVEL
		(m) PRESSUI		CTD			ITY	SEC. SALIN	liTY	SAL. NO.	OXY	<u> </u>		APPROX. FLUORO
	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	liTY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4 5	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4 5 6	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4 5 6 7	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4 5 6	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4 5 6 7 8	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	lity	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO
1 2 3 4 5 6 7 8 9	DEPTH ((m) PRESSUI		CTD			IITY	SEC. SALIN	IITY	SAL. NO.	OXY	GEN NO.		APPROX. FLUORO

VESSE	L R/V Oscar	Dyson			PROJECT & L DY1307	EG					1		(NATION NE 70	
CONS	C L DEG	ATITUDE	DEG		DATE JD=	TIME	RY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	上 3 PRESSURE 文 * SEA STATE	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	+u * CLOUD (amt) * TYPE	• WEATHER	SOTTOM DEPTH (m)	STA. NAME/ID
CTD	11 3 1 2) 11 • 11 7 N	TIMES		IME	<u> </u>	 	DATA LOCAT	TION	<u></u>	•	REM/	ARKS		
TYPE	& SN		DATA			Tape/Disket	te/DVD I	D File	e Name/H	eader				<u></u>	
PRES		+ S/N 0772	START	r DOWN		DY1307	,		CTD O	9	.				
PRI CO	_	C S/N 2985	AT DE	PTH							_				
PRI TE	_	+ S/N 2376	AT SU	RFACE						51		MAX.	DEP1	[H = スプ	-1 m
1	_	C S/N 3127 + S/N 4379		PAR S/N 70281	**on primar X WETStar F	y T/C** LUOR S/N 868	3 X0	2 S/N 0904 (j	ori) X)2 S/N 190	61 (s e c)	Ск	saned air bl	eed valve
1			x	ALTIMETER											
POS.	TRIP DEPTH (m	K	X	ALTIMETER CTD CO	ONVERTED MONITOR	R VALUES					SAMP	LE BO	OTTLE	NUMBER	
) PRESSUI		ALTIMETER CTD CO	SEC. TEMP.	R VALUES PRI. SALIN	liTY .	SEC. SALIN		AL. NO.	T	LE BO	T	E NUMBER	APPROX. FLUORO LEVEL
		PRESSU		CTD C			NTY	SEC. SALIN		AL NO.	T		T		APPROX. FLUORO
1 2	DEPTH (m	PRESSU		CTD C			NTY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3	DEPTH (m	PRESSU		CTD C			IITY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3 4	DEPTH (m	PRESSU		CTD C			NITY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3	DEPTH (m	PRESSU		CTD C			JITY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3 4 5	DEPTH (m	PRESSU		CTD C			JITY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3 4 5 6 7	DEPTH (m	PRESSU		CTD C			JITY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3 4 5 6 7 8	DEPTH (m	PRESSU		CTD C			JITY	SEC. SALIN			T		T		APPROX. FLUORO
1 2 3 4 5 6 7	DEPTH (m	PRESSU		CTD C			JITY	SEC. SALIN			T		T		APPROX. FLUORO

VESSEL NOAA R/V Osc	ear Dyson		 	PROJECT & L DY1307	EG					STAT	ON D	ESIGN	NATION 670	82.
CONSC CAST#	LATITUDE	LONGITUE		DATE JD=	TIME (GMT) HR MIN	RY BULB (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	7 ∃ PRESSURE	TRUE WIND DIR.	TRUE WIND SPD. (kts)	* CLOUD (amt)	* WEATHER	OTTOM DEPTH (m)	STA. NAME/ID
CTD	10 0 0 N	TIMES	JD/TIME		1-1-1-1 -1		ATA LOCA				REM/	ARKS		
TYPE & SN		DATA ON			Tape/Disket	te/DVD I	D File	e Name/	Header					
PRESS SN	9+ S/N 0772	START DOWN			DY1307	7		CTD 0	20	.				
PRI COND SN	4C S/N 2985	AT DEPTH								.				
PRI TEMP SN	3+ S/N 2376	AT SURFACE									MAX.	DEPT	rH = / 9	m
SEC COND SN	4C S/N 3127 3+ S/N 4379	X PAR S/N 7	0281	**on primar X WETStar F	y T/C** LUOR S/N 86	8 X 02	2 S/N 0904 (j	pri) X	O2 S/N 19	61 (sec)	Cid	eaned air bi	leed valve
		XALTIMETE	Ŕ											
POS. TRIP		X ALTIMETE	R CTD CONVE	ERTED MONITOR	RVALUES					SAMP	LE BO	OTTLE	NUMBER	
			CTD CONVE	ERTED MONITOR	R VALUES PRI. SALII	NITY	SEC. SALIN	liTY	SAL. NO.	OXYG	SEN N	\overline{T}	CHL (ml)	APPROX. FLUORO
1 SurFe	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	lity	SAL. NO.		SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 SurFe	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	liTY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 Sur F	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	lity	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 SurFe	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	IITY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 SarF4 2 3 4	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	NTY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 SurF4 2 3 4 5 6 7	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	BITY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 SurF4 2 3 4 5 6 7 8	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	IITY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 Surta 2 3 4 5 6 7 8 9	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	IITY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO
1 SurF4 2 3 4 5 6 7 8	(m) PRESSUF		CTD CONVE			NITY	SEC. SALIN	BITY	SAL. NO.	OXYG	SEN N	\overline{T}	<u> </u>	APPROX. FLUORO

VESSEL NOAA R	N Oscar i	Dyson					ROJECT & Y1307	LEG								1	rion i	: 7	GNA D	ION		5
CONSC CAST#	LA DEG	TITUDE MIN	DEG	ONGITU MI		DAY	MO YF		ME MT)	ORY BUI (AIR TEMP) (°C)	Ri	ELATIVE UMIDITY (%)	(d) A	* SEA STATE VISIBILITY	TRUE WIND DIR. (deg)	WINE SPD. (kts)		* WEATHER	DE	TOM PTH m)	NA	STA. AME/ID
CTD	1317	7 . U 7 N	TIMES	04.		TIME	4 2 1 1	1	1.1.3	1 1 5 3	DAT	A LOCA	ATION			1 1	REN	IARK	(S			
TYPE &	SN		DATA C	N	5			Таре	/Diske	tte/DVD	D ID	F	ile Na	me/He	ader							
PRESS		S/N 0772	START					ł	DY130				CTD	02	·l	_						
PRI CONI	_	S/N 2985	AT DEF	TH												-						
PRI TEMP		S/N 2376	AT SUF	RFACE													MAX	(. DE	PTH	- 80		m
SEC CON		S/N 3127 S/N 4379	1 1	AR S/N 7			**on prima			8 X	02 S	/N 0904	(pri)	Хo	2 S/N 19)61 (se	ıc)		Clean	ed air bi	eed va	alve
500 L	TOID		ΧA	LTIMETE		OM/ED1	ED MONIT	SP VAL	IES					1		SAM	PLE E	OTT	LEN	UMBÉR)	
POS.	TRIP EPTH (m)		XA	LTIMETE		ONVERT	ED MONITO	ÖR VAL	UES				···			SAM	PLE E	отт	LE N	UMBÉR	<u> </u>	
D	EPTH (m)	PRESSUF		PRI. T	CTD C	T	ED MONITO	1	UES RI. SALII	NITY	SE	C. SALI	NITY		L. NO.	T	PLE E	 T		UMBER	17	APPROX. FLUORO LEVEL
1					CTD C	T	- 	1		NITY	SE	C. SALI	NITY		L. NO. 26	T		 T			17	FLUORO
1 2	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2 3	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2 3 4	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2 3 4 5 6 7	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2 3 4 5 6 7 8	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2 3 4 5 6 7 8 9	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO
1 2 3 4 5 6 7 8	EPTH (m)				CTD C	SE	- 	1		NITY	SE	C. SALI	NITY			T		 T			17	FLUORO

VESSEL NOAA R/V Oscar Dyson		OJECT & LEG 1307		STATION DESIGNATION *	€.
CONSC CAST # LATITUDE DEG MIN	DEG MIN DAY	TIME (/ E JD= (GMT) TE	AIR RELATIVE WAS SON	DIR. SPD. 3 E S DEPTH NA (deg) (kts) * * * (m)	STA. AME/ID
СТВ	TIMES JD/TIME		DATA LOCATION	REMARKS	
TYPE & SN	DATA ON	Tape/Diskette/	OVD ID File Name/Head	der	
PRESS SN 9+ S/N 0772	START DOWN	DY1307	CTD 0Z2		
PRI COND SN 4C S/N 2985	AT DEPTH				
PRI TEMP SN 3+ S/N 2376	AT SURFACE			MAX. DEPTH = 162	m
SEC COND SN 4C S/N 3127 SEC TEMP SN 3+ S/N 4379	X PAR S/N 70281 X		X O2 S/N 0904 (pri) X O2 S	SAMPLE BOTTLE NUMBER	aive
POS. TRIP DEPTH (m)	CTD CONVERTE	MONITOR VALUES		SAMPLE BOTTLE NUMBER	
PRESSU	RE PRI. TEMP. SEC	TEMP. PRI. SALINIT	SEC. SALINITY SAL.	NO. OXYGEN NO. CHL (ml)	APPROX. FLUORO LEVEL
1 Bot	22			175	
2	<u> </u>				
3 4					
5					
6					
7					
8					
9			4		
10	**************************************				
11					

VESSI		ar Dyson				PROJECT & L DY1307	EG					STAT	ON DES	IGNATION	1
CONS	SC SC	LATITUDE		ONGITUDE		DATE JD=	TIME (GMT)	DRY BULE (AIR TEMP)	RELATIVE HUMIDITY	PRESSURE SEA STATE	TRUE WIND DIR.	TRUE WIND SPD.	* CLOUD (amt) * TYPE * WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG		DEG	MIN	_	AY MO YR	HR MIN	(°C)	(%)	(mb) * *	(deg)	(1120)		(m)	
02	355	58.58N	154	44.4	o w c	874113	0736		89.0	108	3 0 3	17		310	
CTD			TIMES		JD/TIM	E			DATA LOCAT	TION			REMAR	KS	16
TYPE	& SN		DATA C	ON .			Tape/Disk	ette/DVD	ID File	e Name/H	leader				
PRES	S SN	9+ S/N 0772	START	DOWN			DY13	07		CTD D 7	23				
PRI CC	ND SN	4C S/N 2985	AT DEP	тн								•			
PRI TE	MP SN	3+ S/N 2376	AT SUF	RFACE									MAX. D	EPTH= 3 or	<u>) т</u>
	OND SN EMP SN	4C S/N 3127 3+ S/N 4379	ΧP	AR S/N 7028	1	**on primar X WETStar F	y T/C** LUOR S/N 8	368 X)2 S/N 0904 (j	pri) X	D2 S/N 19	61 (sec	» [Cleaned air bie	ed valve
POS.	TRIP DEPTH		<u> X A</u>	LTIMETER CT	D CON	VERTED MONITOR	RVALUES					SAMP	LE BOT	TLE NUMBER	APPROX.
		PRESSU	RE	PRI. TEMI	,	SEC. TEMP.	PRI. SA	LINITY	SEC. SALIN	IITY S	AL. NO.	OXY	SEN NO.	CHL (ml)	FLUORO LEVEL
1	Bet									4	727	1:	50		
2	100											ļ			
3															
4												<u> </u>			_
5									<u> </u>			-	<u></u>		
6	**						ļ		<u></u>			-			
7												<u> </u>		-	
8					_		-			<u>_</u>		 		 	
9				~								1		 	
10 -	<u> </u>						 		·····			+		 	
11	1	1					I .					1		I	

VESSE		car Dyson			PROJECT & DY1307	LEG									NATION	3	
CONS	sc	LATITUDE MIN	DEG		DATE JD= DAY MO YR W 09 J 4 1 1 3	TIME (GMT) HR MIN	DRY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	Z 3 PRESSURE	* SEA STATE * VISIBILITY	TRUE WIND DIR. (deg)	TRUE WIND SPD. (kts)	CLOUD (amt)	* WEATHER	BOTTOM DEPTH (m)	ST/ NAME	
CTD	11010	1713 1 - 10 31 -	TIMES	<u> </u>	D/TIME			DATA LOCA	TION		<u> </u>		REMA	\RK!			
TYPE	& SN		DATA	-		Tape/Diske	ette/DVD	ID File	e Nan	n e /He	ader						
PRES		9+ S/N 0772		T DOWN		DY130			CTD	02	4						
PRI CO		4C S/N 2985	AT DE	 PTH							τ						
PRI TE		3+ S/N 2376	AT SU	RFACE									MAX.	DEP	TH= 7/	m	
SEC CO	OND SN	4C S/N 3127 3+ S/N 4379	_	PAR S/N 70281	**on prima X WETStar F	ry T/C** FLUOR S/N 8	68 X O)2 S/N 0904 (ori)	X oz	2 S/N 196	31 (sec)	ြင	leaned air bi	eed valve	,
			X	ALTIMETER						سسييي							
POS.	TRIP DEPTH		<u> </u>	ALTIMETER CTD	CONVERTED MONITO	R VALUES					· · ·	SAMP	LE BC	TTL	E NUMBER		
	DEPTH	(m) PRESSL		ALTIMETER CTD PRI, TEMP.	CONVERTED MONITO	R VALUES PRI. SAL	INITY	SEC, SALIN	ITY		L. NO.		LE BC	T	E NUMBER	APF FLU	PROX. JORO VEL
1		(m) PRESSL		CTD			INITY	SEC, SALIN	ITY		L. NO.			T		APF FLU	JORO
1 2	DEPTH	(m) PRESSL		CTD			INITY	SEC, SALIN	ITY					T		APF FLU	JORO
1 2 3	DEPTH	(m) PRESSL		CTD			INITY	SEC, SALIN	IITY					T		APF FLU	JORO
1 2	DEPTH	(m) PRESSL		CTD			INITY	SEC. SALIN	IITY					T		APF FLU	JORO
1 2 3 4	DEPTH	(m) PRESSL		CTD			INITY	SEC. SALIN	IITY					T		APF FLU	JORO
1 2 3 4 5	DEPTH	(m) PRESSL		CTD			INITY	SEC, SALIN	IITY					T		APF FLU	JORO
1 2 3 4 5 6 7 8	DEPTH	(m) PRESSL		CTD			INITY	SEC. SALIN	ITY					T		APF FLU	JORO
1 2 3 4 5 6 7 8	DEPTH	(m) PRESSL		CTD			INITY	SEC. SALIN	IITY					T		APF FLU	JORO
1 2 3 4 5 6 7 8	DEPTH	(m) PRESSL		CTD			INITY	SEC. SALIN	IITY					T		APF FLU	JORO

VESSEL NOAA RA	V Oscar i	Dyson			PROJECT & L	.EG							ON DE	SIGNAT	ION	
	DEG	TITUDE MIN	DEG		DATE JD= DAY MO YR	TIME (GMT) HR MIN	DRY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	(mb) *	*	TRUE WIND DIR. (deg)	TRUE ! WIND (SPD. ((kts) !	* TYPE	BOT DEF	PTH n)	STA. NAME/ID
025	26 4	1.03 N	153	34.86	W10J4113	11/16		95.	72	<u> </u>	287	15	$\perp \perp$		84	
CTD			TIMES	JD	/TIME			DATA LOCAT	TION			ļ	REMA	RKS		
TYPE & S	SN .		DATA	ON		Tape/Diske	ette/DVD	ID Fik	e Name	/Hea	ader					
PRESS SI	N 9+	S/N 0772	START	DOWN		DY130	08		CTD C	25	5					
PRI COND	SN 4C	S/N 2985	AT DE	 РТН												
PRI TEMP	_	S/N 2376	AT SU	RFACE			•					` 1	MAX. [DEPTH =	:	m
SEC COND	SN 40	S/N 3127 S/N 4379	1 H	PAR S/N 70281	**on primar X WETStar F	•	68 X O)2 S/N 0904 (p	ori) X	02	S/N 196	61 (sec)		Cleane	d air blee	d valve
	TRIP PTH (m)		<u> </u>		CONVERTED MONITOR	RVALUES	,			٠		SAMPL	E BO	TTLE NU	IMBER	
		PRESSUF	RE	PRI. TEMP.	SEC. TEMP.	PRI. SAL	INITY	SEC. SALIN	ITY	SAL	NO.	OXYG		. CH	IL (ml)	APPROX. FLUORO LEVEL
1 5 u	you											17	2			ļ
2	·								\rightarrow		<u> </u>			<u> </u>		
3		<u> </u>										ļ <u> </u>		-		
4			\rightarrow					· · · - · · · ·						+		
5			$\overline{}$						-					-		<u>- </u>
6 7			\rightarrow			<u> </u>								+		
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VESSE			<u> </u>		PROJECT & L	STATION DESIGNATION ME 7 D							
NOAA	R/V Osc	ar Dyson			DY1307						T		
CONS	ic	LATITUDE	L DEG	ONGITUDE MIN	DATE JD=	TIME (A (GMT) TE HR MIN (BULB AIR RELATIVE MP) HUMIDITY		(deg)	* * (sty) * CLOUD (smt) * TYPE	(m)	STA. NAME/ID	
02	656	34.56 N	152	07.97 W	11 Jul 13	1156		16	231	144	80		
CTD			TIMES	JD/T	IME		DATA LOCA	ATION		REMAR	KS		
TYPE	& SN		DATA	ON		Tape/Diskette/	DVD ID F	ile Name/h					
PRES	S SN	9+ S/N 0772	START	DOWN		DY1307		CTD O2	16	.	<u> </u>		
PRI CC	ND SN	4C S/N 2985	AT DEF	PTH						.			
PRI TE	MP SN	3+ S/N 2376	AT SUF	RFACE						MAX. D	EPTH = 7 3	m	
1	OND SN	4C S/N 3127 3+ S/N 4379	XP	AR S/N 70281	**on primar X WETStar F	y T/C** LUOR S/N 868	X 02 S/N 0904	(inq)	02 S/N 196	31 (sec)	Cleaned air bid	ed valve	
1			X	LTIMETER									
POS.	TRIP DEPTH		XA	LTIMETER CTD CC	NVERTED MONITOR	RVALUES		n	o Sam	SAMPLE BOT	ILE NUMBER		
POS.					SEC. TEMP.	PRI. SALINIT	Y SEC. SALI		0 Sam BAL. NO.	SAMPLE BOT ALL OXYGEN NO.	TLE NUMBER CHL (ml)	APPROX. FLUORO LEVEL	
POS.		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2 3		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2 3 4		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2 3 4 5 6 7		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2 3 4 5 6 7 8		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
1 2 3 4 5 6 7 8		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	
POS. 1 2 3 4 5 6 7 8		(m)		CTD CC	1		Y SEC. SALI					APPROX. FLUORO	

VESSEL	4.00	D	PROJECT & LEG DY1307						STATION DESIGNATION										
NOAA R/	v Oscar	uyson				ווינדזען /			Т	Ţ.	шТ. Т		1 1:	ହା ।	- 1				
CONSC CAST#		ATITUDE		ONGITUDE		DATE JD=	TIME (GMT)	DRY BULE (AIR TEMP)	RELATIVE HUMIDITY	PRESSURE		TRUE WIND DIR.	TRUE! WIND SPD.	CLOUD (amt)	WEATHER	BOTT DEP	TH	STA. NAME/ID)
	DEG	MIN	DEG	MIN	DA		HR MIN	(°C)	(%)	(mb)		(deg)	(kts)	_ 	+	(m)		 	
027	565	4.19N	152	27.99	5 W) 7	27413	1125			112	11.	166	05	877		1.	70		Ц
CTD			TIMES		JD/TIME				DATA LOCAT				=95	REMA	RKS	}		···	
TYPE & S	3N		DATA O	N _		<u></u>		ette/DVD		e Nam			-						
PRESS S	N 91	+ S/N 0772	START	DOWN _			DY13	307		CTD	02.	<u> </u>	.			 .			
PRI COND) SN <u>40</u>	C S/N 2985	AT DEP	тн -									. }						
PRI TEMP	'SN 31	+ S/N 2376	AT SUR	FACE										MAX. I	DEP	TH =	161	m	-
SEC CON	D SN 40	C S/N 3127				**on prima	ry T/C**	1		ı				Г	7				
SEC TEMP	> SN _34	+ S/N 4379	X PA	AR S/N 70281	11	X WETStar F	LUOR S/N	868 X C)2 S/N 0904 (i	ori)	X 02	S/N 196	31 (sec)) <u>[</u>		leaned	d air blee	d valve	
			1 🗂																
			X AI	LTIMETER												F- 611 "	MD-P		
	TRIP		X AL	_TIMETER CTE	D CONVE	RTED MONITO							SAMP		TTU	E NUI	MBER		
	TRIP EPTH (m)		X AL	_TIMETER CTE	D CONVE	RTED MONITO									TTL	E NUI	MBER		
				СТЕ		Flat C		LINITY	SEC. SALIN	ΙΙΤΥ		L <u>.</u> NO.	SAMP		Т		MBER	APPROX FLUORO LEVEL	0
DE		PRESSUF		CTC PRI. TEMP			alm	LINITY	SEC. SALIN	IITY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1				СТЕ		Flat C	alm	LINITY	SEC. SALIN	IITY	SAL 42	L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
DE				СТЕ		Flat C	alm	LINITY	SEC. SALIN	liTY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2				СТЕ		Flat C	alm	LINITY	SEC. SALIN	liTY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2 3 4 5				СТЕ		Flat C	alm	LINITY	SEC. SALIN	liTY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2 3 4 5 6				СТЕ		Flat C	alm	LINITY	SEC. SALIN	HTY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2 3 4 5 6 7				СТЕ		Flat C	alm	LINITY	SEC. SALIN	IITY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2 3 4 5 6 7 8				СТЕ		Flat C	alm	LINITY	SEC. SALIN	liTY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2 3 4 5 6 7 8 9				СТЕ		Flat C	alm	LINITY	SEC. SALIN	IITY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0
1 2 3 4 5 6 7 8				СТЕ		Flat C	alm	LINITY		liTY		L <u>.</u> NO.	SAMP	LE BO	Т			FLUORO	0

VESSEL		2			PROJECT & LI	EG		STATION DESIGNATION ME JO							19
NOAA R/	V Oscar	Dyson			וטפרדטן			Ţ	T.	iii .			 	· · · · · · · · · · · · · · · · · · ·	
CONSC CAST#		ATITUDE	LONGIT		DATE JD=	TIME (GMT)	DRY BULE (AIR TEMP)	RELATIVE HUMIDITY	PRESSURE	SEA STATE VISIBILITY	UE TRU ND WIN R. SPI	* CLOUD (amt)	WEATHER	BOTTOM DEPTH	STA. NAME/ID
	DEG	MIN	DEG A	MIN	DAY MO YR	HR MIN	(°C)	——————————————————————————————————————	(mb)	* * (de			 -	(m)	
028	-	21.57N	15205	.65W	1474113	1100		199.8	Ш	00				82	
CTD			TIMES	JD/TIM				DATA LOCAT			05	REM.	IARKS	<u> </u>	
TYPE & S	SN		DATA ON			Tape/Disk	ette/DVD	ID Fik	e Nam	ne/Header	r	n	0 5	soupe	es
PRESS S	SN 94	+ S/N 0772	START DOWN	4		DY13	07		CTD	028		-	Z	us co	4
PRI CONE	D SN 40	C S/N 2985	AT DEPTH												
PRI TEMP	> SN 34	+ S/N 2376	AT SURFACE									MAX.	. DEP	TH=74	m
SEC CON		C S/N 3127 + S/N 4379	X PAR S/N		**on primar		168 X C)2 S/N 0904 (p	ori)	X 02 S/N				leaned air ble	
POS.	TRIP EPTH (m))	- 	CTÐ CON	IVERTED MONITOR	₹ VALUES					SAM	MPLE BO	OTTLI	E NUMBER	
		PRESSUF	RE PRI.	CTD CON	SEC. TEMP.	PRI. SAI	INITY	SEC. SALIN	IITY	SAL. NO		MPLE BO		E NUMBER	APPROX. FLUORO LEVEL
			RE PRI.	Ī			_INITY	SEC. SALIN	IITY	SAL. N					APPROX. FLUORO
1 2			RE PRI.	Ī			.INITY	SEC. SALIN	IITY	SAL. NO					APPROX. FLUORO
1 2 3			₹E PRI.	Ī			"INITY	SEC. SALIN	IITY	SAL. NO					APPROX. FLUORO
1 2			RE PRI.	Ī			"INITY	SEC. SALIN	lity	SAL. NO					APPROX. FLUORO
1 2 3 4			RE PRI.	Ī			INITY	SEC. SALIN	IITY	SAL. NO					APPROX. FLUORO
1 2 3 4 5 5			RE PRI.	Ī			INITY	SEC. SALIN	IITY	SAL. NO					APPROX. FLUORO
1 2 3 4 5 6 7 8			RE PRI.	Ī			.INITY	SEC. SALIN	ITY	SAL. NO					APPROX. FLUORO
1 2 3 4 5 6 7 8 9			RE PRI.	Ī			INITY	SEC. SALIN	IITY	SAL. NO					APPROX. FLUORO
1 2 3 4 5 6 7 8			RE PRI.	Ī			INITY	SEC. SALIN	IITY	SAL. NO					APPROX. FLUORO

VESSE	L R/V Oscar i	Dvson			PROJECT & L	EG					STATION DES	こつわ	
CONS CAST	C LA	ATITUDE	DEG I	ONGITUDE MIN 03.34 W	DATE JD=	TIME (GMT) HR MIN	RY BULE (AIR TEMP) (°C)	RELATIVE HUMIDITY (%)	SEA STATE VISIBILITY	TRUE WIND DIR. (deg)	C C COOR (stat)	BOTTOM DEPTH (m)	STA. NAME/ID
CTD		<u> </u>	TIMES	JD/TI	ME			DATA LOCAT	ION		REMAR	KS	
TYPE	& SN	:	DATA O	N		Tape/Disket	te/DVD l		Name/He		no	Sample	2
PRES	S SN 9+	S/N 0772	START I	DOWN		DY1307	7		CTD 0 2	7	T	his cost	
PRI CO	NDSN 40	S/N 2985	AT DEP	тн				N			.	·· ·······	,
PRI TE	MPSN 3+	- S/N 2376	AT SUR	FACE							MAX. D	EPTH = 16	6 m
1		S/N 3127 S/N 4379	_	AR S/N 70281 .TIMETER	**on primar X WETStar F	y T/C** LUOR S/N 86	s Xo	2 S/N 0904 (p	ri) XO	2 S/N 196	31 (sec)	Cleaned air bid	ed valve
POS	TOID			CTD CO	NVERTED MONITOR	RVALUES					SAMPLE BOT	TLE NUMBER	
POS.	TRIP DEPTH (m)		N AL	CTD CO	NVERTED MONITOR	RVALUES					SAMPLE BOT	TLE NUMBER	
		PRESSUF		CTD CO	NVERTED MONITOR	PRI. SALII	NITY	SEC. SALINI	TY SA	AL. NO.	OXYGEN NO.	TLE NUMBER	APPROX. FLUORO LEVEL
1		<u> </u>		СТД СО			NITY	SEC. SALINI	TY SA				FLUORO
1 2		<u> </u>		СТД СО			NITY	SEC. SALINI	TY SA				FLUORO
1 2 3		<u> </u>		СТД СО			NETY	SEC. SALINI	TY SA				FLUORO
1 2		<u> </u>		СТД СО			NITY	SEC. SALINI	TY SA				FLUORO
1 2 3 4		<u> </u>		СТД СО			NITY	SEC. SALINI	TY SA				FLUORO
1 2 3 4 5 6 7		<u> </u>		СТД СО			NITY .	SEC. SALINI	TY SA				FLUORO
1 2 3 4 5 6 7 8		<u> </u>		СТД СО			NETY	SEC. SALINI	TY SA				FLUORO
1 2 3 4 5 6 7 8		<u> </u>		СТД СО			NITY	SEC. SALINI	TY SA				FLUORO
1 2 3 4 5 6 7 8		<u> </u>		СТД СО			NITY	SEC. SALINI	TY SA				FLUORO

VESSEL	Oscar Dyson		PROJECT & L DY1307	EG			STATION DESIGNATION				
CONSC CAST#	LATITUDE EG MIN	LONGITUDE DEG MIN 15217.67w	DATE JD=	TIME (AIF (GMT) TEM HR MIN (°C	RELATIVE HUMIDITY (%)	PRESSURE (qw) * (geg) / (deg) / (deg) / (deg) / (deg)	(sty) • • (sty) • • CLOUD (amt) • • TYPE	BOTTOM DEPTH (m)	STA. NAME/ID		
0305	7743.28N	* 9 12 1 1 1 1 1 1 1 1 	<u> </u>	<u> </u>	DATA LOCATI		REMAR	<u></u>			
CTD		TIMES JD/T	IME	Tome/Diskette/D		Name/Header		niak v	mormo		
TYPE & SN		DATA ON		Tape/Diskette/D\		CTD 030		ンプロ	1000		
PRESS SN	9+ S/N 0772	START DOWN		DY1307			-	<u> </u>			
PRI COND SM	N 4C S/N 2985	AT DEPTH					-	EPTH = 180)		
PRI TEMP SN	N 3+ S/N 2376	AT SURFACE	T				MAX. D	EPIH= 700	/ m		
SEC COND S		X PAR S/N 70281	**on primar X WETStar F	LUOR S/N 868	O2 S/N 0904 (pa	ri) X 02 S/N 19	61 (sec)	Cleaned air bio	ed valve		
		X ALTIMETER					04401500	TI E 111 1110 CD			
	RIP TH (m)		NVERTED MONITOR	RVALUES			SAMPLE BOT	TLE NUMBER			
		СТОСО	NVERTED MONITOR	R VALUES PRI. SALINITY	SEC. SALINI		OXYGEN NO.	TLE NUMBER	APPROX. FLUORO LEVEL		
DEP1	TH (m)	СТОСО			SEC. SALINI	TY SAL. NO. 24/		T	APPROX. FLUORO		
1 2	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4 5	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4 5 6	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4 5 6 7	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4 5 6 7 8 9 10	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		
1 2 3 4 5 6 7 8 9	TH (m)	СТОСО			SEC. SALINI		OXYGEN NO.	T	APPROX. FLUORO		