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,	19, 1, oht)en	th max			P	1		1	ŧ		The Contract of the Contract o		DEPTH (m)		MP SN	ND SN	MP SN	ND SN	SN	NS.		127	DEG	# Ö ,	VESSEL NOAA R/V Oscar Dyson
-	E S	2	2 18 0 8 5		<u> </u>				_	<u> </u> 	*		<u> </u>		3+ S/	4C S/	3+ S/	4C S/	9+ S/			تر)	MIN	LATII	car Dy:
		300	×							-		PRES		,	3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			رو	z	ATITUDE	SON
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-									\vdash		$\ \cdot\ $			X FLL	PA]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	তা গু	DEG	5	
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					,						}	C. SALINITY		O2 S/N 0910 (2°)	N 0904 (1°)			1		<u> </u>	DATA LOCATION	•	(%)	RELATIVE HUMIDITY	
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			•							-	b	SAL. NO.		× Altin	Trar	j			0	⊮e/Hea		(V)	*	SEA STATE VISIBILITY	
								i				NO.		Altimeter	N/S SI					der		57	(deg)	TRUE WIND DIR.	
		4										элхо	SAMPL		Trans S/N 1066PR					_		<u>_</u>	(kts)	SPD TRUE CLOUD (amt)	STATI
		٠										OXYGEN NO.	.E BOI			1	MAX. D	FERF		CHI	REMAR		*	CLOUD (amt) TYPE WEATHER	ON DE
												Ç	I LE N		Clean	•	MAX. DEPTH =			CHINIAK	KS7				STATION DESIGNATION
												CHL (ml)	SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		"	attenched	* つかいれて	7	REMARKS TRICK TO TECON	S	(m)	BOTTOM DEPTH	TION
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												APPROX. FLUORO LEVEL			6		3		000	1108	000			STA. NAME/ID	
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		9																			,				

CONSC	CC (%) (mb) * (deg) (kts) * * * (m) CE C	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S PRI. TI	3+ S/N
PROJECT & LEG PROJECT & LE	CC)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S PRI. TI	3+ (m) 3+
CATIFUDE CONGITUDE DATE JD=\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	CC)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S PRI. TI	3+ S/N
PROJECT & LEG PROJECT & LE	CO (%) (mb) (deg) (kts) (hts) (hts) (mb) (mb) (deg) (kts) (mb) (mb) (mb) (deg) (kts) (mb) (mb) (deg) (kts) (mb) (mb) (deg) (kts) (mb) (mb)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S PRI. TI	3+ S/N
STATION DESIGNATION PROJECT & LEG PROJEC	(°C) (°%) (mb) (deg) (kts) (ct) (m) (mb) (deg) (kts) (ct) (m) (mb) (deg) (kts) (ct) (m) (deg) (kts) (ct) (ct)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S PRI. TI	3+ S/N
PRESSURE PRI TEMP. PRI SALINITY SEC. SALINITY SAL NO. OXYGEN NO. CHL (m)) PRESSURE PRI TEMP. PRI SALINITY SEC. SALINITY SEC. SALINITY SAL. NO. OXYGEN NO. CHL (m)) PRESSURE PRI TEMP. PRI SALINITY SEC. SALINITY	(°C)	AT SURFACE X PAR S/N 4 X FLUORO 8 SURE PRI. TI	3+ S/N
PRESSURE PRI TEMP. SEC. TEMP. PRI SALINITY SEC. SALI	(°C)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S SURE PRI. TI	1 (m) 3+ S/N
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PROJECT & LEG PROJECT & LE	CC)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S SURE PRI. TI	1 (m) 3+ S/N
STATION DESIGNATION	(°C) (%) (mb) * (deg) (kts) * * (m) (mb) (kts) * * (m) (mb) (kts) (mb) (kts) (mb)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S SURE PRI. TI	(m) 3+ (s/A)
PROJECT & LEG PROJECT & LE	(°C) (%) (mb) * (deg) (kts) * * * (m)	AT SURFACE AT SURFACE X PAR S/N 4 X FLUORO S SURE PRI. TI	P (m)
PROJECT & LEG PROJECT & LE	(°C) (%) (mb) * * (deg) (kts) * * * (m)	AT SURFACE X PAR S/N 4 X FLUORO S	
STATION DESIGNATION	(°C) (%) (mb) * * (deg) (kts) * * * * (m)	AT SURFACE X PAR S/N 4 X FLUORO S	. ☆ 꾀 .
STATION DESIGNATION STATION DESIGNATION DESIGNATION STATION DESIGNATION DESIGNATION DESIGNATION DESIGNATION DESIGNATION DESIGN	(°C) (%) (mb) * * (deg) (kts) * * * * (m)	AT SURFACE X PAR S/N 4 X FLUORO S	느 이 .
STATION DESIGNATION	(°C) (%) (mb) * * (deg) (kts) * * * * (m)	AT SURFACE X PAR S/N 4 X FLUORO S	Ι.
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STATION DESIGNATION STATION DATE JD=\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MO YR HR MIN (°C) (%) (mb) * * (deg) (kts) * * * * * (m)		
STATION DESIGNATION	MO YR HR MIN (°C) (%) (mb) * * (deg) (kts) * * * * (m) A P R 1 2 0 8 1 1 5 5 79 . 0 3 0 9		
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SEL ARV Oscar Dyson PROJECT & LEG DY1204 INT BY ST LATITUDE LONGITUDE LONGITUDE LONGITUDE LONGITUDE DATE JD=\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MO YR HR MIN (°C) (%) (mb) * * (deg) (kts) * * * (m) A P R 1 2 O S \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
SEL ARV Oscar Dyson PROJECT & LEG DY1204 PROJECT & LEG DRY BULB LONGITUDE LONGITUDE DATE JD=\\8 (GMT) DRY BULB CONGITUDE DATE JD=\\8 (GMT) TEMP) DRY BULB CONGITUDE DATE JD=\\8 (GMT) DRY BULB CONGITUDE DATA LOCATION DRY BULB CONGITUDE DATA LOCATION DRY BULB CONGITUDE DATA LOCATION STATION DESIGNATION DRY BULB CONGITUDE DATA LOCATION STATION DESIGNATION REMARKS STATION DESIGNATION REMARKS	MO YR HR MIN (°C) (%) (mb) * * (deg) (kts) * * * (m) A P R 1 2 O S N N 5 . 5 7 9 . 0 2 0 3 3 0 9		
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PROJECT & LEG DY1204 STATION DESIGNATION E LONGITUDE DATE JD=\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MO YR HR MIN (°C) (%) (mb) * * (deg) (kts) * * * (m) A P R 1 2 O S \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
PROJECT & LEG DY1204 STATION DESIGNATION E LONGITUDE DATE JD=\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	MO YR HR MIN (°C) (%) (mb) * * (deg) (kts) * * * (m)	3 N 15442.01W	ス 5 1 2 8
PROJECT & LEG DY1204 STATION DESIGNATION BY1204 DRY BULB DRY BULB SO S		DEG MIN DAY	DEG
PROJECT & LEG DY1204	TIME (AIR RELATIVE SSITE VIND WIND OUD (amt) YPE VIND VIND VIND VIND VIND VIND VIND VIND	LONGITUDE	_
			VESSEL NOAA R <i>IV Oscar Dysor</i>

2 150 3 100 5 4 50 6 30 7 20 10 9 8 10										L	1		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 0291	TYPE & SN	CTD	0035731.	DEG	CONSC ATITIONS	VESSEL NOAA R/V Oscar Dyson	
PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE	PRESSURE			×	<u> </u>	3127				DATA ON	TIMES	POH N N B F	DEG	<u> </u>	מ	
												PRI. TEMP.	01000	FLUORO S/N 867	X PAR S/N 4603		AT SURFACE	AT DEPTH	START DOWN		S JD/TIME	1	MIN			
												SEC. TEMP.	CID CONVERTED MONTOR VALUES	ISUS S/N 141	pH S/N 180606]					ME	27APR	DAY MO YR	DATE ID=1/9	PROJECT & LEG DY1204	
												PRI. SALINITY	K VALUES	41	0606				DY1204	Tape/Diskette/DVD ID		4160	HR MIN	TIME	LEG	
												/ SEC. SALINITY		^ O2 S/N 0910 (2°)	X 02 S/N 0904 (1°)]			 		DATA LOCATION	- 00		DRY BULB (AIR RELATIVE		
											بو	ITY SAL NO.		2º) X Aitimeter]			CTD 003	File Name/Header	NOI		(mb) *	PRESSURE SEA STATE VISIBILITY	-	
			222									OXYGEN NO.	SAMPLE BOTTLE NUMBER		N 1066PR	l	MAX. DEPTH =	77	and the same of th	CAC	REMARKS		(kts) * T	Z S TR Z S TR Z S TR Z D D (amt) YPE VEATHER	STATION DESIGNATION	
			2) 0 1)	28 29	28/	285	ม 20 20	886				CHL (mi)	LE NOMBER		Cleaned air bleed valve		EPTH =	しのグ		AIS 8	KS	211	(a)	ВОТТОМ	SIGNATION	
			5	5	王	نرَ	. 12		0	٥	\$2	APPROX. FEUGRO			d valve		3	2/1	1	56				STA.		

DOTE DATE	12	11 19, 14 60	10 ch/ max	9	8 10	7 20	6 30	5 40	4 750	3 \000	2 150	1 Unah		מיון	POS. TRIP	1	SEC TEMP SN 3+	SEC COND SN 4C	PRI TEMP SN 3+	PRI COND SN 4C	PRESS SN 9+	TYPE & SN	CTD	0045733	DEG	1_	VESSEL NOAA R/V Oscar Dyson
DY1204 DRY BULB		•											PRESSURE				3+ S/N 4379	4C S/N 3127	3+ S/N 2376 /	4C S/N 2985	9+ S/N 0291		<u>م</u> ــــ	- / エ N	Min	LATITUDE	Dyson
DRY BULB Cleaned air bleed					i					:					CTD CO.	FLUORO S	X PAR S/N 4603	1	AT SURFACE	AT DEPTH	START DOWN	DATA ON		رو ال		LONGITUDE	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
DRY BULB (AIR RELATIVE SINT STATE) (C) (%) (mb) * (deg) (kts) * * (m) DATA LOCATION X O2 S/N 0904 (19) X O2 S/N 0900 (29) X Altimeter SAMPLE BOTTLE NUMBER 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3													SEC. TEMP.		NVERTED MONITOR	Isus S/N 141	pH S/N 1806	l				 -	IME	APR1	MO YR	DATE JD=\\8	PROJECT & LEG DY1204
RELATIVE SS STATES TRUE TRUE DE HE SS STATES TRUE TRUE DE HE SS STATES VININD WIND DEPTH NUMBER SS STATES TRUE DEPTH NUMBER SS STATES TRUE DEPTH NUMBER SS STATES TO DEPTH SS STATES TO DEPTH STATES STATES STATES TO DEPTH STATES STATES STATES STATES TO DEPTH STATES ST											:				VALUES	×		I			DY1204	「ape/Diskette/DVD I	_		MIN		
JE TRUE DEPTH WIND OUT ON DEPTH NO. CHL (m) NO 1066PR SAMPLE BOTTLE NUMBER 288 288 288 288							:									0910 (2°)		ı			CTD			0		RELATIVE PRESSURE	
REMARKS REMARKS REMARKS Cleaned air bleed value of the property of the prop				44								•	<u> </u>		S.		Trans S/N 106	•				/Header				VISIBILITY TRUE DIR.	· ·
ed J						N		,				224	XYGEN NO.		MPLE BOTTL			l	MAX. DEP			NN.	REMARKS	0	ts) * * *	Ö 중 중 CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
NAME!				283	282	186	385	288					CHL (ml)		E NUMBER		leaned air blee	,-	TH =		_	8 STA	S	0 0	(m)	BOTTOM DEPTH	SNATION
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				025	_	023	. C22	021	020	510	٠ ٥/১	017	APPROX. PLUORO-				d valve		3			55				STA. NAME/ID	

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12	11	10	0	8	7 20	6 30	5 40	4 50	3 (00	2 150	1) >	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 0291	TYPE & SN	CTD	000000000000000000000000000000000000000	DEG MIN	CONSC CAST # LATITUDE	VESSEL NOAA R/V Oscar Dyson
		i										PRESSURE			×		3127				DAT	TIMES	UN ON ON	I DEG		on
									£	:		PRI. TEMP.		CTD CO	X FLUORO S/N 867	X PAR S/N 4603	•	AT SURFACE	AT DEPTH	START DOWN	DATA ON	ES JD/TIME	3000 - 66W	MIN	ONG	
												SEC. TEMP.		CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606]					ME	6W27APR12	DAY MO YR	ATE JD=	PROJECT & LEG
						,						PRI. SALINITY		R VALUES	×		1			DY1204	Tape/Diskette/DVD ID		1150	HR MIN (°C)	DR I	EG
						:	B B B B B B B					SEC. SALINITY			O2 S/N 0910 (2°)	O2 S/N 0904 (1°)	•			СТВ		DATA LOCATION	588. 02	(%) (mb)	는 R	
			ا- ار									SAL NO.			X Altimeter	Trans S/N 1066PR	1				File Name/Header	-	043) * * (deg)	SEA STATE VISIBILITY OR TR	
		,	. 219		×	3	,					OXYGEN NO.		SAMPLE BOTTLE NUMBER]	MAX. DEPTH =			SAIN	REMARKS		(kts) * * *	ELOUD (amt) TYPE WEATHER	STATION DESIGNATION
			ಎ೪೨	2) 83	281	285	282	288				CHL (ml)		E NUMBER		Cleaned air bleed valve		7TH =		-	8 STA 58	S	دو س ص	(m)	ВОТТОМ	SNATION
			1.60.	1037	.032	. 031	.030	. 029	800.	,027	- 026	#PPROX.	Ziciu			d valve		3			00				STA. NAME/ID	

200 56 100 POS. SEC COND SN PRI TEMP SN CTD SEC TEMP SN PRI COND SN CONSC CAST # PRESS SN 0 0 NOAA R/V Oscar Dyson TYPE & SN VESSEL 2 6 Θ တ ယ N œ ഗ 4 5 mak 6 DEPTH (m) 0 156 80 Mcc.des 50 6 40 TRIP DEG b b 738.52N 250 3+ S/N 4379 4C S/N 3127 3+ S/N 2376 4C S/N 2985 9+ S/N 0291 LATITUDE MN PRESSURE 7) 7) TIMES AT SURFACE AT DEPTH START DOWN DATA ON DEG 5504.43 W27 X PAR S/N 4603 X FLUORO S/N 867 LONGITUDE ho#le PRI. TEMP Z Z CTD CONVERTED MONITOR VALUES JD/TIME DAY MO SEC. TEMP. DATE JD=118 A P R 1 2 DY1204 PROJECT & LEG pH S/N 180606 Isus S/N 141 첫 Tape/Diskette/DVD ID HR MIN TIME (GMT) 3/8 PRI. SALINITY DY1204 DRY BULB (AIR TEMP) (ီ) X O2 S/N 0904 (1°) O2 S/N 0910 (2°) **DATA LOCATION** SEC. SALINITY RELATIVE HUMIDITY File Name/Header CTD (mb) 0 PRESSURE SEA STATE VISIBILITY X Altimeter SAL. NO. Trans S/N 1066PR TRUE WIND DIR. (deg) 52 SPECIFICATION (Amt)
CLOUD (Amt)
TYPE
WEATHER SAMPLE BOTTLE NUMBER (kts) STATION DESIGNATION OXYGEN NO. Y 037 MAX. DEPTH = REMARKS LINE 8 Cleaned air bleed valve BOTTOM DEPTH 288 282 283 381 2905 382 CHL (ml) 3 5 STA STA. NAME/ID ال ال APPROX.
FLUORO
LEVEL 0111 042 040 0.39 038 037 036 035 043 맫 3 から LAS

PG **6** OF ___

ø ٥ 10 000 CTD *10 **6** * Сп POS. CONSC CAST# * 4 SEC TEMP SN SEC COND SN PRI TEMP SN PRI COND SN PRESS SN NOAA R/V Oscar Dyson TYPE & SN VESSEL 7 œ ဖ ယ N DEPTH (m) 0 F 0 b) St O No. 6 500 TRIP DEG b 3+ S/N 4379 4C S/N 3127 3+ S/N 2376 4C S/N 2985 9+ S/N 0291 LATITUDE <u>≤</u> . 0 2 2 PRESSURE AT SURFACE AT DEPTH START DOWN TIMES 16141.50W28APR12 DATA ON DEG X PAR S/N 4603 X FLUORO S/N 867 LONGITUDE PRI. TEMP. MN CTD CONVERTED MONITOR VALUES JD/TIME DAY MO SEC. TEMP. DATE JD= \\9 DY1204 PROJECT & LEG pH S/N 180606 Isus S/N 141 ΥR Tape/Diskette/DVD ID HR MIN 100 (GMT) PRI. SALINITY DY1204 DRY BULB (AIR TEMP) <u>ري</u> ိုင် X O2 S/N 0904 (1°) O2 S/N 0910 (2°) DATA LOCATION RELATIVE HUMIDITY SEC. SALINITY <u>જ</u> File Name/Header CTDOOS 00 (mb) PRESSURE X Altimeter SEA STATE VISIBILITY n SAL. NO. Trans S/N 1066PR DIR. TRUE
SPD. CLOUD (amt)
TYPE
WEATHER 35200 (deg) SAMPLE BOTTLE NUMBER (kts) STATION DESIGNATION OXYGEN NO. MAX. DEPTH = REMARKS FERF ATTACHED Defore carry of 119919 PANLOR BAY Cleaned air bleed valve BOTTOM DEPTH 283 282 283 285 186 886 CHL (ml) <u></u> 3 STA. NAME/ID APPROX. FLUORO LEVEL 3

VESSEL NOAA R/V Oscar Dyson		PROJECT & LEG	<u>:</u> G			STATION DESIGNATION	SNATION	
CONSC			DRY BULB	RELATIVE	· · · ·	OUD (amt) PE EATHER	воттом	STA
DEG MIN	LONGITUDE	DATE JD=\30	_	HUMIDITY	* SI * V DIR.	* TY	DEPTH	NAME/ID
19.90	5 2 5 . H	3 W 2 9 A P R 1 2		0	w	9	- 6	
CTD	TIMES JD/TIME	IME		DATA LOCATION		REMARKS	5	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	CZ13	CHIBAK TORNO	U.
PRESS SN 9+ S/N 0291	START DOWN		DY1204	CT	CTD ONO	5	Su A	
PRI COND SN 4C S/N 2985	AT DEPTH				89			
PRI TEMP SN 3+ S/N 2376	AT SURFACE					MAX. DEPTH =	TH =	3
SEC COND SN 4C S/N 3127								*
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4603	pH S/N 180606		X O2 S/N 0904 (1°)	Trans S/N 1066PR		Cleaned air bleed valve	d valve
	X FLUORO S/N 867	Isus S/N 141	×	O2 S/N 0910 (2°)	X Altimeter	Į		
POS. TRIP DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES	•		SAMPLE BOTTLE NUMBER	E NUMBER	
	-			-				NUTS
156 PRESSURE	JRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)	APPROX.
1 5 mab						212		42
2 100								65
3 75								6.6
37	i						288	49
5 HO							282	68
စ ပ							285	69
7 200							28	F.
8							283	14
0			:				283	72
10 chi max							3	
11 190 /2				:				

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PROJECT & LEG DRY BULB DRY BULB	10 chl max Surface ba	10	7 20	6 30	5 40	4 50	3 75	2 100	1 5 mah	PRESSURE PR		POS. TRIP	X FLUOF	SEC TEMP SN 3+ S/N 4379 X PAR S/N 4603	SEC COND SN 4C S/N 3127	PRI TEMP SN 3+ S/N 2376 AT SURFACE	PRI COND SN 4C S/N 2985 AT DEPTH	PRESS SN 9+ S/N 0291 START DOWN	TYPE & SN DATA ON	CTD TIMES	0115422.08N1651	DEG MIN DEG	CONSC CAST# LATITUDE LONG	VESSEL NOAA RIV Oscar Dyson
STATION DESIGNATION	didn't		4									CTD CONVERTED MONITO			I	M		VN		JD/TIME	. 48w2	DΑ		PROJECT & DY1204
STATION DESIGNATION JE TRUE DE MEN DEPTH NUMBER SPD. CL Y WE DEPTH NUMBER SAMPLE BOTTLE NUMBER SAMPLE BOTTLE NUMBER 288 109 283 109 283	nser orror - 2									SEC.	3	OR VALUES	X 02 S/N	X 02 S/N	ľ						1413 11.090.	HR MIN (°C) (%)	DRY BULB TIME (AIR RELATIVE (GMT) TEMP) HUMIDITY	LEG
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1, Sandle	1 283					54	44	6	OXYGEN NO. CHL (ml)	NUT	SAMPLE BOTTLE NUMBER						h) > E	Unimak	REMARKS	3318 116	(kts) * * *	SEA STATE VISIBILITY DIR. TRUE SPD. CLOUD (amt) TYPE WEATHER	STATION DESIGNATION

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POS.

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9 œ CTD

PG 12 OF ___

- 1	10 max		8 1)	7 20	6 3/	5 4D	4 50	3 75	2 100	1 5 mab	43	טפרום (ווו)	POS. TRIP		SEC TEMP SN 3	SEC COND SN 40	PRI TEMP SN 3-	PRI COND SN 40	PRESS SN 9-	TYPE & SN	CTD	013542	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 0291 S			6.65 N	MIN	LATITUDE	Dyson
											PRI. TEMP.		CTD CO	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	6459.31 W	DEG MIN	LONGITUDE	
											SEC. TEMP.		CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606]					IME	W29APR12	DAY MO YR	DATE JD=\20	PROJECT & LEG DY1204
											PRI. SALINITY		VALUES	×		1			DY1204	Tape/Diskette/DVD ID		1827 0.	HR MIN (°C)	TIME (AIR (GMT) TEMP)	[[G
											SEC. SALINITY			O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)	-			СТВ		DATA LOCATION	994.012	(%) (mb)	RELATIVE HUMIDITY PRESSURE	
	+	J									SAL. NO.		(0	X Altimeter	Trans S/N 1066PR]				File Name/Header		\sim	* * (deg)	VISIBILITY VISIBILITY DIR.	
	5	<u> </u>					11				OXYGEN NO.		SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		W → E	Unimak	REMARKS	03	(kts) * * *	SPECIFICATION OF THE PROPERTY	STATION DESIGNATION
	283	200	742	\ \ 	285	282	288				CHL (ml)		LE NUMBER		Cleaned air bleed valve		PTH =		# 1	* Pass	6	49	(m)	BOTTOM	GNATION
	26		95	94	911	9)	91		*	.0	FLUORO OIC	NUTS			d vaive		3	,						STA. NAME/ID	

PG 130F__

12	11 19 14	10 chl max	9	æ 	7	ი 0	5	4 U C	3 20	2 よう	1 Harry		R	BOS TBIB	SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN 3	PRI COND SN 4	PRESS SN 9	TYPE & SN	CTD	0 1 5 5 5 5 2 .	DEG	1	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 0291			2 7	MZ.	LATITUDE	r Dyson
		. 70										E PRI TEMP		X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16111 · CD N	DEG MIN	LONGITUDE	
					,	/						SEC. TEMP.		/N 867 Solve Declaration (N 14)	pH S/N 180606]					IME	W29APR12	DAY MO YR	DATE JD=\20	DY1204
				-								PRI. SALINITY	*) [C C C C C C C C C C	>]			DY1204	Tape/Diskette/DVD ID		0. C 3.00	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	
												SEC. SALINITY		O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)	_			CTD		DATA LOCATION	095.	(%) (mb)	LB RELATIVE SSURE PRESSURE	
												SAL. NO.		X	Trans S/N 1066PR]			CTDOIN	File Name/Header		رو	* * (deg)	SEA STATE VISIBILITY DIR.	
											146	OXYGEN NO.	Opini de politica inomotiv	AMDI E BOTTI	Г]	MAX. DEPTH =			くなる	REMARKS	٥ ٦	(kts) * * *	SECTION (amt) CLOUD (amt) TYPE WEATHER	-
						283	283	2)	a 85	ນ ຯ ນ	1	CHL (ml)			Cleaned air bleed valve		HT¢	$\varphi \vdash \varphi \vdash$	VZ	CAMPA VASS	9	口口	(m)	BOTTOM DEPTH 1	
		w. =		,		102	101	100	٩٩	98	E E	APPROX FLUORO- LEVEL	245		i valve	,	3	distribution of the same for same for the form of the same for the sam	出	かかか				STA. NAME/ID	

12	11	.10	ဖ	8	7	တ • ည	ڻ ت	4	ω	2	<u>م</u>		DE POS	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	6	บ	30	5	50			UT 36	PRESSURE	DEPTH (m)		SN 3+ S/N 4379	OSN 4C S/N 3127	SN 3+ S/N 2376	SN 4C S/N 2985	N 9+ S/N 0291	ž		5449.50	DEG MIN	LATITUDE	VESSEL NOAA R/V Oscar Dyson
												SURE PRI. TEMP.	CID	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JC	N 16 F 50 0 . 6	DEG MIN	LONGITUDE	
									:			SEC. TEMP.	CTD CONVERTED MONITOR VALUES	7 Isus S/N 141	pH S/N 180606]					JD/TIME	4 W29 A P R 1 2	DAY MO YR	DATE JD=\20	PROJECT & LEG
												PRI. SALINITY	VALUES	×]			DY1204	Tape/Diskette/DVD ID		2201 1.1	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	G
			:									SEC. SALINITY		O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)				CTDONS		DATA LOCATION	95.	(%) (mb)	RELATIVE HUMIDITY PRESSURE	
							į				* %	SAL. NO.		X Altimeter	Trans S/N 1066PR]			Ŕ	File Name/Header		199	* (deg)	SEA STATE VISIBILITY TRUE DIR.	
			• 118									OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =			ころうかん	REMARKS	٥	(kts) * * *	SPECIFICATION OF TYPE WEATHER	STATION DESIGNATION
			2	79 E	28	285	282	288				CHL (ml)	TLE NUMBER		Cleaned air bleed valve	-	PTH ≈		プレン	ラアドーマネい	KS	9	(m)	ВОТТОМ DEPTH	GNATION
			109	108	107	106	OU	104			103	APPROX.	Z ST		ed valve		3		- 0	25.63 S				STA. NAME/ID	

7.

12	11 17, 1, 50	10 Ch/ 300	0	8	7 20	6 () ()	5 40	4 77.00	3 11 171	2	1 5 mas 3		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 0291	TYPE & SN	CTD	0 / 6 01 5 01 6 - /	DEG MIN	CONSC LATITUDE	VESSEL NOAA R/V Oscar Dyson
												PRESSURE PRI. TEMP.	CID	X FLUORO S/N 867	79 X PAR S/N 4603]	76 AT SURFACE	85 AT DEPTH	START DOWN	DATA ON	TIMES	1 N N S H 5 N N C	DEG MIN		
			:									SEC. TEMP.	CID CONVERTED MONITOR VALUES	37 ISUS S/N 141	pH S/N 180606	1					JD/TIME	W 2 9 A P R 1 2 2	1	DATE JD=\20	PROJECT & LEG
		:										PRI. SALINITY SE	ALUES	×]			DY1204	Tape/Diskette/DVD ID	DA	329 1.1	HR MIN (°C)	TIME (AIR R	
												SEC. SALINITY SAL		O2 S/N 0910 (2°) X Altır	X O2 S/N 0904 (1°) Trai	1			CTD Q\L	File Name/Header	DATA LOCATION	9日. 10	(%) (mb) * *	PRESSURE SEA STATE VISIBILITY	
												SAL: NO. OXYGEN NO.	SAMPLE BOTTLE NUMBER	Altimeter	N 1066PR	1	MAX. DEPTH =	08716	()	E	REMARKS	6 68	*	VIND TRUE SPD. DUD (amt) TYPE WEATHER	STATION DESIGNATION
			10.5	, //	281 115		282 1/3	288 112	111			APPROX. FLUORO CHL (ml) LEVEL	.E NOMBER		Cleaned air bleed valve		TH= m	ics.	シスカン	UNIMAK BASS EAST	S	o U	(m)	BOTTOM STA. DEPTH NAME/ID	SNATION

12	===	5	ဖ	œ	7	6	Ci	4	ω	2			Ç	3	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0		CONSC CAST#	VESSEL NOAA R
	١	1	b	5	5	30	FO	550	12 12 12	100	T man		DEPTH (m)	5	MP SN	ND SN	MP SN	ND SN	NS 8	S SN		U B	DEG		VESSEL NOAA RIV Oscar Dyson
						<u> </u>						71	<u>3</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			प्र प्र १ १	S	LATITUDE	ar Dyso
												PRESSURE			4379	3127	2376	2985	0291			N N		DE .	5
												RE	į	×	Ī×]	AT SU	AT DEPTH	STAR.	DATA ON	TIMES	- 6 13	DEG		П
										:		PRI.		LUORC	X PAR S/N 4603		AT SURFACE	PTH	START DOWN	8		06	r	LONGITUDE	
!												PRI. TEMP.	CID	X FLUORO S/N 867	4603			ı	- 	l	Ë	U	N N	UDE .	
-						-	\perp	\vdash			┝	s	CID CONVERTED MONITOR VALUES								JD/TIME	4 W 30	DAY		-
											٠	SEC. TEMP	E D MC	cuci	F S]						A P R	MO	C/=dr alva	PROJEC
							_		_			₽.	NIIOR	ISUS OIN 141	pH S/N 180606		_	1	1			1 2	-	<u> </u>	PROJECT & LEG
												PRI S/	ALUES		6				DY1	Tape/Diskette/DVD ID		0205	HR MIN		ြ
									İ			PRI. SALINITY			. 15.2	-			DY1204	kette/D		2	(°C)	DRY BULB (AIR TEMP)	
							┢					SE) 02 S/I	02 S/	4		e)		0	DATA L	399			-
				30								SEC. SALINITY		02 S/N 0910 (2°)	X 02 S/N 0904 (1°)				1	⊒		سر	(%)	RELATIVE	
			٥								_	T		2°)	್ —	1			CTDOVE	File Name/Header	OCATION	10	(dm)	PRESSURE	
		-										SAL. NO.		VIIII I G (G)	Trans:			:	Ĭ	/Heade		_	* @	SEA STATE VISIBILITY □ ≦ ∄	1
H			4,										SAI		Trans S/N 1066PR					7		3501	(deg) (kts)	TRUE TRUE DIR. SP	118
,			108									OXYGEN NO.	MPLE BO		SPR	_	MAX.			CI	REM.		s) *	CLOUD (amt)	STATION DESIGNATION
)))	• 3	D	2)					OTTLE		Clea]	MAX. DEPTH =		[] [u	CNIBAK	REMARKS		*	WEATHER)ESIGN/
			283	283	281	285	282	288				CHL (ml)	SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		II		3 6	RASS		1 2	(m)	BOTTOM DEPTH	TION
H			761	451	<u>ر</u> د	52		5	11	118		APF FLU	^		eed valve		3		*					STA. NAME/ID	
			72	F.	رو	4	ע		٥	DO	7	APPROX. FLUORO LEVEL								NOATH				JID "	

18.5

ESSURE PRI TEMP. SEC. TEMP. PRI SALINITY SEC. SALINITY SAL INO. OXYGEN NO. CHL (m) PROJECT & LEG PROJECT & LEG PRI TEMP. PRI TEMP. PRI SALINITY SEC. SALINITY SAL INO. OXYGEN NO. CHL (m) PRI SARIA NO. NO. CHL	H	11 9 150	10 changar	°	8	7 20	စ ပ	5 50	4 55 0	3 72	2 (00	1 Timab			POS TRIP	1	SEC TEMP SN 3+ S/I	SEC COND SN 4C S/	PRI TEMP SN 3+ S/	PRI COND SN 4C S/I	PRESS SN 9+ S/t	TYPE & SN	CTD	0185459	DEG MIN	CONSC CAST# LATITUDE	VESSEL NOAA R/V Oscar Dyson
DY1204 DATE JD= \Q \ (am) TIME CIN CON CIN										:			PRESSURE				N 4379	N 3127					=	0 U			son
DRY BULB (AIR (AIR TEMP) HUMIDITY RELATIVE SS STATILI TRUE SS STATIC SS															CTD CO	FLUORO S	X PAR S/N 4603	1	TSURFACE	T DEPTH	TART DOWN	NATA ON		14.4	_	LONGITUDE	
DRY BULB (AIR (AIR TEMP) HUMIDITY RELATIVE SS STATILI TRUE SS STATIC SS										,			SEC. TEMP.		NVERTED MONITOR \	Isus S/N 141	pH S/N 18060	1					ME	A P R 1 2	MO YR	NATE JD=\2\	PROJECT & LEG
RELATIVE RESIDENTIAL TRUE TRUE OF TRUE											! !		PRI. SALINITY		/ALUES	×		l			DY1204	ape/Diskette/DVD		341	MZ	J m	
JE TRUE DESIGNATION JE TRUE DE MAN DEPTH NAME/ID JE TRUE DE MIND DEPTH NAME/ID JE TRUE DE MIND DEPTH NAME/ID JE TRUE DE MIND STA DEPTH NAME/ID															0910 (2°)		1			CTD		DATA LOCATION	100		RELATIVE PRESSURE		
REMARKS REMARKS CIONNO. CHL (mi) Cleaned air bleed valve CHL (mi) APPROX APPROX FUDORO TEVER 130 130 130 130 130 130 130 13													SAL. NO.		~	Altimeter	Trans S/N 1	ı			2/8	e/Header		088		VISIBILITY DIR. DIR.	
STA. NAME/ID ST									,			300	OXYGEN NO.		SAMPLE BOT			1	MAX. DE	140		LNIA	REMARI	رو	(kts) * * *	TYPE	STATION DES
STA. NAME/ID N				283	283	780	2,8C	0 0 0	886				CHL (ml)		TLE NUMBER		Cleaned air ble	-	EPTH =		Me	SOUR YES	KS	_	(m)		SIGNATION
STE				\ <u>y</u>	\ 3 2	12	130	129	128	上で	126		FLUORO LEVEL	C141			ed valve		,	λi ^{ll}	出る	NORTH				STA. NAME/ID	

12	11	10	0	_∞	7 20	6 30	5 WO	4 37	3 75	2 100	1 5 mals		POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	01951	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
					:							PRESSURE	(a)	:	3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			5456 - 10 N		LATITUDE	car Dyson
, ;												RE PRI. TEMP.	CTD C	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD	16528.3	DEG MIN	LONGITUDE	
										i		SEC. TEMP.	CTD CONVERTED MONITOR VALUES	lsus S/N 141	pH S/N 180606]					JD/TIME	6W30APR12	DAY MO YR	DATE JD=(2)	DY1204
												PRI. SALINITY	VALUES	×]			DY1204	Tape/Diskette/DVD ID		06141.	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	
												SEC. SALINITY		02 S/N 0910 (2°)	X O2 S/N 0904 (1°)				СТВ		DATA LOCATION	2100.	(%) (mb)	LB RELATIVE HUMIDITY PRESSURE	-
			• 3							0		SAL. NO. O	SA	X Altimeter	Trans S/N 1066PR]			CTDOYS	File Name/Header		0 2 1	* * (deg)	SEA STATE VISIBILITY TRUE DIR. DIR.	0
		_	334 8	ש	0)	.)	• • • • • • • • • • • • • • • • • • • •	h)			Н	OXYGEN NO. C	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		1 m	UNIMAK	REMARKS		*	SPD TRUE CLOUD (amt) TYPE WEATHER DBO	STATION DESIGNATION
į			283 141	283 140	_		28Y 137	J88 136	135	134		CHL (ml) LEVEL STREET			Cleaned air bleed valve		m		C # W	X ROUS DORTE		が	(m)	BOTTOM STA. DEPTH NAME/ID	FICN

12	11	10	9	0	7 200	の 3 つ	5 40	4	3 75	2 100	1 Umah	PRESSURE	(ii)	POS. TRIP	X FLUORO S/N 867	SEC TEMP SN 3+ S/N 4379 X PAR S/N 4603	SEC COND SN 4C S/N 3127	PRI TEMP SN 3+ S/N 2376 AT SURFACE	PRI COND SN 4C S/N 2985 AT DEPTH	PRESS SN 9+ S/N 0291 START DOWN	TYPE & SN DATA ON	CTD TIMES	0 2 0 5 4 5 2 · 0 0 2 1 6 5 4 0	DEG MIN DEG I	CONSC LATITUDE LONGITUDE	NOAA RIV Oscar Dyson
												PRI. TEMP. SEC. TEMP.		CTD CONVERTED MONITOR VALUES) S/N 867 Isus S/N 141		İ					JD/TIME	- 26 W 30 A P R 1 2	MIN DAY MO YR	DATE JD=\a\	PROJECT & LEG
											1 1	PRI. SALINITY SEC. SALINITY		VALUES	1 X O2 S/N 0910 (2º)	306 X O2 S/N 0904 (1°)	1			DY1204 CTDO 3O	Tape/Diskette/DVD ID File Nam	DATA LOCATION	0739 0.9100. 16	HR MIN (°C) (%) (mb)	TIME (AIR RELATIVE W GMT) TEMP) HUMIDITY	EG
			282	つまる	181	285	かん	288			上に	SAL. NO. OXYGEN NO. CHL (ml)		SAMPLE BOTTLE NUMBER	X Altimeter	Trans S/N 1066PR Cleaned air bleed valve	l	MAX. DEPTH =	20 to 10 to	14-3	File Name/Header	REMARKS		* * (deg) (kts) * * * (m)	SEA STATE VISIBILITY VISIBILITY DIR. TRUE TRUE (amt) TYPE WEATHER DEPTH DEPTH	STATION DESIGNATION
			09/	bh/	148	LHI	141	14ST	77	L T	C#1	APPROX.	MIT			valve		3			PASS NORTH				STA. NAME/ID	_

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										11
						6				10
651	283	71.	*			1			0	မ
158	283								10	8
157	281								10	7
156	285			,					30	6
155	282								40	σı
154	288								50	4
153									75	ω
152									100	2
151									5 mab	
teaer ereneox-	CHL (ml)	OXYGEN NO.	SAL. NO.	SEC. SALINITY	PRI. SALINITY	SEC. TEMP.	PRI. TEMP.	PRESSURE	162m	
NUT									DEPTH (m)	
	LE NUMBER	SAMPLE BOTTLE NUMBER			ALUES	CTD CONVERTED MONITOR VALUES	CTD CON		TRJP	POS.
			X Altimeter	O2 S/N 0910 (2°)	×	Isus S/N 141	X FLUORO S/N 867	×		
valve	Cleaned air bleed valve		Trans S/N 1066PR	O2 S/N 0904 (1°)	×	pH S/N 180606	PAR S/N 4603	3+ S/N 4379 X	SEC TEMP SN 3+	SEC TI
]]	_]	1	1	4C S/N 3127	SEC COND SN 4C	SEC C
3	PTH =	MAX. DEPTH =		3			AT SURFACE	3+ S/N 2376 AT S	PRI TEMP SN 3+	PRI TE
							AT DEPTH	4C S/N 2985 AT D	PRI COND SN 4C	PRI CC
Ű	中田田	M		CTD	DY1204		START DOWN	9+ S/N 0291 STAI		PRESS SN
NORTH	WWWAK PASS	SULLU	File Name/Header		Tape/Diskette/DVD ID	Te	DATA ON	DAT	& SN	TYPE & SN
	ŝ	REMARKS		DATA LOCATION	Ō	Æ .	ES JD/TIME	TIMES		CTD
	167	1 7	010	99.017	91107	W30APR120	6551156W	8-155N16	1 5 4 4	9
	(m)	(kts) * * *	* * (deg)	(%) (mb)	HR MIN (°C)	Ϋ́R	NIN	MIN DEG	DEG	
STA. NAME/ID	BOTTOM DEPTH	SPEND TRUE CLOUD (amt TYPE WEATHER	VISIBILITY VIND DIR.	RELATIVE ESSURE	DRY BULB TIME (AIR (GMT) TEMP)	DATE JD=	LONGITUDE	LATITUDE		CONSC CAST #
32	IGNATION	STATION DESIGNATION		_		PROJECT & LEG DY1204		Dyson	VESSEL NOAA R/V Oscar Dyson	VESSEL NOAA R
	F 6 6 7 0									,
ส์	B) 21									

12	11	10	9 20	8 30	7 40	6 50	£ 5	1	3 50	2 200	1 5 mab	32.1 m PRE	- ! - ! - !	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 0291	TYPE & SN	CTD	0 2 2 5 4 4 4 . 8]⊑	VESSEL NOAA R/V Oscar Dyson	
										:		PRESSURE PRI. TEMP.		CTD CO	X FLUORO S/N 867	79 X PAR S/N 4603]	6 AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	4 N 1 6 6 0 3 . S	LONGI		
												SEC. TEMP.		CTD CONVERTED MONITOR VALUES	ISUS S/N 141	pH S/N 180606]				 	IME	W3 APR12	ATE JD=	PROJECT & LEG	
												PRI. SALINITY		ALUES .	×]			DY1204	Tape/Diskette/DVD ID	0	HR MIN (°C)	DRY BULB (AIR TEMP)	3	
												SEC. SALINITY S			O2 S/N 0910 (2°) X	X 02 S/N 0904 (1°)]		med and	CTD) File Name/Header	DATA LOCATION	9 (%) (mb)	₹ M PRESSURE SEA STATE		
	50											SAL. NO. C		S,	Altimeter	Trans S/N 1066PR					leader		3 5 3		·	
											174	OXYGEN NO.		SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		A A	Unimak	REMARKS	Kis (Kis)	CLOUD (amt)	STATION DESIGNATION	
	283	283	181	285	242	288						CHL (ml)		LE NUMBER		Cleaned air bleed valve		PTH =		0 #	A Pouss		2 (m)	BOTTOM DEPTH	IGNATION	PG <u>{</u>
	(F)	169	168	167	166	165	164	163	167	<u> </u>	160	APPROX FLUGRO	DUTS			ed valve		3			North			STA.	di	

12	11 0	10 0	9 20	8 30	7 HO	6 50	5 75	4 100	3 150	2 200	1 5 mab	284 m		POS. TRIP		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	023544	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
					!							PRESSURE		m)	5	3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			5 3 8	MIN	LATITUDE	car Dyson
												RE PRI. TEMP.	_	CTD	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH _	START DOWN _	DATA ON _	TIMES	16 14.9	DEG MIN	LONGITUDE	
	`								i	,		SEC. TEMP.		CTD CONVERTED MONITOR VALUES	37 Isus S/N 141	pH S/N 180606]					JD/TIME	8W30APR12	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY)R VALUES			•			DY1204	Tape/Diskette/DVD ID		1235-0	HR MIN (°C)	ତି	LEG
												SEC. SALINITY			X O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)	ı			 G		DATA LOCATION	59102	(%)	RELATIVE	
											. 12	SAL. NO.			X Altimeter	Trans S/N 1066PR]			СТВ	File Name/Header	ž	20 358	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DIR NO E	
	2	Ψ.										OXYGEN NO.		SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		S < N	Marinak	REMARKS	5	(kts) * * *	SPOND (amt) CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
	283	183	281	285	282	289						CHL (ml)		LE NUMBER		Cleaned air bleed valve		PTH =		#	Pass	(S)	290	(m)	BOTTOM DEPTH	GNATION
	181	180	179	178	177	76	£.	171	173	172	17	APPROX.	DUTS		,	ed valve	<u>.</u>	3			West.				STA. NAME/ID	,

12	1	10	φ	ω	7	60	თ	4	ω	2	1			POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	024		CONSC CAST#	VESSEL NOAA R
	D	0	20	30	dp	50	1000	150	100	300	rab	40k	! : :	DEPTH (m)						_	SN		543	DEG		VESSEL NOAA R/V Oscar Dyson
			•		•			i				PRESSURE				3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			5 . 0 2	MIN	LATITUDE	yson
												J.R.			×FI	×]]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	N 6 6	DEG	F	
							:					PRI. TEMP		C	FLUORO S/N 867	X PAR S/N 4603		FACE	Ŧ	DOWN	ž		07.5	MIN	LONGITUDE	
												MP P		CTD CONVERTED MONITOR VALUES	V 867	33						JD/TIME	5 W 3 D			
												SEC. TEMP		ERTED MO	isus	P "]						DAPR	DAY MO	DATE JD=	PROJEC DY1204
								-		_				NITOR V	isus S/N 141	pH S/N 180606			Ι	Τ-	Ta		1 2	ХЯ		PROJECT & LEG
												PRI. SALINITY	:	ALUES		. ,)		DY1204	Tape/Diskette/DVD ID		459-	HR MIN	A F	
												<u>_</u>			× 02	× 02]			**	te/DVD II		0.3	(၀)	DRY BULB (AIR TEMP)	
												SEC. SALINITY			02 S/N 0910 (2°)	X O2 S/N 0904 (1°)			 	 		DATA LOC	91.0	(%)	RELATIVE HUMIDITY	
															(2°) X	(1 ₉	1			CTD	File Name/Header	LOCATION	2	(dm)	PRESSURE SEA STATE	
												SAL. NO.			Altimeter	Trans S/N 1066PR	•				Header		358	* (deg)	VISIBILITY DIR. WIND P.R. DIR.]
	:									:	* 117	OXYGEN NO.		SAMPLE	-	1066PR		×			X	22	-	(kts) *	SPD TRUE CLOUD (amt)	STATIO
						_					-	NO.		BOTTLE		င္ဆ]	MAX. DEPTH =		11-5	Unimak	REMARKS		*	TYPE WEATHER	STATION DESIGNATION
	183	283	281	285	282	288						CHL (ml)		SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		Ĭ"		# 2	Pass Wes		413	(m)	BOTTOM DEPTH	VATION
	192	191	190	189	186 186 186	187	186	185	181	183	182	APPROX. ELWORO LEVEL	Nurs			ed valve		3			St.				STA. NAME/ID	,

12	11	10	9 20	8 30	7 50	6 50	5 100	4 150	3 250	2 350	1 5 mas	F ST	POS. TRIP DEPTH (m)		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0 27 FX	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 0291			21.54N	MIN	LATITUDE	ar Dyson
			-									₹E PRI. TEMP.	CTD CC	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16556.05V	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606]					IME	W30 A P R 1 2	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY	RVALUES	<u> </u>)606				DY1204	Tape/Diskette/DVD ID		2132	HR MIN (°	TIME (A (GMT) TEI	.EG
												SEC. SALINITY		X O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)]			C]		DATA LOCATION	-1 8 -	(°C) (%) (mb)	DRY BULB (AIR RELATIVE TEMP) HUMIDITY	
											ī	SAL. NO.		X Altimeter	Trans S/N 1066PR]			CTDODI	File Name/Header	Ž	35	b) * * (deg)	PRESSURE SEA STATE VISIBILITY DIR. TRUE	-
رد در	(1) (2)											OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		Z	2213	REMARKS	0 9	(kts) * * *	SPEND TRUE CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
	283	283	しなっ	UXI	んかの	788						CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH=		100 #	レン・ラカチーないい しんらく	S	I I O	(m)	BOTTOM DEPTH	IGNATION
Sec	215	<u>ال</u> ا	213	2	الد	0/5	203	800	202	206	205	APPROX. FLUORO LEVEL			d valve		3		F	15.55				STA. NAME/ID	

PG2 OF

2

12	1	10 0	9 10	8 20	7 40	9 40	5 150	4 200	3	2	_		ţ	POS. DEPT	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	0285	٥	CONSC CAST#	VESSEL NOAA R/V
							9	0				PRESSURE		TRIP		N 3+ S/N 4379	N 4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			458.23N	DEG MIN	LATITUDE	VESSEL NOAA R/V Oscar Dyson
•												RE PRI. TEMP.		CTD CO	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	116857.11	DEG MIN	LONGITUDE	
												SEC. TEMP.		CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606	l					IME	W 0 1 X B A 1 2	∌	DATE JD=	PROJECT & LEG
											\dashv	PRI. SALINITY		/ALUES	×		1			DY1204	Tape/Diskette/DVD ID		8080.4	HR MIN (°C)	DRY BULB (AIR (GMT) TEMP)	6
												SEC. SALINITY			O2 S/N 0910 (2°) X	2 S/N 0904 (1°)	Ī			CTD	D File Name/Header	DATA LOCATION	86.028	(%) (mb) *	PRESSURE SEA STATE	
3	•										-	SAL NO. OXYGEN NO.		SAMPL	Altimeter	Trans S/N 1066PR		7				77	29514	* (deg) (kts) *	VISIBILITY DIR. TRUE SPD. TRUE CLOUD (amt)	STATIC
143	 -										\top	EN NO. CHI (ml)		SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		MAX. DEPTH =		station 33	8019	REMARKS	2240	(m)	TYPE WEATHER DEPTH	STATION DESIGNATION
=	K.) &			:			2/7	216			We are	PEUORO DI	NUTS	-		sed valve		3							STA. NAME/ID	

PG 28 OF ___

12	11	ō	ဖ	00	7	6	თ	╀	ω	2				POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	029		CONSC CAST#	NOAA R
	D	20	30	40	50	100	200	300	350	H00 -	500 -			TRIP DEPTH (m)				_	_		S		5	DEG		NOAA RIV Oscar Dyson
								<u> </u>		,		PRESSURE				3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			7.88	MIN	LATITUDE)yson
												JRE			×	X P		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	N 1 6 8	DEG		
												PRI. TEMP		C	FLUORO S/N 867	X PAR S/N 4603		FACE	Ŧ	DOWN	Ž		5214	MIN	LONGITUDE	
-												P		CTD CONVERTED MONITOR VALUES	V 867	ಜ						JD/TIME	OWO			
												SEC. TEMP		ERTED M	lsus	PΗ						•••	I A	DAY MO	DATE JD=	DY1204
<u> </u>												P		ONITOR \	Isus S/N 141	pH S/N 180606			Τ-		_	·	k 1 2)	ž		F
												PRI. SALINITY		/ALUES		б				DY1204	ape/Disk		00	HR MIN	TIME (GMT)	
												YTIN			×	×				04	Tape/Diskette/DVD ID		0.4	(၁°)	DRY BULB (AIR TEMP)	<u>_</u>
							:					SEC. SALINITY			02 S/N 0910 (2°)	O2 S/N 0904 (1°)						DATA LOC	1	(%)	RELATIVE	
												YTIN)(2°)	(1°)	1			CTD	File Name/Header	A LOCATION	0 28	ত্ৰ	PRESSURE SEA STATE	
	- اح											SAL. NO.				Trans S/				^	/Header		28	* (deg)	VISIBILITY PROPERTY PROPERTY VISIBILITY	
o de grand	20210	St constant									198	ОХҮС		SAMPL		Trans S/N 1066PR					,		,	i i	SPIND (amt)	H
satisfy were	3	Se care									7	OXYGEN NO.		E BOTT				MAX. DEPTH =		station	BI) 19	REMARKS		*	TYPE WEATHER	
	187	283	285	282	288							CHL (ml)		SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		PTH =		33 cast		S	2253	(m)	BOTTOM	
	23	228	224	226	225	234	223	22.7	291	200	2)9	APPROX. FLUORO LEVEL	Nuts	~		eed valve		3		7 #2					STA. NAME/ID	

PG 29 OF ___

NO. CHL (m) 188 188 188 188 188 188 188 1									C i	11
CHL (ml) 288 288 285 281 283										*
CHL (ml) 288 285 281 283 283				•	+				(H) H	10
CHL (ml) 2.8.6 2.8.5 2.8.3 2.8.3									200	ဖ
CHL (ml) 288 288 281									O	00
CHL (ml) 288 285 281					<u> </u>				10	7
CHL (ml) 288					-				20	6
CHL (ml)						:			30	O
CHL (ml)									40	4
CHL (ml)									٥٤	ω
CHL (ml)									K	2
CHL (ml)		_				RE2	16KT 01	NENT	lon	_
		/ SAL NO	SEC. SALINITY	PRI. SALINITY	PRI. SA	SEC. TEMP.	PRI. TEMP.	PRESSURE		
NUT										
SAMPLE BOTTLE NUMBER					OR VALUES	CTD CONVERTED MONITOR VALUES	CTD CON		TRIP DEPTH (m)	POS.
		X Altimeter	O2 S/N 0910 (2°)	×	141	ISUS S/N 141	X FLUORO S/N 867	×	1	
Cleaned air bleed valve	Trans S/N 1066PR	Trans	X 02 S/N 0904 (1°)	۷× ٥	80606	pH S/N 180606	X PAR S/N 4603	3+ S/N 4379	SEC TEMP SN 3+	SEC T
]]]		<u>י</u>		4C S/N 3127	SEC COND SN 4C	SEC C
MAX DEPTH = 200 m	MA						AT SURFACE	3+ S/N 2376 AT S	PRI TEMP SN 3+	PRI TE
FERF ATTACHED	T.						AT DEPTH	4C S/N 2985 AT D	PRI COND SN 4C	PRI CO
		CED CID	 2	DY1204	DY1		START DOWN	9+ S/N 0291 STAF		PRESS SN
8516		File Name/Header		Tape/Diskette/DVD ID	Tape/Dis		DATA ON	DAT,	TYPE & SN	TYPE
REMARKS	R	ž	DATA LOCATION			Σ	S JD/TIME	TIMES		СТО
2 · O	1 1 1 1 1 1 1 1 1 1		586. 24	92 UT	20348	>37 105 105	6 8 2 2 . 2 O W O 2	91NEO.C	D 5 H 5	03
* (m)	(deg) (kts) * *	*	(%) (mb)	М	ΙŢΙ	DAY MO YR	MIN	MIN DEG	DEG	
TYPE WEATHER BOTTOM STA. DEPTH NAME/ID	TRUE TRUE D (amt	PRESSURE SEA STATE VISIBILITY	RELATIVE	DRY BULB (AIR TEMP)	だ (GMT)	DATE JD=\Ja	LONGITUDE	LATITUDE		CONSC CAST#
STATION DESIGNATION	STATION				LEG	PROJECT & LEG		yson	VESSEL NOAA R/V Oscar Dyson	VESSEL NOAA R
3.07 557										
PG 3 0 OF										

28	12	=======================================	ő	9	œ	7	6	5	4	ω	2	-			POS.	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	0 3		CONSC	VESSEL NOAA R
		125	150	200	300	夏	5570	600	J COCH	SON .	900	1000		ביבריות (m)	TRIP	l .					NS		545	DEG	_	VESSEL NOAA RIV Oscar Dyson
Botte B. the		6	700		(2/0					ند		PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291		.,.	0.90N	NIN I	LATITUDE	Dyson
of to		7	2		<u> </u>								RE .			PAR PAR]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	168	DEG	<u> </u>	
100g		1	7										PRI. TEMP		CI	PAR S/N 4603		ACE		OWN	_		33. 구	MIN	LONGITUDE	
esty.		(5		`										CONVER	\$6						JD/TIME	woo	DAY		
as 2 Pout		100	ð										SEC. TEMP.	i	TED MONIT	pH S/N 180606 Isus S/N 141]						। सहर	MO Y	DATE JD=137	PROJECT & LEG DY1204
oxy ox		7	7										PRI.		CTD CONVERTED MONITOR VALUES	180606				l o	Tape/C		2050	퓠	TIME	& LEG
SIN offo,		Ů											PRI. SALINITY		S	××	7			DY1204	Tape/Diskette/DVD ID		고 2 2	Z	DRY BULB (AIR TEMP)	
N												-	SEC. S			02 S/N 02 S/N	•				0 ID	DATAL	091		JLB RELATIVE P) HUMIDITY	
oxys doith apart in						:		•					SALINITY			0904 (1°) 0910 (2°)			623	CTD	File Nan	LOCATION	دي دي	ত্ৰ	PRESSURE	
toxy a												- ,	SAL. NO.			Trans S/I X Altimeter	J		4150512	CTDO31	File Name/Header		2 म न	* * (deg)	SEA STATE VISIBILITY DIR NO.	
250		<u> </u>	٠	1. 239	- 03a	. ०५०	- SS	۳. گر.»	10 -	· 046	. 039	+ 964			SAMPL	Trans S/N 1066PR Altimeter					·		111	I – I	R SPD. CLOUD (amt)	STATI
12 pm		1	-	9 .	ນ	٥	1	ν I	ر ک	5	9	F	OXYGEN NO.		SAMPLE BOTTLE NUMBER]	MAX. DEPTH			B516	REMARKS	9)	* 1	TYPE WEATHER	STATION DESIGNATION
eizen.									,				CHL (ml)		NUMBER	Cleaned air bleed valve		H=1005			2		60	(m)	BOTTOM DEPTH	NATION
casts.				246	いよい	THE	24.3	とから	146	ンドゥ	239	228	APPROX.	NUT		ed valve		3							STA.	
Ļ		<u>, </u>	*	70			•					^	VAF	<u> </u>		ă.		<u> </u>	1			<u> </u>	<u> </u>			

PG <u>31</u> OF ___

			4						12
								Surface	11
I							20 m	chlor max	10
			::				50 M	1% 1	9
								10	00
								2))	7
								30	၈
								40	O1
								50	4
					:	:		100	ယ
								150	2
	16		_					200	_
	SAL. NO.	SEC. SALINITY	PRI. SALINITY	PRI.	SEC. TEMP.	PRI. TEMP.	PRESSURE		
				•					
			Ö	R VALUE	CTD CONVERTED MONITOR VALUES	CTD CO		TRIP	POS.
	X Altimeter	O2 S/N 0910 (2°)	×	41	Isus S/N 141	FLUORO S	×	1	
	Trans S/N 1066PR	X 02 S/N 0904 (1°)	×	0606	pH S/N 180606	X PAR S/N 4603	3+ S/N 4379	SEC TEMP SN 3+ S	SEC 1
	1]]	•	4C S/N 3127	SEC COND SN 4C S	SEC C
						AT SURFACE	3+ S/N 2376 AT S	PRI TEMP SN 3+ S.	PRI TI
						AT DEPTH	4C S/N 2985 AT D	PRI COND SN 4C S	PRI C
		CTD	DY1204	Q.		START DOWN	9+ S/N 0291 STAF	PRESS SN 9+ S	PRES
	File Name/Header		Tape/Diskette/DVD ID	Tape/D		DATA ON	DAT	TYPE & SN	TYPE
	~	DATA LOCATION	14	•	ME	S JD/TIME	TIMES		CTD
	2			18	M 4 K	2 2 0 - 3 2	9 IN 14 1	(v)	03
(Rts) P E	* SE.	HUMIDITY PR	MT) TEMP)	声 命:	DATE JD=	LONGITUDE G MIN	LATITUDE 1	DEG	CAST#
	SSURE A STATE SIBILITY	DEI ATIVE	ᄝ					7	3
				EG	PROJECT & LEG		son	VESSEL NOAA R/V Oscar Dyson	VESSEL
			_	1)	1 inon-		_		

12	11 19 14	10 cxx max	9	0	7	6	СЛ	4	3 13 15	2 \00	1 200		DEPTH (m)	1	SEC TEMP SN 3+ 3	SEC COND SN 4C	PRI TEMP SN 3+	PRI COND SN 4C	PRESS SN 9+	TYPE & SN	СТВ	03455	DEG	CONSC LAT		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 0291 S	Q	=	ا ا ا ا ا	MIN	LATITUDE		yson	
č									:			PRI. TEMP.	00 010	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16721.90W	DEG MIN	LONGITUDE	×		
												SEC. TEMP.	CID CONVERTED MONITOR VALUES	ISUS O/N I4	pH S/N 180606]					ME	W03 次多米 1 2	DAY MO YR	DATE JD=\בֻע		PROJECT & LEG	
								24				PRI. SALINITY	VALUES	>	ग×]			DY1204	Tape/Diskette/DVD ID		(y) (y)	HR MIN (°C)	TIME (AIR (GMT) TEMP)	9	6	
								:				SEC. SALINITY		O2 S/N 0910 (2°)	O2 S/N 0904 (1°)	-			45 CIDO 34		DATA LOCATION	101.	(%) (mb)		SSURE		
												SAL. NO.		X Aitimeter	Trans S/N 1066PR				134	File Name/Header		හ ග ආ	* * (deg)	VIND DIR.			
			9	للا			_					OXYGEN NO.	SAMPLE BOTTLE NUMBER			1	MAX. DEPTH =	FERE	Dumb	7	REMARKS	<u>ช</u>	*	TYPE	JD (amt) THER	STATION DES	
							:					CHL (ml)	TLE NUMBER		Cleaned air bleed valve		EPTH = 202	RE ATTACHED	Jump cano and of more of the	لد	KS	00	(m)	BOTTOM DEPTH		STATION DESIGNATION	F 433
							\$8					APPROX. FLUORO LEVEL			d valve		3	457	20 Cales					STA. NAME/ID			۷

12	11	10	9	8	7 20	6 33 0				3 100	2 350	1 500		DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN S	TYPE & SN	CTD	03554	DEG	1_	NOAA RIV Oscar Dyson
													PRESSURE	3_		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			19.89.N	MIN	LATITUDE	ır Dyson
													E PRI TEMP.	CTD CC	X FLUORO S/N 867	X PAR S/N 4603	•	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	1633. 54v	DEG MIN	LONGITUDE	
		:		Đ									SEC. TEMP.	CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606]					JD/TIME	1 W 0 ス 2 2 1 2	DAY MO YR	DATE JD=_	DY1204
			13										PRI. SALINITY	VALUES	×]			DY1204	Tape/Diskette/DVD ID	ű.	04423.3	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	'è
		ļ				:							SEC. SALINITY		02 S/N 0910 (2°)	X O2 S/N 0904 (1°)	-			ст		DATA LOCATION	3101. 16	(%) (mb)	LB RELATIVE HUMIDITY PRESSURE	
		- 1	لَدُ										SAL NO. C	Ş	X Altimeter	Trans S/N 1066PR	1			CTD 0.35	File Name/Header	_	207	* * (deg)	SEA STATE VISIBILITY DIR. DIR.	
				,							,	6H	OXYGEN NO.	SAMPLE BOTTLE NUMBER			1	MAX. DEPTH =			198	REMARKS	0	*	S NO IT IN I	
		7	ניסני	ע על	186	285	C & C	288	3				CHL (ml)	ENUMBER		Cleaned air bleed valve		TH=					809	(m)	ВОТТОМ	
		2	ן ני	ט ע א	してい	SEC CEC	71/2	0 <u>=</u> 0	26	0	8.16	26न	APPROX. FLUORO LEVEL			d valve		3							STA. NAME/ID	

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12	11	10 /0	9 20	8 30	7 40	6 52	5 100	4 /50	3 250	2 350	1 500		DE	POS TRIP		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	036541	DEG	1	VESSEL NOAA RV Oscar Dyson
				:					Vent			PRESSURE	3			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291		_	13.21 N	<u>M</u>	LATITUDE	ar Dyson
					3				o pen			PRI. TEMP.		CTD C	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16646.96	DEG MIN	ONG	
												SEC. TEMP.		CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606	J					JD/TIME MAY	96W03APR12	DAY MO YR	ATE JD=	PROJECT & LEG DY1204
			14									PRI. SALINITY	,	VALUES	×		1			DY1204	Tape/Diskette/DVD ID		11151 3.	HR MIN (°C)	¬ R	EG
												SEC. SALINITY			O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)				СТВ		DATA LOCATION	4	(%) (mb)	RELATIVE SURE	-
												SAL. NO.		0	X Altimeter	Trans S/N 1066PR					File Name/Header		246	* (deg)	SEA STATE VISIBILITY DIR. VIND	
8	928											OXYGEN NO.	מאשירנה סטיי בה אטאוסהא	AMDIE BOTT	1]	MAX. DEPTH =			BM-	REMARKS	25	(kts) * * *		STATION DESIGNATION
Q	20	2) 0)	200/	00	rs c	288						CHL (ml)	בה אכאוסבת			Cleaned air bleed valve		30			(-5)	S	1292	(m)	BOTTOM	IGNATION
200	\$ \$ \$	7 35	2000	2000	282	28/	s S S S	279	278	272	276	APPROX. FLUORO LEVEL				ed valve		3					6 mg		STA. NAME/ID	

Ž	4	11 17 1250	10 010 25	9	8	7	6	5	4 50	3	2 100	1 2 2		POS. TRIP DEPTH (m)	1	SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	03720	DEG	CAST#		VESSEL NOAA RIV Oscar Dyson
		0											PRESSURE	3_		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			0 - & 0 N	<u>S</u>	LATITUDE		ar Dyson
													E PRI. TEMP.	CTD C	X FLUORO S/N 867	X PAR S/N 4603	1	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16624.611	DEG MIN	LONGITUDE		
													SEC. TEMP.	CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606]					JD/TIME	W O 山 為	DAY MO YR	DATE JD= \15		PROJECT & LEG DY1204
				74									PRI. SALINITY	VALUES	×]			DY1204	Tape/Diskette/DVD ID	3	0100 1.8	HR MIN (°C)	TIME (AIR (GMT) TEMP)	무	EG
													SEC. SALINITY		02 S/N 0910 (2°)	X O2 S/N 0904 (1°)				CTD Q37	ID File Name/Header	DATA LOCATION	100.	(%) (mb) *		SSURE	
		ļ					•					18	SAL NO. O	် SA	X Altimeter	Trans S/N 1066PR	J			37	e/Header		295	* (deg) (k	VIS WIND DIR.		ST
 -													OXYGEN NO.	SAMPLE BOTTLE NUMBER]	MAX. DEPTH =		F685	B	REMARKS	6	(kts) * * *	WEA	THER	STATION DESIGNATION
													CHL (ml)	NUMBER		Cleaned air bleed valve		エ= ひの -		ATTAC	SH		687	(m)	BOTTOM DEPTH N		NATION
													APPROX. FLUORO LEVEL			valve		3	(TACHED					STA. NAME/ID	m 50 h m	

12	=======================================	10	9	00	┿	\dashv	တ	σı	4	ω	╀				POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	() () ()		CONSC CAST#	VESSEL NOAA R
	b	0	0	5	70	>))	7	0	250	350	7500 0		<u>,</u>	TRIP DEPTH (m)			_				NS		び エ 2 2 -	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 0291			0	ME	LATITUDE	yson
				L	1	_				_			RE			×	×	8	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	N 1 66	DEG	5	
													PRI. TEMP		C	X FLUORO S/N 867	X PAR S/N 4603		FACE	코	DOWN	Ž		<u>থ</u> •	MN	LONGITUDE	
				L	-	4				<u> </u>			AP.		TD CONV	V 867	ಜ		}				JD/TIME	A M O H	D		
													SEC. TEMP		CTD CONVERTED MONITOR VALUES	isus	할]					,	工物田松	DAY MO	DATE JD=\%5	PROJE(
						_		_					MP.		ONITOR \	Isus S/N 141	pH S/N 180606]			1 2	¥	D S	PROJECT & LEG DY1204
													PRI. SALINITY		ALUES		ŏ				DY1204	Tape/Diskette/DVD ID		0 2 0 2	HR MIN	TIME (GMT)	
4			ō.		_	4							YTIN			×	×]			¥	tte/DVD		- -	(ငိ)	DRY BULB (AIR TEMP)	
													SEC. SAL	İ		O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)			1]		DATA LOC	100.	(%)	H RE	
					_	_							SALINITY) (2°) X	(19)	1			CTDOSA	File Name/Header	LOCATION	16	(mb)	≺ m PRESSURE SEA STATE	
							77						SAL. NO.			Altimeter	Trans S/	•		1	ار 90	/Header		၈	(deg)	VISIBILITY DIR DIR	
					-	+						032	OXYGEN NO		SAMPL		Trans S/N 1066PR		_	 		<u> ن ۱</u>	1	6) (kts) *	SPD TRUE	STATIO
					L	4				ļ	_		NO.		E BOTTL		Ç]	MAX. DEPTH =		EN CRI	BROKE	REMARKS		*	TYPE WEATHER	STATION DESIGNATION
	282	283	281	285	282	200	288						CHL (ml)		SAMPLE BOTTLE NUMBER		Cleaned air bleed valve)TH =		大	BROKE FOR DIVINER	S	674	(B)	BOTTOM DEPTH	SNATION
1	ためな	296	295	254	293	414	707	291	190	281	23%	287	APPROX. FEUORO	huts			ed valve		3			38 83W				STA. NAME/ID	:
				l.	_				L.,										 		<u> </u>	386334	!	<u>, </u>	<u> </u>		C

F			_				34			5			12
333	585	46	*	10								o	11
100	ر ر ر											Ó	ō
306	186		L				-					ט	9
3,00	785											3	8
304	ब्रहरू											70	7
بر دن	228							^				SO	6
200												SI	5
10e												000	4
300												300 00	ω
299												250	2
208												5 may	
APPROX.	CHL (ml)	OXYGEN NO.		SAL. NO.	SALINITY	SEC. SALI		PRI. SALINITY	SEC. TEMP.	PRI. TEMP.	PRESSURE		
Z.	SAMPLE BOTTLE NUMBER	MPLE BOTT	SAI					VALUES	CTD CONVERTED MONITOR VALUES	CTD CON		TRIP DEPTH (m)	POS.
			'	X Altimeter		02 S/N 0910 (2°)	× 02		Isus S/N 141	X FLUORO S/N 867	×		
ed valve	Cleaned air bleed valve	· ·	Trans S/N 1066PR	Tran	(19)	X O2 S/N 0904 (1°)	× 02	506	pH S/N 180606	X PAR S/N 4603	3+ S/N 4379 X		SEC TEMP SN
		1		l	_						4C S/N 3127	SEC COND SN 4C	SEC C
3	PTH =	MAX. DEPTH =								AT SURFACE	3+ S/N 2376 AT S		PRI TEMP SN
						I I				AT DEPTH	4C S/N 2985 AT D		PRI COND SN
				CIDO 39	CTD	1	4	DY1204		START DOWN	9+ S/N 0291 STAF		PRESS SN
	7.	1.99	der	ne/Head	File Name/Header		tte/DVD IC	Tape/Diskette/DVD ID		DATA ON	DAT	SN SN	TYPE & SN
	S	REMARKS			LOCATION	DATA LOC	D.		ME	ES JD/TIME	TIMES		CTD
	306	-e.1	2 2 2 3 4 4 7	(N	16	94	0	IMEO	WOH # 1 2	18.41	1 . 1 a N 1 6	95441	50
	(m)	*	-	*	ব্রা	(%)	Ш	HR MIN	DAY MO YR	MIN	MIN DEG	DEG	
STA. NAME/ID	BOTTOM	와 된 됐 CLOUD (amt) TYPE WEATHER	TRUE TRU	SEA STATE VISIBILITY	PRESSURE	RELATIVE	DRY BULB (AIR TEMP)	TIME [DATE JD= 165	LONGITUDE	LATITUDE		CONSC
	IGNATION	STATION DESIGNATION	ST				_	6 	PROJECT & LEG		lyson	VESSEL NOAA RIV Oscar Dyson	VESSEL NOAA R
[2	SS1-1.87												

CONICO			TIME DRY BULB		A S SIB	TRUE DUE PE ATI	ROTTOM	STA
CAST# LATITUDE	LONGITUDE	DATE JD=	(GMT) TEMP)	P) HUMIDITY	SE V DIR.	TY	┢	NAME/ID
DEG MIN	DEG MIN	DAY MO YR	HR MIN (°C)	(%)	(mb) " (deg)	(kts) * * *	(E)	
0405421.95	N 16526.461	W 0 4 A P-R 1 2	1429 1.	0 77.0	14 320	3	109	
CTD	TIMES JD/	JD/TIME		DATA LOCATION	ž	REMARKS	S	
TYPE & SN	DATA ON		Tape/Diskette/DVD ID		File Name/Header	BD		
PRESS SN 9+ S/N 0291	START DOWN		DY1204	 	СТВ			
PRI COND SN 4C S/N 2985	AT DEPTH			ļ				
PRI TEMP SN 3+ S/N 2376	AT SURFACE		ä	į		MAX. DEPTH =	TH=	3
SEC COND SN 4C S/N 3127]	J	;	J]]		
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4603	pH S/N 180606	II	X O2 S/N 0904 (1°)	Trans S/N 1066PR		Cleaned air bleed valve	valve
	X FLUORO S/N 867	Isus S/N 141	×	O2 S/N 0910 (2°)	X Altimeter			
POS. TRIP DEPTH (m)	CTD C	CTD CONVERTED MONITOR VALUES	? VALUES			SAMPLE BOTTLE NUMBER	_E NUMBER	
PRESSURE	URE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL NO.	OXYGEN NO.	CHL (ml)	APPROX-
						640		309
2 75								310
3 /50							288	311
4 10							282	312
5 30							285	3 1₹
6 (26)							281	314
7 10					24		283	315
8 ()							283	316
g	•							
10								
11								

12	- 0% c	10	9 <u>ch</u> max	8 ch #	7 124	6 12.1	5	4	3 天	2 100	1 200		POS. TRIP DEPTH (m)		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	04154	DEG	CONSC CAST#	VESSEL NOAA R/V Oscar Dyson
			ίο	ID	50	50						PRESSURE	<u>(E</u>		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			35.25N	MIN	LATITUDE	car Dyson
					:							RE PRI. TEMP.	CTD C	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/	16539.30	DEG MIN	LONGITUDE	
,												SEC. TEMP.	CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606)					JD/TIME	WOHMAY12	DAY MO YR	DATE JD=	PROJECT & LEG
						:						PRI. SALINITY	VALUES	×		1			DY1204	Tape/Diskette/DVD ID		1655 0.	HR MIN (°C)	ME DR	EG
												SEC. SALINITY		O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)				CTD		DATA LOCATION	484.013	(%) (mb)	RELATIVE HUMIDITY	
								8		16.5	.20	SAL NO.	· ·	X Altimeter	Trans S/N 1066PR	3				File Name/Header		3 1 1	(deg)	SEA STATE VISIBILITY DIR R	S
			:									OXYGEN NO.	SAMPLE BOTTLE NUMBER		_]	MAX. DEPTH =			はひ、	REMARKS	-	(kts) * *	CLOUD (amt) TYPE WEATHER	STATION DESIGNATION
			11									CHL (ml)	ENUMBER		Cleaned air bleed valve		TH =			1		3 4 3	(E)	I	NATION
												APPROX. FLUORO LEVEL			valve		3							STA.	

12	11 0	10 ID	9 20	8 30	7 4)	6 50	5 4 5	4 100	3 200	2 300	1 5 mob	332	POS. TRIP DEPTH (m)	1	SEC TEMP SN 3+	SEC COND SN 40	PRI TEMP SN 3+	PRI COND SN 40	PRESS SN 9+	TYPE & SN	СТВ	042543	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 0291			N H 1 - 5	MZ	LATITUDE	Dyson
												PRI. TEMP.	CTD CC	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	16539.00W	DEG MIN	LONGITUDE	
	,									:		SEC. TEMP.	CTD CONVERTED MONITOR VALUES	I MIC SUSI	pH S/N 180606]					TIME	DWDHMAY12	DAY MO YR	DATE JD=	PROJECT & LEG
												PRI. SALINITY	VALUES	>]		į	DY1204	Tape/Diskette/DVD ID		7400.	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	<u> </u>
												SEC. SALINITY	·	O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)				CTD		DATA LOCATION	184.013	(%) (mb)	RELATIVE PRESSURE	-
				*								SAL. NO.		X]				File Name/Header		35309	* * (deg)		
	910											OXYGEN NO.	SAMPLE BOTTLE NUMBER		Г]	MAX. DEPTH =		Cast #2	BO-4	REMARKS	~ ~ 7 %	(kts) * *	S N N N N N N N N N N N N N N N N N N N	STATION DESIGNATION
	283	183	281	285	282	28K						CHL (ml)	LE NUMBER		Cleaned air bleed valve		PTH =		# >>	1	ŝ	12 G	(m)	ВОТТОМ DEPTH	IGNATION
	327	326	325	32H	323	322	321	320	319	318	(L)	-APPROX:	·-		ed valve		я							STA. NAME/ID	

											R		ı	<u> </u>	19	Ŧ	6	9+1				_ \2	٥
									ı		PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			۳. و الم	MIN	NOAA RN Oscar Dyson
\prod		1							÷		PRI. TEMP.	CTD CO	X FLUORO S/N 867	X PAR S/N 4603	I	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/TIME	0 0 1	LONGITUDE MIN	
						•					SEC. TEMP.	CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606	l				<u> </u>	IME	MAY12	DATE JD=\26	DY1204
										\vdash	PRI. SALINITY	VALUES	×		ı			DY1204	Tape/Diskette/DVD ID		0	TIME (AIR (GMT) TEMP)	
											SEC. SALINITY		O2 S/N 0910 (2°) X	2 S/N 0904 (1°)	1	3		CIDONS	D File Name/Header	DATA LOCATION		RELATIVE (%) PRESSUE * SEA STA	
2)	•										SAL. NO.	-	Altimeter	Trans S/N 1066PR	•	_	2	K. S. S. S. S. S. S. S. S. S. S. S. S. S.	/Header		~ I	* VISIBILIT TRUE DIR. (deg)	ŤY
										221	OXYGEN NO.	SAMPLE BOTTLE NUMBER			1	MAX. DEPTH =	2	オスト	40	REMARKS	0 	(kg) PRUM * CLOUD (a * TYPE * WEATHER	Et)
283	ンタラ		,	28/	28 K		こなる	288			CHL (ml)	TLE NUMBER		Cleaned air bleed valve	_	EPTH = 134	not working??	Tits Dat 30 m - Winch 90	EIGB		ا تا	BOTTOM DEPTH (m)	
(3) (3) (3)	734		Ì.	333	332		331	ひいつ	ور در	328	APPROX.			d valve		36	25,000	OMC SC SAO				STA. 334	

PG 1430F___

12	11	10	9	8 10	7 20	о (у	5 40	4 50	3 75	2 100	1 Smob		묘	POS. TRIP		SEC TEMP SN 3	SEC COND SN 4	PRI TEMP SN 3	PRI COND SN 4	PRESS SN 9	TYPE & SN	CTD	044552	DEG	CONSC	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 0291				MIZ	ATITUDE	Dyson
	-											E PRI. TEMP			X FLUORO S/N 867	X PAR S/N 4603)	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	5 5 9 .	DEG MIN	LONGITUDE	
												. SEC.		ONVERTED		I]	-				JD/TIME	03W05N	DAY		PR DY
			,								\dashv	TEMP. PRI		CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606				<u> </u>	Tape/		Y 1212	X 동	TIME	PROJECT & LEG DY1204
											Н	PRI. SALINITY 8		ES	× 02	X 02 S/N]			DY1204	Tape/Diskette/DVD ID	Q	29-1.2	N (°C)	DRY BULB (AIR TEMP)	
									:			SEC. SALINITY			O2 S/N 0910 (2°)	S/N 0904 (1°)				CTD		DATA LOCATION		রা	HUMIDITY PRESSURE	-
											Н	SAL NO.		S	X Altimeter	Trans S/N 1066PR]	<u> </u>			File Name/Header		065		VISIBILITY DIR VIND	
	,		242 ;				0.					OXYGEN NO.		SAMPLE BOTTLE NUMBER]	MAX. DEPTH =				REMARKS	34	*	SPO TRUE CLOUD (amt TYPE WEATHER	STATION DESIGNATION
		:	283	<i>C</i> ,		285		2000			Ш	CHL (ml)		NUMBER		Cleaned air bleed valve		 					122 8	H	BOTTOM S	NATION BAI3
			344	343	342	341	340	339	338	337	326	APPROX. FLUORO				evit		3					8413	:	STA. NAME/ID	()

12	11	10	9 *	œ	7,	6	_{Ω1}	4	ω	2			POS.		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	045		CONSC CAST#	VESSEL NOAA R
	0	5.4	ত্য	Ś	20	NO N	N	30	よう	붕	5 mol		TRIP DEPTH (m)							S		グレエロ	DEG		VESSEL NOAA RIV Oscar Dyson
						drained			*			PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			บ	MIN	LATITUDE	Dyson
_						dry by				_		ñ		XFL]× ₽]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	7	DEG	ГО	
						other						PRI. TEMP	G	X FLUORO S/N 867	X PAR S/N 4603		ACE	r S	NWO	2		16.4	ME N	LONGITUDE	
		_		_		dronbs.	_	_	_			P	D CONV	V 867	ಏ						JD/TIME	_			
						i no san					¥	SEC. T	/EK EU N		<u></u> 무]					m	W OUT M	DAY MO	DATE	PROJE(DY1204
		,				sample take						TEMP.	SCN CR	0.14	pH S/N 180606					<u>'</u>		Y 1 2	YR	DATE JD=\35	PROJECT & LEG DY1204
						n						PRI. S/	CIU CONVERTED MONTOR VALUES	-	606				DY:	Tape/Dis		2013	HR MIN	TIME (GMT)	G
												PRI. SALINITY			य×	7			DY1204	Tape/Diskette/DVD ID) - 1 .	(°C)	DRY BULB (AIR TEMP)	
												SEC. S.		_	_	•		ě		Ď ID	DATA L	1 101.			
												SALINITY		02 S/N 0910 (2°)	0904 (1°)				 Ω	File N	LOCATION		(%) (mb)	Ž Ķ	
-										-	2)			×]			CID OHS	File Name/Header	Z	(y		PRESSURE SEA STATE VISIBILITY	-
								L	,		P 	SAL. NO.	"	1	Trans S/N 1066PR					ader		1 S	(deg)		1 (0
											187	OXYGEN NO.	SAMPLE BOTTLE NOMBER)66PR		MA			25	RE	09	(kts) *	CLOUD (amt	STATION DESIGNATION
_		,								-			SOLICEN		Clea]	MAX. DEPTH =	-		FERE A	REMARKS			WEATHER	DESIGNA
	28.3	283			180		288	28E	てると			CHL (ml)	NOMBER		Cleaned air bleed valve		"			ATTACHED		ال الد	(A)	ВОТТОМ DEPTH	NOIT
	スちょ	U)			355		249	SHC	エトに	346	13.P.C	APPROX. FLUORO LEVEL			ed valve		3			HED				STA. NAME/ID	

NOAA RIV Oscar Dyson		PROJECT & LEG	G	JRE	LITY .		NATION
CONSC LATITUDE	LONGITUDE	DATE JD=\29	TIME (AIR (GMT) TEMP)	RELATIVE PRESSURE	SEA STATE VISIBILITY DIR. VINDE	SE THE CLOUD (am TYPE WEATHER	ВОТТОМ DEPTH
DEG	DEG MIN	DAY MO YR I	Z	a	* * (deg) (*	(m)
0465939.85	N 1 6351 5	8 W 0 8 M A Y 1 2 C	0849-3.5	9/1017	300	4	7
CTD	TIMES JD/TIME	IME		DATA LOCATION		REMARKS	J.
TYPE & SN	DATA ON	 -	Tape/Diskette/DVD ID		File Name/Header	30	SOUTH
PRESS SN 9+ S/N 0291	START DOWN		DY1204	CTD	CTDOIL	Jelly in 20 upcoust.	17 2
PRI COND SN 4C S/N 2985	AT DEPTH			1		the state of the	
PRI TEMP SN 3+ S/N 2376	AT SURFACE				i	MAX. DEPTH =	TH=
SEC COND SN 4C S/N 3127	<u> </u>	}	1]]	
SEC TEMP SN 3+ S/N 4379	X PAR S/N 4603	pH S/N 180606		X 02 S/N 0904 (1°)	Trans S/N 1066PR		Cleaned air bleed valve
	X FLUORO S/N 867	Isus S/N 141	×c	O2 S/N 0910 (2°)	X Altimeter		
POS. TRIP DEPTH (m)	CTD CC	CTD CONVERTED MONITOR VALUES	VALUES		ç	SAMPLE BOTTLE NUMBER	E NUMB
PRESSURE	SURE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SAL. NO.	OXYGEN NO.	CHL (ml)
1 5 may							
2 50							
3 40							
4 6						4.	
5 2							
6							
7			ý.		A	21)	
8							
0							
10 ch max 27	_						
<u> </u>	<					,	

平	(CAX	XAX		1	3	강	50	61	67	6		POS. TRIP DEPTH (m)		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	04856	DEG	CONSC CAST#	VESSEL NOAA R/V C
										*	PRE	TRIP PTH (m)		3+ S/N 4379	N 4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			52.0		LATITUDE	VESSEL NOAA RN Oscar Dyson
	+										PRESSURE		X FLI	<u> </u>		AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES	8 N 1 64 0	DEG		
											PRI. TEMP.	CTD C	FLUORO S/N 867	X PAR S/N 4603		ACE	≖ 	NWO	_	JD/	3.6	MIN	LONGITUDE	
											SEC. TEMP.	CTD CONVERTED MONITOR VALUES	Isus S/N 141	pH S/N 180606]					JD/TIME	2 W 0 8 M A Y 1 2	DAY MO YR	DATE JD=	PROJECT & LEG DY1204
											PRI. SALINITY	OR VALUES	141	30606				DY1204	Tape/Diskette/DVD ID		2 1 2 3 9 - 3	HR MiN	TIME (A	LEG
				-	755	250	7	155,75	751,753	15%	SEC. SALINITY		X O2 S/N 0910 (2°)	X O2 S/N 0904 (1°)]					DATA LOCATION	991.0	(°C) (%)	DRY BULB (AIR RELATIVE TEMP) HUMIDITY	
							45	6	753		الله SAL NO		2°) X Altimeter]			CTD	File Name/Header	TION	16 290	(mb) * * (deg)	PRESSURE SEA STATE VISIBILITY DIN TRUE	
										050,058, 200	OXYGEN NO.	SAMPLE BO	l	Trans S/N 1066PR	,	MAX. D			M2	REMARKS	0 2	g) (kts) * * *	SPECIAL SERVICE SERVIC	STATION DESIGNATION
					285	282	288			2	CHL (ml)	SAMPLE BOTTLE NUMBER		Cleaned air bleed valve	,	MAX. DEPTH =			center ca	RKS	77	(m)	BOTTOM	SIGNATION
					198	' 360	. 359	356, 357, 359	. = %	353 34 355 "	APPROX.	Z 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		ed valve		з	and second	Cast #1				STA. NAME/ID		

12	11	10	စ	œ	7	თ	υ	4	ω	2				POS.		SEC TE	SEC C	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	<i>0</i> 4		CONSC CAST#	VESSEL NOAA R
,		Ö	10	12	12	12	\ <u>0</u>	2	بر نو	(V)	ζŅ (Y)		ָרַ ב	TRIP		SEC TEMP SN	SEC COND SN	MP SN	ND SN	NS S	SN SN		956	DEG	# č	EL R/V Osc
			<u> </u> 	<u> </u>			<u>্</u> য	<u> </u>			<u> </u>	_		3		3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			1 5	MZ	LATITUDE	VESSEL NOAA R/V Oscar Dyson
												PRESSURE				4379	3127	2376	2985	0291			8/2 N	_	DE .	ň
												R			×	×]	AT SU	AT DEPTH	STAR.	DATA ON	TIMES	1 6 4	DEG		
												PRI.			LUORC	X PAR S/N 4603		AT SURFACE	HTG	START DOWN	9	-	H O H		LONGITUDE	
								,				PRI. TEMP.		CTDC	FLUORO S/N 867	4603			1	_ 	l	ē	03	ME	UDE	
								_				တ	-	ONVER								JD/TIME	W 0 8	DAY	<u> </u>	
												SEC. TEMP.	:	TED MC	Isus	Pro]						MAY	MO	DATE JD=	PROJEC
		_										P		NITOR	Isus S/N 141	pH S/N 180606					_		1 2	Ŕ	Ĭ	PROJECT & LEG DY1204
				!								PRI. S/		CTD CONVERTED MONITOR VALUES		6				DY1	Tape/Diskette/DVD ID		307	HR MIN	TIME (GMT)	ှ
												PRI. SALINITY								DY1204	kette/D		1 3	(°C)	DRY BULB (AIR TEMP)	
		9			76		76	7				SEC.			X 02 S/N	X 02 S/N	J				S E	DATA	99			-
		ガ	66	~	4.76		762	60				F NUTS C. SALINITY			N 0910 (2°)	N 0904 (1°)			ı	l	Ξ!	A LOCATION	0	%	RELATIVE	
					מט		763					17 V			2º)	3	,			CTD	File Name/Header	TION	16	(mb)	PRESSURE	
		よんと										SAL. NO.			Altimeter	Trans	J				/Head		2	6	SEA STATE VISIBILITY	1
														တ		Trans S/N 1066PR					œ		781	(deg) (TRUE TO DIR.	S
												OXYGEN NO.		AMPLE		66PR		M			1	22	4	(kts) *	CLOUD (amt)	TATIO
												NO.		BOTT]	MAX. DEPTH =			12	REMARKS		*	TYPE	N DESI
		زگر 80 100	283	283	297	287 1 - 1		28	281	283	283	CHL (ml)		SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		PTH =			center	S	73	(m)	BOTTOM DEPTH	STATION DESIGNATION
		367	366			C	363, 364, 365	362				APPROX.	Nuts	,		leed valve		Э			cast #2		5		STA. NAME/ID	
		9	•	b	I <u> </u>		3				> 5.50	DAT	•		1						1	<u>- </u>	· · ·	<u>. </u>	•	<u> </u>

PG 49 OF ___

12	11 (10 ch m	9 6	8	7 170	6	5 20	4 30	3 4 ₀	2 50	1 60		POS. T		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	СТВ	0505		CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
)	max 10m	max 20™	F=	Œ H			_					TRIP DEPTH (m)			_				10		5652	DEG N	Ei .	Oscar D
						v						PRESSURE			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291			. 1 3 N	MIN	LATITUDE	yson
								_				RE	;	×	I×]	AT SURFACE	AT DEPTH	START	DATA ON	TIMES	164	DEG	_	
						120110	8	1 2011/6				PRI. TEMP	0	FLUORO S/N 867	X PAR S/N 4603		RFACE	HT	START DOWN	N		03	Mil	LONGITUDE	
					hotele	-	8	15				MP.	CTD CON	N 867	03		}				JD/TIME	8 N	L	m	
					0	that.	A. M.	1				SEC. 1	CTD CONVERTED MONITOR VALUES]					m	08 M A	DAY MO	DATE JD=	PROJE(DY1204
						2	red	Pales V	-			TEMP.	MONITOR	ISUS S/N 141	pH S/N 180606			1	'	•		Υ 1 2	O YR	JD=	PROJECT & LEG
) R5						PRI. S.	R VALUES		908				DΥ	Tape/Dis		2119	HR MIN	TIME (GMT)	EG
							TRIV	5				PRI. SALINITY		>	٩×	1		ļ	DY1204	Tape/Diskette/DVD ID		1 3	(°C)	DRY BULB (AIR TEMP)	
				,								SEC.		02 S/N	02 S/N	•				D	DATA	279		REL	
												SALINITY		0910 (2°)	0904 (1°)					File	LOCATION	0	(%)	RELATIVE	-
									,		ε	\vdash		×	<u>I</u>]	:		CTD	File Name/Header	ž	2	(mb) *	PRESSURE SEA STATE VISIBILITY	1
												SAL. NO.		Amneter	Trans S/N 1066PR					ader		075	(deg)	TRUE WIND DIR.	
	. 234											OXYGEN NO.	SAMPLE		1066PR		<u>s</u>		_ _ _	Į	2	02	(kts) *	CLOUD (amt)	STATIO
									_	ļ	_	N NO.	BOTTL]	MAX. DEPTH =		Ar de	M2	REMARKS		*	TYPE WEATHER	N DESIG
										ŧ		CHL (ml)	SAMPLE BOTTLE NUMBER		Cleaned air bleed valve		TH =		after deployment	enter	57	73	(m)	BOTTOM DEPTH	STATION DESIGNATION
												APPROX. FLUORO LEVEL	~		eed valve		а		Cast	~			-	STA. NAME/ID	

12	11 0	10 dil ma 2	9 chl max 2	8 18 H	7 1% 1	6 10	5 20	4 30	3 40	2 50	60		POS. TRIP DEPTH (m)	1		SEC TEMP SN	SEC COND SN	PRI TEMP SN	PRI COND SN	PRESS SN	TYPE & SN	CTD	0/5/1/5/0	DEG	CONSC CAST#	VESSEL NOAA RIV Oscar Dyson
		20	20	AP.	\$							PRESSURE	<u>3</u>			3+ S/N 4379	4C S/N 3127	3+ S/N 2376	4C S/N 2985	9+ S/N 0291	-		5 - 5 O Z	ME	LATITUDE	ar Dyson
					-							E PRI. TEMP.	CTD	X FLUORO S/N 867		X PAR S/N 4603	I	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD	16403.75	DEG MIN	ONG	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES			pH S/N 180606	j					JD/TIME	W D & M A Y 1 2	DAY MO YR	NATE JD=	PROJECT & LEG
		:										PRI. SALINITY	RVALUES				1			DY1204	Tape/Diskette/DVD ID		2150-2	HR MIN (°C)	7 × ×	LEG
												SEC. SALINITY		O2 S/N 0910 (2°)		X 02 S/N 0904 (1°)	-			CTD		DATA LOCATION	277.011	(%) (mb)	RELATIVE HUMIDITY	
												SAL, NO.			_	Trans S/N 1066PR]			į	File Name/Header		055	(deg)		
	234											OXYGEN NO.	SAMPLE BOTTLE NOMBER	2011			3	MAX. DEPTH =		after c	M2 (REMARKS	8 0	(kts) * *	CLOUD (am TYPE WEATHER	STATION DESIGNATION
		:										CHL (ml)				Cleaned air bleed valve		= HTc	take .	deplayment cast	Center	S	73	(E)	воттом Дертн	SNATION
												APPROX. FLUORO LEVEL				d valve		3	2	rast	,				STA. NAME/ID	

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12	11	10	9	œ	7 0	6	σ υ	4 ()	3 H ₀	2 5 5	1 57 mass		POS. TRIP DEPTH (m)	1	SEC TEMP SN 3+	SEC COND SN 40	PRI TEMP SN 3-	PRI COND SN 4(PRESS SN 94	TYPE & SN	CTD	0 । । । ।	DEG	CONSC CAST#	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 0291			/ / 0 z	MIZ	LATITUDE	Dyson
	;											E PRI. TEMP.	CTD CC	X FLUORO S/N 867	X PAR S/N 4603]	AT SURFACE	AT DEPTH	START DOWN	DATA ON	TIMES JD/I	16413.10W	DEG MIN	LONGITUDE	
												SEC. TEMP.	CTD CONVERTED MONITOR VALUES	ISUS SUBI	pH S/N 180606	3					JD/TIME	10 M A Y 1 2	DAY MO YR	DATE JD=\30	PROJECT & LEG
												PRI. SALINITY	VALUES	>	٩×]			DY1204	Tape/Diskette/DVD ID		0144-2.3	HR MIN (°C)	DRY BULB TIME (AIR (GMT) TEMP)	:G
												SEC. SALINITY		O2 S/N 0910 (2°)	O2 S/N 0904 (1°)				CTD		DATA LOCATION	80.00	(%) (mb)	RELATIVE HUMIDITY PRESSURE	
											270	SAL. NO.		X]	i		CIDO53	File Name/Header		00	" (deg)	SEA STATE VISIBILITY DIR R	
											217	OXYGEN NO.	SAMPLE BOTTLE NUMBER		Г]	MAX. DEPTH =			Ball	REMARKS	رَ <u>و</u> 	(kts) * *		STATION DESIGNATION
												CHL (ml)	TLE NUMBER		Cleaned air bleed valve	- -	PTH =	$\Phi = \frac{1}{2} \left(\frac{1}{2} \right) \right) \right) \right) \right) \right) \right) \right) \right) \right) \right)} \right) \right)} \right)}$		NORTH	Š	6 9	m (m)	BOTTOM DEPTH	IGNATION
												APPROX. FLUORO LEVEL	. 8		ed valve		3			7			-	STA. NAME/ID	