												<u> </u>				Pg.	<u> </u>	of	
Conse	c.Cas	#01	Vesse MILLE	I R FREE	Pro	j. & Leg 90-06	F0CI-4	Event#	Vessel	Sta. I.D.	Instru	ıctions			n -=	Sta. De	esignatio	n	
Consec Cast #		Latiti g.	ude Min.	or S De	Longitud	e E or	Date	JD = 149 Mo. Yr.	Tin GM Hr.		Dry Bulb	Wet Bulb	Bar. mb 993.2 0	Wind Sir.	Wind Page 1	Neath Dept		ta. Name or I.D	e
0	5	654	99	N 15	5378	8 W	29 M	A Y 9 0	02	44	85	85	1 1 1	28288	087	6/2	916	009	A
C Type &	TD SN_)1220-A	PMEL SeaB	lird			nitor C		-		•	D/Time		=	Data Loc		•		
Press.	SN	25084		-		n Deck		at Surfa	ce] at C.	ta on ırface		1 '	e/Diskette	l.D.	File Nan DUB2: (da	-		İ
Temp.				- }	ress			6.636		Start [Down 02:	35 GMT				DOD21 (da	La_109/		l
Cond.	2N_	303			:mp			31-331			ottom02; rt Up		— <u> —</u>	44.5			(42)		
			<u> </u>		ond ther			31.556		at Su	irface			arks MF		71_29111	7402	.37	
ان	TT	Trip	Tim	e @			itor Va		М		ta off Conv. Mon.	Values-CT		e ptation San	nple Bot.D	Pata	Sal.	Other	os.
S Bot	. Rack	Depth	Depth	Trip	Press.	Temp			her	Press.	Temp.	Cond.	Sal.	Therm-P		Sal.	Bot. #	Samp.	8
120	>	60		02:52:60	59,787	4239	7	32	124								35	10 P	1
2 30	0.23	503	E.	0253,03	50389	4.466		32	061	50389	4-466	30-483	32.06/	•		32.090	33	100ml chloro	2
3 21	ļ	50.2	18	02:53:57		67					,							10 mz	3
4 29	7 _	40.19	=,	025500	40,190	4.54	9.	31,	972	,								chloro	4
5 22		40.3	361	2:55:78	91		95			8 10	80							MZ	5
6 28		29.6	1	025631		5.163	g .	31,	768		1.5	22		÷4 *				chloro	6
7 23	3	29.9	E	57:00				<u> </u>							77.			10 l	7
8 27		19.6		58:06	19,559	5.85	6	31.	568									100ml chlao	8
9 24	/	9.56		58:4L						=						×		10e mz	9
10 26		9.6		99°.47	9.5.83	5.99	9	31	546							£.,		Chloro	10
11 25	_	9.6		3005				8		ē.		=	O.	12		3,	=	10°C	_
12									ā			- 1)				250			12
												4	-		-			سعما د	

Initials <u>UF</u>

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Conse	≥c. C		Vessel MILLER	FREEM	AN MF	oj. & Leg 90-06 F00		ent# Vesse	el Sta. I.D.	instr	uctions	5 a			Sta. De	esignatio	n B	
Conse Cast #	ս 1	Latitu Deg. N	de O or 1in. S	4	Longitud	or	ate JD =) ay Mo.		me MT Min.	Dry Bulb	Wet Bulb	Bar. w	Wind Si Dir.	Wind Piol	Botto Dept		ta. Namo	e
	2 9	5632		15	5513	2 W J	9 mau	9006	42	70	70	942	8050	088	15 2	116	0 1 1	A
Type 8	CTD & SN	91220-A	PMEL <u>SeaB</u> ir	ď			or Checks		i i		JD/Time		4	Data Loc				ļ
Press.	.SN	25084				n Deck		Surface	at Su	a on face		· ·	oe/Diskette	i.D.	File Nam DUB2: (dat			
		701			ess		5.8.	.109	- Start D	own06	135:33					- 10g/		
Cona.	. 517	303			mp ond			- ,	-	tom <u>06</u> t Up	:43:16				- 5-0			
				1	ona :her				f 11	rface a off		Rem			o sta go			
Š.	<u> </u>	T Trip	Time	┵		Monito	r Values	7 7	7 040		. Values-C7	TD	Sar	のクレス npie Bot.D	7 May 0 ata 1	Sal.	Other	Pos.
	t. R2	ck Depth			Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.	Bot. #	Samp.	P.
12	0	60.6		4803		4.781		32.112		د							101mz	1
2 3 2		49.6	rv s y	19:14	49.585	4.780		32016	49.583	4.780	-	32.016		22	32.051	05	100 mC	2
3 2	12	49.6	200	19:38		2					FE		::			19	10L	3
4 20		40.9	50	3:48	40,907	5.009		31.941									chl	4
5 2 2	2	40.9	5	1:16											= .		10 g	5
628		29.8	5	2:16	29.814	5.266		31,838									che	6
7 23	,2	29.8	5	2.39		>											10 l	7
8 27	1	21.2	5	3:40	21,92	5559		31.713			2.2					38	100m	8
9 27	4	21.0	5	4:05	,												10 K	9
10 2 <u>6</u>	ó	10.7	ς	5:08	10,654	5.826		31.593				er e		į.	£2		chi	10
11 25	12	. 10-6	5	5:33		0 3		₂₄ =	,		·		100		0	111	10l	11
12				•												200		12
								<u> </u>	<u> </u>	+	15			•	e3	Initials	WF	

Initials (A)F

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Consec	.Cast	#03	Vessel MILLE		Pro	j. & Leg 90-06 F0	CI-4 Ev	ent# Vesse	l Sta. I.D.	Instru	ctions			8	Sta. De	esignatio		
Consec. Cast #	De	Latite g.	ıde	N or S De	Longitud	e E D or	ate JD =	/49 Tir GN Yr. Hr.	4T Min.	Dry Bulb	Wet Bulb	Bar. 9900		Wind Pio	- r - 1 - r - r		ta. Name or I.D	
<u> </u>	19	6 3 4	PMEL	N / S	8 19 19 18	8 W/	9 11/17	90 8	40	1 / 11 - 1	/8	965	8070	1/14/1		$\mathcal{O}[T]$	V /	1
Type & S	$\frac{N-6}{2}$	1220-A	PMEL SeaB	ird	01	Moni n Deck	tor Checks	Surface		nes / a on	D/Time	Tan	e/Diskette l	Data Loc	ation File Nan	ne/Head	er	
Press. S				. _				.060		face			,c, D.3.10ttc		DUB2: (da	•		
Temp. S				1	ress			142		own tom		- =	-					
Cond. S		<u> </u>			emp		>+	 _/		: Up			. 4/0	2/4			- <u>-</u>	
			-	- 1	Cond Other		3/	508		face		Rema			- 0	2006		
<u> </u>	T	Trip	Time	<u> </u>			or Values	- 77		onv. Mon.		D B	San	nple Bot.D	29 may	Sal.	Other	.sc
& Bot.	Rack	Depth	Time Depth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.	Bot. #	Samp.	Pos.
1/	B	3	916	821	274-794	4877		33,182					7 7 7 3		33,214	09		1
2		- 1	<u> </u>					- 11 12		п # =			1 8 S					2
3		Pe I	_## =	:		4.1			22	11		8	15					3
4					35	=	940				 		-					4
5		(y = 3) (a)			i ii				100			-8			=			5
			eXei		*								L.,		9		·	-
6				_	2_	Ģ.							58					6
7		*		ā			_ 50						}		<u> </u>			7
8]	8
9			-		10	-	4					1			2			9
10					20			<u> </u>	4 je	1		-						10
		 			·				·	-					-		7.7	╄
11	(i) (ii)	 -		e!				, o	16	=	<u> </u>	^{3±} =	12 Ta	1.7			<u> </u>	
12	<u> </u>	<u> </u>	:					15							140		1 fill	12
				· · · · · · · · · · · · · · · · · · ·							# (Fr				* 1	Initials	_ KW	и

														10.		· <u> </u>		
Consec	Cast	# 4	Vessel MILLER I	FREEM	AN MF9	j. & Leg 10-06 F		vent# Vess	el Sta. I.D.	Instru	ictions			16	Sta. C	esignatio F1	n	1
Consec Cast #	De	Latite g.		1	Longitud	e E [Date JD =	=/49 T	me MT Min.	Dry Bulb	Wet Bulb	Bar.	Wind Dir.	Wind pnology	Weath. Dep	tom S th, m	ta. Nam or I.D	e.
4	5	639	88 N	15	6062	6 W 2	9MA	909	57	74	77	973	8000	109	- s = 2	745	010	14
Type &	TD SN S	1220-A	PMEL <u>SeaB</u> ir			Mon	itor Chec	ks	Ti	mes	D/Time			Data Loc	ation			
Press.	314 <u>-</u> SN	25084	<u>Sean</u> II (on	Deck		t Surface		a on		Тар	e/Diskette	I.D.		me/Head		
Temp.				Pre	255			1/2	1	rface		_			DUB2: (da	ita log)		
Cond.	SN_	303		Ten	n p		<u> </u>	173		ttom							0.	
£2 =					nd			1222		t Up rface		Rema	arks MF9	106004	-29MA	4091	4	
Q					ner			1338	— Dat	ta off			station				10.1	1
S Bot	T . Rack	Trip Denth	Time @	p rin	Press.	Monit Temp.	or Values Cond.	Other	Press.	onv. Mon. Temp.	Values-CT Cond.	Sal.		nple Bot.[Avg Tw		Sal. Bot. #	Other Samp.	Pos.
120		60	O	721	61.075	4.708	Cond.	32.155			Cond.				Jul.	02	10 mg	1
2 30	1 -	50		S- W	50,404	4.415		32,060)		16				32.101	02	soonl	2
3 21	MU	50	33	43				32									10 mz	3
4 29		40	34	49	40,430	5,218		31.970									Sport	4
5 22	112	40	35	70%				#### ### ### ### ### #################					18	<u> </u>			logs	5
6 28	K.	30	30	eD)	30,500	5.234	5	31.738					5 99				apont	
7 23	M	30		028			- n				12 - 1						10 mz	7
8 27		20	3	717	20,584	5.904		31,596		4			= =	t.			200ml Chloro	8
9 24	MI	20	1 - 1	137											:Al		10e	9
10 24		10	30	03	10,424	6,019		31377	6 9						Fg	W	300ml	y 10
11 25	MU	10	39	125		Sa.				Ē		ĵā.	= 2	Ň		D)	10l mz	Į.
12					•										0.4			12
			Tr.			•		-		 • 	***	.			(%)	Initials	- KINN	N

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Cast #	5	Vessel MILLER	FREEM/	AN MF9	j. & Leg 90-06	FOCI-4		Vessel	Sta. I.D.	Instru	uctions	E18	601	3A	Sta.	Designatio	n 	
Deg.		or		_	or	_	, , (Dry Bulb	Wet Bulb	Bar.	Wind Dir.	Wind Proc	Weath.		ta. Nam or I.D	e
56	,		15	6198	SW	29 M	4490	11	/ /	76	78	7	38075	1 29	- 2	1978	013	4
D N 9122	20-A	PMEL SeaBir	d T			nitor Ch			1		•							
250	084		Ī	or	n Deck							Ta	pe/Diskette	I.D.				
1 70:	1		1						Start D	own		_		<u>_</u>	D0821(data_109)	<u> </u>	
1 303	3		1	•			10.183									22 22 2 3 2		
			1				21 22	/									<u>:</u>	
7 1 7	rin I	Time 6		ner				<u></u>			Values C		VO 187	Grid St	ta. GOI	3 <i>1</i> 7	Other	٠
ack De	epth	Depth 7	rip	Press.		,		her	Press.	Temp.	Cond.	Sal.			Sal.			10
		11	10	60.78	4.894	,	31,	912								22	10e mz	ı
	0	7 12			493		3	.893		3		100 mm			31,919	9 22	doome	2
خ	0	18								# #							10l mz	3
4	0	19	919	40.234	5.10	7	31,	727									chloro	4
4	0	200							L . 4	*			1				10e	5
3	0	2	028	29963	5331		31.	626					26.342				chloro	
3	0	1	049				5X III										10e	7
2	0	2	138	20,516	5.61	7	31	511									chloro	8
2	0	9	54	······································							_				× ²		MZ	9
1	0	2.	254	10.472	6125		31	228	· 1 88					1	26.		Chloro	10
· 11	0	2			3				H -				gr 😩	10			10e	11
	П				a w					200					II 51 337			12
	Deg. S () 912: N 912: N 30: T T T T T T T T T T T T T T T T T T T	Deg.	MILLER Latitude N Or Or Or S Or Or N Or Or Or Or Or	MILLER FREEM Latitude	MILLER FREEMAN MF9	MILLER FREEMAN MF90-06 Latitude N	MILLER FREEMAN MF90-06 FOCI-4	MILLER FREEMAN MF90-06 FOCI-4 74	MILLER FREEMAN MF90-06 FOCI-4 74 Time GM Cond. Cond.	MILLER FREEMAN MF90-06 FOCI-4 74 Time GMT Deg. Min. S Deg. W Day Mo. Yr. Hr. Min. Min. S Deg. W Day Mo. Yr. Hr. Min. Min. S Deg. W Day Mo. Yr. Hr. Min. Min. S Deg. W Day Mo. Yr. Hr. Min. Min. S Deg. W Day Mo. Yr. Hr. Min. Min.	MILLER FREEMAN MF90-06 FOCI-4 74	MILLER FREEMAN MF90-06 FOCI-4 74 Time Dry Bulb Bu	MILLER FREEMAN MF90-06 FOCI-4 74 Time or Deg. Min. S Deg. W Day Mo. Yr. Hr. Min. Min	MILLER FREEMAN MF90-06 FOCI-4 74 Time GMT Min. S Deg. W Day Mo. Yr. Hr. Min. Min.	MILLER FREEMAN MF90-06 FOCI-4 74 Time GNT Min. Sulb Bar. Wind Sp. Oi Oi Sp. Oi Oi Sp. Oi Oi Sp. Oi Oi Sp. Oi Oi Sp. Oi Sp. Oi Oi Sp. Oi Sp. Oi Sp. Oi Oi Oi Sp. Oi Oi Oi Oi Oi Oi Oi O	Cast # S Vessel Proj. & Leg Proj.	Cast # Vessel MILLER FREEMAN Proj. & Leg Event.# Vessel Sta. I.D. Instructions E E D SA Sta. Designation Sta. Designatio	National National

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Conse	c.Cast	# 6	Vesse MILLE	I R FREE	MAN MFS	j. & Leg 90-06 F	0CI-4	Event#	Vessel	Sta. I.D.	Instr	uctions F1	g		100		Sta. De	signatio	n	
Consec Cast #	De	Latit		N or S De	Longitud	e Ē	Date Ji Day M	D = 149 10. Yr.	Tim GM Hr.		Dry Bulb	Wet Bulb	Bar.	S. S. Vis.	Wind Dir.	Wind B	Botto Depth		ta. Name or I.D	4
	05	636		N / S	56134	,5 WZ	9/1	ey 90	12	35	78	78	97	38	050	179	- Z - 2 8	39	F/	8
T 8	TD C	91220_A	PMEL SeaB	3 20	· —·		nitor Ch			T	imes	JD/Time			 -	Data Loc	ation			
Proce	CVI 214	25084	Sean	ri ru	or	n Deck		at Surfa	ce		ita on			Tape/D	iskette l	.D.	File Nam			
Temp.			_	- _{Pi}	ress			1797			urface Down		_	_			DUB2:(dat	a log)		
Cond.				- 1	emp			6.128	W(())		ottom									
20	2.5				ond						rt Up		Re	marks	NF GO	16006	29MAY 1	725		
					ther			31.260	7	1	urface ata off			NOZ.		28	(, , , ,			
3	T	Trip	Tim				tor Valu					. Values-C				ple Bot.D	ata	Sal.	Other	Pos.
& Bot	Rack	Depth	Tim Depth	Trip	Press.	Temp.			ther	Press.	Temp.	Cond.	Sal.	Th	erm-P	Avg Tw	Sal.	Bot. #	Samp.	<u>P</u>
1	u Elegi		11 1/4		236151	4.800		3/	724								33.122	03		1
2	100						*		. 2.	2	1									2
3	100	9 3								7		25							1	3
4							194			/t										4
5						3-	1.						Hg.	I E	9					5
6			-Cir		a									W					2	6
7	13		us Wi	7	<u></u>			000				-						PS.		7
8				٩		' III						9,39								8
9				1	(a				Ī						_					9
10										(1)							3/5		\$11	10
11	13				31	E p		§	ij.	= =					-22	Q				11
12	N			- 53			*		85								646		1	12
	5			1		<u> </u>		<u> </u>			!					I	£2	Initials	2m	

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Consec.	Cast #	7	Vessel MILLE		Pro EMAN MF	oj. & Leg 90-06 F0		ent# Vesse	el Sta. I.D.	Instr	uctions	G18	G014A	1	Sta. D	esignatio	n o	
Consec Cast #	Deg.	atitu N	de	N or	Longitud	le E D or	ate JD =	149 Ti	me MT Min.	Dry Bulb	Wet Bulb	Bar.	Wind	Wind Page Sp. O	Meath Dept		ta. Name or I.D	e
7	56	32	24	n /	56062	2 42	9 MAY	90/3	37	72	72	973	3805	5//8	622	89G	014	4
CT Type & S	D N 9122	20-A	PMEL SeaB	ird			tor Check				JD/Time			Data Loc				
Press. S	N 250	084		.		n Deck		Surface		ta on ırface		Та	pe/Diskette	I.D.	File Nar DUB2: (da			
Temp. S				٠ ا	Press		2.0	104	- Start E	Down		_			D0B2:/da	109/		
Cond. S	N 303			- 1	emp	- <i>:</i>		07		ttom rt Up		_ _	14 =	406.00	7 70 110	11177		
	_				Cond Other		31.5	56	at Su	urface			arks MF 10 293		7-29 M7	9/50	-0	
S Bot	TI	rip	Tim	e @			or Values			Conv. Mon	. Values-C	ГD	Sar	nple Bot.D		Sal.	Other Samp.	Pos.
		o O	Depth	Trip 1343	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.	Bot. #	Jol	
20				457	59.485			31,838								-	200ml	
2 36		0	š* 32	•		5.055		31,799		I			•		3/.849	51	chloro	2
3 21	5	0	AVE T	4528		·II =				_	M 2	ļ					mz	3
4 24	4	0	H 3	4634	40.675	5,084		31,777							9		chlors	4
5 22	4	0		4454		-		- =			Ш		= 40		## =		10e	5
6 28	3	0		4749	31,171	5,393		31,765					54 B				chlevo	6
7 23	3			9806	7												10l mz	7
8 27				9458	20,557	C 591		31,649									200ml Chloro	8
9 24		0		4919	7	0,0		- 772.7							36		10°	9
10 24	1		171 - 440	5038	• (5.747	2	31.599									200ml ahloro	10
11 25		0		505.		=	i.		52				(E) W		88.0		10°	i i
12								26							3			12
			©å.				* =	•		<u> </u>	19			<u></u>	Ť.	Initials	2)/	/

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Con	sec.C		ラ M	<mark>/essel</mark> ILLER	FREE	MAN MF	oj. & Leg 90-06 F00	Ev	ent# Vesse	el Sta. I.D.	Instru	ctions	F18		W	Sta. De	signatio	n e	71
Cons Cast	. ш	La Deg.	t itude Mir	0	De	Longitud	le E Da	ate JD =	149 Ti	me MT Min.	Dry Bulb	Wet Bulb	Bar.	Wind Dir.	Wind PnoO	Botto Depti		ta. Nam or I.D	е
	8	62	89		N / 3	5588	18 W 2	9 May	90/5	01	73	73		37010	109	-4 2	50	#1	B
Type	CTD	91220	-A PM	EL Sea Ri	,d		Monit	or Check		Tir	nes J	D/Time			Data Loc	ation 25	0		
۲۲۲۰ Pre	ss. SN	2508	4	Jean.	' Ì	O	n Deck		Surface		a on		Ta	pe/Diskette l	.D.	File Nam			
		701			Pr	ress			237	ſ	face own			£(1)		DUB2: (dat	a log)		10
Cor	nd. SN	303			T∈	emp	·- · · · ·	<u> </u>	344	at Bot	tom								
*					l l	ond		<u> 30</u>	985	at Sur	: Up face a off			arks Mf		8 29Mon	1452		
S.		Tri ck Dep	P	Time	@			r Values		С	onv. Mon.	Values-CT	D	San	ple Bot.D		Sal.	Other Samp.	S
4	SOL RA	СКІ Дер	th Do	pth	Trip	Press.	Temp.	Cond.	Other	Press.	Temp.	Cond.	Sal.	Therm-P	Avg Tw	Sal.	Bot. #	Samp.	
1		EV ALEX	4																
2			#	- Emil		236.151	4.800		33,077							33.247	21		2
3		- I	6			ii				15						Ž .	, ,		3
4				10			V Ewe						II IIX I		306	1		\$3	4
5		i i	=	gex.		- 9	# 章 裁							in × 1		E			5
6	1	=				110	3,6		187									V ₁	6
7	10	8	3.5	.18 2 5	: 8	4		1123			=								7
8												52							8
9	2					To the										×			9
10		2							1.	¥ :			KS			2		200	10
11		8				271		= =	1855	= ".			A.	₁₀ =			1	1	11
12														1		8		1	12
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Event # Vessel Sta. I.D. Proj. & Leg MF90-06 F0CI-4 Sta. Designation Consec.Cast # // Vessel Instructions G015A MILLER FREEMAN Latitude N Longitude Date JD = |49 Cloud PuiW Type Weath. Time Sta. Name Bottom Wind Consec. Dry Wet Bar. **GMT** or I.D Depth, m Cast # Bulb Dir. Bulb Deg. Deg. Min. Day Mo. Yr. Hr. Min. CTD PMEL
Type & SN 91220-A SeaBird **Data Location Monitor Checks** Times JD/Time on Deck at Surface Tape/Diskette I.D. File Name/Header Data on.... Press. SN 25084 1.338 at Surface_____ DUB2:(data log) Press. Start Down____ Temp. _____ Cond. SN 303 at Bottom Start Up_____ Remarks MF 906809 29MFY 1550 ... Cond._____ at Surface_____ WOZ57 GridSta. GOISA Data off_____ Sample Bot. Data Other Conv. Mon. Values-CTD Sal. Trip **Monitor Values** Time @ Bot. Rack Depth Depth Trip Bot. # Samp. Therm-P Avg Tw Press. Temp. Cond. Other Press. Temp. Cond. Sal. 100 120 60 MZ 1613 Chloro 30 50 108 50 1350 1112 theory 1447 40 1505 100 40 5 22 me Thore 1555 30 106 1614 30 m2 2000 Chloso 1707 27 20 108 1723 20 mz chlap 10 1827 10 10e 1843 33,184 12 1402 1404 243 927 4.911 33.241 Initials Wy

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	isec.	Deg	-	Min.	or S De	Longitude	e E Da or	ate JD =			Dry Bulb	Wet Bulb	Bar. mb	Wind ∴ Dir.	Wind pno	Meath Depth		ra, Nam or I.D	
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& Bo	t. Rack	Trip Depth	Depth	Trip	Press.	. Temp	. C	ond. C	ther	Press.	= Temp.	Cond.	Sal.	Therm-P		Sal.	Bot. #	Samp.	Pos
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Pg. 17 of ____ Consec.Cast # | Vessel | MILLER FREEMAN Proj. & Leg MF90-06 F0CI-4 Sta. Designation Event# Vessel Sta. I.D. Instructions 1249 Longitude E Date JD = 153 Latitude Time Cloud DuiW Type Weath. Sta. Name Consec. Bottom Dry Wet Wind Bar. **GMT** S. S. or I.D Cast # mb 1806.9 Depth, m Bulb Dir. Bulb Deg. Min. S Deg. Day Mo. Yr. Hr. Min. CTD PMEL Type&SN 91220-A SeaBird PMEL **Monitor Checks Data Location** ID/Time Times Tape/Diskette I.D. on Deck at Surface Data on..... File Name/Header Press. SN 25084 at Surface..... DUB2:(data log) 2.022 Start Down 03:47 Temp. SN 701 Cond. SN 303 at Bottom_03:50 Start Up_____ 31.303 Cond. Remarks at Surface_____ 31.439 Sil Other____ Data off____ Sample Bot. Data | Sal. **Monitor Values** Other Conv. Mon. Values-CTD Trip Time @ Bot. Rack Depth Depth Trip Bot. # Samp. Temp. Temp. Therm-P Avg Tw Press. Other Press. Cond. Sal. Cond. 120 03:50:21 2 635121 31.5518 35 5-677 31.026 31.528 49.889 3 4 29 4 53.2 يد ا 5 ، 53:38 5 6 64:43 55:10 18 27 16:03 8 (46',21) 9 5173 10 26 10 57:32 ,11 25 11 10 12 12

Initials _____

Pg. 18 of ____ Consec.Cast # Proj. & Leg Event# Vessel Sta. I.D. MF90-06 FOCI-4 376 Sta. Designation Vessel Instructions /8 MILLER FREEMAN 2061A -61 Latitude Longitude E Date JD = 155 Time Consec. Weath. Sta. Name Bottom Dry Wind Wet Bar. GMT Cast # Bulb Depth, m or I.D mb 015.9 Dir. Bulb Deg. Min. Deg. W Day Mo. Yr. Hr. Min. PMEL CTD PMEL Type&SN 91220-A SeaBird **Data Location Monitor Checks** JD/Time Times on Deck at Surface Tape/Diskette I.D. Data on..... File Name/Header Press. SN 25084 1.432 at Surface..... DUB2:(data log) Press.____ Temp. SN 701 Start Down Cond. SN___303_ at Bottom____ Start Up_____ Remarks MF 90 6 18 - 04 June 1905. Cond. at Surface Other____ WO 289 Data off___ Trip **Monitor Values** Conv. Mon. Values-CTD Sample Bot.Data Other Pos. Bot. Rack Depth Depth Trip Time @ Bot. # Samp. Press. Temp. Cond. Other Press. Temp. Therm-P Avg Tw Cond. Sal. Sal. 4.843 289.969 33,089 33.104 2 3 3 4 4 5 5 6 7 7 8 8 9 10 10 12

Initials _

Pg. 19 of ___ Proj. & Leg Event# 378 Consec.Cast # Vessel Vessel Sta. I.D. Sta. Designation Instructions MILLER FREEMAN line 8 F60 Latitude Longitude E Date JD = 155 Time Mind Cloud Cloud Weath. Sta. Name Consec. Bottom Dry Wet Wind Bar. wp si si or GMT

Day Mo. Yr. Hr. Min. **GMT** or I.D Cast # Bulb Dir. Depth, m Bulb Deg. Deg. Min. CTD PMEL Type&SN 91220-A SeaBird PMEL **Data Location Monitor Checks Times** JD/Time on Deck at Surface Tape/Diskette I.D. File Name/Header Data on..... Press. SN 25084 at Surface__ DUB2:(data log) 1.012 Press. Start Down 20:20:25 Temp._____ at Bottom 20:30:35 Cond. SN 303 Start Up_____ 33.012 Cond. Remarks at Surface_____ 31.870 Other____ MF90619-04 June 2017
Sample Bot. Data Sal. Data off_____ Conv. Mon. Values-CTD Other T Trip **Monitor Values** Pos. Time @ Bot. Rack Depth Depth Trip Bot # Samp. Temp. Therm-P Avg Tw Press. Temp. Cond. Other Press. Cond. Sal. 275 275.044 4.858 31.814 33.105 33-1215 04 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 П 12 12

Initials _______

Pg. 20 of ___ Consec.Cast # Vessel MILLER FREEMAN Event# Vessel Sta. I.D. 380 Proj. & Leg MF90-06 F0CI-4 Instructions = 59 line 8 Sta. Designation Latitude Longitude E Date JD = 155 Time Cloud PuiX Sta. Name Consec. **Bottom** Dry Wet Wind Bar. **GMT** mb si si Cast # or I.D Depth, m Bulb Dir. Deg. Bulb Min. S Deg. Day Mo. Yr. Hr. Min. F59 CTD PMEL Type&SN 91220-A SeaBird **Monitor Checks Data Location JD/Time** Times on Deck at Surface Tape/Diskette I.D. Data on File Name/Header Press. SN ___25084 at Surface____ DUB2:(data_log) 1.701 Press. Start Down 21/51/38 Temp. SN 701 7.282 Cond. SN ___ 303 ___ Temp._____ at Bottom 22:00:40 Start Up____ 32.797 Cond.____ Remarks at Surface 32.009 Other___ Data off____ MF90620 - 04 Jun 2148
Sample Bot. Data Trip **Monitor Values** Conv. Mon. Values-CTD Sal. Other Time @ Pos. Bot. Rack Depth Depth Trip Bot. # Samp. Therm-P Avg Tw Press. Temp. Cond. Other Press. Temp. Cond. Sal. 110 250.47 4,784 31,705 33.664 33.076 2 3 3 5 5 6 6 7 8 8 9 9 10 10 11 H 12 12

Initials WF

Pg. 21 of ___ Event# Vessel Sta. I.D. 38 Consec.Cast # Vessel Proj. & Leg MF90-06 F0CI-4 Sta. Designation Instructions F58 Line8 MILLER FREEMAN Longitude E Date JD = 155 Latitude Time Cloud PuiW Weath. Consec. Sta. Name Bottom Dry Wet Wind Bar. GMT Cast # Depth, m or I.D Bulb Bulb Dir. Deg. Min. S Deg. W Day Mo. Yr. Hr. Min. CTD PMEL Type&SN 91220-A SeaBird **Data Location Monitor Checks** Times JD/Time on Deck at Surface Data on Tape/Diskette I.D. File Name/Header Press. SN 25084 at Surface____ DUB2:(data log) 1.293 Press. Temp. SN 701 Start Down 22:37:30 at Bottom 22:48:00 Cond. SN 303 Start Up_____ 32.954 Cond. Remarks at Surface_____ 31.987. Sal Other____ Data off___ MF90621-04 Jun 2233 Sal. Trip Other Time @ **Monitor Values** Conv. Mon. Values-CTD Sample Bot.Data Pos. Bot. Rack Depth Depth Trip Bot. # Samp. Press. Temp. Therm-P Avg Tw Cond. Other Press. Temp. Cond. Sal. Sal. 33.005 235.039 4.694 31.569 33.016 2 3 3 5 5 6 6 7 8 8 9 9 10 10 II H

Initials <u>WF</u>

Pg. <u>22</u> of ____ Consec.Cast # Vessel MILLER FREEMAN Instructions F57 lm 8 Event# Vessel Sta. I.D. Proj. & Leg MF90-06 FOCI-4 Sta. Designation Latitude Longitude E Date ID = 156 Time Cloud Type Weath. Sta. Name Bottom Consec. Dry Wet Wind Bar. **GMT** S. S. or I.D Cast # Dir. Depth, m Bulb Bulb mb Deg. Min. Deg. W Day Mo. Yr. Hr. Min. CTD PMEL Type&SN 91220-A SeaBird **Data Location Monitor Checks** JD/Time Times Tape/Diskette I.D. File Name/Header on Deck at Surface Data on____ Press. SN ___25084 at Surface
Start Down 00:07:15 0.878 DUB2:(data log) Press. _____ Temp. SN 701 at Bottom 00:15:09 Cond. SN 303 Start Up____ 37.744 Cond. Remarks at Surface_____ 31.817 Other____ Data off___ MF90622-05Jm0004 Sal. Conv. Mon. Values-CTD Sample Bot.Data Other **Monitor Values** Pos. Trip Time @ Bot. Rack Depth Depth Trip Bot. # Samp. Therm-P Avg Tw Press. Temp. Other Press. Temp. Cond. Sal. Cond. 00:16:00 209.6574.602 31.440 32.954 2 2 3 3 4 4 5 5 6 6 7 7 8 8 9 9 10 10 H 11 12 12

Initials _______

Pg. <u>13</u> of ____ Consec.Cast #23 Event# Vessel Sta. I.D. 386 Vessel Proj. & Leg MF90-06 FOCI-4 Sta. Designation Instructions MILLER FREEMAN Longitude E Date JD = 156 Latitude Time Cloud Duily Weath. Sta. Name Consec. Wind Bottom Dry Wet Bar. **GMT** S. S. Vis or LD Cast # Depth, m Bulb mb Dir. Bulb Deg. Day Mo. Yr. Min. S Deg. Hr. Min. CTD PMEL Type & SN 91220-A SeaBird **Data Location Monitor Checks** Times ID/Time Tape/Diskette I.D. on Deck at Surface Data on File Name/Header Press. SN 25084 at Surface____ DUB2:(data log) Start Down 00:59:50 Temp. SN 701 Cond. SN 303 at Bottom 01:07:25 33.043 Start Up_____ Cond. Remarks at Surface 31.999 Sal MF90623_05Jun0057 Other____ Data off___ Sal. Other Conv. Mon. Values-CTD Sample Bot.Data **Monitor Values** Trip Time @ Bot. Rack Depth Depth Trip Bot. # Samp. Therm-P Avg Tw Press. Temp. Sal. Press. Temp. Cond. Other Cond. 207.893 4.423 101:074 208 10 31,204 32.863 32.875 23 2 3 3 5 6 6 8 8 9 9 10 10 П 12

Initials W7

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