						(%)		Œ.						•	Pg.		of	
Consec	.Cast #	100	Vessel MILLER	FREEM	Proj AN MF	. & Leg 91.06 F	OCI Ever	+	el Sta. I.D.	Instru	uctions				Sta. D	esignatio	n	
Consec Cast #		Latitu . l	ode N	r	Longitude	e E Da or	te $JD = 13$	q Ti G Yr. Hr.	me MT Min.	Dry Bulb	Wet Bulb	Bar. mb	Wind Dir.	Wimd pnol	Bott Dept		ta. Nam or I.D	e
001	5 5	15	7 I N	1 5	5475	9 W I	9 M A Y	1 1 3	3250	70	058	193	8305	146	717	91	R9	
	SN_2 SN_7	701		Ter Co	ess np	Deck		urface	at Sur Start Do at Bot Start at Sur	on 13° face	JD/Time 1/1313 294 39	Таре	e/Diskette I			ne/Head	er	
S D	T	Trip	Time Depth	@			r Values		C	onv. Mon	. Values-CT			ple Bot.D		1	Other	
1000			Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Thernit	Avg Tw	Sal.	Bot. #	MZ/	-
1 28		60		1336	Elleville	-,42			59.103	4.214	30.93	32.832	1.162				Chl	2
3 3/4/	+	۰			2		15	-						#50			MZ	
		50		1338	9	= 01			50,048	4.762	31261	35.674					MZ/ ChL	+
4 29		40		1340	2_				39.704	4.838	31.3/1	32.662	3				MELL	
5 _						_ =								-	1177			
6 20		30		1341					39.703	4.921	31. 375	32.650	3.486				mz/ch	1
7 -					1	Œ									(6)			
8 21		20		1342					19.648	4.964	31,398	32.648	4.907				mz/chi	_
9 _	-								=									
10 2	2	10		1344	303				9.691	5.004	31.414	32.634	4.897				MZ/ch	L
11 38	B		1324	1329					302.296	4.103		33.962	1000 T	4.11		24		
12 4	H	1											*					

CAL+ MZP

Initials Pw

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

Consec.Cas		Vessel	R FREEM		. & Leg 91,06	FOCI	Event	# Ve	ssel Sta. I.D.	Instr	uctions				Sta. D	esignatio	on P9	
Consec.	Latitu	ide 1	or S Deg	Longitude		Date	JD =		Time GMT r. Min.	Dry Bulb	Wet Bulb	Bar. mb 's' 1623 - 6 's'	Wind Dir.	Sp. Cloud	Ment Bott	_000	Sta. Name or I.D	
S	508	41	N IS	5 5 9 72	W	1 9 M	1 A Y 9	1 1	7370	60	0 5 2	2 2 3		1 1 1 3		00	P9	
CTD Type & SN_	91220-	A				nitor (	Checks	_	· Tin	nes	JD/Time	_		Datta Loca		<i>,</i> , ,		
Press. SN_				on	Deck		at Su	rface		on <u>139</u> face	•		/Diskette I + 002	4.5	File Nar			_
Temp. SN_			1	ess					Start Do	own			1 002	V	<u> </u>			
Cond.SN_	304		1	np					at Bot		<del>137</del> 7 <b>37</b>							_
	<del></del>	<del></del>		ond					at Sur	face	152	Remai	rks					
T	Trip	Time		her	Mon	itor V	alues			onv. Mor	n. Values-CT	 D	unte San	nple Bot.D	ata	Sal.	Other	Pos.
Bot. Rac	k Depth	Depth	Trip	Press.	Temp			Other		Temp.		Sal.	Therm-P		Sal.	Bot. #		a.
1 28	60	1744	1744						58,655	3917	32.800	32,793	1.650				m=/ch_	
2													- 6					2
3 3/4/	50		1746				4		50.117	4,530	31.099	32715	1.885				mz/chl	3
4 29	40		1747						Hero	4,703	31.	32.698	1.641				MZ/ Chl	4
5 _																		5
6 20	30		1749						29,569	4.841	31.3%	32,68/	20168				mz/ /chil	6
7 -										OK.					1			7
8 21	20		1750						14.666	4.957	31,407	32.666	1.631				mz/ /chl	8
9												30						9
10 22	10		1751		<b>2</b> 4				9.513	5,056	31.454	32.629	0.659				me/ Chl	10
11 //		H31											(4)			23		11
12 Light	K	,34							301. 5	4.012	31899	33.990	0.303					12

CHL+MZP, GONA

Initials 🚇

Micials 4800

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

					3		60							Pg	. <u>3</u> c	of	
Consec.(	Cast #	Vessel MILLER	FREEMA	Proj. N MF	& Leg	OCI 19	ent# Vesse	el Sta. I.D.	Instr	uctions				Sta. D	esignation	~	
Consec Cast #	Latitu		1	Longitude	E Da	ate JD =	/39 <b>T</b> i	me MT Min.	Dry Bulb	Wet Bulb	Bar. mb 1024.8	Wind Dir.	Wirad Pio	Dep		a. Name or I.D	e
003	5451	4 0 N	156	324	5 W 1	9 M A Y	9121	361	0 2	082	25		00846	; 1 19	20	R	3
		4			Moni	tor Checks		· Tin	nes	JD/Time			Datta Loca	ation			
lype & Si	25084	<u>·                                     </u>		on	Deck	at:	Surface	1 -	on		Ta	pe/Diskette	I.D.	File Na	me/Heade	<b>:</b> F	107
		<del>-</del>	Pres	s		1943		at Sur	face	26 15	_		<del> </del>	Castoo	3-19 M	ay 212	15
	N <u>701</u> N <u>304</u>		1					- Start Do	own <u>2-1</u>	26 15			<u> </u>				
Cond. 3	N						··										
<del></del> -	-		1	d		_		at Sur	face		Rem	narks					
				er					a off				1 70 . 0		Sal.	Other	_
8 Bot	T Trip Rack Depth	Time	@ Trip	Press.	Monito Temp.	Cond.	Other	Press.	onv. Mor Temp.	. Values-CT Cond.	Sal.	Therm-P	mple <b>Bot.D</b> Avg Tw	Sal.	Bot. #		Pos.
1 28		Берит				31.002				Cong.	Jui.	11101111		54		MZ/	1
2 _	1			., 0., 16	7. 110	3	32.773										2
3 3/4/	V 50		4	19.609	4.646	31.161	27.677	V= 1.2	32							MEKLL	3
4 29						31,287			1							MZ/CLL	4
5 _	/																5
6 20	V 30			79.866	5 020	31.429	27.64	V= 1.4	189			1				m2/CKL	6
7 -	V				.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,										8		7
8 21	V 20			19.5/5	5.410	31.5/2	32.60	EV= 10	240							MZ	8
9	V			- 47.= - "													9
10 22	10		. (	9.587	5.19	31.553	32-60	8 V= 0	. 591			10				mz/ /chl	1
11 28	В	21363	Е	304.92				Z V=0.			H.		4,06		33		1
12 Light	V				220												13

Initials UF

K

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

Cons	sec.(	Cast #	064	Vessel MILLEI	? FRF	FMAN	Proj.	& Leg	FOC	Τl	Event#	Vessel	Sta. I.D.	Instru	ctions				Sta. C	Designatio	n	
Cons Cast		Deg.	Latitu	ide l	N or	Long	gitude	E or W	<b>Date</b> Day	JD	=  40 . Yr.	Tim GM' Hr.	т	Dry Bulb	Wet Bulb	Bar. mb	Wind Dir.	Winad Po	Dep	tom S	ita. Mam or I.D	ie
00	4	54	42	92	N 1	573	4 3	O M	20	мА	Y 9 1	04	130	78	0 6 2		28280	1036	1 1 1	46	N9	7
Type Pres	CT & SI ss. SI sp. SI	N <u> </u>			. T	Press. — Temp. — Cond. — Other —		Deck	<del></del>		at Surfa	ce	at Surf Start Do at Bott Start at Surf	on ace wn4 om4 Up	03 15 12 58		pe/Diskette I 25+# 04 narks			me/Head		62
Sol	Sor	T Rack I	Trip	<b>Tim</b> Depth	e @	Pre		<b>Mor</b> Tem	nitor V	/alue Conc		ther	Co Press.	Temp.	Values-C7 Cond.	D Sal.	San Therm-P	nple <b>Bot.D</b> Avg Tw	ata Sal.	Sal.	Other Samp.	Pos.
			60	Depth	Trip	FIE	255.	I CITI	р.	Conc	<u>.                                      </u>		59,559		30:111	32,073		AVEIW	Jai.	BOC. #	MZ/	1 .
2			/										5-11-25-1	100.	50.11		-					2
3 3	141		50										49,921	4.622	30.069	32.000	V=,742				m=/chi	3
4	29		40										39.986				3 V= 4.102				MZ/	4
5			/					15											\$5 -			5
6	२०		30										30.091	4.568	30.482	31,971	v=4.0.18				me/chi	1 6
7	_		V																			7
8	21		20		<u> </u>				A				19,716	4,591	30.494	31,969	v=5.029				m2/ chl	<u> </u>
9			~																			9
10			10			·   _		10					9.949	5.114	30.909	31.948	v=7.324	/			me/ch	1
11			60									ke =	59,57	14.000	30.121	32.07	8 V= .542			30		i
12	Liak	t l	* /	-	1				77.				}		ļ		I I	10			K	10

Initials LAF

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

						1.											Pg. <u>5</u>	_ of _	
Consec.	Cast #	1	Vessel	EDECMAN	Proj. MF	& Leg	FOCI	Event	# Vess	el Sta. I.D.	Instru	tions				Sta	a. Designa	tion +	
Consec Cast #		titud Mi	e N		ongitude.	E or		JD = 140 Mo. Yi	G	MT	Dry Bulb	Wet Bulb	Bar. mb (024,1	Wind ∴ Dir.	Wirad Pond Sp. Cond		Bottom Depth, m	Sta. N	Vame I.D
005	549	50	8 0 N	157	495	5 W	201	M A Y 9	1 1 (	520	60	050	283	7265	1000	000	144	LC	计
CT Type & S	D 912	20 <b>-</b> A				Мо	nitor	Checks		· Tim	es J	D/Time			Data Loc				
	N 250		<del></del> -		on	Deck		at Sui	face		on		, i	/Diskette I.			Name/He	V V	
1	N 701			Press	S	(2)		<del></del>		at Surfa	oce wn_/o!4	6:50	-   <u>Co</u>	1005	<del></del> #	Cast	005_2	DMAYIC	<u>&gt;43</u>
	N 304			Temp	)		<u> </u>			at Bott	om 10:51	;) <sub>0</sub>							_
- 12				Con	đ					Start	Up	3	Remar	ks					
			<u> </u>	Othe	er						off								
S.S.	T Tr	ip	Time (	<u>a</u>			itor V			Co	nv. Mon.	Values-CT			ple Bot.D		Sa	l. Ot	her o
	Rack De	pth [	Depth	rip	Press.	Temp		Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	AvgTw	Sal	l Bot		
1 28	60	2 1	102	77.00	H-4200W					60.939	3.661	29.923	32.186	0.532		23		17	chi 1
2 -														1250					2
3 3/4/	5	0	104			41				50.612	3:665	29.98	32.180	0.518				m <sup>2</sup> /c	CH 3
4 29	4	0	105									29.963			1,4,8			MZ	Chl "
5 _		92									- W								
6 20	3	0	106							30.771	3.771	29.982	32.162	0.78				W.	The !
7 -																			
8 21	2.	0	107							20.841	4.104	30.214	32.115	1.069				m	Z/chl
9 _			<b>~</b>												= .				
10 22	1	0	1108			2				10.186	4.456	30,484	32.092	1.104				~	7/ch4
11 38		10	10:53:40						155	110.832	3.578	29.895	32.208	0.459	3,60			21.	
12 Ligh	†	= 54											5					1	

Initials Pw ✓ MC

Sta. Designation

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

Consec.Cast #

Vessel

MILLER FREEMAN

Proj. & Leg \_MF 91,06

FOCI

Event#

Vessel Sta. I.D.

Instructions

	on: Cast	ec. #	Deg	Latitu , !		N or S D	Longi eg.	tude	E or W		<b>JD</b> =		GI	me MT Min.	Dry Bulb	Wet Bulb	Ba m	r. b %	Wind Si Dir.	Wirad BOO	Weath.	Botton Depth,		a. Name or I.D	;
C	7 (	6	5 4	159	78	N [	5805	56	W	20	M A Y	9 1	15	330	6 7	0 5 2	2	9 3	52	1 1 1 1	1 1	012.	2 +	197	
Ţ		CŢ	D	91220-	A					nitor	Check	.s		Tin	nes	JD/Time		-		Data Loc	ation				
				25084		-		on D	eck		a	t Surfa	ce	Data	on 140 ace 15	2/-		•	/Diskette l			e Name,			
- 1				701		_   F	ress	·						- Start Do	own <u>15</u>	27		C45	t 006		Cast	006_2	OMAY	1526	
	Coi	nd. St	ν	304		_   τ	emp							at Bott	:om	180	<b></b> -			<del></del>					
						-   (	Cond			<del></del>				Start	UpS	543	_	Remar	ks Data F.	ron In to	ion m	ušsingo	~ Dm	m cost.	
Ŀ	_					_	Other							— Data	a off			工分~	ks Data F.	Data.	. ere	with the	gle o		
	S.	Bot	T Rack	Trip	Tim Depth	e @	Pres		Mor Tem	nitor V	/alues Cond.	10	ther	Press.	onv. Mon Temp.	. Values-C7 Cond.		Sal. II	' San	nple <b>Bot.</b> D Avg Tw	ata		2a!.	Other Samp.	Χİ
	_	28		60	Берип	1535		3.	T CITI	P	Cond.		LITEI	60:1072	ras artikurs			(a) The 112		, (1 <u>65</u> 1 (1)				MZ/CLL	10 m
	2			50		132			<u></u>					1001012	3, 1,2	34,112	20,	7						, , ,	2
	3	3/4/	8	50	Á.	153	7					-		51,783	3,688	24.898	32	(۱34	0.781				**	m2/chl	3
-	4	29	Š	40		153	1						30	41.205			10		0,933		3.	s		mª/chl	4
_ [		_					-						-			-			Ю						5
	6	20		30		1540	,							30,376	4.059	30:139	132	066	1.138					m=Z/chil	6
	7	1					-						· ·		=			-						=	7
	8	2 <sub>1</sub>		20		154	1							20.185	4.286	30.321	39	1.067	1,323					In E/ChL	8
	9						1													Ü.			<u></u>		9
	10	22	,	10	77	154	2		_					7.927	4.538	30.504	39	.035	1.41(					Way ch	10
		11		100		153	2						<u> </u>	100,4-12	i			346	0.405				22	-	ļii '
	12	Light Monte	†				1	ŝi	68										2						12
						- 1.		$\sim$															Initials	PW	

CHL+MZP

V MC

Bottom

Depth, m

File Name/Header

Cast 007\_20MAY 1930

Sta. Name

or I.D

H97

Sal. Other

Sal. Other Sonp.

Cloud Paich

**Data Location** 

Remarks chlor appears to be maxed out at

Sal.

Sample Bot. Data

Therm-P Avg Tw

Wind

Dir.

Tape/Diskette I.D.

V=10,000

V=1.187

Cast 007

S S

mb

Sal.

32.244

Consec.Cast #

Consec

Cast #

007

Type & SN 91220-A

Press. SN <u>25084</u>

Cond. SN \_\_\_ 304

Bot Rack Depth

Trip

Latitude

Min.

Vessel

MILLER FREEMAN

Time @ Depth Trip

Deg.

Proj. & Leg

on Deck

Cond.\_\_\_\_\_

Other\_\_\_\_

Press.

Press. \_\_\_\_\_\_

Longitude

ME 91.06 FOCI

or

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME MZCLL 1 28 60 2 3 3/4/ 50 50.564. 32.222 V=3.057 3.802 30.067 ME 29 30,213 32.195 40 4,011 V= 6,230 40.152 3/ 6 20 30 V= 9.395 4.317 32.173 30,446 30,053 m=/chl 8 21 20 19,953 4,409 30,516 32,171 V= 10,000 9 10 22 30,844 32,172 10 9.835 4.804 = 10,000 11 // 168.239 4.004 30,866 32.905 winch Rate is 12 light not steady and is uncertain. Problems with 12 Light 12 Initials Pw CHL+MSP

Vessel Sta. I.D.

Time

**GMT** 

Hr. Min.

Instructions

Wet

Bulb

5 2

Dry

Bulb

Data on\_\_\_\_

Start Down\_\_\_\_

at Bottom\_\_\_\_

at Surface 1937

Start Up

Temp.

3.573

Conv. Mon. Values-CTD

Cond.

29.899

at Surface\_\_\_\_\_

Data off \_\_\_\_

Press.

59.906

Times 140 ID/Time

Event#

at Surface

Other

101

Date ID =

W Day Mo. Yr.

**Monitor Checks** 

**Monitor Values** 

Cond.

Temp.

winch Rudovt

Very Derce Thytoplanton - see sample 6027A

Consec.Cast #

Vessel

Proj. & Leg MF 91.06 FOCI

	пѕе		Cast 00°		Vessel   MILLE	R FREE!	Proj MAN MF	. & Leg 91.06	FOCI	Event	#  Ve:	ssel Sta. I.D.	Instruc	tions				Sta.	. Designatio	חנ	
Cor Cas		<u></u>	Deg	Latitu g. 1	ıde	N or S Deg	Longitude	e E I	Date	JD = 142 Mo. Y			Dry Bulb	Wet Bulb	Bar. mb 1034.1 vi	Wind Dir.	Wirad Pol	Weath.	epth, m	Sta. Nam or I.D	
0	٥	४	5	623	5 5	N 15	7007	9 4 3	) 2 M	1 A Y 9	1 0	9500	80	0 7 0	283	7210	080	00	171	1213	
Tvr	ne å	CTI	D Z	91220-	Α				nitor (	Checks	•	· Tim	ies Ji	D/Time	v		Data Loc				
				25084			on	Deck		at Su	rface	at Suef	on ace		· ·	/Diskette I			Name/Head		
				701		·	ess					- Start Do	wn oa	44		t 008	<del>-</del>	Casto	>8-22m	<del>س ١٩٩</del> ٢	•
Cc	onc	12 .b	٧	304	<del></del>		mp					at Bott	om0 Up0	(44							
_		-					ond					at Surf	face 10	05	Remai	-ks					
_		$\overline{}$	<del>-</del>	Trip	<b>T:</b>		ther		tor Va				off	Values-CT		, San	nple <b>Bot.</b> [	) <sub>2</sub> +2		Other	Τ.
Pos.	B	ot F	l Rack	Depth	Tim Depth	e @ Trip	Press.	Temp.			Other		Temp.	Cond.	Sal.	Therm-P		Sal.	Bot. #	Other # Samp.	0
	1	8	Ø 1	60		0959		4700		-		59.817	4.472	30.420	31.977					W3/ Khl	Ţ
2	-	-		¥.								.W= =		- 25	-					-	$T_2$
3	3/	141		50		10:00					<del></del>	49.936	4.553	30,483	31.977	5.664				mz/ CHL	3
4	2	29		40	a.	10:01								T	31.985					MZ/	T
5	Т	-	_				1					·	1					5.*		<u>\$</u>	
6	2	0		30		10:02						29.736	4.723	30.627	31.988	9.526		4		mZ/ chi	1
7	7	_					1						1.110	1	1	2					T
8	2	Σ <i>I</i>		20		10:03						4.595	4.766	30,657	31,988	9, 849				12/ /ch	1
9	T	_					: 12								16		7				
10		22		10		10:04		35				9.591	5.118	30,936	31.974	10.000				m2/	
$\Box$	Т-	_	В		69:51:6	on:St.7	7					151.145		29.413	32111	V=0.332			0%		
		ight										l		**			п				ا
			-				_ <del></del>					30	<del>-1</del>	<u> </u>		<del> </del>			Initial	s (A)	

Event# Vessel Sta. I.D. 147

Instructions

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

Consec.Cast #

009

Vessel

MILLER FREEMAN

Proj. & Leg MF 91.06

FOCI

Event#

Vessel Sta. I.D.

Instructions

Consec. Cast #		Latitu	Or	-	Longitude	or		JD =		Tir G1	4T	Dry Bulb	Wet Bulb	Bar.	Š	ভ Wind Dir.	Wirad Pool	/eath.	Bottom Depth, r		a. Name or I.D	е
009	Deg.	T	19 3 N	Deg 1 S	6471	OW		Mo.	Yr. 9 1	Hr.	Min. 2 1 0	6 5	060	mb 1024.5	3	1 1 1	1 . 1 . 1	006	07		F13	
CT Type & SI		1220-/		-	1.1.1.1.		السالية ا	Checks	, L.	1 1	Tin	<u> </u>	JD/Time				Data Loc	ation			<u> </u>	<u>.                                    </u>
Press. Si				95	on	Deck		at	Surfac	e	Data		22			/Diskette I			Name/			
Temp. SI	۷ <u> </u>	01		Pre	ess						at Sur Start Do	ownil	23	-	C43	+ 009	_	Cost	00922	MAY L	20	
Cond. SI	<u> ۷_3</u>	04		Ter	mp						_ at Bott		25 25	_ =					HT			
				1	ond						- Start		26	R	emar	ks						
	<b>-</b> I	Tu:-			her					2		a off		- 13	Te ki	142				C.I. I	0-1	_
S Bot	Rack I	Trip Depth	Time Depth	@ Trip	Press.	Mo Tem	nitor \	Cond.	Ot	her	Press.	Temp.	. Values-CT	D Sal		Therm-P	nple <b>Bot.D</b> Avg Tw		al. B	1	Other Samp.	2
1 28		60		1127					40		60.915			31.9					123224		WZ/ CHL	Γ
2 _		60									30.713	1.422	30.8(1	191.1	7	1,301					/CHL	
3 3/4/			-			22													SVIII :		m2/	+
	2	50		198							50,588	4.015	30,534	31.9	79	5.293	E. 10. 1/2	W	些	2	MZ/	-
4 29		40	- 6	129							40.749	4.668	30.579	31.9	18	6.094					1chL	1
5 _																						
6 20		30		1130							30,659	4827	30.718	31.99	13	G00.61					12/chi2	
7 -		Di							ī		3											Ť
8 21		20		1131							20.519	4.865	7- 34	1 31.9	97	9,717					mz/	1
9 _				<u> </u>							00:21(	1- 000	30/11	3	2				=		72.12	1
10 22		10	10	1132				-			10:709	F-60-E	31.040	31.9	92	10.000	24				mz/ /cHe	L
11 //		60	3.5	1126	T .						60.898	17504		70	445	1,235				08	1	
12 Light								· · · · · ·			1 T T S 2 1 1				WZ I							
	¥	L	<u> </u>	· ·							75-47						<u> </u>	<u> </u>		Initials .	(R)	

Pg. <u>10</u> of \_\_\_\_\_ Sta. Designation

Sta. Name

or I.D

Bottom

Depth, m

Cloud beath.

 ${\sf Wind}$ 

Dir.

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

Consec.Cast #

Deg.

Consec

Cast #

Vessel

Latitude

Min.

MILLER FREEMAN

Deg.

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or

S

Proj. & Leg MF 91.06

or

W

Longitude

FOCI

Day

Date JD = 143

Mo.

Event#

Yr.

Vessel Sta. I.D.

Time

**GMT** 

Hr. Min.

Instructions

Wet

Bulb

Bar.

mb v v v

Dry

Bulb

CTD pe & SN	91220-	Д	13			or Checks		Tim		D/Time			Data Loca	tion			
ress. SN emp. SN	25084		Pre	on ess.	Deck	at S	urface	at Surf	on			e/Diskette   + 010			me/Heade 10_23 <i>M</i> A		7
ond.SN		<del></del>		mp				Start Do	om 06	7 25	-						
0110.314			i i					Start	Up	ور در	_ _						
				ond				at Surf	ace		Rema	arks (-Loo	LOMETER	MA.	XEO O	UT	
, , , , , , , , , , , , , , , , , , , ,				her		-			off				O VOLTS		W =		_
Bot. Rack	Trip	Time	@		Monitor					Values-CTI			nple Bot.Da		Sal.	Other	Ĺ
1 1 /	Depth	Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Iw	Sal.	Sal. Bot. #	Samp.	F
28 V	60			60.829	4.749	3/076	32.848	V=1.6	31				1			Chl/m2	١
-V				1			32.39										
3141	50			8	6	P	8		1.289							Ch4/MZ	-
29 V	40			39.906	4.821	34064	32.394		1.719						#	ME ME	100
- V															8 -	nicity.	1000
20 √	30	31		29.841	4.912	31.131	32.387	V=	1.650		M					chl miz	L
- V					7//												114
21 V	20			19.467	5.221	31.309	32.297	V=	7.126			=				che m	. <del>j</del>
- 1											8:						
22	.10			9.553	5.347	31.375	32.25	1/=	10.00			Fluire	ve )€!			Chym	7
1 11 /	75			0.518	4.692	30.46	9 32.3	1	206						28	nuts	5
2 Light V																	

Pg. <u>//</u>	of
Sta. Designation	97.
TOX 155	KIZ

Sta. Name

or I.D

KIB

Bottom

Depth, m

Cloud Perion

Wind

Dir.

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AND DAT	DORDIN
TIMES A	000
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ALL	VERSAL
1	INI

Consec.Cast #

Consec

Cast #

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Deg.

Latitude

Min.

Vessel

MILLER FREEMAN

OF

Deg.

Proj. & Leg MF 91.06 FOCI

or

Longitude

Event#

Date JD =

W Day Mo, Yr.

23 MAY

Vessel Sta. I.D.

Time

**GMT** 

Hr. Min.

Instructions

Wet

Bulb

5

Bar.

Dry

Bulb

Time @	Cond. Other		Deck			Data at Surf Start Do	ace 09	3L 34	1 '	/Diskette I. 5+ 011		File Nam	600		
	Temp. Cond. Other					Start Do	wn 69°		_ <u>Ca</u>	st011		Costoll.	_23MA	0932	
Time @	Cond. Other							31							Service I
Time @	Cond. Other					_ at Bott	om o	141							
Time @	Other				- 8	Start		143	Remar	1			$\dashv$		
Time @	<del>'</del>	^			* ************************************	at Surf	ace	777	Volus	for bottle #	-38 are not a	ing, but wen	e read di	rectly	
Depth T			Monitor			- Data		253 Values-CTI	from t	he display-	avg. not we	Sal.	Other		
	rip F	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.		ple <b>B</b> ot.Da	Sal.	Bot. #		Pos,
													3		ı
															2
				<del></del>					84				EV B		3
						030									4
												·			5
													777		6
						_				_					7
		-											- 14		8
															9
5			<b>#</b>												10
	0945				35.	200.1	u 392		22.846	5.327	4.42		01	nuto	11
						-	1.3.3		70.1016	0.3==	1.[*		7		12
															100-ted 2 0953 - Initials 100 to togging files - on one scaple taken 2 200 m Initials 100 continued to 11B on next gage - 15 60 m depth

ALL TIMES AND DATES UNIVERSAL COORDINATED TIME

			- music	ration	of Cos	14011								5		Pg	<u> </u>	of				
Consec	. Cast	#(A)	Vessel MILLER	FREEMAN	Proj. N MF	& Leg 91,06	FOCI Ev	ent#	Vessel Sta. I.C	).	Instru	ctions				Sta. D	esignation	KIZ				
Consec Cast # Deg. Min. S			L Deg.	.ongitude	E D	Date JD =	Yr.	Time GMT Hr. Min.	MT DIY		Wet B		Wind ⊝ Dir.	Wirad Pio	Bot Dep			<b>a</b>				
011	5	SSS	50 <sub>N</sub>	156	208	7 W 2	3 MAY	9 1	0941	06	0	050	3 2 3	7225	1851	1 1 1	32	KIZ	E			
Type &	TD SN_	91220-	Α				itor Check			Times	-	D/Time		<b>(5)</b> 1	Data Loc							
Press.	SN_	25084		40		Deck		Surface	at	Data on Surface	09	<b>5</b> 5	Tape	Tape/Diskette I.D. File Name/Header  OAST DIL_304656								
Temp.					5				Start	Dowr	1 04	<b>3</b> 6	_			043( 01		<u></u>	200			
Cond.	SN_	304	<del></del>								١					<u> </u>	= -					
									at	Surface	e		Rema	rks								
	1 +	Trip	Time	··	er		or Values				f	Values-CT	<u> </u>	San	nple <b>B</b> ot.D		Sal.	Other				
S Bot	Raci	Depth	Depth	[rip	Press.	Temp.		Oth	ner Press		Temp.	Cond.	Sal.	Therm-P		Sal.	Bot. #	Samp.	Pos.			
1 28	Section 1	60		ast.				-	59.610	ч.	666	30:659	32.066	2.524				CHL/MZ	1			
2 _						۸	_		3(.0)		440	3,03		E.			= 3.5	post of	2			
3 3/4	<b>,</b>	50	0	958					니의 귀	+O 4	· 714	30.689	32.060	3,818				CH4/m2	3			
4 29	1	40	0	959	8				i	1		30730		4.268				HUT CHL/MZ				
5 _			Ĭ									J 30	7,001			·		A	5			
6 20	,	30	1	000		·· · · · · · · · · · · · · · · · · · ·			29.9	H OS	801	30/7H2	37. 046	5,542				cHL/HZ	6			
7 -									-			J. Britis	1					liste de gas	7			
8 21		20	١	001		99			19.7	90 4	.915	32413	32.0.21	10,000				nut CHVM2	8			
9 _	-			<b>オ</b>							<u> </u>	0			×			<b>V</b>	9			
10 2	2	10		002		Y≅			7.904	1 5	5.502	30:010	31/307	D.000				CHL/M	2 10			
11 //				ě.				4,						8				-	11			
12 Liq	14	=														13			12			

Initials \_\_\_\_\_

711

Sta. Designation Fox 158

VINIVERSAL COORDINATED TIME

Consec.Cast #

012

Vessel

MILLER FREEMAN

Proj. & Leg MF 91.06 FOCI

- 1		sec t #		Latitu g. (		N or S De	Longitud	ie E or W		JD = Mo.	Yr.	Time GMT Hr.	•	Dry Bulb	Wet Bulb	Bar. mb 1032,2	S. S. Vis.	Wind Dir.	Wirad Pao	Type . Weath.	Botto Depth		a. Name or I.D	е
Ć	2 (	2	5	558	0 6	N L	56380	16 W	23	маү	9 1	1 1 3	350	50	0 4 2	1 1 1		220	125	21		12	311	
,	VD4		ΓD	91220-	Α					Checks			Tim	es 143	JD/Time				Data Lo		n			
-   '	7P° Pre	ess. S	N	25084		-   ,	0	n Deck		at:	Surfac	e	Data	on			Tape/Diskette I.D. File Name/Header  Cast 012 CASTO12_23MAY 1135							
				701		_   P	ress.						at Surf	wn	37	—   <u></u>								
				304		Τ.	emp						at Bott	om	1144		X							
2 1						_   <	ond						Start	Upl	emarks									
	_					_   c	Other							off	رے ت				114					-11
T	S.		T	Trip	Tim	ie @		~~~	nitor V	/alues					. Values-CT	D		Sample <b>B</b> ot.D			- 4-	Sal.	Other Samp.	S.
-	<u> </u>	Bot.	Rack	Depth	Tim Depth			Tem	ip.	Cond.	Ot	her	Press.	Temp.	Cond.	Sal.		herm-P	Avg Tw	<u>'                                    </u>	Sal.	Bot. #	Samp.	<u>a</u>
	1	28		60		1147	-		1 0			6	6.360	4.639	30.636	32.066	3	198				CHYNZ	X X	1
	2	_	300						7		Ww.			9				======	= -					2
	3	3/4/	Bessel	50		1148		8		XX		5	0.028	4.681	36.662	32106	0 4	,590				NUT OHL MZ		3
	4	29	100	40		1149							0.496			i i			1 1			OHE ME		4
	5	_		Ę ¥			+				8 1					192=		10						5
l	6	20		30		1150							30.341	4.787	30.734	32.05	1 3	5.566		32		CHL/MI		6
	7	-					1											W						7
	8	21		20		1150						-	20.815	4898	30.815	32-04		7.021				CHT/W3		8
77.	9						+		4									K						9
	10	22		10	<u> </u>	1151		24					10.546	4.967	30.861	32.03	y <del>†</del> !	8.857				OHL ME		10
		11	_	185		1144						=	185-429	3.887	30.331	32.38	2	3 Likac				25	nut	11
	12	Ligh Made	#	1 8		1		Ŧ																12
													•									Initials	(PU)	

Vessel Sta. I.D.

Instructions

Event#