12	11	10	9	8	7	о	5	<u>.</u>	4	ω	2	- II		POS. T		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	001		CONSC CAST#	VESSEL NOAA R/V
							1	=				UI CU	PRESSURE	TRIP DEPTH (m)		SN 3+ S/N 4379	SN 4C S/N 3127	3+ S/N 2376	N 4C S/N 2985	9+ S/N 0772	_		5906.14	DEG MIN	LATITUDE	VESSEL NOAA RIV Oscar Dyson
,													SURE PRI. TEMP	CTI	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	2 1 51 0 0 0 0	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar	**on primary T/C**				į	JD/TIME	OW 30 P 7 1 3	DAY MO YR	DATE JD=\20	PROJECT & LEG
													PRI. SALINITY	R VALUES		X WETStar FLUORO S/N 868 X O2 S/N	лу Т/С**			DY1305	Tape/Diskette/DVD ID		기 6 무 괴 3	HR MIN (°C)	TIME (AIR (GMT) TEMP)	LEG
			;										SEC. SALINITY		Sec	02 S/N 0910 (pri)	ı			 		DATA LOCATION	ST I	(%)	ULB RELATIVE P) HUMIDITY	
												• 1714 •	SAL NO.	(0		0910 (pri) X 02 S/N 0904-(see)]			CTD OO1	File Name/Header	ž	060	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DE TREE	
												ហ៍	OXYGEN NO.	SAMPLE BOTTLE NUMBER	Ţ]	MAX. DEPTH =	(Sanara)	alter dec	GORE	REMARKS	+	(kts) * * *	SECTION (AMI) CLOUD (AMI) TYPE WEATHER	STATION DESIGNATION
													APPROX. FLUORO CHL (ml) LEVEL	NUMBER		Cleaned air bleed valve		H = (E/	200	POINT		20 CO	(m)	BOTTOM STA. DEPTH NAME/ID	ATION NOITA

12	1	10	9	œ	7	6	O1	1	Δ	အ	2	<u>-</u> س		DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	0 9) Ut U	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
													PRESSURE	<u>n</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			58.19N	SIZ	LATITUDE	ar Dyson
										·			E PRI. TEMP.	CID	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JE	15056.85	DEG MIN	LONGITUDE	
					:								SEC. TEMP.	CID CONVERTED MONTOR VALUES		X WETStar F	**on primary T/C**					JD/TIME	5 W 30 P 7 7 1 3	DAY MO YR	DATE JD=120	PROJECT & LEG
													PRI. SALINITY	X VALUES		X WETStar FLUORO S/N 868 X				DY1305	Tape/Diskette/DVD ID		18363.	HR MIN (°C)	TIME (AIR (GMT) TEMP)	TEG
													SEC. SALINITY		2	X 02 S/N 0910 (pri)	•					DATA LOCATION	170 10	(%) (mb)	H R	
													SAL. NO.	ğ		X 02 S/N 0904 (sec)]			CTDOOS	File Name/Header		0991	* * (deg)	SEA STATE VISIBILITY OR TR	S
												3	OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =	100	01/401	3409	REMARKS		(kts) * * *	TYPE WEATHER	
													CHL (ml)	יי אכואונות		Cleaned air bleed valve		로"	100 CON	800000	E POINT	e fe de la fermana de la companya de la fermana de la companya de la fermana de la companya de l	्र 0	(m)	BOTTOM	R-34A NOITENA
													APPROX. FLUORO LEVEL			valve		3	2/102		1				STA. NAME/ID	

12	11	10	9	8	7	o	ď	n	4	ω	2	1		POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	000	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
							<u> </u>		•		_		PRESSURE	(m)	=	3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			44.61N	NIN	LATITUDE	ar Dyson
													RE PRI. TEMP.	CIDC	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	15051.	DEG MIN	LONGITUDE	
							(0)						SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	# 2 W 3 O A P R 1 3	DAY MO YR	DATE JD=\30	PROJECT & LEG
													PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N	, T/C#			DY1305	Tape/Diskette/DVD ID		2051 H.	HR MIN (°C)	TIME (AIR (GMT) TEMP)	EG
								-	,				SEC. SALINITY			02 S/N 0910 (pm)	A. 3 3			CTD		DATA LOCATION	H184	(%) (mb)	REL	
												ਜੁ	SAL. NO.			X 02 S/N 0904 (sec)]			CTDOOS	File Name/Header		134	* * (deg)		
												と出る	OXYGEN NO.	SAMPLE BOTTLE NOMBER)4 (sec)	1	MAX. DEPTH =		000	CORE	REMARKS		(kts) * * *	SE TRUE DE LOUD (amt TYPE WEATHER	
													CHL (ml)	TE NOMBER		Cleaned air bleed valve		EPTH = \'\-\	4	3000	RE POIN	KS	7 1	(m)	BOTTOM DEPTH	ESIGNATION
													APPROX. FLUORO LEVEL			ed valve		3			127				STA. NAME/ID	

12	11	10	9	8	7	6	5	4	 w	2	<u>۔</u>		POS. TRIP DEPTH (m)	1	SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN 3	PRI COND SN 4	PRESS SN S	TYPE & SN	CTD	004590	DEG	CONSC CAST# L	VESSEL NOAA R/V Oscar Dyson
												PRESSURE	<u>. 3</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			1	MIN	LATITUDE	r Dyson
												E PRI. TEMP.	CTD CC	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	15154.7HV	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	IWO1 374 13	DAY MO YR	DATE JD=121	PROJECT & LEG
												PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri)) T/C**			DY1305	Tape/Diskette/DVD ID		00583.7	HR MIN (°C)	DRY BULB (GMT) TEMP)	EG
						,						SEC. SALINITY							CTD		DATA LOCATION	8311	(%) (mb)	RELATIVE PRESSURE	
		:										SAL. NO.	ď		X O2 S/N 0904 (sec)				CTD OOH	File Name/Header		082	(deg)	SEA STATE VISIBILITY DIR. DIR. O. V. T.	
						5					T 0	OXYGEN NO.	SAMPLE BOTTLE NUMBER			d.,	MAX. DEPTH =	8	(after	大ピス	REMARKS	00	(kts) * *	PO TRUE CLOUD (amt) TYPE WEATHER	が置
							į					CHL (ml)	LE NOMBEX		Cleaned air bleed valve		PTH =	The second secon	Jan John	大でるなでりょう	Ś	194	(E)	BOTTOM DEPTH	
												APPROX. FLUORO LEVEL)d valve		3			200		Agenda di Al-Arminia		STA.	Þ

12	11	10	9	8	7	თ	თ	4		در	2	_		POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	О О И		CONSC CAST#	VESSEL
												00		TRIP DEPTH (m)		_					S		5 8 H	DEG		VESSEL NOAA R/V Oscar Dyson
													PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			و ا ا	MIN	LATITUDE	Dyson
						L	L	+	+				<u> </u>		×	× پ	1	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	ر رو رو	DEG	רנ	
													PRI. TEMP.	CTDC	ALTIMETER	X PAR S/N 4242		FACE	로 	DOWN	Z	۵r	15.06	MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar F	**on primary T/C**					JD/TIME	6W013AU13	DAY MO YR	DATE JD=\2\	PROJECT & LEG
													PRI. SALINITY	R VALUES		LUORO S/N 868	у T/С**			DY1305	Tape/Diskette/DVD ID		0356 4	HR MIN (°C)	TIME DRY BULB (GMT) TEMP)	LEG
			· "										SEC. SALINITY			X WETStar FLUORO S/N 868 X O2 S/N 0910 (pi)			1	 		DATA LOCATION	· O 7809) (%) (mb)	RELATIVE	
												I G	SAL. NO.			X 02 S/N 0904 (eee)]			CTD DOS	File Name/Header	Z	40104	b) * * (deg)	PRESSURE SEA STATE VISIBILITY NO TRACE PROSE	
												्त ()	OXYGEN NO.	SAMPLE BOTTLE NUMBER		33	32.	MAX. DEPTH =	0	alto	STEN	REMARKS	11	(Kts) * *	SPORTER TO THE PROPERTY OF THE	6C-ANSC NOITATS
													CHL (ml)	E NUMBER		Cleaned air bleed valve		= HTc		attended!		S	رو رو	(E)	BOTTOM DEPTH	GNATION SAPE
													APPROX. FLUORO LEVEL			d valve		3			ENT				STA. NAME/ID	

12	11	10	9	8	7 10	6 දුර	5 30	4 40	3 (3)	2 75	- 123+		POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	00655	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
								Niski				PRESSURE	<u>(E</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			1288N	MIN	LATITUDE	car Dyson
	-							Kin H Lea						X ALTIMETER	X PAR S/N 4242	j	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	16141	DEG N	LONGITUDE	
								2 4 0 5				PRI. TEMP.	CTD CONVER	ËR	4242				-		JD/TIME	16W 00	MIN DAY		
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FI	**on primary T/C**						0230413	MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (क्रमे	/ T/C**			DY1305	Tape/Diskette/DVD ID		1750	HR MIN	TIME DR'	EG
				10	109	1093	109	109	1090	100	108	Y SEC-SALINITY			X 02 S/N 09]				/DVD ID	DATA LO	0	(°C) (%)	DRY BULB (AIR RELATIVE TEMP) HUMIDITY	-
				0 95	94	73	92	9/	40	30	88			: -					CTDOOG	File Name/Header	OCATION	09	(mb) * *	PRESSURE SEA STATE VISIBILITY	-
				0								SAL NO. OX	SAM		X 02 S/N 0904 (eee)				5	eader		01320	(deg) (kts)	DIR. TRUE SPD. CLOUD (amt)	STA
				42								OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =	are well and the special state of the special state			REMARKS		*	TYPE WEATHER	STATION DESIGNATION
							:					CHL (ml)	NUMBER		Cleaned air bleed valve		H= 9/			direction of the contract of t		102	(m)	BOTTOM	NATION
												APPROX. FLUORO LEVEL			1 valve		3				where the constraint and the $\mathcal{A}_{ij}(x)=\partial_{x}x^{ij}$, which is the constraint and	5-9-49-		STA. NAME/ID	

- T		8	7 6	6 16	5	4	3 30	2 40	1 Bot		POS. TRIP DEPTH (m)		SEC TEMP SN 3+	SEC COND SN 4C	PRI TEMP SN 3+	PRI COND SN 4C	PRESS SN 9+	TYPE & SN	CTD	007642	DEG	CONSC:	VESSEL NOAA RIV Oscar Dyson
										PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376 A	4C S/N 2985 A	9+ S/N 0772 S			6 . 6 0 N	Н	LATITUDE	Dyson
Ö										PRI. TEMP.	CTD CO	X ALTIMETER	X PAR S/N 4242	3	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	159.3	DEG MIN	LONGITUDE	
										SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					ME	7W 63 30 A 4 1 3	DAY MO YR	DATE JD=	PROJECT & LEG
										DIC.	VALUES		X WETStar FLUORO S/N 868 X 02 S/N	, T/C***			DY1305	Tape/Diskette/DVD ID		- 4080	HR MIN (°C)	DRY BULB (AIR (GMT) TEMP)	"G
			1161	1100	1099		1098	1097	1096	Mutes SEC-SALINITY			02 S/N 0910 (pri)	*			 		DATA LOCATION	27		RELATIVE	
									1 H	SAL. NO.			X O2 S/N 0904 (8 99)				CTDOOT	File Name/Header	ž	354	* * (deg)	PRESSURE SEA STATE VISIBILITY DIR. NO.	
									.59	OXYGEN NO.	SAMPLE BOTTLE NUMBER			2	MAX. DEPTH =	The state of the s		- de-	REMARKS	20	*	S TRUE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
			2 2 2 2 2 2 4	287	するの		2 2 7	S & 3	%	CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH= 48				S	25	(m)	BOTTOM DEPTH	IGNATION
										APPROX. FLUORO LEVEL			ed valve		3							STA. NAME/ID	

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EESSURE PRI TEMP. SEC. TEMP. PRI SALINITY RECURSION STATION DESIGNALION DATA LOCATION DA	12	11	10	9	8 /0	7 20	6	5 40	4 5%	3 75	2 100	1 Bo+		POS. TRIP DEPTH (m)		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	NS 800	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
PROJECT & LEG PROJECT & LE												136	PRESSU	(m)	:	3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			25	Г	LATITUDE	car Dyson
RELATIVE SS ASIS IT TRUE TRUE OF HEADTON DESIGNATION (AIR RELATIVE SS ASIS IT TRUE TRUE OF HEADTON PRISON HUNDON'S SS ASIS IN WIND WIND OF HEADTON WIND OF HEADTON PRISON OF THE NUMBER (CC) (%) (mb) • (deg) (kts) • • (m) DATA LOCATION REMARKS REMARKS REMARKS REMARKS REMARKS REMARKS SAMPLE BOTTLE NUMBER 1102 1103 1104 1104 1104 1104 1104 1106 1106 1107 1108														CTD	ALTIMETE	X PAR S/N 4242]	AT SURFACE	AT DEPTH _	START DOWN _	DATA ON		16508.9	-	LONGITUDE	
RELATIVE STATION DESIGNATION (AIR RELATIVE SSTATILITY RELATIVE SSTATION WIND ON THEMP) HUMIDITY RESIGNATION DATA LOCATION REMARKS REMA													SEC. TEMP.	CONVERTED MONITO		X WETStar F	**on prima					D/TIME	W 03 May 1	MO	DATE JD=	PROJECT & DY1305
ATIVE SUBJECTION ATIVE SUBJECTION SEA SIGNATION CID CID SALIMITY SALINO. OXYGEN NO. CHL (ml) OR OR OR OR OXYGEN NO. CHL (ml) OR OR OXYGEN NO. CHL (ml)					-								PRI. SALINITY	R VALUES		LUORO S/N 868	у T/C**			DY1305	Tape/Diskette/D\		0-4-0	ME		LEG
TRUE TRUE TRUE ON DESIGNATION SEASIBLITY SEASIBLITY WIND WIND ON WIND	•			1110	1100	1108	1107	1106	1105	1104	1103	1102	SEC-SALINITE			(O2 S/N 0910 (pri)	,						-0	(%)	1	
AAX. DEPTH NO. CHL (ml) Cleaned air bleed v.																				TD	Name/Header	Ň	350	*	SEA STATE VISIBILITY DIR NO	-
													OXYGEN NO.	SAMPLE BOTTLI			<u>}</u>	MAX. DEP				REMARKS	7	(kts) * *	TYPE WEATHER	STATION DESIG
APPROX LEVEL LEVEL		-		24C	14. 14.	283	28/	S	25/					IT NUMBER		leaned air bleed va		73				3		(m)	BOTTOM STA. DEPTH NAME/ID	NATION

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12	11	10 🕝	9):0	8 2C	7 30	c 12 9	5 50	4 75	3 /oC	2 /50	<u>a</u>		POS. TRIP DEPTH (m)		SEC TEMP SN	SEC COND SN	PR! TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	009 54	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
					:						162	PRESSURE	<u>(E</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			5422-43N	MIN	LATITUDE	car Dyson
	た											RE PRI. TEMP.	CTD	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH _	START DOWN _	DATA ON _	TIMES	16516.5	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar	**on primary T/C**					JD/TIME	7w03may 13	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY)R VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (рн)	ly T/C**			DY1305	Tape/Diskette/DVD ID		1132-1	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	LEG
		0.511	1119	8/11	1//7	1116	1115	1114	1113	1112	1111	SEC-BACINITY						!	CTD		DATA LOCATION	666.	(%) (mb)	LB RELATIVE HUMIDITY PRESSURE	
	-	48										SAL. NO.			X 02 S/N 0904 (eec)]		:		File Name/Header		355	* * (deg)	SEA STATE VISIBILITY DE VISIBILITY	
	,	54										OXYGEN NO.	SAMPLE BOTTLE NUMBER			5.	MAX. DEPTH =				REMARKS	~ @	(kts) * * *	SPECIAL SPECIA	STATION DESIGNATION
		2358	287	283	2001	800	800					CHL (ml)	TLE NUMBER		Cleaned air bleed valve		PTH= 162				Ś	167	(m)	BOTTOM	GNATION
												APPROX. HATTER			d valve		3 8							STA. NAME/ID	

12	1	10	9	8	7 20	6 36	5 40	4 50	3	2 100	1 307		POS. TRIP DEPTH (m)	1	SEC TEMP SN 3+	SEC COND SN 4C	PRI TEMP SN 3+	PRI COND SN 4C	PRESS SN 9+	TYPE & SN	СТВ	0105420	DEG	CONSC CAST # LA	VESSEL NOAA R/V Oscar Dyson
^ ₇	œ,		2								157)	PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			0 . 3 C N	MIN	LATITUDE	yson
										:	į	PRI. TEMP.	CTD CC	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16525.89 W	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					IME -	W 03 May 13	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (pr)	T/C**			DY1305	Tape/Diskette/DVD ID		1331-11.	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	ĒG
			1129	1128	1/27	1126	1/25	1124	1/23	1/22	1/2/	SEC_SALINITY			02 S/N 0910 (pri)	Pan			CTD		DATA LOCATION	768	(%) (mb)	RELATIVE	
												SAL. NO.			X 02 S/N 0904 (acc)]				File Name/Header	2	© (3) (3)	* * (deg)	PRESSURE SEA STATE VISIBILITY DEFINITION R. D. T.	
												OXYGEN NO.	SAMPLE BOTTLE NUMBER			2	MAX. DEPTH =				REMARKS	<u>೪</u> 2	(kts) * * *	CLOUD (amt	STATION DESIGNATION
			00 00 00 00 00	287	200 300 300 300 300 300 300 300 300 300	28/	(V)	ر ارد ارد				CHL (ml)	TE NUMBER		Cleaned air bleed valve		PTH= 15				S) 58	(m)	ВОТТОМ DEPTH	IGNATION
												APPROX. FLUORO LEVEL			ed valve		/ m							STA. NAME/ID	

12	11 0	10 10	9 80	8 30	7 40	6 50	5 75	4 100	3 150	2 250	-1 Wort		POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	01154	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
	•											PRESSURE	<u> </u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			21.37 N	ME	LATITUDE	ar Dyson
												E PRI. TEMP.	CTD C	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16555.80	DEG MIN	LONGITUDE	
		i,										SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	WO3 May 13	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N	/T/C**			DY1305	Tape/Diskette/DVD ID		1635-2	HR MIN (°	DRY BULB TIME (AIR (GMT) TEMP)	EG
	1140	1139	11.38	1137	1136	1735	1134	1133	1132	// 3/	9//30	Mutriants SEC SALIMITY			X 02 S/N 0910 (pri)-	1					DATA LOCATION	062	(°C) (%) (Y BULB (AIR RELATIVE TEMP) HUMIDITY	
											360	Y SAL NO.			* X O2 S/N 0904 (ecc)				CTD	File Name/Header	ON	22 009	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY PROPERTY	
											60	OXYGEN NO.	SAMPLE BOTTLE NUMBER			de la companya de la	MAX. DEPTH =				REMARKS	16	(kts) * * *	SET TO SE	STATION DESIGNATION
	288	207	283	28/	85 00 (U)	95						CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH = 4/6 /				S	4621	(m)	BOTTOM DEPTH 1	GNATION
		*										APPROX. FLUORO LEVEL			valve		3							STA. NAME/ID	

VESSEL NOAA R/V Oscar Dyson		PROJECT & LEG	<u>:</u> G			STATION DESIGNATION	SNATION	į
CONSC LATITION		DATE ID=	DRY BULB	B RELATIVE PRESSURE	SEA STATE VISIBILITY DIR OF	CLOUD (amt) YPE WEATHER	BOTTOM	STA.
믒	DEG MIN	DAY MO YR	z	ন	* * (deg)	*	(m)	
28 22	02 26	W03May 13	1181513 -111.1			16	539	
CTD	TIMES JD/TIME	IME		DATA LOCATION	-	REMARKS	S	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	where the small of the $ \cdot ^{\frac{1}{2}}+1^{-\varepsilon} ^{\frac{1}{2}}$ where the small of the $ \cdot ^{\frac{1}{2}}$		
PRESS SN 9+ S/N 0772	START DOWN		DY1305	CTD				
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE				:	MAX. DEPTH =	TH= 538	3
SEC COND SN 4C S/N 3127]	**on primary T/C**	T/C**]			
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X	X O2 S/N 0910 (pri)	X O2 S/N 0904 (see)		Cleaned air bleed valve	d valve
	X ALTIMETER							
POS. TRIP DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES		(0)	SAMPLE BOTTLE NUMBER	E NUMBER	•
PRESSURE	URE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Mutriants SEC: SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 130+ 538				1141				
2 300				1142				
3 200				1143				
4 15%				1144				
5 100				1145				
6 50				1146			28/	
7 40				1147			8 0 3 0 3 3	
8 30				1148			261	
9 20				1149			283	
10 18				1150			287	
2				1151	#3		288	
12								

12	1	10 10	හ ව	8 نا	7 ¥0	о	5 100	4 57 0	ယ	2 300	1 FOV	PRES	POS. TRIP DEPTH (m)		SEC TEMP SN 3+ S/N 4379	SEC COND SN 4C S/N 3127	PRI TEMP SN 3+ S/N 2376	PRI COND SN 4C S/N 2985	PRESS SN 9+ S/N 0772	TYPE & SN	CTD	0135435.00	DEG MIN	CONSC LATITUDE	VESSEL NOAA RIV Oscar Dyson
												PRESSURE PRI. TEMP.	CTD CO	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	8 N 1 6 6 0 8 . 0 3 V	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FLU	**on primary T/C**				 	JD/TIME	3W03MA513	DAY MO YR	NATE JD=	PROJECT & LEG
												PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N	T/C**			DY1305	Tape/Diskette/DVD ID		000-1.9	HR MIN (°C)	ME DR	6
	いらと	1161	1160	1159	1158	157	1156	1155	1154	100	1152	SEC. SALINITY			0910 (pri)				CTD O13		DATA LOCATION	6624	(%) (mb)	RELATIVE PRESSURE	
	1)	361										SAL. NO.			X 02 S/N 0904 (aec)	J			<u>ن</u>	File Name/Header		009	(deg)		
		56										OXYGEN NO.	SAMPLE BOTTLE NUMBER				MAX. DEPTH =	Well	500	Les at	REMARKS	-	(kts) * *	SPOND TRUE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
	りゃん		7 % L	7.46	رو در	1.88						CHL (ml)	LE NUMBER		Cleaned air bleed valve			Weller Back of I	2000	HOM MON	ŝ	1 1	(E)	BOTTOM DEPTH	IGNATION
												APPROX. FLUORO LEVEL			ed valve		3	CONTRACTOR	The Const	1 Jayres				STA. NAME/ID	

12	1	ó	g	œ	7	6	+	۱	4	3	2 ව	رد		POS. DE	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0 - -		CONSC CAST#	VESSEL NOAA RA
	0	0	20	30	E O	J1 0	Ü	J (00	्रा 0	300 0	286	 	TRIP DEPTH (m)							Ž		ガエエ	DEG N	LAT	VESSEL NOAA R/V Oscar Dyson
													PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772				MIN	LATITUDE	yson
							+	+					ñ		X AL	×]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	6	DEG	10	1
													PRI. TEMP	9	ALTIMETER	X PAR S/N 4242		ACE	Ĭ	NWO	_		F	N N	LONGITUDE	150
						<u> </u>	-	1					.P	D CONVE		2						JD/TIME	% ¥ 0	DAY		-
													SEC. TEMP	CTD CONVERTED MONITOR VALUES		X WE] * 9n						BARS	Y MO	DATE JD=	PROJEC
													₽.	ONITOR \		TStar FLU	**on primary T/C**	,			긆		 သ	¥	<u> </u>	PROJECT & LEG DY1305
													PRI. SALINITY	ALUES		ORO S/N	C#			DY1305	ape/Disk		<u>က</u> က	HR MIN	TIME (GMT)	
							-						YTIN			868 X]			05	Tape/Diskette/DVD ID		1/1.7	(°C)	DRY BULB (AIR TEMP)	
	117		1	1170	1169	1168	11107		ا ۱۱ (م)	1 155	ナクニ	いるい	NUTS SEC. BALINITY			X WETStar FLUORO S/N 868 X O2 S/N 0910 (pH)					₽	DATA LO		(%)	는 R	
	G	<u>با</u>	_	Э	Ω			, [3	2	יט	-						_			CTD O 14	File Name/Header	LOCATION	6724	(mb)	PRESSURE	
													SAL. NO.			X O2 S/N 0904 (sec)	Ţ			H	ıe/Head		0	*	SEA STATE VISIBILITY □ ≤ □	-
		1.5					+	1						SA		N 0904 (4	J				4		००३।	(deg) (kts)	TRUE TR WIND WII DIR. SP	ST
													OXYGEN NO.	MPLE BC		96	2.	MAX.		-		REMARKS	I	*	SP TRUE DO TRUE CLOUD (amt TYPE	ATION DI
	ט	v v	ט	<u>-</u> پ	ען	بو	+	+	_					SAMPLE BOTTLE NUMBER		Cleane	J	MAX. DEPTH =				\RKS	2	* (m)	WEATHER BOTTOM DEPTH	STATION DESIGNATION
	285	786	283	186	283	181							CHL (ml)	MBEX		Cleaned air bleed valve		"					<u>م</u>]	оттом рертн	NON I
													APPROX. FLUORO LEVEL			d valve		3							STA. NAME/ID	

3 :	\exists	10	ิ บ	8	7 ك	o A	5	4	3 150	2 200	1 2/8		POS. TF DEP1		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	015	O.	CONSC	VESSEL NOAA R/V
	?	10	ນດ	30	HO N	ST O	力力	00	b	Ö	8	PRESSURE	TRIP DEPTH (m)		N 3+ S/N 4379	N 4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			5445.00	DEG MIN	LATITUDE	VESSEL NOAA RN Oscar Dyson
												JRE PRI. TEMP.	CTD CC	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	2 - 6 6 0 0 . FUV	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	UWO 43 PU 13	DAY MO YR	DATE JD=	PROJECT & LEG
			*									PRI. SALINITY	VALUES	i	X WETStar FLUORO S/N 868 X O2 S/N 0910 (APR)	T/C**			DY1305	Tape/Diskette/DVD ID		0241-1.5	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	G
- 0	11811	1183	1182	1/8/	1/80	1179	1178	FEI	9511	1175	TELL	NUT 5							CTDOIS		DATA LOCATION	6 8 2 2	(%) (mb)	RELATIVE PRESSURE	
	_					_					0 6 2	SAL. NO.			X O2 S/N 0904 (566)	j			SIS	File Name/Header		O F O	*	SEA STATE VISIBILITY DIR. DIR.	
											JI 00°	OXYGEN NO.	SAMPLE BOTTLE NUMBER			87.	MAX. DEPTH =	NORT	W NIS	Zo	REMARK	00	(kts) * * *	S NO TRUE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
980	200.	28 द	≥ ∞ ∴	ア	79 19	781						CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH =	NORTH SIDE -	WIMPE DRY	30NG0	REMARKS PAP CAT NOT AS SOUTH	<u>()</u> හ	(m)	BOTTOM DEPTH	IGNATION
												APPROX. FLUORO LEVEL			3d valve		3	3<-(4)	V		AN NOT			STA. NAME/ID	;

12	11	10	9 0	о Э	7 り	6	5 <i>I</i>	4 八 〇	د لا الر	2 100	1 159		POS. TRIP DEPTH (m)	1	SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN	PRI COND SN 4	PRESS SN S	TYPE & SN	CTD	0 - 6 57 # -	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
												PRESSURE	<u> </u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			上8.77.N	Miz	LATITUDE	r Dyson
												E PRI. TEMP.	CTD C	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	6581.62	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	W 0 4 1 1 3	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (eri)	, T/C**			DY1305	Tape/Diskette/DVD ID		0420-1.5	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	EG
			1193	1192	1191	1190	1199	1188	F811	1186	185	NUT J							CTDO		DATA LOCATION	6 6 9 2	(%) (mb)	RELATIVE HUMIDITY PRESSURE	
					:							SAL. NO.			X O2 S/N 0904 (aee)	J	i		6	File Name/Header		000	* * (deg)		-
												OXYGEN NO.	SAMPLE BOTTLE NUMBER		4 (986)	1	MAX. D	Ø	000	Sec	REMARKS	6	(kts) * * *	SENTE DESCRIPTION (AMI) CLOUD (AMI) TYPE WEATHER	STATION DESIGNATION
			20 20 20 20 20 20 20 20 20 20 20 20 20 2	70 H	८४६	200	283	186				CHL (ml)	TLE NUMBER		Cleaned air bleed valve	•	MAX. DEPTH =	8	10 NO 3	0000		6	(<u>3</u>)	BOTTOM DEPTH	SIGNATION
												APPROX. FLUORO LEVEL	<u>.</u>		ed valve	-	3		3	State Comp				STA. NAME/ID	

				-									12
										8	į.		1
	.i												10
	シガダ	• গ	363	بر در	ノッフェ							0	9
	なない				104							-	œ
	ر بر بر				200							2)	7
	186				1199							3	6
	んかの				1195						<u> </u> 	エロ	5
	シチー				4-611		:					ران ال	4
					1196							11 51	ω
					1105							100	2
					194			V	SAKE			137	
APPROX. FLUORO LEVEL	CHL (ml)	OXYGEN NO.	SAL. NO.		NUT S		PRI. SALINITY	SEC. TEMP.	PRI. TEMP.	PRESSURE	ס		
							i		(1		<u>(E</u>	묘	9
	F NUMBER	SAMPI E ROTTI E NUMBER				,	VALUES	CTD CONVERTED MONITOR VALUES	CTD CO			TRIP	500
									AI TIMETER	×			
ed valve	Cleaned air bleed valve		X O2 S/N 0904 (ece)	2.5	S/N 0910 (pi	868 X 02	LUORO S/N	X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri)	PAR S/N 4242	×	3+ S/N 4379	SEC TEMP SN	SEC T
]]	y T/C**	**on primary T/C**	•	3127	4C S/N 3127	SEC COND SN	SEC C
3	PTH=	MAX. DEPTH =							AT SURFACE		3+ S/N 2376	PRI TEMP SN	PRI T
									AT DEPTH		4C S/N 2985	PRI COND SN	PRI C
				CIDDIA		05	DY1305		START DOWN		9+ S/N 0772	PRESS SN	PRES
			eader	File Name/Header		Tape/Diskette/DVD ID	Tape/Disk		NON	DATA ON		TYPE & SN	TYPE
	S	REMARKS		ŌN	DATA LOCATION	D		ME	S JD/TIME	TIMES			CTD
	ーキン	$\bar{\omega}$	0 0	エ	66	- - - -	0610	OW 0 HMAY 13	40.3	2 N 1 6 5	5 4 5 2 •	7	0_
-	(E)	(kts) * * *	(deg)	(mb) * *	(%)	(00)	HR MIN	DAY MO YR	S MIN	DEG	$\overline{}$	DEG	
STA. NAME/ID	BOTTOM DEPTH	SP NO TRUE CLOUD (amt) TYPE WEATHER	TRUE WIND DIR.	PRESSURE SEA STATE VISIBILITY	RELATIVE HUMIDITY	DRY BULB (AIR TEMP)	TIME (GMT)	DATE JD=	LONGITUDE	Om .	LATITUDE	# C	CONSC CAST#
	GNATION	STATION DESIGNATION		-			EG	PROJECT & LEG		3	VESSEL NOAA RIV Oscar Dyson	SEL A R/V Os	VESSEL

NOAA R/V Oscar Dyson		PROJECT & LEG	.EG			STATION DESIGNATION	SIGNATION	
					TATE LITY	(amt)		
CAST # LATITUDE	LONGITUDE	DATE JD=	TIME ORY	(AIR RELATIVE	RESS SEA ST VISIBII	NO TRUE LOUD YPE ÆATHE	воттом	STA.
DEG MIN	DEG MIN	DAY MO YR	2	(%)	* 3	(PD)	DEPTH	NAME/ID
0185426.16N	16528.69W	19	₩ ₩	1 70.0	2 4 3 4 8 S	رار والارا		
СТВ	TIMES JD/TIME	IME		DATA LOCATION	ŀ	DEMARKS	6	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header			
PRESS SN 9+ S/N 0772	START DOWN		DY1305					
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE					2	S	
SEC COND SN 4C S/N 3127		**on primary T/C**	T/C**			שאא. טברות מ	R	l'a
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FL	.UORO S/N 868	X WETStar FLUORO S/N 868 X O2 S/N 0910 (en)	X 02 S/N 0904 (acc)	_	Cleaned air bleed valve	d valve
POS TRIP	ALTIMETER							
DE	CIDCO	CID CONVERIED MONITOR VALUES	VALUES			SAMPLE BOTTLE NUMBER	LE NUMBER	
PRESSURE	PRI. TEMP.	SEC. TEMP	PRI SAI INITY	Nuts	-+			APPROX.
1 30+ 22	-		PAL SALINITY	SEG-SALINITY	SAL NO.	OXYGEN NO.	CHL (ml)	LEVEL
2 100				1200				
3 1 5				1204				
4 0			20	1205				
5 40				906			186	
6 30				1001	-		283	
7 90				120%			186	
8				201			283	
9				0/8/			387	
10				1211			388	
11				 	+			
				~				ļ

VESSEL NOAA RIV Oscar Dyson CONSC CAST # LATITUDE	PROJEC DY1305	DY1305 TIME (AIR RELATIVE	RESSURE EA STATE VISIBILITY	STATION DESIGNATION TRUE DU (amt) PE EATHER BOTTOM
DEG MIN	MIN	YR HR MIN (°C)		(deg)
0 - 1 0 1 0 7 · 3 N	- + 20 WO 4 Ma	711309 32-2-370-0	-	24 006
	TIMES JD/TIME	DATA LOCATION		NTION
TYPE & SN	DATA ON	Tape/Diskette/DVD ID F	≕ :	File Name/Header
PRESS SN 9+ S/N 0772	START DOWN	DY1305		CTD
PRI COND SN 4C S/N 2985	AT DEPTH		J	
PRI TEMP SN 3+ S/N 2376	AT SURFACE		1	
SEC COND SN 4C S/N 3127	"**on	**on primary T/C**		
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242 X WET	O S/N 868 X O2 S/N	20 20 20 20 20 20 20 20 20 20 20 20 20 2	10910 (art) X O2 S/N 0904
POS TOID	XALTIMETER			
- DE	CID CONVERTED MONITOR VALUES	NITOR VALUES		SAMPLE BOTTLE NUMBER
PRESSURE	PRI. TEMP. SEC. TEMP	PRI. SALINITY	20	
1		2	ડ	+
70			۱ ا	
4 0		1214		
5 40		100		
6 30				
7 20		-	1 12	
8) LE	
©		18	, /c	1
10		120	80	20
11				
12				 - -

8 O /228 /228	122	0			7 10	0 20		5 30	4 40		2		1 BOH PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY -SEC. SALINITY	DE	POS. TRIP ALTIMETER	PAR S/N 4242 X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri)	SEC COND SN 4C S/N 3127 ***on primary T/C***	PRI TEMP SN 3+ S/N 2376 AT SURFACE	PRI COND SN 4C S/N 2985 AT DEPTH	PRESS SN 9+ S/N 0772 START DOWN DY1305 CTD	TYPE & SN DATA ON Tape/Diskette/DVD ID File Name	CTD TIMES JD/TIME DATA LOCATION	May 13/044-2.570.	DAY MO YR HR MIN (°C) (%) (mh)	LATITUDE LONGITUDE DATE JD= (GMT) TEMP) HIMIDITY &	NOAA RIV Oscar Dyson PROJECT & LEG DY1305	
1 2001	8 0 0 X		1226	1226	1225	1225		RRC		と と へ	1222	122	X/utr			S/N 868 X O2 S/N 0910 (AH) X O2 S/N 0904 (acc)					Diskette/DVD ID File Name/Header	LOCATION	4-2.570.	N (°C) (%) (mh) * *	DRY BULB (AIR RELATIVE PRESSURE SEA STATE VISIBILITY		
288	188		20.7	3×.ブ	2003	77	20	2%3	X	2			APPROX. OXYGEN NO. CHL (ml) LEVEL	SAMPLE BOTTLE NUMBER	-	04 (ecc) Cleaned air bleed valve	-	MAX DEPTH = / 2 3	741	2 PU	2	REMARKS	- 1	SPD. OF W DEPTH	LOUD (amt) YPE	STATION DESIGNATION	

NOAA R/V Oscar Dyson		DY1305	 -	_) DESIGNATION	GNATION
CONSC LATITUDE	LONGITUDE	DATE:		ULB RELATIVE	RESSURE SEA STATE VISIBILITY	NO (amt) OUD (amt) PE EATHER	
DEG	DEG MIN	DAY MO YR	(GMT) TEMP)	HUMIDITY	* SI	SPD.	DEPTH NAME/ID
0215456.12N	16459.63W	04 1204	-		33 (36)	(NIS)	© 0 ∪
СТВ	TIMES JD/TIME	IME		DATA LOCATION		REMARKS	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	3	
PRESS SN 9+ S/N 0772	START DOWN		DY1305		CTD	1- 5 2 2 3	/
PRI COND SN 4C S/N 2985	AT DEPTH					190	8
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAY DE	
SEC COND SN 4C S/N 3127		**on primary T/C**	, T/C***	ļ		יייטיי. טבר וח –	0
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X O2 S/N 0910 (ph)	02 S/N 0910 (911)	X 02 S/N 0904 (acc)	7	Cleaned air bleed valve
POS TOID	XALTIMETER					1	
ᇛ	CID CO	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE NUMBER	E NUMBER
PRESSURE	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Mutriants			
1,0-7				1220	JAL NO.	OXYGEN NO.	CHL (ml)
+-							
Z (0 0			ı	1			کے ج
+				1232			78.7 78.7
\dashv							28/
				13836/	-		28 3
0				-			1 10 10 10 10 10 10 10 10 10 10 10 10 10
9				1236	3/25	52	01
10					+	 -	
13					 	-	
13		 -					-

VESSEL NOAA RIV Oscar Dyson CONSC CAST # LATITUDE DEG MIN		PROJEC DY1305 ATE JD=	TIME GMT)	ULB RELATIVE PHUMIDITY	* SEA STATE * VISIBILITY	1		WIND CLOUD (amt)
DEG MIN	DEG MIN	171	MZ		(%) (((mb) P	(mb) * * (deg) (kts) *	(mb) * * (deg) (kts) * * *
	1071	H W OH May 13	1 4 2 2 - 2	072			3	20 L
	JD/TIMES	<u></u>		DATA		A LOCATION	LOCATION	
	DATA ON		Tape/Diskette/DVD ID	9	File	File Name/Header	File Name/Header	File Name/Header
PRESS SN 9+ S/N 0772	START DOWN		DY1305		O	СТВ	CTD	CTD
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE			- 1			MAX D	MAX DEDTH - 6
SEC COND SN 4C S/N 3127		**on primary T/C**	T/C**	ĺ			TRICKS. U	6
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X O2 S/N 0910 (pr)	Ä	2 S/N 0910 (pri)		2 S/N 0910 (PH) X 02 S/N 0904 (OCC)	
POS TRIB	X ALTIMETER					į	Ī	ſ
	CIDCON	CID CONVERTED MONITOR VALUES	VALUES				SAMPLE BOT	SAMPLE BOTTLE NUMBER
1	URE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	5 %	Nutriants	EC-SALINITY SAL NO.	₹ -	SAL NO.
2 50					750	7	7	1. 1.
3 40				2	S S	0,00		2 C
α (ς) e	 		79	Jo.	1240	040	040	240
\dashv				0				
7 0				R				
8					1245			
9				7				
100				l				
12	_							

i	12	11	10	9	8	7		0)		3	2	1 Bot	DE.	POS TRIP	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	02354	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
		_											PRESSURE	<u></u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			12 . 9 6 N	LATITUDE	car Dyson
													PRI. TEMP.		X ALTIMETER	X PAR S/N 4242	1	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	47.45	LONGITUDE MIN	į.
			-										SEC. TEMP.	CID CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					IME	May	DATE JD=	PROJECT & LEG
				1					4				PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X 02 S/N	T/C**			DY1305	Tape/Diskette/DVD ID	i	57-2	TIME (AIR (GMT) TEMP)	.EG
								1248	イケの	1246	1245		SEC. SALINITY			0910 (91)		ļ		CTD		DATA LOCATION	72 (%)	RELATIVE PRESSURE	
					 -	 -		ω		ļ		6	NO.	ဖွ	i	X 02 S/N 0904 (ecc)					File Name/Header		O Geg	1 0 111	
					 - -	 -	¢	20					OXYGEN NO.	SAMPLE BOTTLE NUMBER	ſ		::: ::::::::::::::::::::::::::::::::::	MAX DEPTH =				REMARKS	(Rts)	SP NO TRUE CLOUD (am TYPE WEATHER	STATION DESIGNATION
													CHL (ml)	E NUMBER		Cleaned air bleed valve	-	PTH= 42			Average and the second		€ (E)	BOTTOM DEPTH	GNATION
													APPROX. FLUORO LEVEL			d valve	Ξ				4	- - -		STA. NAME/ID	

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				R		0	O	C	0		PRESSURE	DEPTH (m)	Ί.	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			2640 01 N		LATITUDE	VESSEL NOAA RIV Oscar Dyson
Will be a second											PRI. TEMP.	ств со	X PAR S/N 4242 X ALTIMETER		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16352 05W	DEG MIN	LONGITUDE	х
·											SEC. TEMP.	CTD CONVERTED MONITOR VALUES	X WETStar FLUORG	***>>>>		;			IME	V 05/May 1 3	DAY MO YR	DATE JD=	PROJECT & LEG
								Š			PRI. SALINITY	VALUES	X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri)	104			DY1305	Tape/Diskette/DVD ID		0758-2.	HR MIN (°C)	TIME (AIR (AIR	EG
				250	1254				1250	1249					!				DATA LOCATION		(%) (n	RELATIVE RESSURE	
											SAL. NO.		X 02 S/N 0904 (ecc)					File Name/Header		81	* 8	SEA STATE VISIBILITY	
									8	-4	OXYGEN NO.	SAMPLE BOTTLE NUMBER		MAX. DEPTH =		> (50		REMARKS	40	* T	NO MEDICAL COURT (AME)	STATION DESIGNATION
				288	287	183	200	283	281		CHL (ml)	TLE NUMBER	Cleaned air bleed valve	1	3	2 1	27 10	1		34	DEPTH		SIGNATION
											APPROX. FLUORO LEVEL		rd valve	3	7	A CO	0		-		NAME/ID	STA.	

NOAA RIV Oscar Dyson		PROJECT & LEG			URE FATE LITY	1 51	SIGNATION A
75	LONGITUDE	DATE JD=	TIME (A	DRY BULB (AIR RELATIVE TEMP) HUMIDITY	PRESSUR SEA STA VISIBILIT DIR DIR	CLOUD (a	BOTTOM
DEG MIN	767	DAY MO YR		(%)	*	* T	(m)
0255656 - SAN	16349.81W	VOS May 13	1014-3		Co)	$\overline{}$	7
CTD	TIMES JD/TIME	IME C		۲ <u>۸</u>		Ţ	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	0	000
PRESS SN 9+ S/N 0772	START DOWN	ı	DY1305		CTD		0
PRI COND SN 4C S/N 2985	AT DEPTH				1	1200	10.00
PRI TEMP SN 3+ S/N 2376	AT SURFACE					2	,
SEC COND SN 4C S/N 3127		**on primary T/C**	7/C**			MAX. DEPIH=	E HI = 6.3
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X O2 S/N	X 02 S/N 0910 (84)	X 02 S/N 0904	7	
DOG TBIB	X ALTIMETER			L		Г	Cleared all bleed valve
DE	CIDCO	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE NUMBER	E NUMBER
PRESSURE	PRI. TEMP.	SEC. TEMP	DDI CALINITY	Mutrets	<u> </u>		
1 007 6.3	-	OLO. ILMIT.	TRI. SALINITY	SEC-BACINIT	Y SAL. NO.	OXYGEN NO.	CHL (ml)
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NOAA RIV Oscar Dyson		PROJECT & LEG	EG		SI	STATION DESIGNATION
CONSC			ᄝ		STATE IBILITY	JD (amt) THER
Ìς	LONGITUDE	DATE JD=	(GMT) TEMP)	RELATIVE	VISI VISI VIND	YPE WEAT BOTTOM
DEG MIN	DEG MIN	DAY MO YR	뮈	(%)	* * (den)	<u> </u>
026 5701.11	N/6412-61	W05Ma413	U)	>	0 7 6	
CTD	TIMES JD/	JD/TIME	ĺ	DATA LOCATION		_
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	KEMAKAS
PRESS SN 9+ S/N 0772	START DOWN		DY1305			
PRI COND SN 4C S/N 2985	AT DEPTH	ì				
PRI TEMP SN 3+ S/N 2376	AT SURFACE					100 P
SEC COND SN 4C S/N 3127	I	**on primary T/C**	T/C***			שויא. עבד וח יי
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X O2 S/N	02 S/N 0910 (94)	X 02 S/N 0904	7
1	X ALTIMETER	i	[÷		With the second
DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES		SAN	SAMPLE BOTTLE NUMBER
PRESSURE	JRE PRI. TEMP.	SEC. TEMP	DDI SAINITY	-		
1 Box 67		OF CO.	TRI. OALINITY	10/ 2	SAL. NO. OX	OXYGEN NO. CHL (ml)
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3 40				12001		- - - R
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NOAA RIV Oscar Dyson		DY1305	_			STATION DESIGNATION	NATION
CONSC CAST # LATITUDE	LONGITUDE	DATE ID	TIME DRY BULB	R RELATIVE	O III	EATHER	ВОТТОМ
DEG MIN	LONGITUDE DEG MIN	DAY MO YR	<u> </u>	YTIQIMUH	* SE * VI	WE/	DEPTH
0127565p.114N	16402.57W	05 may	22	22.0	22 TU SU	(KIS)	E <u>U</u>
CTD	TIMES JD/	JD/TIME		DATA LOCATION	ļ-	REMARKS	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header		9
PRESS SN 9+ S/N 0772	START DOWN		DY1305		CTD	L	1 / (C) / C)
PRI COND SN 4C S/N 2985	AT DEPTH					71.	
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAY DEBT	
SEC COND SN 4C S/N 3127		**on primary T/C**	/ T/C**			ייייטאי טבר וון -	1
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4242	X WETStar FI	X WETStar FLUORO S/N 868 X O2 S/N	O2 S/N 0910 (pm)	X 02 S/N 0904 (ecc)		Cleaned air bleed valve
POS. TRIP	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES		20	AMPI E ROTTI E	MODE
DEPTH (m)			Î		ď	SAMPLE BOTTLE NUMBER	NUMBER
PRESSURE	PRI. TEMP.	7300	HAF NUTS	SEC SALINITY	2		
1 77.4			SER	OFO. OALINI I	SAL NO.	OXYGEN NO.	CHL (ml)
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+		1272			1	•	300
+		1273			+		
╀						• •	181
╀					+		20.5
9 33							28
500		1274			+	•	183
12 80		1		9	+		78.7
		2 45				•	701

X O2 S/N 0904 (acc) SAL. NO. OXYGE	CONSC CAST # LATITUDE DEG MIN N N N N N N N N N	LONGITUDE DEG MIN	PROJECT & LEG DY1305 DATE JD= DAY MO YR HF DAY MO YR HF JD/TIME	TIME DRYE	RELATIVE HUMIDITY (%)	PRESSURE * SEA STATE * VISIBILITY O Geg) O DIR. DIR. DIR. DIR. DIR. DIR. DIR. DIR.	STATION DESIGNATION TRUE DOUD WIND OUD WIND OUD TRUE BOTTON SPD. CLOUD WIND DEPTH WEATHER TRUE MARKS
ACSIN 3127 3+ SIN 4379 X PAR SIN 4242 X WETStar FLUORO SIN 868 X O2 SIN 0910 (APR) X ALTIMETER CTD CONVERTED MONITOR VALUES PRESSURE PRI TEMP. 1272	9+ S/N 0772 4C S/N 2985 3+ S/N 2376	START DOWN AT DEPTH AT SURFACE		DY1305	''	TD	MAX. D
PRESSURE PRI TEMP. SEC. TEMP. PRI SALINITY SEC. SALINITY SAL. NO.	·	X PAR S/N 4242 X ALTIMETER	**on primar X WETStar F	y T/C***	02 S/N 0910 (9H)		A BOOK
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SAL. NO. OXYGEN NO. 1276 1276 1277	EPTH (m)	ств сс	ONVERTED MONITOR	R VALUES			SAMPLE BOT
1276	<u>نما</u>		SEC. TEMP	• []	SEC.	SAL NO.	OXYGEN NO.
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20 1272 · · · · · · · · · · · · · · · · · ·	\dashv						
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				-								PRESSURE		×	3+ S/N 4379 X	4C S/N 3127	3+ S/N 2376 AT S	4C S/N 2985 AT D	9+ S/N 0772 STA	DAT	TIMES	11NO11-659	LATITUDE DEG	Dyson
				500								PRI. TEMP		X ALTIMETER	PAR S/N 4242	•	AT SURFACE	AT DEPTH	START DOWN	DATA ON		103.00	LONGITUDE	
				9								SEC. TEMP.	CID CONVERTED MONITOR VALUES		X WETStar F	**on primary T/C**					JD/TIME	3	DATE JD=13	PROJECT & LEG DY1305
									9	9	0 *4	PRI. SALINITY	R VALUES		X WETStar FLUORO S/N 868 X O2 S/N	ry T/C**			DY1305	Tape/Diskette/DVD ID		0014-0	TIME DRY BULB (AIR (GMT) TEMP)	LEG
						*	*	*	b	a	٥	SEC. SALINITY		,	02 S/N 0910 (pri)						DATA LOCATION	\$ 11 (3)	RELATIVE HUMIDITY	
	-	598		 			 	+	1		+	SAL. NO.	Ø	1	X 02 S/N 0904 (acc)			\$	CTD DA9	File Name/Header	Z	(mb) (deg)	* SEA STATE * VISIBILITY PROBLEM	
_							 -	0<	2 /2		1	OXYGEN NO.	SAMPLE BOTTLE NUMBER	Г	7		MAY DEBTU	1000 M	2000		REMARKS	O (Kis)	CLOUD (amt)	STATION DESIGNATION
							-				-	APPROX. FLUORO CHL (ml) LEVEL	NUMBER		Cleaned air bleed valve	3		19 1 5 8 C E HP	- 7	Ĺ	(בּ ני	BOTTOM STA. DEPTH NAME/ID	N DESIGNATION

	12	=	10	9	8	7	o	, 0	4	ω	2	-			P)	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0	CAS	CONSC	NOA
					0	0	0	5	2	T _o	1350	20		DEPTH (m)	- Oldt					_			ग	DEG		NOAA RIV Oscar Dyson
					Ш		2	Ś	かり			C 20	PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376 /	4C S/N 2985	1_			IJ • ∂	MIN		ar Dyson
													PRI. TEMP.	CIDCO	X ALTIMETER	X PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16403.100W	LONGITUDE MIN		
													SEC. TEMP.	CID CONVERTED MONITOR VALUES		X WETStar FI	**on primary T/C**					IME	<u>چ</u> ع	DAY MO YR	•	DY1305
<u>8</u> 4						**	404		٥			•	PRI. SALINITY	? VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (944)	y T/C***			DY1305	Tape/Diskette/DVD ID		00 4 6	Z	TIME DRY BULB	
					*	*	*						SEC SAI INITY		' '	02 S/N 0910 (pm)				CT		DATA LOCATION	17 J	ALIGIMOH	REI ATIVE	
			† 					 			+	OAL: NO.		S	I	X 02 S/N 0904 (acc)				CTDO 30	File Name/Header	Z	(F)	* SE VII	A STATE SIBILITY	
			, s	*******		<u>/</u>						OXYGEN NO.		SAMPLE BOTTLE NUMBER	Г			MAX DEPTH =				REMARKS	0 2	* TYP	ATHER	10E3IG
	-					2	7 5) E 2 1 ()		200	ر الأوار الأوار	<u>3</u> -		NUMBER		Cleaned air bleed valva		I						I		NATION ア
												LEVEL	APPROX. FLUORO			e e e e e e e e e e e e e e e e e e e	=	3				-		NAME/ID		

LONGITU DEG M DEG M TIMES TIMES TIMES TIMES PAT SURFACE PRI. TE SSURE PRI. TE	VESSEL
LONGITUDEG MINES TIMES DATA ON START DOWN AT DEPTH AT SURFACE PAR S/N 4 X ALTIMETE PRI. TE	-
	
TIME TIME TIME TIME GMT) NO YR HR MI GMT) JD/TIME Tape/Di DY CTD CONVERTED MONITOR VALUES CTD CONVERTED MONITOR VALUES TAPE/Di DY PRI. SA	PROJECT & LEG
TIME (AIR RE (AIR HR) HU) MO YR HR MIN (°C) MO YR HR MIN (°C) TEMP) HU DATA Tape/Diskette/DVD ID DY1305 TED MONITOR VALUES TED MONITOR VALUES TED MONITOR VALUES	LEG
* SEA STATE * VISIBILITY * OZ S/N 090 * SEA STATE * VISIBILITY * DIR. NO. * DIR. NO. * DIR. NO. * DIR. NO. * SEA STATE * VISIBILITY * DIR. NO. *	
WEATHER	STATION DESIGNATION
REMARKS REMARKS REMARKS REMARKS CLHUMBER Cleaned air bleed valve APPI FLUX APPI FLUX APPI FLUX APPI FLUX LEV APPI FLUX APPI FL	NOITANA
STA. NAME/ID NAME/ID APPROX. FLUORO LEVEL LEVEL	

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0	0	8	133	3	20	0	J.	3	וע	40	25	Bot	DEPTH (m)	1000						SN		575	DEG		NOAA R/V Oscar Dyson
												PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			- 60 N	ME	LATITUDE	Dyson
H				_		_		+	1	+	+	m		X AL	PA		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	168	DEG		+-
												PRI. TEMP.	CIDCO	ALTIMETER	PAR S/N 4242		ACE	≖ 	NAOC		/JD/	52.73V	MIN	LONGITUDE	
		.										SEC. TEMP.	CID CONVERTED MONITOR VALUES		×	, *** O					JD/TIME	wo6ma	DAY MO	DATE JD=	DY1305
+	1	+	+	+	+			-	-	-	+	MP.	ONITORV		X WETStar FLUORO S/N 868 X O2 S/N	"on primary T/C"		7 10			/	7 1 3	到	JD:	DY1305
												PRI. SALINITY	ALUES		IORO S/N	Г/С***			DY1305	Tape/Diskette/DVD ID		1854	HR MIN	(GMT)	
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2												OXYGEN NO.	AMPLE	1000)	13		S	- 6	-	4	_	06	Kdg. * C	3 ₹ R S E LOUD (amt)	212
+	-	-	-	-	-	-	4			4	_	NO.	ВОТП	Ç	Ĺ	100	MAX DEBTH =	120 - 120		25	REMARKS		<u>.</u> *[T	YPE ÆATHER	1 0
787	787	281	283	28	285	73	420	45.7	282	X 278		CHL (ml)	SAMPLE BOTTLE NUMBER	Creaned air bleed valve		. 60	4	8	3	2		7	P I	воттом	OF DEGIGNATION
									-		_	FLUORO LEVEL		9d valve	•	111	-	Mall Bull	16		-		NAME/ID	STA	32

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C	T		1		K	0	0	0.	8	40	8	Sati	*6	DEPTH (m)	Į R					100	200			0 4		SC #		RV Osc	1
													PRESSURE	<u></u>	_		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			0 N		LATITUDE		NOAA RIV Oscar Dyson	
	-		_	-	+	<u> </u>				_			⋒ —	-		×			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES		75		_		1
													PRI TEMP		CTD CO	ALTIMETER	PAR S/N 4242		FACE	∄ 	DOWN	ž 	JD/I	5 5 5	$\perp \Gamma$	LONGITUDE	ĺ		
												CEO. I FINIT.	SEC TEMP		CTD CONVERTED MONITOR VALUES	[X WETS	**on prir					JD/TIME	TWOTEN TO	UAY MO	ATE JD:		PROJECT & LEG	
		1			-				-			FRI. SALINITY			OR VALUES		X WETStar FLUORO S/N 868 X D2 S/N	**on primary T/C**			DY1305	Tape/Diskette/DVD ID		3 00 51	YR HR MIN	TIME (GMT)		「&LEG	
	+	+	$\frac{1}{1}$	-		+	$\frac{1}{1}$	+	+	+	-	+		:			₹ ₹				ch	tte/DVD		0.5	ြင့	DRY BULB (AIR TEMP)	}	\dashv	
				;								SEC. SALINITY				E 0.14 00 10 tou	2 S/NI 0010 /24) 	•		DATA LOCATION	0	(%)	B RELATIVE HUMIDITY			
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				(/ 1		OXYGEN NO.		SAMPLE BOT		A (ecc)	7	INCAY. E					REMARKS		_*	SPO TRUE CLOUD (am	it)	STATION D	
	1 4	-	11	9.00	700	200 W	الا الا الا	ただと	200	45170	9	CHL (ml)		SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		WAY, DEFINE						الد (ن		WEATHER BOTTOM DEPTH		STATION DESIGNATION	
						182 28	785,287					LEVEL	APPROX			ed valve	u 1604	3								STA.			

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					þ	Ć	7 (フ	ار ا	F o	ม ว	ون	DEPTH (m)	700						NS		1575	DEG	<u> </u>	NOAA R/V Oscar Dyson
												PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			2 1 1 1 1	MZ	LATITUDE	Dyson
+							+	+	+					X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	16918	DEG		
												PRI. TEMP.	000	TER	N 4242		111		<i>z</i> 		JD/TIME	3 - 9 WO	MIN	ONG	
												SEC. TEMP.	CID CONVERTED MONITOR VALUES		X WE	10 _{**}				<u>.</u>	ME	NA W 10	DAY MC	7	DY1305
	+	+	$\frac{1}{1}$	$\frac{1}{1}$			-	+	+	+	-	_	ONITOR VA		TStar FLUC	**on primary T/C**				Та		y 1 3 0 3	Y MO YR H		DY1305
												PRI. SALINITY	LUES		X WETStar FLUORO S/N 868 X O2 S/N	# 2			DY1305	Tape/Diskette/DVD ID		310-	HR MIN		
+	+	+	+	1		<u> </u>	53		122	1		 		[X 02 S/N	į				MDVD ID	DATA	<u>೦</u>	(°C) H	<u></u> b	-
				7	3	100	1291	1295	400	293	1242	SEC. BALINITY		4	0910				CI	File Z	A LOCATION	(J)	31	RELATIVE	
		†	1	1								SAL NO.			X 02 S/				CTD O NA	File Name/Header	N.		* S	RESSURE EA STATE /ISIBILITY	
	-	-	-	+	+			_	_	-	لد	+-	SAMP		X 02 S/N 0904				1	<u>o</u>		-		TRUE TRUE OUD (amt)	O A
			-	•			*	-	-			OXYGEN NO.	SAMPLE BOTTLE NUMBER	Г	7	ייון טיי	MAY DEDTH -		246	\ _i	REMARKS		* ITY	OUD (amt) PE ATHER	STATION DESIGNATION
				288	28-1		70	180	ر الا الا	185		CHL (ml)	NUMBER	Cleding all Dieed A91A9								60	DEPTH	ВОТТОМ	GNATION
												APPROX. FLUORO LEVEL		9VIBY DE		3			NW Como		-		NAME/ID	STA.	

VESSEL NOAA RIV Oscar Dyson	yson		PROJECT & LEG	EG		TE	1 51	GNATION
CONSC LAT	TTUBE	LONGITUDE	DATE JD=	TIME (AIR (GMT) TEMP)		PRESSURE SEA STATE VISIBILITY DI NO TRUE	SP ST TO THE PROPERTY OF THE P	BOTTOM
	LATITUDE	LONGITUDE	DATE JD=\אָק	(GMT) TEMP)	-	SI	TY	DEPTH
DEG N	MZ	DEG MIN	DAY MO YR	HR MIN (°C)	(%)	(mb) * * (deg)	(kts) * * *	(m)
0 5 5 5 6 0	لز) م رن س	16844.021	2W07 325 13	0538-0.	9	20 17507	1	7
CTD		TIMES JD/	JD/TIME		DATA LOCATION	Ō	REMARKS	S
TYPE & SN		DATA ON		Tape/Diskette/DVD ID		File Name/Header	25V	NE conse of
PRESS SN 9+ S	9+ S/N 0772	START DOWN	i	DY1305		CIDOSS	8 ar	X @ 500
PRI COND SN 4C	4C S/N 2985	AT DEPTH						
PRI TEMP SN 3+ S	3+ S/N 2376	AT SURFACE					MAX. DEPTH =	PTH =
SEC COND SN 4C S	4C S/N 3127	I	**on primary T/C**	/ T/C***	X	_	:-]	
SEC TEMP SN 3+ S	3+ S/N 4379	PAR S/N 4242	X WETStar FI	X WETStar FLUORO S/N 868 X O2 S/N	X O2 S/N 0910 (pri)	*) X 02 S/N 0904 (eec)		Cleaned air bleed valve
		X ALTIMETER						
POS. TRIP DEPTH (m)		CTD CO	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE NUMBER	LE NUMBER
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	NUTS NUTS	FY SAL NO.	OXYGEN NO.	CHL (ml)
1 63					1299	ST2		
2 50					1200	,) 2 2 2
3 I					1301	_		28°3
4 () ()					C061			38
5 VO					עסע			رر پر
6			,		1304			
7					していて			388
8								
9								
10								
11					,			
3								

12	11	10	9	8	7	6	5 90	4 30	I C	+	n Q	3	On 7 1 (3)	700.	1	SEC TEMP SN 3+	SEC COND SN 40	PRI TEMP SN 3+	. –	PRESS SN 9+			5 57	DEG	1_	NOAA RIV Oscar Dyson
											166	PRESSURE				3+ S/N 4379	4C S/N 3127	3+ S/N 2376 AT	4C S/N 2985 AT	L			49.98N	MZ	LATITUDE	Dyson
												PRI. TEMP.		CTD CON	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	828.0	DEG MIN	LONGITUDE	
												SEC. TEMP.		CTD CONVERTED MONITOR VALUES		X WETStar FL	***on primary T/C***					ME	4 WOAMAY 1 3	DAY MO YR	DATE JD=\X	PROJECT & LEG
						Ž		Œ.				PRI. SALINITY		VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910 (64)	/T/C**			DY1305	Tape/Diskette/DVD ID		04-	픡	TIME DRY BULB	LEG
				1317	2	1010	200		376	12051	1306	NUTO				02 S/N 0910 (pri)				CTD		DATA LOCATION		(%)	RELATIVE	
-								 -			\dashv	SAN			I	X 02 S/N 0904 1000				U	File Name/Header	-		(dea)	O III	
-				70				 			ON GERMO.		SAMPLE BOTTLE NOMBER	AMDI E DOTTI	Г	_		MAX DEPTH =				REMARKS	06	* T	LOUD (amt) YPE /EATHER	STATION DESIGNATION
				388	E 26	353	281	28.5	200		CUF (IIII)		E NOMBER			Cleaned air bleed valve	5					S	Z / L	בקיים בי	воттом	GNATION
											LEVEL	APPROX FLUORO			9		=						<u>₹</u>	NAME/ID	STA.	

NOAA RIV Oscar Dyson	son		DY1305	-		E	M4 SW	GNAT
CONSC					<u> </u>	SSURE STATE SIBILITY	지 UD (amt)	
CAST # LATITUDE		E	DATE JD=	M E	(AIR RELATIVE TEMP) HUMIDITY	SEA VISI	SP NO CLOU	BOTTOM
N	- Di		DAY MO YR	HR MIN (°	(°C) (%)	(mb) * * (deg)	(kts)	(E)
1701710171	-15 4 N 1 6 9 10	15H WO	7 may 13	1026-1	288 0	24 006		
СТВ	TIMES	JD/TIME	*		DATA LOCATION		REMARKS	'n
TYPE & SN	DATA ON			Tape/Diskette/DVD ID		File Name/Header		ĺ
PRESS SN 9+ S/N 0772	10772 START DOWN	WN		DY1305		CTD		
PRI COND SN 4C S/N 2985	12985 AT DEPTH		;					
PRI TEMP SN 3+ S/N 2376	2376 AT SURFACE	CE			}			
SEC COND SN 4C S/N 3127	13127	٠	**on primary T/C**	T/C**			ואורא. טברוח =	
SEC TEMP SN 3+ S/N 4379	4379 PAR S/N 4242	S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X O2 S/N	X 02 S/N 0910 (pri)	X 02 S/N 0904 (ecc)	_	Cleaned air blead valve
POS TEID	XALTIMETER	METER				1	ı	
DE DE		CTD CONVE	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE NUMBER	E NUMB
	PRESSURE PI	PRI. TEMP.	SEC. TEMP.	PRI SAI INITY	Vatrioits	\dashv		
- Box		-		TAL SALINITY	. I₫	SAL. NO.	OXYGEN NO.	CHL (ml)
2 50					12/2			0
3		,			J	1		
4 (ن (ر)				,	. I			100 100 101
5 20					12/5	-		120
6 10						-		ととの
7					13/9			よること
8					1.317	373		288
9		+						
10								
11								
					-	_		

		× 133
x 1326	9	
× 13.25	٦(-
	:	n h
× 1324	/	
> 132	S	
× ,32	دبر	23
× 132	-	
× 1320	Ö	P4C • 00
SEC. TEMP. Mutriants	STIPS	WHITE SEC-SALINITY SAL NO.
CTD CONVERTED MONITOR VALUES		
X WETStar FLUORO S/I	N 868	X WETStar FLUORO S/N 868 X O2 S/N 0910 (April) X O2 S/N 0904 (Sec)
on primary T/C		
DY1305	305	305 CTD
Tape/Disl	<ette td="" □<=""><td>Tape/Diskette/DVD ID File Name/Header</td></ette>	Tape/Diskette/DVD ID File Name/Header
JD/TIME &		DATA LOCATION
1 W 07 May 131845	<u></u>	
취	<u>ا</u> و	(%) (mb)
DATE ID= (GMT)	DRY	TEMP) (AIR RELATIVE PRESSURE SEA STATE VISIBILITY
PROJECT & LEG DY1305	-	

Temp very add but the ship is not rolling *) 2 sml. bothus: 139+139 = 278m)

PG SS OF ___

12	11	10	9	8	7	6	5: 32	4	ω	2	1		POS. DEP		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	039	_	CONSC	NOAA R/V
					0	0	20	0 0	40	270	68	PRESSURE	TRIP DEPTH (m)		SN 3+ S/N 4379	SN 4C S/N 3127	N 3+ S/N 2376	N 4C S/N 2985	9+ S/N 0772	_		5731.53N	DEG MIN	- A	VESSEL NOAA R/V Oscar Dyson
												RE PRI TEMP.	CTD C	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16836.99	DEG MIN		
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	W 0 7 M A 1 3	DAY MO YR	DATE DEVI	DY1305
					というかり	1333	しいいい	1001	1330	1229	1328	PRI SALINITY	VALUES		.UORO S/N 868 X	1 T/C**			DY1305	Tape/Diskette/DVD ID		2129 -0.	Z	TIME (AIR	ا ا
					Х	X	大	×	×	×	×	SEC SALINITY		\ \frac{1}{2}	X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri)				СТО		DATA LOCATION	9 31 26	(%) (m	RELATIVE	
						375						SAL NO.		'	X 02 S/N 0904 (sec)					File Name/Header	_	089	* (deg)	PRESSURE SEA STATE VISIBILITY DE VISIBILITY	, , , , , , , , , , , , , , , , , , ,
					« W	e:						OXYGEN NO.	SAMPLE BOTTLE NUMBER	7			MAX. DEPTH =	SAND	PRIC	SILIC	REMARKS	0	* 7	REATHER	SIATION DESIGNATION
			4		139	139	129	33	\(\frac{\gamma}{\pi}\)	139		CHL (ml)	E NUMBER		Cleaned air bleed valve		TH=	AND SUPES PAIR	PRIOR TO CAST	SILICONE SPRAYOR	S	<u> </u>	H	BOTTOM	GNATION
						631 63						APPROX. FLUORO LEVEL			l valve		3	PALSA THE	PST	RAYON				STA.	

11	10	9	æ	7	6	20	+	+	+	+		DE C	POS. TRIP	SEC TEMP SN 3+ S/N 4379	. –		PRI TEMP SN 3+ S/N 2376	PRI COND SN 4C S/N 2985	PRESS SN 9+ S/N 0772	TYPE & SN	CTD	0 E 0 U U U	DEG MIN	CONSC LATITUDE	VESSEL NOAA RIV Oscar Dyson
											PRESSURE			4379	312/					Q	=	(i) N		DE	35
			:								PRI. TEMP.		CTDC	PAR S/N 4242 X ALTIMETER			AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	DEG MIN	LONGITUDE	
											SEC. TEMP.		CTD CONVERTED MONITOR VAILUES	X WETStar F	""on primary T/C"						JD/TIME	W 0 1 1 1 3	DAY MO YR	DATE JD=\2:	PROJECT & LEG
				1461	1373	ロズロ	1 1 1 2 E	いいには	كالرار	125.51	PRI SALINITY		RVALUES	X WETStar FLUORO S/N 868 X O2 S/N	ry T/C***				DY1305	Tape/Diskette/DVD ID		20 0	HR MIN	TIME (AIR (GMT) TEMP)	LEG
				O		•	4	1	> 6	' «	 	=2		(102 S/N 0910 (0#)	_				CI CI		DATA LOCATION	· A 구 의 의 등	\square	RELATIVE	
				:							SAL NO.			X 02 S/N 0904-(sec)	3				CTD OHO	File Name/Header	Z	6 065	b) * * (deg)	PRESSURE SEA STATE VISIBILITY DIR NO E	25
			-							* XX	OXYGEN NO.		SAMDI E BOTTI E NI IMBED	Ē]	100 000 000	MAX DEPTH =				REMARKS	5		S TRUE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
				ا څ	139	シ 의	38	138	139	3	CHL (ml)			Cleaned air bleed valve			:PTH =				KS	I GF	(m)	ВОТТОМ	SIGNATION
										i	APPROX. FLUORO LEVEL			∌d valve			3							STA.	

12	11	10	9	8	7	6	0	, ,	+	.3	2 170	1 68		DEPTH (m)	1		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0 - - -	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
													PRESSURE	(m) 			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			130 · \3 N	MIN	LATITUDE	car Dyson
													RE PRI TEMP.	CIDC	ALIIMETER		PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD	16759.2	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES			X WETStar F	**on primary T/C**					JD/TIME	1 W O 8 3 P Y 1 3	DAY MO YR	DATE JD=\38	PROJECT & LEG
					8451	七五七八	1346	CHOI	200	AUEI	とかどし	CHEI	PRI: SALINITY	(VALUES			X WETStar FLUORO S/N 868 X O2 S/N	y T/C***			DY1305	Tape/Diskette/DVD ID		0000	HR MIN (°C)	TIME DRY BULB (GMT) TEMP)	ÆG
													SEC. SALINITY	377		6	(O2 S/N 0910 -(pri)	•			 2		DATA LOCATION	6 80 77 20) (%) (mb)	RELATIVE	-
									-			\dashv	SAL NO.				X 02 S/N 0904 1(sec) -				CTD OW!	File Name/Header	Z	0 38	* (deg)	PRESSURE SEA STATE VISIBILITY NO. TR. R. D. T	13
					لد								OXYGEN NO.	SAMPLE BOTTLE NUMBER	Ь	Γ			MAX. DEPTH =				REMARKS		(kts) * * *	S TRUE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
					ا ا	139	139	1 X	X		<u>لر</u>	ļ	CHL (ml)	LE NUMBER	138		Cleaned air bleed valve		= HTG				S	<u>اد</u> رو	(ī)	BOTTOM DEPTH	GNATION
													APPROX. FLUORO		2	S.	d valve		3							STA. NAME/ID	

12	11	10	9	8	7		51	+	ω E	27	1 (0%		POS. TE	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0 E U	0	CONSC CAST#	VESSEL NOAA R/V
					0	D	ממ	ر د د	HO	50	>	PRESSURE	TRIP DEPTH (m)		N 3+ S/N 4379	N 4C S/N 3127	3+ S/N 2376	N 4C S/N 2985	9+ S/N 0772			5780.25N	DEG MIN	LATITUDE	VESSEL NOAA R/V Oscar Dyson
										1		RE PRI. TEMP.	CTD CC	X ALTIMETER	PAR S/N 4242		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16739.87WOR	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FLU	**on primary T/C**		 		1	JD/TIME	3 8 3	DAY MO YR	DATE JD=\つき	PROJECT & LEG
					しいがい	ージガモ・	/い と と と に と に に に に に に に に に に に に に に	-	1251	1350	1349	NUTS PRI-SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N	T/C***			DY1305	Tape/Diskette/DVD ID		り 2 1 3 1 0 日	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	6
												SEC. SALINITY			0910	ı			CTD		DATA LOCATION	8 H 26	(%) (mb)	RELATIVE PRESSURE	
												SAL NO.			X 02 S/N 0904-(sec)				CIDDAA	File Name/Header		0	* * (deg)	VISIBILITY VISIBILITY VIND VIND VIND	2.46
											OF.	OXYGEN NO.	SAMPLE BOTTLE NUMBER	G .			MAX. DEPTH =			İ	REMARKS	(V)	(kts) * * *	SE NO CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
					と をと	139	139	186	283	281		CHL (ml)	TLE NUMBER		Cleaned air bleed valve		EPTH =				KS	75	(m)	BOTTOM DEPTH	SIGNATION
												APPROX. FLUORO LEVEL			ed valve		3							STA. NAME/ID	

12	1	10	9	œ	7	6	5	4 6.	3 H ₀	2 (K)	1 68		DEPTH (m)	1	SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN 3	PRI COND SN 4	PRESS SN 9	TYPE & SN	CTD	0 F		VESSEL NOAA RIV Oscar Dyson
												PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			0 MIN	LATITUDE	r Dyson
												E PRI. TEMP.		X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	DEG MIN	LONGI	
												SEC. TEMP.	CID CONVERTED MONTOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	WORN MO YR	SCI=DE JPAD	PROJECT & LEG
				-	72(-)	13/51	131,0	7759	N. J.	にいる	1356	NUTS PRI-SACINITY	VALUES		X WETStar FLUORO S/N 868 X) T/C**			DY1305	Tape/Diskette/DVD ID		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TIME DR	EG
												SEC. SALINITY			X 02 S/N 0910 (pri)				CTD		DATA LOCATION	(mb)	RELATIVE HUMIDITY	
						0377					=	SAL NO.		-	X 02 S/N 0904-(300)]			CID OX	File Name/Header		O (deg)	SEA STATE VISIBILITY DE VISIBILITY VISIBILITY	200
					10							OXYGEN NO.	SAMPLE BOTTLE NUMBER	~	_	1	MAX. DEPTH =				REMARKS	/ (kts) *		STATION DESIGNATION
					6 21	P C	56	261	138	129		CHL (ml)	TLE NUMBER		Cleaned air bleed valve		EPTH =				KS	(C)	ВОТТО М DEPTH	SIGNATION
												APPROX. FLUORO LEVEL			ed valve		3						STA. NAME/ID	

CONSC CAST # LATITUDE CAST # DEG MIN DEG MIN O 4 4 5 3 1 2 8 N CTD	LONGITUDE DEG MIN NGAGA SAM	JD=\28 O YR	TIME (AIR (GMT) TEMP)	RELATIVE HUMIDITY (%)	* SEA STATE * VISIBILITY Gegg R. WINDE	STATION DESIGNATION WINDOUL (amt) WINDOUL (Amt) SPD. CLOPE * WEATHER DEPTH * (m) REMARKS	GNATION BOTTOM DEPTH (m)
TYPE & SN	TIMES JD/TIME		DA Tape/Diskette/DVD ID	TA LO	CATION File Name/Header	- R	MARK
PRESS SN 9+ S/N 0772	START DOWN		DY1305		CTDOWN		And the second second
PRI COND SN 4C S/N 2985	AT DEPTH						
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DEPTH =	ᇤ
SEC COND SN 4C S/N 3127]	**on primary T/C**	T/C***		l		
SEC TEMP SN 3+ S/N 4379	PAR S/N 4242	X WETStar FLUORO S/N 868	JORO S/N 868 X	X 02 S/N 0910-(pri)	X 02 S/N 0904-(300)	\$\frac{1}{4}	Cleaned air bleed valve
1	X ALTIMETER			í	٠.	Ν.	
POS. TRIP DEPTH (m)	CTD CONV	CTD CONVERTED MONITOR VALUES	VALUES	85		SAMPLE BÖTTLE NUMBER	≓l
PRESSURE	RE PRI. TEMP.	SEC. TEMP.	NUTS PRI-BALINITY-	SEC. SALINITY	SAL NO.	OXYGEN NO.	
1 (08			E9181	×	Н	68	
2 50			とうでし	×			\vdash
3 40			1365	X			┞╾┥
4 ن 0			1366	X			┝╌┤
ຫ ນ ວ			1367	X			
6			1362	×			
7 0			13.4	X			\dashv
8				,			+
9						!	\dashv
10							-+
11							\dashv
12			ļ				+

					+++	++-	++	+		_	PRES	POS. TRIP DEPTH (m)	1	SEC TEMP SN 3+ S/N 4379	SEC COND SN 4C S/N 3127	PRI TEMP SN 3+ S/N 2376	PRI COND SN 4C S/N 2985	PRESS SN 9+ S/N 0772	TYPE & SN	СТВ	0155725.6	DEG MIN	CONSC LATITUDE	VESSEL NOAA R/V Oscar Dyson	
											PRESSURE PRI. TEMP.	CTD C	X ALTIMETER	PAR S/N 4242	Ĺ	AT SURFACE	5 AT DEPTH	START DOWN	DATA ON	TIMES JD	1 N 1 6 H 9 . 1 0	DEG MIN	LONGITUDE		
		_									SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	0 W 0 8 7 8 5 1 3	DAY MO YR	DATE JD=	PROJECT & LEG	
-				15.21	ージュリ	インコム	マコマ	いが出り	1551	1330	PRI-SAUNITY-	VALUES		X WETStar FLUORO S/N 868 X O2 S/N	T/C**			DY1305	Tape/Diskette/DVD ID		0624 -1.	HR MIN (°C)	TIME (AIR (GMT)	EG	
					:						SEC. SALINITY	50	XX	02 S/N 0910-(pri)				CTD		DATA LOCATION	3 7626	(%) (mb)	LB RELATIVE HUMIDITY PRESSURE		
										378	SAL. NO.			X 02 S/N 0904 (sec)				CTDOUS	File Name/Header		0 6 2	* * (deg)	SEA STATE VISIBILITY TRUE DIR. DIR.	10.0	
				निर्म							OXYGEN NO.	SAMPLE BOTTLE NUMBER	Q.		I	MAX. DEPTH =				REMARKS	1 4	*	SPECIFICATION OF TYPE WEATHER	STATION DESIGNATION	
				00 00	ン 2 1 1	<i>S S S S S S S S S S</i>	185	200	186		CHL (ml)	TLE NUMBER		Cleaned air bleed valve	•	PTH =		The state of the s		KS	1 1 1	(m)	ВОТТОМ	SIGNATION	
-	\dagger	+									APPROX. FLUORO LEVEL			ed valve		3							STA. NAME/ID		

VESSEL NOAA RIV Oscar Dyson CONSC CAST # LATITUD DEG MIN	car Dyson LATITUDE	ONG!	PROJECT DY1305 DATE JD=	TIME DR	RELATIVE HUMIDITY	3	* SEA STATE * VISIBILITY	* SEA STATE * VISIBILITY OPEN TO THE PROPERTY OF THE PROPERTY
DEG 0 및 DEG	MIN D	DEG MIN 16630.921	DAY MO YR	HR MIN (°C)		<i>S S S S S S S S S S</i>	(%) (mb) * * (de)	(%) (mb) * * (deg)
СТВ		TIMES JD/	JD/TIME			DATA LOCAT	LOCATION	LOCATION
TYPE & SN		DATA ON		Tape/Diskette/DVD ID	Q		DVD ID File Name/Header	
PRESS SN	9+ S/N 0772	START DOWN		DY1305			CTD O4(e	CTD ON C
PRI COND SN	4C S/N 2985	AT DEPTH						
PRI TEMP SN	3+ S/N 2376	AT SURFACE						MAX. DEPTH =
SEC COND SN	4C S/N 3127	l	**on primary T/C**	/ T/C**	ı			
SEC TEMP SN	3+ S/N 4379	PAR S/N 4242	X WETStar FI	LUORO S/N 8	<u>8</u>	368 X O2 S/N 0910-(e)	X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri) X O2 S/N 0	368 X O2 S/N 0910-(pit) X O2 S/N 0904-(sec)-
		X ALTIMETER				K	Se	Ser
POS. TRIP DEPTH (m)	(f)	CTD C	CTD CONVERTED MONITOR VALUES	\ VALUES		10	10	SAMPLE BOTTLE NUMBER
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	BRI-SALINITY-	中	SEG.	-SEG-G	SEG-GALINITY"
73	64			1321		*	4	
2 70				1338		•	•	•
4 30				085		•		•
5				1851		•		
6				1382	1	0	0	0
8				シメら		۰	•	
9					ı			
6				:				
=								
12								

VESSEL NOAA RIV Oscar Dyson		PROJECT & LEG	- - -	-		STATION DESIGNATION	SIGNATION	
CONSC			DRY BULB	RELATIVE	RESSURE EA STATE VISIBILITY	EATHER	воттом	STA.
_	LONG)ATE JD=	T	L	SI	SPD. CL	DEPTH	NAME/ID
DEG MIN	MIN	, MC	7 7	2 (g)	(0	(RIS)]	
0 T X S 71 9 .	27N 6619.69	9 WO 8 May 13	090411	* 1 00	6	5	70	_
СТВ	TIMES JD	JD/TIME		DATA LOCATION	Ž	REMARKS	KS	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header			
PRESS SN 9+ S/N 0772	772 START DOWN		DY1305	C.	CTD			
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	376 AT SURFACE					MAX. DEPTH =	PTH= 64	m
SEC COND SN 4C S/N 3127	127	**on primary T/C**	T/C**	•	•	.		
SEC TEMP SN 3+ S/N 4379	379 PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X O2 S/N	02 S/N 0910-(pri)	X 02 S/N 0904-(sec)		Cleaned air bleed valve	d valv
	X ALTIMETER		,	Se Se		7		
POS. TRIP DEPTH (m)	CTD C	CTD CONVERTED MONITOR VALUES	VALUES	**		SAMPLE BOTTLE NUMBER	LE NUMBER	
PR	PRESSURE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Mutrients -BEC: BALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 80+ 64				188	-			
				1385			2000	\neg
3 40				1386			2 83	
╁				1387			1.80	
+			-) I		S 95 33	
) (2000	ンチイ	7	282	T
8				1 2010		7	XX	T
9								\dagger
10								7
1				;				1
								†

VESSEL NOAA R/V Oscar Dyson		PROJECT & LEG	EG			STATION DESIGNATION	GNATION	
20N62			ᄝ		A STATE SIBILITY	됐 도 DUD (amt)	DOTTOM.	0TA
CAST # LATITUDE	LONGITUDE	DATE JD=	(GMT) TEMP)	AP) HUMIDITY	SE/ VIS	SP CLO	DEPTH	NAME/ID
DEG	DEG MIN	DAY MO YR	Z	(%)	*	*	(m)	
0485719.24	N/6600-78V	8 W 0 8 M 0 4 1 3	1043-1	78	26 052	5	6 9	
CTD	TIMES JD/	JD/TIME		DATA LOCATION		REMARKS	S	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header			
PRESS SN 9+ S/N 0772	START DOWN		DY1305		CTD			
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DEPTH =	PTH = 64	3
SEC COND SN 4C S/N 3127		**on primary T/C**	·T/C**]	,	
SEC TEMP SN 3+ S/N 4379	PAR S/N 4242	X WETStar FL	.UORO S/N 868	X WETStar FLUORO S/N 868 X O2 S/N 0910 (pri)	X 02 S/N 0904 (3ec)		Cleaned air bleed valve	d valve
	X ALTIMETER		!	K	•	ı		
POS. TRIP DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES	*		SAMPLE BOTTLE NUMBER	LE NUMBER	
PRESSURE	IRE PRI TEMP.	SEC. TEMP.	PRRI SALINITY	WILLIAM SECTION	SAL NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 304			•	<u>~</u>	寸	66		
2 50		25	٠	1,202			(Cop)	-
3 500 0005			an.	×			4	
4 40			(4)	1394			28/3	
5n			,	1395			000	
6 20			,	1396			<u>ک</u> په	
7 10			0	1397			ひきな	
8				1393			288	
9								
1 0								

12	11	10	မ	∞	7	6	ا ا	200	الر	3 HO	2 50	1 150)	DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0495	DEG	CONSC CAST#	NOAA RIV Oscar Dyson
												757	PRESSURE	+ (m)		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			715.71N	MIN	LATITUDE	scar Dyson
													RE PRI. TEMP.	CTD	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JE	16545.30	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar F	**on primary T/C**				5	JD/TIME	WORMON 13	DAY MO YR	DATE JD=	PROJECT & LEG
													PRI. SALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N 0910-(pri)	y T/C**			DY1305	Tape/Diskette/DVD ID		1158-11.	HR MIN (°C)	TIME (AIR (GMT)	
				9	1404	1403	1402	1011	-00	1400	- 1	398	Xutrents SEC-BALINITY	to	1					CTD		DATA LOCATION	S 8 . 26	(%) (mb)	B RELATIVE HUMIDITY PRESSURE	
												485	SAL. NO.			X 02 S/N 0904 (sec)]				File Name/Header		0	[* * (deg)	SEA STATE VISIBILITY DIR. VIR.	
					P \$								OXYGEN NO.	SAMPLE BOTTLE NUMBER	T	_]	MAX. DEPTH =	2	المعدر	Winch	REMARKS	15	[*]	와 된다. CLOUD (amt) TYPE WEATHER	SIATION DESIGNATION
					\2 \2 \2 \3	A80	2003	シスプ	> 2	スクレ	\%\ \		CHL (ml)	LE NUMBER		Cleaned air bleed valve	,	PTH = /65	7	on Start	n went w	⊗	70	(m)	BOTTOM	GNATION
					:								APPROX FLUORO LEVEL			ed valve		3	2 2	w Ro	Comp	00			STA. NAME/ID	

VESSEL NOAA R/V Oscar Dyson		PROJECT & LEG	EG		. 2	STATION DESIGNATION	IGNATION	
CONSC CAST # I ATITI IDE	ONGITION	DATE IN-	TIME DRY BULB	3ULB RELATIVE	PRESSURE SEA STATE VISIBILITY DE VINCE	ELOUD (amt) YPE VEATHER	BOTTOM	STA.
DEG	DEG MIN	DAY MO YR	크	(%)	*	(kts) *	(E)	
050 52061.4H N	116556.72W	108 may 13	13391-11				72	
CTD	TIMES JD/TIME	IME <		DATA LOCATION	9	REMARKS	6	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	N° 0	pomanos a	(on Bo
PRESS SN 9+ S/N 0772	START DOWN		DY1305		CTD	7° Ch	channels Sc	Schomos
PRI COND SN 4C S/N 2985	AT DEPTH					1°S10	Q.	{
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DEPTH =	PTH = 64	/ m
SEC COND SN 4C S/N 3127		**on primary T/C**	T/C**		200	ļ ·		
SEC TEMP SN 3+ S/N 4379	PAR S/N 4242	X WETStar FL	UORO S/N 868	X WETStar FLUORO S/N 868 X O2 S/N 0910-(pii)	X 02 S/N 0904-(sec)		Cleaned air bleed valve	d valve
	X ALTIMETER			K	1	7		
DEPTH (m)	CTD CO	CTD CONVERTED MONITOR VALUES	VALUES	44		SAMPLE BOTTLE NUMBER	LE NUMBER	
PRESSURE	RE PRI. TEMP.	SEC. TEMP.	-PRI:-SACINITY	Mutrand-S	Y SAL NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 Bot			٥	1405	\dashv	62		
2 50			0	1406			138	
3 40				1407			222	
30			0	8011			28/	
5 20			*	1409		`	الا الا	
6			ø	1 410			2004	
7				1411			9 SG	
8							(
9								
10								
11			:					
12								

12	11	10	9	œ	7 0	6 /0	5 20	4	3 40	2 50	1 130+	3	POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	05186	CONSC CAST#	VESSEL NOAA RV Oscar Dyson
											27	PRESSURE	<u>a</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			m	LATITUDE	ar Dyson
				,								E PRI. TEMP.	CTD C	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD	22 89	LONGITUDE MIN	
			33									SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar F	**on primary T/C**					JD/TIME .	may.	DATE JD=	PROJECT & LEG
												PRI. SALINITY	RVALUES		X WETStar FLUORO S/N 868 X 02 S/N	y T/C**			DY1305	Tape/Diskette/DVD ID		05-11.	TIME (AIR (GMT) TEMP)	EG
					3111	1917	1416	1415	1414	1413		Mutrients SEC. SALINITY	21		\$ 1 0100		į		CTD		DATA LOCATION		LB RELATIVE SSUID (%) (mb)	
					- XV		_					SAL. NO.	ω		X 02 S/N 0904-(sec)-]				File Name/Header		0 2 6	* SEA STA * VISIBILIT OUR OUR * VISIBILIT OUR OUR OUR OUR * SEA STA * VISIBILIT OUR OUR OUR OUR OUR OUR OUR OUR OUR OUR	TE TY
					R.F.							OXYGEN NO.	SAMPLE BOTTLE NUMBER	7]	MAX. DEPTH =				REMARKS)3	* CLOUD (a * TYPE * WEATHEI	STATION DESIGNATION
				-	\ \ \	287	283	38/	283	28/		CHL (ml)	E NUMBER		Cleaned air bleed valve		TH= 66	division and the second			S	73	BOTTOM DEPTH	GNATION
												APPROX. FLUORO LEVEL			1 valve		3				Y-district the second s		STA. NAME/ID	

Oscar Dyson LATITUDE MIN SU 51 1 2 N	LONGITUDE DEG MIN 6 5 7 38 TIMES DATA ON DATA ON	DATE JD= (DAY MO YR H) DAY MO YR H DAY MO TA H DAY MO TA H Ta	TIME DRY I R MIN (A Pe/Diskette/D	RELATING (%)	(mb) PRESSURE * SEA STATE * VISIBILITY CATION File Name/Header	STATION DESIGNATION TRUE (amt) WIND OUD (amt) SPD. CLOUD (BOTTON SPD. CLOUD (BOTTON SPD. CLOUD (CM) * WIND DEPTH (M) * (m) * (m)	BOTTOM DEPTH
9+ S/N 0772	START DOWN		DY1305		CTD		
4C S/N 2985	AT DEPTH						1
PRI TEMP SN 3+ S/N 2376	AT SURFACE	:				MAX. DEPTH =	Ÿ
SEC COND SN 4C S/N 3127		**on primary T/C**	/ T/C***		l		
SEC TEMP SN 3+ S/N 4379	PAR S/N 4242 X ALTIMETER	X WETStar Fl	X WETStar FLUORO S/N 868 X	X 02 S/N 0910-(94) S/2	0910 (pri) X 02 S/N 0904 (pro)		Cleaned air bleed valve
POS. TRIP DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES	10	-	SAMPLE BOTTLE NUMBER	E Z
PRESSURE	RE PRI. TEMP.	SEC. TEMP.	Nutrients PRI-SALINITY	SEC. SALINITY	Y SAL NO.	OXYGEN NO.	CHL (ml)
1 (Post 109			1419		Н	08 .	
2 57			1420	< Y			28
4 (U) - (U)			1882	X			1 × 1× 1× 1× 1× 1× 1× 1× 1× 1× 1× 1× 1×
5 20			1423	У		-	S C C C C C C C C C C C C C C C C C C C
6			1024	X			228
7 0			1425	X			\$ \$ \$ \$ \$
8							
9							
10						s	

NOAA RN Oscar Dyson	scar Dyson		PROJECT & LEG	EG DRY BULB	SULB	SSURE STATE BILITY		STATION DE	STATION DESIGNATION TRUE D H
CAST #	LATITUDE	LONGITUDE	DATE JD=	(GMT) TEMP)	HUMIDITY	ì	* SEA * VIS	* SEA * VIS DIR. SPD. CLO TYPI	* SEA* VIS WIND WINDO OF TYPE
05356	54.38N	149.96	May.	32-	093.	2		04	04
СТВ		TIMES JD/TIME			DATA LOCATION	ᄎ	ž		N REMARKS
TYPE & SN		DATA ON		Tape/Diskette/DVD ID			Name/Heade	File Name/Header	Name/Header
PRESS SN	9+ S/N 0772	START DOWN		DY1305			CTD	CTD	CTD
PRI COND SN	4C S/N 2985	AT DEPTH			[] }	l			
PRI TEMP SN	3+ S/N 2376	AT SURFACE						MAX [MAX. DEPTH = (S
SEC COND SN	4C S/N 3127	•	**on primary T/C**	T/C***			l]	
SEC TEMP SN	3+ S/N 4379	PAR S/N 4242	X WETStar FL	X WETStar FLUORO S/N 868 X 02 S/N	X 02 S/N 091	የ ቆ	10910 (pri) X 02 S/N	0(er) X 02 S/N 0904(sec)	
1		A AL IMETEX							
POS. TRIP DEPTH (m)	(m)	CTD CO	CTD CONVERTED MONITOR VALUES	VALUES	#T			SAMPLE BO	SAMPLE BOTTLE NUMBER
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	Mutrients SEC. BALINITY	₹ %	7	TY SAL NO.	7
1 But	65			2	1426	!			
2 50					1427				J.87
3 40					1428				283
4 ن ن					1429				1-36
55	Uč.				1430				283
6 /0					1431	1			7.38
7 0					1432	1		الم	S
σ				•					4
9									
11									
12							_		

SAMPLE BOT SAMPLE BOT SAMPLE BOT WEATHER TRUE WIND DID (amt) TYPE * CLOUD (amt) TYPE * WEATHER	Chazed F	12	11	10	9	8 O 1 × 1439	7 0	X /40%	/b × /7/3	20	30	3 40 × 1435	143	1 1307 b	PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY	POS. TRIP CTD CONVERTED MONITOR VALUES DEPTH (m)	X ALTIMETER	SEC TEMP SN 3+ S/N 4379 PAR S/N 4242 X WETStar FLUORO S/N 868 X O2 S/N 0910 (9#) X	SEC COND SN 4C S/N 3127 ***on primary T/C***	PRI TEMP SN 3+ S/N 2376 AT SURFACE	PRI COND SN 4C S/N 2985 AT DEPTH	PRESS SN 9+ S/N 0772 START DOWN DY1305 CTD 05	TYPE & SN DATA ON Tape/Diskette/DVD ID File Name.	CTD TIMES JD/TIME DATA LOCATION	05456 45 . 91 N 16 H 20 . 32 W 08 M 2 Y 1 3 2 1 0 9 - 0 . 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	LATITUDE LONGITUDE DATE JD=\28 (GMT) TEMP) HUMIDITY EX	
BOTTOM DEPTH (m) (m) CHL (m) CHL (m) CHL (m)	huged from CTOTEST					× \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		X 143X	× 1//3°/	× 1000	V /43/	X 1435	1434	143 3	SEC: SALINITY SAL. NO. OXYGEN NO.	ALUES SAMPLE BOTTLE NUMBER	XX	X O2 S/N 0910 (pri)	Changed to	SURFR	X3X	CTD 054	spe/Diskette/DVD ID File Name/Header	DATA LOCATION REMARKS		ME (AIR RELATIVE SSTATE TRUE TRUE TRUE OUD (amt) TEMP) HUMIDITY PRESSIBILITY DIR. SPD. CLOUD (TYPE WEATHER	

PG 54 OF ___

12	11	10	ဖ	8	7	6	5 U	4	3 40	2 50	- 41		POS. DEPT	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	ত দ তা	<u></u>	CONSC CAST#	VESSEL NOAA R/V
							0	0	0			PRESSURE	DEPTH (m)		N 3+ S/N 4379	N 4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			5 X - O N	DEG MIN	LATITUDE	VESSEL NOAA RIV Oscar Dyson
												E PRI. TEMP.	01000	X ALTIMETER	PAR S/N 4242		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	- 6 7 3 5 1 N	DEG MIN	ONG	
												N SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FLU	**on primary T/C**				 -	JD/TIME	UN 0 0 3 7 4 1 3 1		DATE JD=\78	PROJECT & LEG
												PRI. SALINITY	ALUES		X WETStar FLUORO S/N 868 X O2 S/N	T/C**			DY1305	Tape/Diskette/DVD ID		(a) (b) (c) (c)	HR MIN (°C)	TIME (AIR (GMT) TEMP)	G
						17HRS	1444	KH41	1442 1441	1441		SEC. SALINITY			0910	ı			CTD CTD	D File Name/Header	DATA LOCATION	9 0 2 0	(%) (mb) *	HUMIDITY PRESSURE SEA STATE	
						اد او					_	SAL NO.	(A)		X 02 S/N 0904-(sec)				District Control	Header		0	* (deg)	VISIBILITY TRUE DIR.	23%
				_	Z L							OXYGEN NO.	SAMPLE BOTTLE NUMBER	70			MAX. DEPTH =				REMARKS	0	(kts) * * *	SPECIAL SECTION OF THE PERSON	STATION DESIGNATION
	1											CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH =				6	고	(m)	BOTTOM DEPTH	IGNATION
												APPROX. FLUORO LEVEL			ed valve		m							STA. NAME/ID	

CONSC CAST # LATITUD DEG MIN CTD TYPE & SN PRESS SN 9+ S/N 07	Scar Dyson LATITUDE G MIN 9+ S/N 0772	GITUDE GITUDE	PROJECT & L DY1305 DATE JD=\29 DAY MO YR DAY MO YR DAY MO YR 1 3	TIME (GMT) HR MIN DO 1 5	DRY BULB (AIR TEMP) (°C) o • D atte/DVD ID		TA LO	RELATIVE SURE UNIDITY PRESSURE VINIDITY PRESSURE VINIDITY PRESSURE VINIDITY DIFFERENCE CTD O SIGNATURE CTD O SIGNATURE VINIDITY DIFFERENCE	RELATIVE SURE SURE SURE SURE A SIBILITY PRESSIBILITY DIR. (%) (mb) * * (deg) * * (deg) TA LOCATION File Name/Header CTD 56	STATION DESIGNATION DESIGNATIVE ESS STATE TRUE TRUE DESIGNATION P. SEASIBLE TRUE DESIGNATION DIR. SPD. CLYPEATH SPD. CLYPEATH SPD. CLYPEATH SPD. CTYPEATH SP	RELATIVE ESSISTATE TRUE TRUE UNINDITY PRISES SIBILITRUE TRUE TRUE TRUE ON TALOCATION File Name/Header CTD 056
		DATA ON START DOWN AT DEPTH AT SURFACE		Tape/Diskett					File Name/Header	File Name/Header	
		PAR S/N 4242	**on primary T/C** X WETStar FLUORO S/N 868	UORO S/N 86	Ж О2	S/N	X 02 S/N 0910 (9FF)	1 (X 02 S/N 0904 (Sec	X 02 S/N 0904 (Sec)	X 02 S/N 0904 (Sec
ᄑᇷ	TRIP DEPTH (m)	CTD CON	CTD CONVERTED MONITOR VALUES	VALUES		l			SAMPLE B	SAMPLE BOTTLE N	SAMPLE BOTTLE NUMBER
	PRESSURE	E PRI. TEMP.	SEC. TEMP.	ALINHTWS 186	do	\$ \tilde{\chi}	NUCTS	O-SACINITY SAL. NO.	SALINITY SAL. NO.	SALINITY SAL. NO. OXYGEN NO.	SALINITY SAL. NO.
40				××		E 11	877 7747	1111	69.		
5				×		4 5 I	449	149	149	AHA	AH9
200				\times_{\times}			1480	工 界 ()	ER O	ER O	ER O
10				×		e f	1452	(5)	が	500	(J)
0				+			子がひ	チョン	チガジ	チカシ	チカン
9											
10											

	11	10	9	œ	7 0	6	200	\dashv	4 0 0	3 40	2 7 0	م م ا	PRES	DEPTH (m)	POS. TRIP	1	SEC TEMP SN 3+ S/N 4379	SEC COND SN 4C S/N 3127	PRI TEMP SN 3+ S/N 2376	PRI COND SN 4C S/N 2985	PRESS SN 9+ S/N 0772	TYPE & SN	CTD	0515623.10	DEG	CONSC LATITUDE	VESSEL NOAA R/V Oscar Dyson
													PRESSURE PRI. TEMP.		CTD CC	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	0 N 1 6 5 a a . 8 7 W	DEG MIN	LONGITUDE	
													SEC. TEMP.		CTD CONVERTED MONITOR VALUES		X WETStar FLUORO S/N 868	**on primary T/C**				 	TIME	V 09 may 136	Н	DATE JD=\29	PROJECT & LEG
		3											PRI. SALINITY		/ALUES		JORO S/N 868 X O	7/C**			DY1305	Tape/Diskette/DVD ID		0.5	Z	TIME AIR (GMT) TEMP)	G -
					1462	1 COM	101	(1917)) I	1450	スプン	たどれ	NUTS SEC. SALINITY			1	X O2 S/N 0910 (pri)				CTDOS	ID File Name/Header	DATA LOCATION	89 9 22	3	RELATIVE PRESSURE	S:
+					· Pi	Same ?						_	SAL. NO. O		SA		X 02 S/N 0904 (sec)	•		1000	57.7	e/Header		2)	I – I	VISIBILITY DIR. WIND WIND WIND WIND WIND WIND WIND WIND	SI
					じん	met the low							OXYGEN NO.		SAMPLE BOTTLE NUMBER	2	_	l	MAX. DEPTH =			The same of the sa	REMARKS	0	*	SE TREE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
				00		2							CHL (ml)		NUMBER		Cleaned air bleed valve		H =				***	8	H	BOTTOM DEPTH	NATION
					1	27							APPROX. FLUORO LEVEL				valve		3							STA.	

11	10	9	∞	7	6	5 20	4 30	3 40	2 50	1 89	PRE	DEPTH (m)	1	SEC TEMP SN 3+ S/N 4379	SEC COND SN 4C S/N 3127	PRI TEMP SN 3+ S/N 2376	PRI COND SN 4C S/N 2985	PRESS SN 9+ S/N 0772	TYPE & SN	CTD	0585616.1	DEG	CONSC LATITUDE	VESSEL NOAA RIV Oscar Dyson
											PRESSURE PRI. TEMP.	CID	XALTIMETER		<u> </u>	76 AT SURFACE	85 AT DEPTH	72 START DOWN	DATA ON	TIMES JC	w	DEG	LONGITUDE	
										Ц	SEC. TEMP.	CTU CONVERTED MONTOR VALUES		X WETStar FLUORO S/N 868	on primary T/C**			 	П	JD/TIME		DAY MO YR H	DATE JD=\>a	PROJECT & LEG
			/	<	×	X	X	×	*		PRI_SALINITY S	ALUES		ORO S/N 868 X O2	./c**			DY1305	Tape/Diskette/DVD ID	<u>.</u>	03470.6	N (°C)	TIME (AIR (AIR)	<u>ω</u>
				1469 11	1468 1	14 67 1 H	1466	1465	H911	\dashv	SEC. SALINITY S			X 02 S/N 0910-(pri) X 02 S/N 0904-(sec)]			CTDOSS) File Name/Header	DATA LOCATION	0	%) (mb)	PRESSURE SEA STATE	
			-	Q						\dashv	SAL NO. OXYG	SAMP	,	02 S/N 0904 1(300					Header		\vdash	_ [VISIBILITY DIR UE TRUE SPD WIND (amt)	STAT
				95							OXYGEN NO. CHL (ml)	SAMPLE BOTTLE NUMBER		Cleaned air bleed valve]	MAX. DEPTH =	the section	dan de la companya de		REMARKS	94	* \	CLOUD (amt) TYPE WEATHER BOTTOM	STATION DESIGNATION
											APPROX. FLUORO LEVEL			3d valve		3							STA.	

12	11	10	9	8	7 20	6	170	+	A 1	ده الد ال	2 000	1 1		DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0 1/1 0 1/7	DEG	CONSC	VESSEL NOAA RIV Oscar Dyson
													PRESSURE	<u> </u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			9)	<u>≤</u>	LATITUDE	ar Dyson
													E PRI. TEMP.	CID	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16620.261	DEG MIN	LONGITUDE	
													SEC. TEMP.	CID CONVERTED MONITOR VALUES		X WETStar FL	**on primary T/C**					JD/TIME	W O 9 3 P U 1 3	DAY MO YR	DATE JD=\29	PROJECT & LEG
			•	Q	•		•	•		•	•	•	BRISALINITY	VALUES		X WETStar FLUORO S/N 868 X O2 S/N	1/C**			DY1305	Tape/Diskette/DVD ID		0629	HR MIN (°C)	DRY BULB (GMT) TEMP)	EG
			14-48	トトール	7 EH1	1H75	HEM	1110	7.	ことわり		アルコロ	SEG-SALINITY	æ		02 S/N 0910 (pri)	•			 		DATA LOCATION	و. - س	(%) (mb)	ILB RELATIVE ESSURE	
				385									SAL. NO.			X 02 S/N 0904 (sec)]			CTD 0 59	File Name/Header	_	0 I	* * (deg)	SEA STATE VISIBILITY DE TRUE	
									-				OXYGEN NO.	SAMPLE BOTTLE NUMBER	T]	MAX. DEPTH =				REMARKS	チ	(kts) * * *	S NO E CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
								<u> </u>				:	CHL (ml)	ENUMBER		Cleaned air bleed valve		PTH =	The state of the s			8	ر رو رو	(m)	BOTTOM DEPTH	GNATION
													APPROX. FLUORO LEVEL			d valve		3							STA.	

12	11	10	9	8 /0	7 20	6 36	5 40	4 50	3 75	2 /00	_1 ₩°+		POS. TRIP DEPTH (m)	1	SEC TEMP SN 34	SEC COND SN 40	PRI TEMP SN 34	PRI COND SN 40	PRESS SN 94	TYPE & SN	СТО	060555	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
											127	PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			3.96N	S Z	LATITUDE	Dyson
												E PRI. TEMP.	CTD CC	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	116654.1311V	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FLUOR S/N 868	**on primary T/C**					JD/TIME	W 0 9 3 9 5 1 3	DAY MO YR	DATE JD=\%	PROJECT & LEG
											:	-PRI-SALINITY	VALUES			T/C**			DY1305	Tape/Diskette/DVD ID		08831	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	<u>=</u> G
			148-1	1486	1495	H8H1	1487	しれるカ	1841	1480	PE-71	SEC-SALINITY			X O2 S/N 0910 (sec)	•			 		DATA LOCATION	300.022	(%) (mb)	RELATIVE	
											7,	SAL. NO.			X O2 S/N 0904 (pri)	3		:	CTD 660	File Name/Header	2	2 019	o) * * (deg)	PRESSURE SEA STATE VISIBILITY DEFINE R. DEFINE	
											· 45	OXYGEN NO.	SAMPLE BOTTLE NUMBER		_]	MAX. DEPTH =				REMARKS	24	(kts) * * *	SPECIAL SECTION OF SEC	STATION DESIGNATION
												CHL (ml)	LE NUMBER		Cleaned air bleed valve		12				S	134	(m)	BOTTOM DEPTH	IGNATION
											-	APPROX. FLUORO LEVEL			nd valve		E W					January Charles		STA. NAME/ID	

	11	10	9	8 /0	7 20	6	5 40	4	3 75	2 100	- tu		POS. TRIP DEPTH (m)		SEC TEMP SN 34	SEC COND SN 40	PRI TEMP SN 34	PRI COND SN 40	PRESS SN 94	TYPE & SN	CTD	06/884	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
											27	PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			5 . 2 2 2	MZ	LATITUDE	Dyson
												E PRI. TEMP.	CTD C	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD.	16710.12	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES	1.4	X WETStar F	**on primary T/C**					JD/TIME	2 w 0 9 may 1 3	DAY MO YR	DATE JD=	PROJECT & LEG
			•		•	*	٠			,	•	-PRI-GALINITY	RVALUES		X WETStar FLUOR S/N 868	y T/C**			DY1305	Tape/Diskette/DVD ID		1040	HR MIN	TIME DR	EG
			1496	1495	1494	1493	1492	1491	1490	1489	3841	<u>*</u>			X O2 S/N 0910 (sec)	1					DATA LOCATION	1.390	(°C) (%)	DRY BULB (AIR RELATIVE TEMP) HUMIDITY	-
-											0386	SAL. NO.			ec) X O2 S/N 0904 (pri)]			CTD	File Name/Header	TION	22	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DIN UND	
				_								OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =				REMARKS	2	(kts) * * *	SPD TRUE CLOUD (amt) TYPE	STATION DESIGNATION
												CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH= 123				S	136	(m)	BOTTOM DEPTH	GNATION
												APPROX. FLUORO LEVEL			d valve		ж			are removement we could have $\hat{\theta}$ -dails $\hat{\phi}$ -dails $\hat{\phi}$ -dr-dr-dr-dr-dr-dr-dr-dr-dr-dr-dr-dr-dr-				STA. NAME/ID	

12	11	10	9	8	7	on (c)	+	5 40	4 77	3 75	2 100	1 (30)		POS. DEP	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	062		CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
			<u> </u>	0	C	30		0	S	7	0	+		DEPTH (m)		_				_	_		\(\frac{1}{2}\)	DEG N	A	Oscar D
:						-		:				124	PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			. 9 -4 -4 N	MIN	LATITUDE	yson
													RE .		×	Ļ]	AT SURFACE	AT DEPTH	START	DATA ON	TIMES) 67	DEG		
													PRI. TEMP		ALTIMETER	PAR S/N 4242		RFACE	H	START DOWN	N		(V).	MIN	LONGITUDE	
													EMP.	00 010	Ä	1242					1	JD/TIME	W W	Z	DE	
							Ī						SEC	NVERTE		×	1						2	DAY	DA	0 0
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FLUOR S/N 868	on pri		ļ			•	WQ 2 1		DATE JD=	PROJECT & LEG
									_		V	X	2.g	FOR VAL		ar FLUOF	**on primary T/C**				Тар		ω	YR HR	(G T	& LEG
		ì	X	X	X	Х			X	۸	N.		PRI. SALINITY	CES		S/N 868	#			DY1305	e/Disket		S) W P	MIN	TIME D	
							_	i]		·		Tape/Diskette/DVD ID	_	1.17	(°C)	DRY BULB (AIR TEMP)	
			157	1504	1503	1502	1201	13	1500	149	36hl	1497	SEC. SALINITY			X 02 S/N 0910 (sec)		: : !			ō	DATA LC	<u>00</u>	(%)	RELATIVE HUMIDITY	
	•		525	×	w	9		2	00	9	, ·	7	THE T			10 (sec)				CTD	File Na	LOCATION	25	(mb)	PRESSURE	-
						T	T						SAL			× 02]				File Name/Header			*	SEA STATE VISIBILITY	
													SAL. NO.			X O2 S/N 0904 (pri)					ider		0 2 0	(deg)	TRUE WIND DIR.	
			° (v										OXYGEN NO.	SAMPLI		4 (pri)		2	į			20	<u>と</u>	(kts) *	SPD TRUE CLOUD (amt)	STATIC
			_										N O	E BOIL]	MAX. DEPTH =				REMARKS		*	TYPE WEATHER	N DES
													CHL (ml)	SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		nex.				S	13 7	(m)	BOTTOM DEPTH	STATION DESIGNATION
													APPROX. FLUORO LEVEL			leed valve		124 m							STA. NAME/ID	

12	11	10	9	8	7 20	6,30	5 4	4	3	2 100	-1 (00 (2)		POS. TF		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0633	D	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
				2	0	0	40	3	٦	0	7		TRIP DEPTH (m)		N 3+ S/N 4379	N 4C S/N 3127	3+ S/N 2376	N 4C S/N 2985	9+ S/N 0772			5533	DEG MIN	LATITUDE	Oscar Dyso
									· ·		40	PRESSURE			4379	3127						1 4 z		DE .	ň
														X ALTIMETER	PAR S]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1674	DEG	LONG	
												PRI. TEMP.	CTD C	ETER	PAR S/N 4242		ΙΉ		≨ 		JD	45 52	ME	LONGITUDE	
												SEC	ONVERTE		×	1					JD/TIME	2 w 0 9 may	DAY	DAT	모
			:									SEC. TEMP.	CTD CONVERTED MONITOR VALUES		WETStar F	**on primary T/C**					(a 4 1 3	MO YR	DATE JD=	PROJECT & LEG
			•	-		-		٠	•	•	•	PRI. SALINITY	R VALUES		X WETStar FLUOR S/N 868	y T/C**			DY1305	Tape/Dist		1420	HR MIN	TIME (GMT)	EG
												\vdash]			305	Tape/Diskette/DVD ID		1.9	(ငိ)	DRY BULB (AIR TEMP)	
			1575	151	1512	151	1570	150		1507	1506	Nutruent's			X O2 S/N 0910 (sec)						DATA LOC	85	(%)	RELATIVE HUMIDITY	
			4	٠	<i>γ</i> 2			8	20	2					(sec)]			CTD	File Name/Header	LOCATION	85	(mb) *	PRESSURE SEA STATE	
				30 T								SAL. NO.			X 02 S/N 0904 (pri)			:		Header		0 25	* (deg)	VISIBILITY DIR. VIND	
						7.	0	0	4			OXYGEN NO.	SAMPLE BOTTLE NUMBER)4 (pri)		MAX		-		REN	24	(kts) * *	SP TRUE D. CLOUD (amt) TYPE	STATION DESIGNATION
													OTTLE N		Clean]	MAX. DEPTH =				REMARKS	1	*	WEATHER	DESIGNA
												CHL (ml)	UMBER		Cleaned air bleed valve		= 127					∞ ⊘	(B)	ВОТТОМ	TION -
												APPROX. FLUORO LEVEL			d valve		з							STA. NAME/ID	

VESSEL NOAA R/V Oscar Dyson		PROJECT & LEG	G			STATION DESIGNATION	IGNATION	
CONSC LATITUDE	LONGITUDE	DATE JD=	DRY BULB TIME (AIR (GMT) TEMP)	JLB RELATIVE Y) HUMIDITY	PRESSURE SEA STATE VISIBILITY DIR.	SPECTOUD (amt) CLOUD (amt) TYPE WEATHER	BOTTOM DEPTH	STA. NAME/ID
DEG	DEG MIN	Ϋ́R	Z	(%)	(mb) * * (deg)	*	(m)	
N.	16804 27	w09 may 13	6212	3	22 012	25	2	
CTD	TIMES JD/TIME			DATA LOCATION	N	REMARKS	S	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header			
PRESS SN 9+ S/N 0772	START DOWN		DY1305	0	СТВ			
PRI COND SN 4C S/N 2985	AT DEPTH							
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DEPTH =	201	в
SEC COND SN 4C S/N 3127	1	**on primary T/C**	T/C**	•]]		
SEC TEMP SN 3+ S/N 4379	PAR S/N 4242	X WETStar FLUOR S/N 868		X O2 S/N 0910 (sec)	c) X O2 S/N 0904 (pri)		Cleaned air bleed valve	d valve
	X ALTIMETER							
POS. TRIP DEPTH (m)	CTD CO	CTD CONVERTED MONITOR VALUES	VALUES			SAMPLE BOTTLE NUMBER	LE NUMBER	
PRESSURE	RE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	White ents	Y SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 1307			٥	1515		· 43		
2 /50			0	P 1				
3 100			٥	1577				
4 75			•	1518				
5 50				1519				
6 40			0	1520				
7 30				1521				
8 20			٥	1522				
9			0	1523				
ô O				1524				
1								
12								

12	11	10	9	œ	7	ြ	ر س	4	ω	2			POS		SEC	SEC	PRI	PRI	PR	- TYF	CTD	0		္ င္ပ	N VE
0	10	20	30	40	8		150	200	300	\vdash	الم الم		S. TRIP DEPTH (m)		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	Ü	555	묘	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
_			0			0	0	Ö	0	8	1		(A)						9+ <u>S</u>			حو	DEG MIN	LATI	scar Dy
												PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			9) -E	Z	LATITUDE	son
												SURE		×		<u> </u>	AT S	L AT	STA	DAT	TIMES	2	DEG		
												PA		ALTIMETER	PAR S	•	AT SURFACE	AT DEPTH	START DOWN	DATA ON	S	0/0	6	LONG	
												PRI. TEMP	CTE	ETER	PAR S/N 4242		m		ž			<u>.</u> ယ	<u>≤</u>	LONGITUDE	
L					_	<u> </u>				<u> </u>			CONV								JD/TIME	W O	DAY		-
												SEC. TEMP	RTED		×]						9 100 4	MO MO	DATE JD=	PROJE(
												EMP.	MONITO		ETStar F	**on primary T/C**		•	•	•	•	1 3) K	JD=	PROJECT & LEG DY1305
												PRI. S	CTD CONVERTED MONITOR VALUES		X WETStar FLUOR S/N 868	ŋ T/C**		į		Tape/I		1738	HR MIN	TIME (GMT)	
×	ン	X	X	X	X	X	X	×	X	Y	X	DÎ (PRI. SALINITY	ii.		/N 868				DY1305	Tape/Diskette/DVD ID		\Box	T		-
		œ.					\vdash	-		\vdash		. >			× 02]) DVD IC	0	2 5	ြိ	9 6	
1536	1535	1534	1533	1532	153	154	1529	1528	150	15.26	525	SEC-SAT			X O2 S/N 0910 (sec)					J	DATA LO	<u>مح</u>	(%)	RELATIVE HUMIDITY	
5	Ч	4	(J)	رم		<u> </u>	2		24	8		SACINITY			0 (sec)				CTD	File Name/Header	LOCATION	22	(mb)	구유 PRESSURE	-
					-		 				0.03	SAL			× 02]				me/Hea			*	SEA STATE VISIBILITY	
											00	SAL. NO.			X O2 S/N 0904 (pri)					der		01/6	(deg)	- ···	
5)	· 37										į	OXYGEN NO.	SAMPLE		4 (pri)		3				20	<u>m</u>	(kts)		STATIO
	O				L	_						N N O	: BOI II		Č	3	MAX. DEPTH =				REMARKS		*	TYPE WEATHER	N DESIG
												CHL (ml)	SAMPLE BOTTLE NUMBER		leaned a		= HTc				S	49	(E)	BOTTOM DEPTH	STATION DESIGNATION
													֓֟֡֟֟֓֓֓֓֓֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓		Cleaned air bleed valve		2817		5			half-order FE-F			^z
												APPROX. FLUORO LEVEL			raive		3							STA.	



12	11 /0	10 20	9 30	8 40	7 50	6 /00	5	+	4 706	3 530	2 750	1 B. 7		POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0665	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
						0	D	y ł.	0	0	Q	480	PRESSURE	(3)		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			5521.31N	MIN	LATITUDE	car Dyson
			1										RE PRI. TEMP.	CTD C	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD.	16812.9	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES		WETStar FLUOR S/N 868	**on primary T/C**			;		JD/TIME	5 W 0 9 M A Y 1 3	DAY MO YR	DATE JD=\20	PROJECT & LEG
1548	1547	1546	1505	1594	1543	1542	1750	4	19451	1539	1538	1537	Nutrients PRI-SALINITY	VALUES			/T/C**		2	DY1305	Tape/Diskette/DVD ID		19 53 2	HR MIN (°C)	TIME (AIR (GMT) TEMP)	EG
X	X	Υ .	Z	X	×	×	′X	,	<	X	X.	X	SEC. SALINITY			X O2 S/N 0910 (sec)	J			 		DATA LOCATION	8 8 1 2 3) (%) (mb)	RELATIVE	
													, SAL. NO.) X O2 S/N 0904 (pri)]			CTDAGG	File Name/Header	Ž	0119	* (deg)	PRESSURE SEA STATE VISIBILITY DIR.	
ý							+					8H,	OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =				REMARKS	9.7 F	(kts) * * *	PD D G CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
													CHL (ml)	ENOMBER		Cleaned air bleed valve		 					980	(m)	BOTTOM	NATION
													APPROX. FLUORO LEVEL			valve		3							STA. NAME/ID	

12 0	11 10	10 20	ဖ ပ ်	8 45	7 50	6 100	30	\dashv	(7)	3 750	2 1000	1 \50\		POS. TRIP DEPTH (m)		SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN 3	PRI COND SN 4	PRESS SN 9	TYPE & SN	CTD	0678507	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
													PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			1 . O . N	MIN	LATITUDE	r Dyson
						190							E PRI. TEMP.	CTDC	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD.	16830.32	DEG MIN	LONGITUDE	
								ċ					SEC. TEMP.	CTD CONVERTED MONITOR VALUES		WETStar FLUOR S/N 868	**on primary T/C**					JD/TIME	2 W 0 9 M A Y 1 3	DAY MO YR	DATE JD=129	PROJECT & LEG
٥	9	q	0	0	9	0	G	3	0	•	•	3	PRI-SALINITY	RVALUES			•			DY1305	Tape/Diskette/DVD ID		2 07 6	HR MIN (°C)	TIME (AIR (GMT) TEMP)	.EG
5 5	1559	1558	スススム	1856	カラのの	ころのエ	170	F F F F F F F F F F F F F F F F F F F	1550	\J\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1550	1849	SEC. SALINITY			X 02 S/N 0910 (sec)	•			СП		DATA LOCATION	14924	(%) (mb)	RELATIVE PRESSURE	
			:									289	SAL. NO.			0910 (sec) X O2 S/N 0904 (pri)]			CIDOGA	File Name/Header		000) * * (deg)	SEA STATE VISIBILITY DEFENDE	-
								• 60	65.		. 56	. 54	OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		TLAX	338	REMARKS	0	(kts) *	SPECIAL SECTION OF THE SECTION OF TH	STATION DESIGNATION
													CHL (ml)	TLE NUMBER		Cleaned air bleed valve	-	EPTH =		TLAKE TOP	SEC OXUGEN 1	KS	130	(m)	BOTTOM	SIGNATION
													APPROX. FLUORO LEVEL			ed valve		3		7 250	L0045				STA. NAME/ID	

12	1 0	10	2 2 0	8.A. HOL	7 BO	6 /00	5 150	4 500	3 750	2 1000	1 1503	:	POS. TRIP DEPTH (m)		SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN 3	PRI COND SN 4	PRESS SN 9	TYPE & SN	CTD	0685458	DEG	CONSC CAST# L	VESSEL NOAA RIV Oscar Dyson
												PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			- 5 2	SZ	LATITUDE	Dyson
												E PRI. TEMP.	CTD CC	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16845.68W	DEG MIN	ONG	
		,										SEC. TEMP.	CTD CONVERTED MONITOR VALUES		WETStar FLUOR S/N 868	**on primary T/C**				2	IME	10mpy 13	DAY MO YR	DATE JD=	PROJECT & LEG
	0	*	4	*	*		ै		*	•	*	-PRI-SALINITY	VALUES			,T/C**			DY1305	Tape/Diskette/DVD ID		0136 2.	HR MIN (°C)	ME DR	<u> </u>
1512-10	1541	0651	1569	J. 50	15/2/	1566	一次のパ	1564	いからか	2751	1861	SEC SALINITY			X 02 S/N 0910 (sec)				СТВ		DATA LOCATION	8024	(%) (mb)	REE	
SAMP												SAL. NO.			X O2 S/N 0904 (pri)]		ر	CIDOPS	File Name/Header		0 10	* * (deg)		
							H'H				なり	OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =	1			REMARKS	رو	(kts) * * *	CLOUD (amt)	STATION DESIGNATION
												CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH =	@ 30 m	JO SAME		S	0 0	(m)	ВОТТОМ	IGNATION
												APPROX. FLUORO LEVEL			3d valve		3		A) E				- 1	STA.	

	11 12	10 NO	9 30	8 #5	7	1	+	5 120	4 300	3 150	2 1000	1 1503		POS. TRIP DEPTH (m)		SEC TEMP SN 3	SEC COND SN	PRI TEMP SN	PRI COND SN 4	PRESS SN S	TYPE & SN	CTD	0 9 5 4 4	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
													PRESSURE	_ 3 _		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			10.08 N	MIN	LATITUDE	r Dyson
													E PRI. TEMP.	CTD C	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON		16911.971	DEG MIN	LONGITUDE	
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES		X WETStar FLUOR S/N 868	**on primary T/C**					JD/TIME	7 W - OMA 4 13	DAY MO YR	PC = dr alvd	PROJECT & LEG
***	4	re ·	0	٠	0	•		4	0	•	•	•	PRI- SALIMITY	VALUES	: :		, T/C**			DY1305	Tape/Diskette/DVD ID		0 5 5 5 7	HR MIN (°C)	TIME (AIR (GMT) TEMP)	EG
八八八八	になら	ノガペン	1500	1300	0E31	るとらい		たたる	(536	1515 1515	1574	/551/2	SEC. SALINITY			X 02 S/N 0910 (sec)			1	СТІ		DATA LOCATION	58 O	(%) (mb)	문 문	-
											300		SAL. NO.			X O2 S/N 0904 (pri)	3			CIDORA	File Name/Header	-	0	* (deg)	SEA STATE VISIBILITY DE TO	
エエ								-	いとと				OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =			***************************************	REMARKS	0	(kts) * * *	SET TO SE	STATION DESIGNATION
				!									CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH =				ŝ	1691	(m)	BOTTOM DEPTH	IGNATION
													APPROX. FLUORO LEVEL			ed valve		3							STA.	1

\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		1200 1204 0 1	; 					STATION DESIGNATION	NONTION	
NOAA RIV Oscar Dyson		DY1305		-		-				
				ᇤ	<u> </u>	SSURE A STATE SIBILITY	TRUE	UD (amt)		27
CAST # LATITUDE	LONGITUDE	PATE JD=\يم	(GMT)	TEMP)	HUMIDITY	SE/	1	SPD. CLO	DEPTH	NAME/ID
DEG	DEG MIN	DAY MO YR	HR MIN	ී	(%)	(mb)	(deg)	(kts) * * *	(m)	
07054 9.99 N	16950.11	XW 10 MP 4 1 3	0950	<u>১</u> ১	& 3 •	7	026	9	1 855	
CTD	TIMES JD/TIME	IME		DA	DATA LOCATION	ž		REMARKS	KS	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID	e/DVD ID	File I	File Name/Header	ader	<i>%</i>	Went	bed @ & m
PRESS SN 9+ S/N 0772	START DOWN		DY1305		່ ຸ	CTD		200	an now	
PRI COND SN 4C S/N 2985	AT DEPTH				' 				9	And the second s
PRI TEMP SN 3+ S/N 2376	AT SURFACE							MAX. DEPTH =	EPTH = 149	E A
SEC COND SN 4C S/N 3127		**on primary T/C**	T/C**]]		1		
SEC TEMP SN 3+ S/N 4379	PAR S/N 4242	X WETStar FLUOR S/N 868	.UOR S/N 868	X 02 8	X O2 S/N 0910 (sec) X O2 S/N 0904 (pri)	×	2 S/N 09	04 (pri)	Cleaned air bleed valve	ad valve
	X ALTIMETER									
POS. TRIP DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES					SAMPLE BOTTLE NUMBER	ICE NOMBER	
PRESSURE	RE PRI. TEMP.	SEC. TEMP.	PRI: SALINITY		SEC. BALINITY		SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX. FLUORO LEVEL
1 1500 1497	,		0		1581			578		
2 /000			0		17.05			-		
3 750			0		一次公山					
4 500			9		\5000 5000 5000			. 51		
5 /50			P		19789					
6 /00			p		1590					
7 50			0		1591					
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9 30			6		でもい					
10 20			10		4651					
11 10			0		1595					
12 0		399	pl.		1596					

PG 30 OF ___

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		39)	1607	0					10	⇉
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			1605				2		30	9
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	0 4		1599	*					750	ω
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	30		1597		,			1501	1500	_
APPROX. FLUORO CHL (ml) LEVEL	NO.	SAL. NO.	SEC. SALINITY	PRI. SALINITY	PRI.	SEC. TEMP.	PRI. TEMP.	PRESSURE		
	SAMPLE BOTTLE NOMBER			o.	R VALUE	CTD CONVERTED MONITOR VALUES	CTD CO		TRIP DEPTH (m)	Pos.
							ALTIMETE	×		
Cleaned air bleed valve		X 02 S/N 090	X O2 S/N 0910 (sec) X O2 S/N 0904 (pri)		-LUOR S/	X WETStar FLUOR S/N 868	PAR S/N 4242	3+ S/N 4379	SEC TEMP SN 3+	SEC T
]]]	ry T/C**	**on primary T/C**	•	4C S/N 3127	SEC COND SN 4C	SEC C
1=/50/ m	MAX. DEPTH =						AT SURFACE	3+ S/N 2376 AT S	PRI TEMP SN 3+	PRI TE
	200 m		1				AT DEPTH	4C S/N 2985 AT [PRI COND SN 4C	PRI CO
fast bofare	down to		CTD	DY1305	9		START DOWN	9+ S/N 0772 STA		PRESS SN
perator wen	Wincho	File Name/Header		Tape/Diskette/DVD ID	Tape/D	16	DATA ON	DAT	TYPE & SN	TYPE
/	REMARKS		DATA LOCATION	_		Mm	S JD/TIME	TIMES		СТВ
%	15 1118	0 - &	84. 28	6 2 3	ري	10 May 1 3	934.17w	2 - 08 N/6	115116	20
(B)	(kts) * * *	* (deg)	(%) (mb)	(°C)	HR MIN	DAY MO YR	MIN	MIN DEG	DEG	
BOTTOM STA. DEPTH NAME/ID	WEATHER	SEA STATE VISIBILITY DIR.	RELATIVE PRESSURE	DRY BULB (AIR TEMP)	TIME (GMT)	DATE JD=	LONGITUDE	LATITUDE		CONSC CAST #
TION	STATION DESIGNATION				Ee	PROJECT & LEG DY1305		yson	VESSEL NOAA R <i>IV Oscar Dyson</i>	VESSEL NOAA R

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PG <u>//</u> OF ___

PROJECT & LEG	PROJECT & LEG DY1305 TIME DATE JD= TIME TIME TIME TIME THEMP) HUMIDITY DATA LOCATION Tape/Diskette/DVD ID The Name/Header DY1305 TD CONVERTED MONITOR VALUES TD CONVERTED MONITOR VALUES TAPE/DISKETTED MONITOR VALUES TO CONVERTED MONITOR VALUES TO CONVERTED MONITOR VALUES TAPE/DISKETTED MONITOR VALUES TO CONVERTED MONITOR VALUES TO CONVERTED MONITOR VALUES TAPE/DISKETTED MONITOR VALUES TO CONVERTED MONITOR VA
BERY BULB CAIR TEMP) HUMIDITY PRESS STBILL SS STBILL TRUE T	BESS X O2 S/N 0910 (sec) ALINITY BEG-SALINITY ALINITY BEG-SALINITY ALINITY BEG-SALINITY BEG-S
RELATIVE RESIDENTIAL COLOR OF THE NAME HEAD CATION DESIGNATION OF THE SPD. CLIP WIND OF	STATION DESIGNATION RELATIVE SUBJECT TRUE TRUE OF THE NUMBER (%) (mb) * * (deg) (kts) * * (m) File Name/Header CTD THE Name/Header CTD SAMPLE BOTTOM REMARKS 2° 0 4 (m) (m) (m) (m) (m) (m) (m) (m
SAMPLE BOT SAMPLE	STATION DESIGNATION JE TRUE QUE AND WIND ON PROPERTY OF SPD. CLE WIND DEPTH NO CHL (ml) O904 (pri) Cleaned air bleed very control of the property of the pr
MAX D REM * CLOUD (amt) ON DE NO ON DE	ON DESIGNATION ON DESIGNATION ON DESIGNATION TYPE NAX. DEPTH ST 35 Cleaned air bleed v E BOTTLE NUMBER CHL (ml) EN NO. CHL (ml)



12	11	70	9	œ	7	თ	σı	4	ω	2 /	1		POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	073		CONSC CAST#	VESSEL NOAA R
0	10	30	ريو 0	40	50	100	1500	500	750	000	500	4	TRIP DEPTH (m)							SX		5335	DEG N		VESSEL NOAA R/V Oscar Dyson
											50	PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0772			N L b	MZ	LATITUDE	yson
										_		R		X ALT	I P]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	1691	DEG	ГО	
												PRI. TEMP	СТІ	ALTIMETER	PAR S/N 4242		ACE	,	NWO			94.0	ĭ Z	LONGITUDE	
							<u> </u>		<u> </u>				CONVER						ļ	=1	JD/TIME	0 W / 0	DAY	_	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		WETS	**on pr					•	1224	S	DATE JD=	PROJECT & LEG DY1305
	4	ь	ø	0	×	,	ð	•:	•	*	9		ITOR VALI		WETStar FLUOR S/N 868	**on primary T/C**		T	<u> </u>	Таре		13/9	F	ତ୍ରି 🛮	「& LEG
												PRI: GALINITY	UES		S/N 868	*			DY1305	Tape/Diskette/DVD ID		3	S Z		_
											_	. >			X 02 S]				/DVD ID	DATA	3	(Ĉ) E	\square
1630	1631	1630	1139	1628	1627	1626	1625	1624	623	1622	62/	SEC SALINITY			X O2 S/N 0910 (sec) X O2 S/N 0904 (pri)					File	TA LOCATION	00 O	╃	₹ %	
											* :	2			ec)	3			CLD O.J.S	File Name/Header	Ö	<u>رو</u>	(mg)	PRESSURE SEA STATE VISIBILITY	 - -
		8									روو	SAL. NO.)2 S/N 090				i	eader		0 <i>I</i>	(deg)	TRUE WIND	-
												OXYGEN NO.	SAMPLE BOTTLE NUMBER)4 (pri)		MA			16	곢	6	(Kts)	SENT CLOUD (amt	STATION DESIGNATION
													BOTILET		Clea]	MAX. DEPTH =	-	Acop few	20 Co Jac	REMARKS			WEATHER	DESIGN
												CHL (ml)	NOMBER		Cleaned air bleed valve		<u> </u>			2		08	(E)	ВОТТОМ DEPTH	ATION
												APPROX. FLUORO LEVEL			ed valve		3			Som dans	3.30		-	STA. NAME/ID	

12 0	11 /2	10 20	9	8 <u>I</u> 0	7 50	6 100	5 150	4 500	3 450	2 1050	1 1507		POS. TRIP DEPTH (m)		SEC TEMP SN 34	SEC COND SN 40	PRI TEMP SN 34	PRI COND SN 40	PRESS SN 9+	TYPE & SN	CTD	0 11 5 0 0	DEG	CONSC	VESSEL NOAA R/V Oscar Dyson
												PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376 A	4C S/N 2985 A	9+ S/N 0772 S			ر. الع الا		LATITUDE	Dyson
												PRI. TEMP.	CTD CC	X ALTIMETER	PAR S/N 4242]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/I	6 8 5 F F O W	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES		WETStar FLUOR S/N 868	**on primary T/C**					JD/TIME	V 10 3 P 5 1 3	DAY MO YR	DATE JD=	PROJECT & LEG DY1305
	1	•	*			·	-	20	-	Ĩ		PRI-SALINITY-	VALUES			_	ŀ		DY1305	Tape/Diskette/DVD ID		1463	HR MIN (°C)	DRY BULB (GMT) TEMP)	EG
1544	5491	1642	1641	0491	PE 21	8891	上公司	1636	1635	HE 91	ころろう	SEO: SALINITY			X O2 S/N 0910 (sec) X O2 S/N 0904 (pri)	-			CTD		DATA LOCATION	व न १ ३ १	(%) (mb)	프쥬	
							10 10 10					SAL. NO.			X 02 S/N 090]			CID D'AH	File Name/Header		0	* (deg)	SEA STATE VISIBILITY DIR TR	
												OXYGEN NO.	SAMPLE BOTTER NOMBER			3	MAX. DEPTH =		D kangen	585 (REMARKS	ريو	(kts) * * *	S E T S E E CLOUD (amt TYPE WEATHER	STATION DESIGNATION
												CHL (ml)			Cleaned air bleed valve		PTH =		10 m	02 failes	S	18 2	(E)	BOTTOM DEPTH	GNATION
												APPROX. FLUORO LEVEL			d valve		3		032	aus.ia				STA. NAME/ID	

12 0	11 10	10 JO	9 30	8 40	7 50	6 100	5 - 50	4 181	ω	2	1		POS. TRIP DEPTH (m)		SEC TEMP SN 3+ S	SEC COND SN 4C S	PRI TEMP SN 3+ S	PRI COND SN 4C S	PRESS SN 9+ S	TYPE & SN	CTD		DEG N	CONSC LAT	VESSEL NOAA RIV Oscar Dyson
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			,					(0 5-6-6-1-3	E FIRST		PRI. TEMP.	стр сс	X ALTIMETER	PAR S/N 4242	1	AT SURFACE	AT DEPTH	START DOWN	DATA ON		6841.5HW	DEG MIN	LONGITUDE	
									JAKE D	2 3877		SEC. TEMP.	CTD CONVERTED MONITOR VALUES	put on for	X WETStar F	**on primary T/C**				125	JD/TIME	V 10 10 8 4 1 3	DAY MO YR	DATE JD=	PROJECT & LEG
									JOHN LINE	415 70		DIC DICE	RVALUES	HAT KEUT CAUT	X WETStar FLUOR S/N 868	y T/C***			DY1305	Tape/Diskette/DVD ID		2) (ひ) (ひ)	HR MIN	M E	,rG
1652	1651	1650	11.49	8491	81121	E-H-211	1646	16H5	DOWN TO	とるグーシャス	,	Y SEC. SALINITY		191	X O2 S/N-0910 (sec) X O2 S/N 0904 (pri)]					DATA LOCATION	77 71 73	(°C) (%) (mb)) HUMIDITY	
			×.					394	\$13×57	Y (2)	1	SAL. NO.	co.		X 02 S/N 0904]			CLD 032	File Name/Header	Z	000000000000000000000000000000000000000	(deg)	SEA STATE VISIBILITY DIR RUE	
									Vario 5	1003		OXYGEN NO.	SAMPLE BOTTLE NUMBER		_]	MAX. DEPTH =			Oz vol	REMARKS	0	(kts) : : :	CLOUD (amt)	SIXIION DEGICAL
								ONSKEY	TRIPPING	TRYPAIR		CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH = 199			War compor &	S	رو 0 س	(m)	BOTTOM DEPTH	
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