

VESSEL: NOAA Ship MILLER FREEMAN PROJECT & LEG: MF-0504 COD I.D.: STATION DESIGNATION:

CONSECUTIVE CAST #	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND	DIRECTION deg	WIND SPEED kt's	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
0013511.19	16142.07	15 MAR 05 1837	34	3.5	2.0	06			280	21						101	

SBE 9+ PRESS SN 91220a DATA ON START DOWN AT DEPTH AT SURFACE
 PRI TEMP SN 710
 SEC TEMP SN 884
 PRI COND SN 915
 SEC COND SN 304
 DATA LOCATION: Tape/Diskette ID File Name/Header
 REMARKS: CTD pwr to recovery of CTR-1A
 Cleaned air bleed valve
 MAX DEPTH (m) 102
 ChLAM S/N=

CTD CONVERTED MONITOR VALUES

POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAMPLE BOTTLE DATA	SAMPLE BOTTLE NUMBER	SAL	NUTR	CHL	WHIT'S NUTR
1	101							3.497				
2	5*							30.74				
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												

* made a mark like at 5m to compare w/ TSC - no bottles sampled

VESSEL **NOAA Ship MILLER FREEMAN** PROJECT & LEG **MF-0504** COD I.D. STATION DESIGNATION

CONSECUTIVE CAST #	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND	DIRECTION	WIND SPEED	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
003	57.40	155.13	06 MAR 05	0108	21.4	21.0	20			73	13				292	

SBE 9+ 91220a
 PRESS SN 91220A
 PRI TEMP SN 710
 SEC TEMP SN 884
 PRI COND SN 915
 SEC COND SN 304

DATA ON _____
 START DOWN _____
 AT DEPTH _____
 AT SURFACE _____

DATA LOCATION: Tape/Diskette ID _____ File Name/Header **CTD003**

PAR SN= **4242** FLUOR SN= **138**

CTD cleaned air bleed valve
 MAX. DEPTH (m) **282**
 CHLAM SN= _____

CTD CONVERTED MONITOR VALUES

POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S NUTR
						DATA				SAMPLE BOTTLE NUMBER
1	282									02
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

REMARKS
 CTD Saline recovery of 04SSP-1A
 Shaded Street

VESSEL: NOAA Ship MILLER FREEMAN PROJECT & LEG: MF-0504 COD I.D.: STATION DESIGNATION:

CONSECUTIVE CAST #	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND deg	DIRECTION	WIND SPEED kn'ts	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
008	57 23.20	154 52.91	17 MAR 05	1055	4.7	2.1	20			056	13				224	

SBE 9+ PRESS SN 91220A DATA ON _____ DATA LOCATION _____
 PRI TEMP SN 710 START DOWN _____ Tape/Diskette ID _____ File Name/Header _____
 SEC TEMP SN 884 AT DEPTH _____
 PRI COND SN 915 AT SURFACE _____
 SEC COND SN 304 PAR S/N= 4242 FLUOR S/N= 678
 REMARKS: *lines 8, 5 to 57*
 Cleaned air bleed valve
 MAX DEPTH (m) 218
 CHLAM S/N= _____

CTD CONVERTED MONITOR VALUES

POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S NUTR
1	218						102			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

SAMPLE BOTTLE DATA
 SAMPLE BOTTLE NUMBER

VESSEL: **NOAA Ship MILLER FREEMAN** PROJECT & LEG: **MF-0504** COD I.D.: _____ STATION DESIGNATION: _____

CONSECUTIVE CAST #	LATITUDE		LONGITUDE		DATE		TIME		DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND	DIRECTION	WIND SPEED	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
	DEG	MIN	DEG	MIN	MO	YR	HR	MIN	°C	°C	mb			deg	knt's						
009	57	36.31	155	00.68	17	MAR	05	1143	4.7	4.4	20			70	17					227	

SBE 9+ PRESS SN: 91220a DATA ON: _____ TIMES: _____ DATA LOCATION: _____
 PRI TEMP SN: 710 START DOWN: _____ AT DEPTH: _____
 SEC TEMP SN: 884 AT SURFACE: _____
 PRI COND SN: 915
 SEC COND SN: 304
 PAR SN = 4242 FLUOR SN = 638
 MAX. DEPTH (m): _____ CHLAM SN = _____
 CTD CONVERTED MONITOR VALUES

POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S NUTR
1	227						101			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

SAMPLE BOTTLE DATA: _____
 REMARKS: **LINE 2, STA 58**
 Cleaned air bleed valve

VESSEL: NOAA Ship MILLER FREEMAN PROJECT & LEG: MF-0504 COD I.D.: STATION DESIGNATION:

CONSECUTIVE CAST #	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND	DIRECTION	WIND SPEED	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
010573	31.66	15504.21	17 MAR 05	1214	4.7	3.7	20		062	18						246	

SBE 9+ PRESS SN: 91220a DATA ON: _____
 PRI TEMP SN: 710 START DOWN: _____
 SEC TEMP SN: 884 AT DEPTH: _____
 PRI COND SN: 915 AT SURFACE: _____
 SEC COND SN: 304 PAR S/N= 4242 FLUOR S/N= 698

CTD CONVERTED MONITOR VALUES

CTD after deployment of 0555P-24
 Cleaned air bleed valve (in place of line 8 to 59)

POSITION	TRIP DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHITs
1	236						24			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

* Wind operator accidentally went down instead of up - doesn't look like CTD hit bottom (but it was close)

CONSECUTIVE CAST #: _____

LATITUDE: DEG MIN SEC: 01 15 40.63 LONGITUDE: DEG MIN SEC: 155 11 90 DATE: 07 17 MAR 05 1309 GMT: 4.4 BULB °C: 4.0 21 PRESSURE: mb: 58 20 WIND: deg: 20 WIND SPEED: kn'ts: 20 CLOUD (amt): TYPE: WEATHER: BOTTOM DEPTH: 288 STATION NAME / ID: _____

SBE 9+ PRESS SN: 91220A DATA ON: _____ TIMES: _____

PRI TEMP SN: 710 START DOWN: _____

SEC TEMP SN: 884 AT DEPTH: _____

PRI COND SN: 915 AT SURFACE: _____

SEC COND SN: 304 PAR SN: 422 FLUOR SN: 678

DATA LOCATION: Tape/Diskette ID: _____ File Name/Header: _____

REMARKS: CTD after deployment of 0555R-11
 Cleaned air bleed valve (in place of June 8, etc)
 MAX. DEPTH (m): _____ CHLAM S/N: _____

CTD CONVERTED MONITOR VALUES

POSITION	TRIP	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S
	DEPTH									
1	275									8
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

CTD sounds to be having some problems requiring up of temp temp changes @ 30 min - 30-40 min per 75 or to 175 @ 20 min

CONSECUTIVE CAST #	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB °C	WET BULB °C	PRESSURE mb	SEA STATE	VISIBILITY	WIND	DIRECTION deg	WIND SPEED knts	CLOUD (amt) TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
0125743.11	15515.44	17 MAR 05 1401	07 16	14.5	3.5	201				77	27				251	

SBE 9+ 91220a
 PRESS SN 91220A
 PRI TEMP SN 710
 SEC TEMP SN 884
 PRI COND SN 915
 SEC COND SN 304
 DATA ON _____
 START DOWN _____
 AT DEPTH _____
 AT SURFACE _____
 TIMES _____
 DATA LOCATION _____
 Tape/Diskette ID _____ File Name/Header _____
 PAR SN= 1222 FLUOR SN= 678
 MAX. DEPTH (m) 240
 CHLAM SN= _____
 REMARKS: LINE 8, STA 61
 Cleaned air bleed valve

POSITION	TRIP		PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S NUTR
	DEPTH	PRESSURE								
1										104
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

CTD CONVERTED MONITOR VALUES

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

VESSEL **NOAA Ship MILLER FREEMAN** PROJECT & LEG **MF-0504** COD I.D. STATION DESIGNATION

CONSECUTIVE CAST #	LATITUDE	LONGITUDE	DATE	TIME	DRY BULB	WET BULB	PRESSURE	SEA STATE	VISIBILITY	WIND	DIRECTION	WIND SPEED	CLOUD (amt)	TYPE	WEATHER	BOTTOM DEPTH	STATION NAME / ID
0145856185	DEG MIN	DEG MIN	DAY MO YR	HR MIN	°C	°C	mb			deg	knt's					149	

SBE 9+ 91220a DATA ON _____ DATA LOCATION _____
 PRESS SN 91220A START DOWN _____ Tape/Diskette ID _____ File Name/Header _____
 PRI TEMP SN 710 AT DEPTH _____
 SEC TEMP SN 884 AT SURFACE _____
 PRI COND SN 915
 SEC COND SN 304
 PAR S/N= 1022 FLUOR S/N= 1078
 CTD CONVERTED MONITOR VALUES
 Cleaned air bleed valve
 MAX. DEPTH (m) _____
 CHLAM S/N= _____

TRIP	DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S
	141						100			

POSITION	DEPTH	PRESSURE	PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S
1	141						100			
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

REMARKS
 GR3
 Core Point

VESSEL: **NOAA Ship MILLER FREEMAN** PROJECT & LEG: **MF-0504** COD I.D.: _____ STATION DESIGNATION: _____

CONSECUTIVE CAST #: _____

LATITUDE: _____ DEGREE _____ MINUTE _____ SECOND _____

LONGITUDE: _____ DEGREE _____ MINUTE _____ SECOND _____

DATE: **037** MONTH **05** YEAR **2014** TIME: _____ GMT

DRY BULB: _____ °C WET BULB: _____ °C PRESSURE: _____ mb

SEA STATE: _____ VISIBILITY: _____ WIND: _____ deg DIRECTION: _____ WIND SPEED: _____ knts

CLOUD (amt): _____ TYPE: _____ WEATHER: _____

BOTTOM DEPTH: _____ STATION NAME / ID: _____

SBE 9+ **91220a** DATA ON _____ TIMES _____

PRESS SN **91220A** START DOWN _____

PRI TEMP SN **710** AT DEPTH _____

SEC TEMP SN **884** AT SURFACE _____

PRI COND SN **915** PAR S/N= **4232** FLUOR S/N= **678** CHLAM S/N= _____

SEC COND SN **304** CTD CONVERTED MONITOR VALUES

DATA LOCATION: _____ Tape/Diskette ID _____ File Name/Header _____

REMARKS: **GAK-3 GLOBEC LINE**

Cleaned air bleed valve MAX. DEPTH (m) _____

POSITION	TRIP		PRIMARY TEMP	SECONDARY TEMP	SALINITY	SALINITY	SAL	NUTR	CHL	WHIT'S NUTR
	DEPTH	PRESSURE								
1										111
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

SAMPLE BOTTLE DATA

SAMPLE BOTTLE NUMBER

