MILLE	VESSEL NOAA R/V MILLER FREEMAN				PROJECT & LEG	, LEG			SURE	- KLITIS	STATION (3mmt) D	O (3ms) O		Z	
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CONSC	ATITLIDE		LONGITUDE	DATE JD=	11	TIME (GMT)	DRY BULB	WET	PRESSURE SEA STATE	VISIBILITY O'RN O'RN	S WIND (amt)	MEATHER WEATHER	BOTTOM DEPTH		STA. NAME/ID
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				FLUOR 153	ChiA	ChIAM 109	RANSMIS	TRANSMISSOMETER		Clear	Cleaned air bleed valve	leed valv	7		
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PROJECT & LEG MF02-11	DATE JD=	MO YR	WE WE	•				FLUOR 153 ChIAM 109		SEC. TEMP.												
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VESSEL NOAA RV MILLER FREEMAN	ER FREEMAN				PROJECT & LEG	& LEG		'2 			الله	STAI	(amt) DES	STATION DESIGNATION		
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	VESSEL NOAA RAY MIL	VESSEL NOAA RV MILLER FREEMAN	,			PROJECT & LEG MF02-11	EG		**			STATION DESIGNATION	V DESIG	NATION		
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361	CONSC CAST#	LATITUDE		LONGITUDE			ŀ	(GMT)	BULB	BULB		iA (DIRN. SP	ᅫ		<u> </u>	NAME/ID
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STATION DESIGNATION	WET SEA STATE VISIBILITY OF SEA STATE VISIBILITY OF SHARP OF SMIND SPD. CLOUD (amt)	F (S/W) (Gep)	DATA LOCATION	File Name/Header		MAX. DEPTH = 85 m	TRANSMISSOMETER Cleaned air bleed valve	SAMPLE BOTTLE SAMPLE BOTTLE NUMBER DATA	SEC. SALINITY SAL. NUTR. CHL. NUTR.	101	1/02	103	104	50/	9//					
PROJECT & LEG MF02-11	TAG	DAY &		O 7:35:00 CM/ Tape/Diskette ID	07:	07:38:00 CMT	FLUOR 153 ChiAM 109	CTD CONVERTED MONITOR VALUES	YEARD SECTEMB DRI SALINITY											
VESSEL	CONSC LATITUDE LONGITUDE	DEG MIN DEG		9+ S/N 91220	1 1		COND SN 912/230	POS. TRIP DEPTH	<u> </u> -	PRESSURE	-	+	<u>'</u>	╁	2 9	 80	6	10	11	10

0,55 mox fl

STATION DESIGNATION	ODDEPTH STA.	• 14	E TE CE CE				1	MAX. DEPTH = m	99	SAMPLE BOTTLE NUMBER	SAL. NUTR. CHL. NUTR.	701 11	V 108	109	U 110		4	6// //	h// h		
STA	SEA STATE VISIBILITY DIRN. SPD. SPD. SPD. SPD. SPD. SPD. SPD. SPD	(deg)	1 2 3	•	File Name/Header				Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY										
	WET WET BULB	(0)	24 - 1 1 1 1 1 1 1 1	מבועססיים שונים	File Nar				TRANSMISSOMETER		SEC. SALINITY										
9	TIME DRY (GMT) BULB	(), 	027316.		Tape/Diskette ID					VALUES	PRI SALINITY	-									
PROJECT & LEG MF02-11	DATE JD=	AY MO YR	€ 0 C T 0 2		7				FLUOR 153 ChIAM 109	CTD CONVERTED MONITOR VALUES	SEC TEMP										
	ECITIONO	MIN	1 9 - 15	S JU/LIME	NO	START DOWN	АТ БЕРТН	AT SURFACE	1 24		OWNER TO CO										
PERMAN			<u>ا</u> ۲	TIMES	9+ S/N 91220 DATA ON	80020 STAR	4	915/530 AT St				PRESSURE									
VESSEL NOAA RV MII ER EREEMAN	CONSC CONSC	DEG	11/25726	 } -	TYPE & SN 9+	PRESS SN 800	TEMP SN 710			POS. TRIP DEPTH		+	+	+	3 100 %	 유	L	_	_	10	11

F1 Volts (max) = 4.35

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VESSEL NOAA R/V &	VESSEL NOAA RV MILLER FREEMAN			PR(PROJECT & LEG MF02-11	EG	- 1 ₂				STATI	ON DESI	STATION DESIGNATION		
					26	Ļ	è		∃RUSS: ∃TATS A	YTIJIBIS Š		(smt) QU(3- A3HTA	BOTTOM		STA
CONSC CAST #	LATITUDE		LONGITUDE	ائن	11	(GMT)	BULB	~		SIA .	SPD.	ᇓ	DEPTH		NAME/ID
DEG		DEG	MIN	DAY M	MO YR	HR	ပ ြ	() ()		(deg	(m/s)		E -	上	
£ 5 h 1 1	722.27 F	1 5 (127.46	6 W 4 8 0 (C T 0 2	9 0 0 1	101		7 4 3	37253	† >	2 + 2	137	۵ ۷	600
c£3		TIMES		JD/TIME			٥	DATA LOCATION	NOL			REMARKS	છ		
TYPE & SN	9+ S/N 91220	DATA ON	No No			Tape/Diskette ID	Ol ejite	Ē	le Nam	File Name/Header	L	7	sor cobby	7	
PRESS SN	80020	START	START DOWN								.				
TEMP SN	710/884	Ат рертн	ртн ,					\ 							
CONDSN	915/530	- AT SUI	AT SURFACE	100	 I							MAX. DEPTH =	PTH=		٤
			PAR 4242	FLUOR 153		ChIAM 109	TRANSMIS	TRANSMISSOMETER		Cleane	d air blo	Cleaned air bleed valve	0		
POST				CTD CONVERTED	颜]"			۲	SAMPLE BOTTLE	TTLE	SAMP	SAMPLE BOTTLE NUMBER	'LE NUM	BER
	. H			tie						DATA					
		ų,	PRI TEMP.	SEC	TEMP.	PRI. SALINITY		SEC. SALINITY	<u></u>	SALINITY		SAL	NUTR.	吊	WHIT'S NUTR.
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+1 volt(max) = 0,5

0832

Floor (max) - 4,5 / Coble jumped at termon a star of cinet of

VESSEL NOAA RV MILLER FREEMAN	R FREEMAN			\ \ \	PROJECT & LEG MF02-11	T & LEG		13-				STAT	ON DES	STATION DESIGNATION	_ _	
CONSC	U G		HONO.		ATE JO=	,	TIME (GMT)	DRY	WET	PRESSURE SEA STATE	VISIBILITY S E	S WIND (ami)	CLOUD (amt) WEATHER	во́ттом рертн		STA. NAME/ID
DEG	MIN	DEG	MIN		DAY MO	YRH	HR MIN	(°C)	\Box		- Ge			٦		-
<u> </u>	. 09 N	1 5 1	3 2 .	23 W480	1 0	0 2 1	1 2 1 5	٠ 6	•	193	4	9	2 7 2	172		1090
E5		TIMES		JD/TIME				Õ	DATA LOCATION	TION			REMARKS	KS		
· _	9+ S/N 91220	DATA ON	NO			<u> </u>	Tape/Diskette ID	te iD	Ĩ	e Name	File Name/Header		che.1	-1		
PRESS SN 800		STARI	START DOWN			l.			1			1				90
TEMP SN 71	4	АТ ОЕРТН	PTH						\ 			1				-
		AT SU	AT SURFACE	13%									MAX. DEPTH =	EPTH =		£
			PAR 4242		FLUOR 153	ChIAM 109		RANSMIS	TRANSMISSOMETER	<u> </u>	Clear	Cleaned air bleed valve	eed valv	10		
POS. TRIP DEPTH				CON	CTD CONVERTED MONITOR VALUES	ITOR V	ALUES				SAMPLE BOTTLE DATA	SOTTLE 'A	SAM	SAMPLE BOTTLE NUMBER	TLE NUN	ABER
		,	ONU.		SEC TEMP		YTINI ISSI INITA	-	SEC. SALINITY	È	SALINITY	È	SAL.	NUTR.	CHL.	WHIT'S NUTR.
,	PRESSUR			 -		-		-					7	96		
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flyott(max) = 4.6

F1 Volts (max) & 4.6+

WET	VESSEL NOAA R/V MILLE	VESSEL NOAA RIV MILLER FREEMAN			PROJEC MF02-11	PROJECT & LEG MF02-11	၂					STATIC	ON DES	STATION DESIGNATION	_	
	7 2	ή ΤΠΙΙ ΙΌΕ	_	23 LONGITUDE	DATE JD=		TIME (GMT)	DRY BULB	WET	BRUSSBR9 BTATS ABS	VISIBILITY		TYPE	вотто рертн		STA. NAME/ID
		MIN	DEG	MIN	DAY MO	↤	HR MIN		ll		4	(s/ш)	•	E	-	-
9-SN 91220 DATA ON Tape/Diskette ID File Name/Header C b C 2 3 80020 START DOWN 915/530 AT SUBFACE CID CONVERTED MONITOR VALUES SAMPLE BOTTLE NUM	4	63		23.	0	0	348	•	•	_	4	23	2172	-	U	3
9+ SM 91220 START DOWN TapelDiskette ID File Name/Header C b C 2			TIMES		TIME	_		à	ATA LOCA	TION			REMAR	Ş		
SOCO START DOWN	•	S/N 91220	DATA	No		<u> </u>	ape/Disket	te ID	Œ	e Name	/Header		3	62		
T10/894 AT DEPTH STATE		020	STARI	r DOWN		1_) 			<u></u> 1				
PAR 4242 FLUOR 153 Chiam 109 TRANSMISSOMETER Cleaned air bleed valve		0/884	AT DE	РТН			i		i			1				
PAR 4242 FLUOR 153 CRIAM 109 TRANSMISSOMETER CID CONVERTED MONITOR VALUES SAMPLE BOTTLE SAMPLE BOTTLE		5/530	- AT SU	RFACE	104								MAX. DE	PTH=		E
PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY CHL. PRESSURE PRI. TEMP. SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY CHL. 10 245 10 246 10 246 10 246	•				FLUOR 153	CHAM		RANSMIS	SOMETER		Clean	ed air ble	sed valv	•		
PRESSURE PRI, TEMP. PRI, SALINITY SEC. SALINITY SAL. NUTR. CHL. 4 265 W 246 W 210 W 210 <t< td=""><td>TRIP</td><td></td><td></td><td></td><td></td><td>ONITOR \</td><td>VALUES</td><td>,</td><td></td><td>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</td><td>SAMPLE B</td><td>ottle \</td><td>SAM</td><td>PLE BOT</td><td>TLE NUN</td><td>#BER</td></t<>	TRIP					ONITOR \	VALUES	,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	SAMPLE B	ottle \	SAM	PLE BOT	TLE NUN	#BER
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	2	<u> </u>	الِ										3			
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FIVOH(max) 2 \$ / Source 26med of surface, boths a label 18 25m from

VESSEL NOAA RAMII ER FREFMAN	ER ERFEMAN			PROJECT & LEG MF02-11	LEG				STATI	ON DESI	STATION DESIGNATION	_	1
SONSC		EGG	ļ	- U	TIME	DRY	WET	BRUSSERGE STATE VISIBILITY ON WIND ON	S S S S S S S S S S S S S S S S S S S	MEATHER	BOTTOM DEPTH		STA. NAME/ID
CASI #	MIN	DEG MIN	\vdash	DAY MO YR	ᆣ	ျှ	1	*		J. I	(E)		
	(3 5 N	-	<u>8</u>	C T 0	21440	1.6	1	52276	5 28	372	9	C	C 6 C 4
] e		TIMES	JD/TIME	Æ			DATA LOCATION	NC		REMARKS	ള		
· _	9+ S/N 91220	DATA ON	,		Tape/Diskette ID	offe ID	File	File Name/Header		Cbc4	2		
•		START DOWN					!		1				
-	1	AT DEPTH								ofm	= 156		
		AT SURFACE			_					MAX. DEPTH =	PTH =		٤
		PAR 4242		FLUOR 153 Chi	ChIAM 109	TRANSMI	TRANSMISSOMETER	Clean	Cleaned air bleed valve	ed valve	•		
POS. TRIP DEPTH				CTD CONVERTED MONITOR VALUE	OR VALUES			SAMPLE BOTTLE DATA	OTTLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUM	BER .
		<u> . </u>		GENT CEAD	VEIN 180	2	SEC SALINITY	SALINITY		SAL	NUTR.	GHL	WHIT'S NUTR.
+	PRESSURE	TKI. I EIWT.	L L	SEC. LEMIT.	5		5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	_		ಶ	212		
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fl Votes (max) ~ 6.55

VESSEL NOAA R/V MILLER FREEMAN	ER FREEMAN		t.	PRO MF0	PROJECT & LEG MF02-11	EG				STATIO	N DESI	STATION DESIGNATION	z *	
CONSC 57	(2 LATITUDE	HS1 IK		DATE JD=		TIME (GMT)	DRY BULB	WET	SEESSURE SEA STATE VISIBILITY D WIND	SPO (amt)	NEATHER	BOTTOM		STA. NAME/ID
DEG	MIN	DEG	MIN		O YR	HR MIN	(၁့)	ᄩ	*	* (s/m)	L *	(E)	-	
126571	12.47N	151	14. H 5	45 W ф 80 с	T 0 2	1533	2	•	1947264	27 5	7 7	135	V	bc5
е Е		TIMES	/ac	JD/TIME			C 8 24	DATA LOCATION		<u>«</u>	REMARKS	S		
TYPE & SN 9+	9+ S/N 91220	DATA ON	-			Tape/Diskette ID	tte ID	File	File Name/Header		cloc 5	អ		
PRESS SN 80	80020	START DOWN	NWO											
TEMP SN 71	710/884	Ат ОЕРТН	 							;				·
COND SN 91	915/530	AT SURFACE	ACE							Σ	MAX. DEPTH =	PTH =		E
		PA	PAR 4242	FLUOR 153	ChIAM 109		FRANSMIS	TRANSMISSOMETER	Cleane	Cleaned air bleed valve	ed valve	_		
POS. TRIP DEPTH]]	CTD	CTD CONVERTED MONITOR VALUES	MONITOR	VALUES			SAMPLE BOTTLE DATA	TTLE	SAMP	SAMPLE BOTTLE NUMBER	LE NUN	BER
,	PRESSURE	i i	PRI. TEMP.	SEC. TEMP.	EMP.	PRI. SALINITY	YTIN	SEC. SALINITY	SALINITY		SAL.	NUTR.	CHL.	WHIT'S NUTR.
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flyelt(max) = 46

VESSEL NOAA R/V MILLER FREEMAN	FREEMAN			PROJECT & LEG MF02-11	LEG			,	STATION	N DESI	STATION DESIGNATION		
CONSC CAST# LATIT	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB	WET SOR BULB	SEA STATE VISIBILITY D WIND	SPD (amt)	39YT A3HTA3W	ВОТТОМ DEPTH		STA. NAME/ID
DEG MIN		DEG MIN		DAY MO YR	HR MIN	(°C)	(c) (mp)	(6ep)	* (s/m)	*	(E)		
1215124	. 46 N	15032.	8 p m p 9	0 C T 0	2 821	9.6	1	847274	261	7 9	463	x o o	×
стр		TIMES	JD/TIME	ME	-	a	DATA LOCATION	-	- 22	REMARKS	S		
TYPE & SN 9+ S/	9+ S/N 91220	DATA ON			Tape/Diskette ID	otte ID	File N	File Name/Header		abxi			
PRESS SN 80020		START DOWN											
TEMP SN 710/884		АТ DEРТН									481		
COND SN 915/530		AT SURFACE		,					È	MAX. DEPTH =		7 5h	Ε
		PAR 4242		FLUOR 153 ChIAM 109		TRANSMI	TRANSMISSOMETER	Cleaned air bleed valve	air blee	d valve			
POS. TRIP DEPTH			CTD CON	IVERTED MONITO	R VALUES			SAMPLE BOTTLE DATA	TE	SAMP	SAMPLE BOTTLE NUMBER	LE NUM	BER
	PRESSURE	E PRI. TEMP	EMP.	SEC. TEMP.	PRI. SALINITY	Y ALINI	SEC. SALINITY	SALINITY	<u> </u>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 456				,		(4)				א	510		- 2
2 356										ಇ	52¢		
3 250										า	122		
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6 75-										א	h22		
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fl volt(max) = \$.6

VESSEL NOAA DA/AII I ED EDEEMAN		PROJECT & LEG	EG		STA	TION DE	STATION DESIGNATION		
NOAS NILLEN TREEINIA	7	MFUZ-11	The second second second						
					STATE STBILITY	(3ms) QU = = = A3HT,			i
CAST # LATITUDE	LONGITUDE	DATE JD=	(GMT) BULB	WEI	VIS WIND	1dVT	DEPTH		STA. NAME/ID
DEG MIN	DEG MIN	DAY MO YR	HR MIN (°C)	(°C) (mb)	(geb) * *	,	(m)		
1225724.91	N 15 4 38.58 W 48	Φ8οςτο2	1935 9.	7 . ISH	61 2 22 27	1 1 2	147	90	7 X
стр	TIMES JD/I	JD/TIME		DATA LOCATION)	REMARKS	SKS		
TYPE & SN 9+ S/N 91220	DATA ON		Tape/Diskette ID	File Na	File Name/Header	و ص	abx2		
PRESS SN 80020	START DOWN								
TEMP SN 710/884	АТ DEРТН								
COND SN 915/530	AT SURFACE					MAX. D	MAX. DEPTH =		٤
	PAR 4242	FLUOR 153 ChIAM 109		TRANSMISSOMETER	Cleaned air bleed valve	bleed val	9		
POS. TRIP DEPTH	CTD CO	CTD CONVERTED MONITOR VALUES	VALUES		SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	E NUM	BER
PRESSURE	IRE PRI. TEMP.	SEC. TEMP.	PRI. SALINITY	SEC. SALINITY	SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 142~	-					:	4730		
2 1254							4231	-	
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4 75 %			,	•		-	4233		
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O h 9							4235		
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8							4237		
6									
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	Ç								

fl wet (max) = 6.5

	STA. NAME/ID		9 6K S				N.	E .		UMBER	WHIT'S NUTR.													
z		Н	0					96	! !	TLE N	CHL.			1	7	>)							5
STATION DESIGNATION	BOTTOM DEPTH	(m)	a /	KS	×3			EPTH =	.	SAMPLE BOTTLE NUMBER	NUTR.	4238	239	240	1284	103-5	123-6							166
ION DES	CLOUD (amt) TYPE WEATHER	*	172	REMARKS	abx3			MAX. DEPTH	Cleaned air bleed valve		SAL.	7												helo
STAI	CLOUD (amt)		22			1			ed air b	OTTLE	<u></u>												!	adhal 1801-
	WIND DIRN.	(deg)	0 2 7		eader				Cleane	SAMPLE BOTTLE DATA	SALINITY							٠						Seered
	PRESSURE SEA STATE YISIBILITY	* (c	8 4 8	z	File Name/Header			l		SAN														
		(qw)	1	CATIO	File N				뛺		LINITY													t w
	WET BULB	(၁.)	•	DATA LOCATION		1			TRANSMISSOMETER		SEC. SALINITY									ı				don out of num
	DRY BULB	(၁့)	9.2		e D				SANSMI		ΥT													20 0
	TIME (GMT)	MIN	7 4		Tape/Diskette ID					SES	PRI. SALINITY													2
LEG	TIME (GMT)	Ή	2 2 0		Tape	1		١ .	ChIAM 109	R VALL	PR													
ROJECT & LEG		YR			5 mg	CMT	DO GANT	5 CMI	Ch/	ONITO	EMP.													-
PROJECT MF02-11		Y MO	7 w 4 8 0 C		20:03	6.00			R 153	CTD CONVERTED MONITOR VALUES	SEC. TEMP.			;								i	4	
	<u>a</u>	DAY	* *	JD/TIME	20:36:03	20:36:00	20:41:	20:44:0	FLUOR 153	CONVE														
	UDE	MIN	3 1/ 1		(2)		- 7		- 21	CTD	PRI. TEMP.												:	
	ONG				NO	START DOWN	PTH	AT SURFACE	PAR 4242		PRI													4
		DEG	1504	TIMES	DATA ON	STAR	АТ ОЕРТН	ATSU		j I	₩ ₩					,								X
EMAN	Щ		72 N		1220						PRESSURE													13 xom 9,0
ER FR	LATITUDE	MIN	28.		9+ S/N 91220	80020	710/884	915/530	<u>;</u>		<u> </u>													
SV MILL		DEG	35/5	CEO						TRIP DEPTH		96	75	15	3 /	h/	7							
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST#		123	ပ	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.		1 6	2	3	4	5	9	7	8	6	10	1	12	
							-					toq	35	50	30	2	0		•	•				I

STATION DESIGNATION	WIND OD E BOTTOM STA. SPD. CL TYPE BOTTOM STA. SPD. CL TYPE BOTTOM STA.].	5/72 86 96 X	REMARKS	- 1			MAX. DEPTH = \(\inf \inf \)	Cleaned air bleed valve	SAMPLE BOTTLE NUMBER	SAL. NUTR. CHL. NUTR.	1-461 /	124-3	134-3	h-nel	194-5						
ST	PRESSURE VISIBILITY DIRIN DIRI DIRI	(deg) * *	18482922	NOI	File Name/Header				Cleaned air	SAMPLE BOTTLE DATA	TY SALINITY							-				
	DRY WET BULB) (p) (p)	9.(DATA LOCATION					TRANSMISSOMETER		Y SEC. SALINITY											
& LEG	TIME (GMT) B	YR HR MIN	22147		ר / Tape/Diskette וD	1,	1	7	ChIAM 109 TRA	TOR VALUES	PRI. SALINITY											4
PROJECT & LEG MF02-11	DATE JD=	QV .	6 W 6 8 O C T 0	JD/TIME	1:50:00 GMT	21:50 :00 GMT	1.53:00 cm7	1:57:00 GMT	FLUOR 153	CTĎ CONVERTED MONITOR VALUEŠ	SEC. TEMP.											
	LONGITUDE	DEG MIN	15058.46	TIMES JE	DATA ON 21	START DOWN Z	АТ DEРТН 2	AT SURFACE 2	PAR 4242	CTD	PRI. TEMP.	,										
ER FREEMAN	LATITUDE		34.78 N	H.	9+ S/N 91220 DA	80020 ST	710/884 AT	915/530 AT			PRESSURE				, I							
VESSEL NOAA R/V MILLER FREEMAN	CONSC CAST # L	DEG.	124573	СТБ	TYPE & SN 9-	PRESS SN 8(TEMP SN 7	COND SN 6		POS. TRIP DEPTH		1 63	50 2 52	က	(0 4 / 0	2 2	9	7	8	6	10	11

D. Smex &

VESSEL NOAA R	EL R/V MILI	VESSEL NOAA R/V MILLER FREEMAN				PR MF	PROJECT & LEG MF02-11	LEG					STATI	ON DES	STATION DESIGNATION	z	
CONSC		ATITIBE		HOI ETONO		DATE JI		TIME (GMT)	DRY BULB	WET	SRESSURE STATE ABS	VISIBILITY	WIND SPD.	COUD (smt)	BOTTOM DEPTH		STA. NAME/ID
	DEG	MIN	DEG	MIN	-)	MO YR		(၁့)	(၃)	(qw)	(geb)		L *		+	
125	1455	40.76 N	181	1 9 0	4 W	4w080	CT0	2 2 3 0 6	8	•	195	7293	34	1,72	4	2	6 × 5
	CTD		TIMES		JD/TIME	¥			_	DATA LOCATION	\TION		<u> </u>	REMARKS	KS S		
TYPE & SN		9+ S/N 91220	DATA ON	ž	23	23:09.0	2000	OOCMT Tape/Diskette ID	ette ID	Ľ	ile Nam	File Name/Header		# QX S	15/1	1960	7
PRESS SN		80020	START DOWN	DOWN	23.	08:0	27:09:00 cm			 							
TEMP SN		710/884	АТ БЕРТН	ТН	23;	:21	00 6ml	<u></u>									
COND SN	•	915/530	AT SURFACE	FACE	23	1:91:5	000ml	ì					=	MAX. DEPTH	€PTH =	72	٤
	1			PAR 4242		1 12		ChIAM 109	TRANSMI	TRANSMISSOMETER		Cleane	d air ble	Cleaned air bleed valve	43		
POS.	TRIP DEPTH]			IVERTED	MONITC	CTD CONVERTED MONITOR VALUES				SAMPLE BOTTLE DATA	тте	SAMF	SAMPLE BOTTLE NUMBER	TLE NUN	1BER
		PRESSURE	ļ "	PRI. TEMP	a.	SEC.	TEMP.	PRI. SALINITY	YTINI:	SEC. SALINITY	} L E	SALINITY	>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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က	38						;								7	125-3	\
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CONSC A CONS	VESSEL NOAA R/V MILLER FREEMAN	ER FREEMAN			PROJEC MF02-11	PROJECT & LEG MF02-11					<u></u>	STATION	STATION DESIGNATION	ATION		
		ATITUDE	LONGIT	.ude	DATE JD=		TIME (GMT)	DRY		SEA STATE	WIND DIRN.	SLOUD (amt)	ЯЗНТАЗМ	MOTT HTq:	STA. NAME/	β
	<u> </u>	MIN	DEG	NIN.		┾╌┼		(၃)				m/s) .		E		
TYPE & SN 9+ SN 91220 DATA ON DOT/17 ≥ 0 0 0 MT Tape/Diskette ID File Name/Header REMARKS PRESS SN 90020 START DOWN QO:17-00 0 MT Tape/Diskette ID File Name/Header AMX. DEPTH = S. S. TEMP SN 710884 AT SURFACE DO:22 0 0 MT AT SURFACE DO:22 0 0 MT AMX. DEPTH = S. S. COND SN 710884 AT SURFACE DO:22 0 0 MT AT SURFACE DO:22 0 0 MT AMX. DEPTH = S. S. POS TRIP AT SURFACE DO:22 0 0 MT AT SURFACE DO:22 0 0 MT AMX. DEPTH = S. S. 1 62 5 AT SURFACE DO:22 0 0 MT AT SURFACE DO:22 0 0 MT AMX. DEPTH = S. S. 2 30 0 AT SURFACE DO:22 0 0 MT AT SURFACE DO:22 0 0 MT AMY. DEPTH = S. SALINITY SALINITY SALINITY DO:10 0 MT 2 30 0 AT SURFACE DO:22 0 MT AT SURFACE DO:20 MT AT SURFACE DO:20 MT AMP. DEPTH = S. SALINITY DO:20 MT DO	126574	. 71	1181	0	ပ	0 2	_	•	•		299	7 1		8	9 6	x 6
TYPE & SN 9+ SN 91220 DATA ON	e S		TIMES	JD/T	IME			۵	ATA LOCA	NOI		RE	AARKS			
PRESS SN 80020 STAFT DOWN \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\text{DEPTH} \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\text{DEPTH} \$\text{DEPTH} \$\text{COLD SN 710884} AT DEPTH \$\text{DEPTH} \$\	•	- S/N 91220	DATA ON		0:17:00		pe/Disket	te ID	正	e Name/F	leader					
TEMP SN 710884 AT DEPTH CO. 1/9; 0.0 6 mT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MT MAX. DEPTH C. 5 C MAN 108 MAX. DEPTH C. 5 C		020	START DOWN		:17:00 6	T W.										
COND SN 915/530 AT SURFACE 0 0 22 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			АТ БЕРТН	00		6 m T										
POS. TRIP TRAPE FLUOR 153 CID CONVERTED MONTOR VALUES TRANSMISSOMETER Cleaned air bleed valve 1 \$\alpha \cdot \cdo		15/530	AT SURFACE			Lw S						MA	с. DEРТН	9		E
POS. TRIP TRIP DATA SEC. TEMP. PRI. SALINITY SEC. SALINITY SALINITY SALINITY CHL. 1 & S. 1 (A) (A)<			PAR 424		.UOR 153	ChIAM 1		RANSMIS	SOMETER		Cleaned 2	air bleed	valve			
1 Lassure PRI. TEMP. SEC. TEMP. PRI. SALINITY SALINITY SALINITY SALINITY CHL. 2 2 3 7 196-1 196-1 196-1 3 7 4 2 196-3 7 196-3 7 6 7 6 7 196-3 7 196-3 7 7 6 7 6 7 196-3 7 196-3 7 8 7				CTD CTD CO		ZITOR V	ALUES	:		SA	MPLE BOT DATA		AMPLE	OTTLE I	JOMBE	K
1 6 7 100-1		PRESSUR		TEMP.	SEC. TEM	o.	PRI. SALIN		SEC. SALIN	· <u>}</u>	SALINITY	8				HIT'S JTR.
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STATION DESIGNATION	мелтнек Воттом Вертн	(E) 2	REMARKS			:	MAX. DEPTH =	alve	AMPLE BOT	L. NUTR.	1-161	137-8	197-3	1374							_	
ATION I	WEATHER O'N WEATHER	(8)	REM				MAX	bleed \		SAL.	7										_	_
ST	WIND DIRN.	(deg)		eader				Cleaned air bleed valve	SAMPLE BOTTLE DATA	SALINITY								,				
	PRESSURE SEA STATE VISIBILITY	* * (dm)	TION	File Name/Header					SAN	Ł												
	WET BULB	(20)	DATA LOCATION	Ē	! 			TRANSMISSOMETER		SEC. SALINITY												
	DRY BULB	(°C) 	Ω	ette ID				TRANSMIS														
EG	TIME (GMT)	HR MIN		Tape/Disk				ChIAM 109	VALUES	PRI. SALINITY								:				
PROJECT & LEG MF02-11	DATE JD=	DAY MO YR 0 9 0 σ 1 0 2	ш	1:30:00 6m/Tape/Diskette ID	30:00 GMT	61:32:00 GMT	34:00 GMT	FLUOR 153 CHIA	ERTED MONITOR VALUES	SEC. TEMP.												
	LONGITUDE	/ w	JD/TIME	0	0 (:	.19	, `		CTD CONVERTED	PRI. TEMP.	!					·						
	TONG	DEG /S	TIMES	DATA ON	START DOWN	АТ ОЕРТН	AT SURFACE	PAR 4242														
VESSEL NOAA RIV MILLER FREEMAN	LATITUDE	MIN So . 6 / N		9+ S/N 91220	80020	710/884	915/530			PRESSURE								(4)				
SEL 4 R/V MILLE		DEG S 7	стр	LYPE & SN 9+	PRESS SN 800		COND SN 91	!	TRIP DEPTH		25	28	0 /	3				Ŷ				
VESSEL NOAA R/	CONSC CAST#	12		TYPE	PRE	TEMP SN	NO 0		POS.		0 + 1	30 2	10 3	0	5	9	7	8	6	10	11	

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				MF02-11					SIAII	ON DES	STATION DESIGNATION	z	
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY	WET	PRESSURE SEA STATE VISIBILITY D WIND	SPOOLD (amt)	CLOUD (amt) TYPE RATHER	BOTTOM DEPTH		STA. NAME/ID
DEG	MIN	DEG MIN		DAY MO YR	R HR MIN	(၃)	(°C) (mb)	b) * * (deg)		ŀ	(m)		
5+5821	15.49N	15/29.	0 7 W 6 9 O	SGOCTO	20233	8.3	•	0 28 8 5 1	182	172	70	ত	% X 9
СТО		TIMES	JD/TIME	ш		7	DATA LOCATION	Z		REMARKS	KS		
TYPE & SN 9+	9+ S/N 91220	DATA ON	02;	02:37:00 CMT	Tape/Diskette ID	cette ID	File N	File Name/Header	'				
PRESS SN 80	80020	START DOWN	. 20	02:37:00 GMT	1		i		-	į			
TEMP SN 71	4	АТ DEРТН	02.	02:39:00 cm7	17		,						
COND SN 91	915/530	AT SURFACE	02.	72: 43:00 GMT	4					MAX. DEPTH	:PTH =	00	٤
1		PAR 4242			ChIAM 109	TRANSMI	TRANSMISSOMETER	Clean	Cleaned air bleed valve	ed valve	8		
POS. TRIP DEPTH			CTD CONVERTED	/ERTED MONIT	MONITOR VALUES			SAMPLE BOTTLE DATA	OTTLE	SAMP	SAMPLE BOTTLE NUMBER	ILE NUM	BER
	PRESSURE	RE PRI. TEMP	<u>a</u> :	SEC. TEMP.	PRI. SALINITY	-INITY	SEC. SALINITY	SALINITY	≱	SAL.	NUTR.	CHL.	WHIT'S NUTR.
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VESSEL NOAA R/V M	VESSEL NOAA RV MILLER FREEMAN			PROJECT & LEG MF02-11	LEG		5		:	STATI	ION DE	STATION DESIGNATION	NO	
CONSC CAST #	LATITUDE	LONGITUDE		DATE JD=	TIME (GMT)	DRY BULB	WET	PRESSURE STATE A38	VISIBILITY D WIND P W D	WIND SPD.	CLOUD (amt) TYPE REATHER	BOTTOM		STA. NAME/ID
DEG	G MIN	DEG MIN	Н	DAY MO YR	HR MIN	(၁့)) (၁့)	, (qm)	(deg)	(m/s)		E		
1295	S758.79N	15/135	24 W090	090CT02	20336	7.9	•	502	8 300	30	172	0	0	6×9
GE3		TIMES	JD/TIME	AE.		٠	DATA LOCATION	NO.			REMARKS	KS.		
TYPE & SN	9+ S/N 91220	DATA ON	0	03:38 60 6M1 Tape/Diskette ID	Tape/Diske	ifte ID	File	Name	File Name/Header	· '				
PRESS SN	80020	START DOWN	03	03-28:00 GMT							į			
TEMP SN	710/884	AT DEPTH	63	03:41:00 CMT	· · · · ·									
COND SN	915/530	AT SURFACE	03	3; 46:00 OMT						1	MAX. DEPTH	EPTH =	88	ε
		PAR 4242		FLUOR 153 CHIA	M 109	TRANSMIS	TRANSMISSOMETER		Cleane	d air bk	Cleaned air bleed valve	e e		
POS. TRIP DEPTH	IP TH		STD CON	CTD CONVERTED MONITOR VALUE	R VALUES			S	SAMPLE BOTTLE DATA	TTLE	SAM	PLE BOT	Sample Bottle Number	/BER
								+						
	PRESSURE	RE PRI. TEMP.	MP.	SEC. TEMP.	PRI. SALINITY		SEC. SALINITY		SALINITY	>	SAL.	NUTR.	CHL.	WHIT'S NUTR.
1 95											7	1-00-1		
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NOAA R/V MILLER FREEMAN CONSC CAST # LATITUDE DEG MIN 1 3 0 5 4 0 1 N	MAN				ָ עַ				S	STATION DESIGNATION	FSIGNATI	NO	
LATIT DEG MIN				MF02-11					<u> </u>				
LATIT DEG MIT								BAU8 BTAT8 YTIJI		(tms) (4ER	Ä	
DEG MIR		i d		<u>ģ</u>	TIME	ORY	WET	3 4 39	WIND	747	EAT BOTTOM		STA.
00880	+	DEG MIN	DAY M	MO YR	HR MIN			3 +	OIKN.	ul.	W OFFIH	+	NAME/ID
	Z	54.88.121	72W09	O C T 0 2	10409	7.7	•	8512		17	0 / 2	7	0 /x/q
CTD	Ħ	TIMES	JD/TIME				DATA LOCATION	No.		REMARKS	RKS		
TYPE & SN 9+ S/N 91220		DATA ON	1:40	15:00 EMT	Tape/Diskette ID	tte ID	File	File Name/Header	ader				
PRESS SN 80020	ST	START DOWN	1.40	2:00 cml									
TEMP SN 710/884	AT	AT DEPTH	91:40	14:16:00 6mT						1			
COND SN 915/530	AT	AT SURFACE C	04:20:00	:00 6MT						MAX.	MAX. DEPTH =	103	٤
		PAR 4242	FLUOR 153		ChIAM 109	RANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	bleed va	lve lve		
POS. TRIP DEPTH			CTD CONVERTED	ied Mönitor values	R VALUES			SAM	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUI	ABER
PRE	PRESSURE	PRI. TEMP.		SEC. TEMP.	PRI. SALINITY		SEC. SALINITY		SALINITY	SAL	NUTR.	유	, Whit's Nutr.
1 103										7	130-1		
2 76											1.2		
3 50											-3	/	
4 30											h-	7	
5 3				10							130-5	7	
9		8.		**************************************							36		
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DEG MIN 580/2/	aditiono		-OI =TAG	TIME	DRY BIR	WET	RESSURE SEA STATE VISIBILITY	WIND WIND	S c LOUD (amt) YPE REATHER	BOTTOM		STA.
12.108	DEG MIN	-	Y MO YR	HR MIN	<u>(</u>	\top) *		┿	
•	115114117	1 W 09	9 O C T 0 2	£ 11/10	7.8	•	8512	100	8172		9 6	11X
	TIMES	JD/TIME			ď	DATA LOCATION	NO		REMARKS	. SXS		
17 PE & SIN 9+ S/N 91220	Data on \mathbb{C}	0-64:40	0	را Tape/Diskette ال	te ID	File	File Name/Header	ader		į		
PRESS SN 80020	START DOWN	14:48	84:49:00 BMT									
TEMP SN 710/884	Ат DЕРТН	15:40	JHISHIOD CMI									
COND SN 915/530	AT SURFACE	04:59:00	9:00 GMT			ļ			MAX. D	MAX. DEPTH =	871	٤
	PAR 4242	FLUOR 153		ChIAM 109	RANSMIS	TRANSMISSOMETER		Cleaned air bleed valve	bleed valv	æ		
POS. TRIP DEPTH		D CONVE	CTD CONVERTED MONITOR VALUE	VALUES			SAM	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	TLE NUM	BER
PRESSURE	RE PRI. TEMP.		SEC. TEMP.	PRI. SALINITY		SEC. SALINITY		SALINITY	SAL.	NUTR.	CHL.	WHIT'S NUTR.
82/									7	131-1		
101										۲,		
54,								:		-3		
50										٠-4	/	
20			125							5-	1	
//										10-	7	
2										131-7	`	
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	NOW INTELLINE INCLUDING		MF02-11	MF02-11						STATION DESIGNATION	V DESIG	NATION		
CONSC CAST # LAT	ATITLIDE	HOILEIGNO	OATF DE		TIME (GMT)	DRY BUIR	WET	SESSURE SEA STATE	VISIBILITY	S C S C S C S C S C S C S C S C S C S C	YPE VEATHER © _	BOTTOM	STA.	STA. NAME/ID
DEG	NIM	DEG MIN	DAY MO	YR	HR MIN	(0,)	(0)	(fill)	(geb)) *	۸.	Ē		
1325803	N 8 8 .	151145.90	98W090CT	0 2	0550	7.4	<u>.</u>	5/2	8293	281	75	166	× 9 0	1 2
СТО	_	TIMES	JD/TIME				DATA LOCATION	NOIL		<u> </u>	REMARKS			
TYPE & SN 9+S	9+ S/N 91220	DATA ON	05:35:00	6 Δ/Ta	<u>0</u> 0 ^{6.4} √Tape/Diskette ID	te ID	正	File Name/Header	/Header					
PRESS SN 80020		START DOWN	05:32:00	DO GINT		:						1		
TEMP SN 710/884		АТ DEРТН	65: 39:00 GMT	M						,				
COND SN 915/530		AT SURFACE	05: 49:00 CMI	SMT						Σ	MAX. DEPTH	1 =	63	٤
		PAR 4242	FLUOR 153	ChIAM 109		SANSMIS	TRANSMISSOMETER		Cleaned	Cleaned air bleed valve	l valve	¢.		
POS. TRIP DEPTH		CTD	CTD CONVERTED MONITOR VALUE	NITOR V	ALUES			<u>ω</u>	SAMPLE BOTTLE DATA		SAMPLE BOTTLE NUMBER	BOTTL	E NUME	3ER
	PRESSURE	PRI. TEMP.	SEC. TEMP.		PRI. SALINITY	k ji	SEC. SALINITY	Ţ	SALINITY		SAL. NI	NUTR.	GH.	WHIT'S NUTR.
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50.5				£.								>-	7	
70 6 30	:											-6	1	
0) 100												-7		
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	STA. NAME/ID	A 6 X					/		SAMPLE BOTTLE NUMBER	CHL. NI			7	,	7	_	_				\dashv	
IATION	воттом рертн	(m)		,			H= 9		ВОТТЕ	NUTR. C	1	Ç	-3	-4	3	3						-
STATION DESIGNATION	A3HTA3W		REMARKS				MAX. DEPTH	valve	AMPLE		133-1				`	133-6	-	_	<u> </u>		_	_
ATION	S W S W S W S W S W S W S W S W S W S W		REN				¥¥	pleed		SAL.	7											
ST/		1 1			1			Cleaned air bleed valve	3OTTLE A	≧		'										15
	WIND DIRN.	9 G		leader				Clear	SAMPLE BOTTLE DATA	SALINITY												
	PRESSURE SEA STATE YTIJIBISIV	. 8 . 5 . (q	z	File Name/Header					S S S											_		
		m 2	САТІО	File				H.		LINITY												
	WET	(S)	DATA LOCATION		I			SOMET		SEC. SALINITY												
	DRY BULB	(°C) /- 9		Ω				TRANSMISSOMETER													\dashv	
		1		skette				TRA	<u> </u> 	PRI. SALINITY					İ							
ပ	TIME (GMT)	HR MIN 66 / 5		Tape/Diskette ID				109	CTD CONVERTED MONITOR VALUES	PRI. S												
PROJECT & LEG MF02-11	Š.	YR 0		SmIT	78	7	6m T	ChIAM 109	IITOR V	o.					11							
ROJEC		MO C T			00 6 mT	00 GMT	00 6		OW CI	SEC. TEMP.												
<u>a 2</u>	DATE	•		:17:	17.	21:	6:25:00	FLUOR 153	VERTE	SE												
		- % - %	JD/TIME	. 90	1:99	07:21	0		NO D Q	۳.												
	LONGITUDE	MIN 8			ş		щ	242	D C	PRI. TEMP.						:					1	
	LONG	7	တ္သ	NO A	START DOWN	АТ ОЕРТН	AT SURFACE	PAR 4242		ä												
		DEG N S	TIMES	DATA ON	STAF	ATD	AT S]	뿚												
VESSEL NOAA R/V MILLER FREEMAN	SE SE	2		1220						PRESSURE												
ER FR	LATITUDE	NIM 9		9+ S/N 91220	80020	710/884	915/530			<u>a.</u>												
/ MILL		DEG S	сто	•				I	TRIP DEPTH		16	35	0.5	3.0	0/	~						
VESSEL NOAA R	CONSC	133	១	TYPE & SN	PRESS SN	TEMP SN	COND SN		POS.	- .	1	2	3	4	5	9	7	8	6	10	11	12
<u> </u>			<u></u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>		<u> [</u>			75	2	30	01	0	0					•

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VESSEL NOAA R/	SEL A R/V MILLE	VESSEL NOAA R/V MILLER FREEMAN	,		PROJEC MF02-11	PROJECT & LEG MF02-11	ပ္					STATI	ON DES	STATION DESIGNATION	Z	
CONSC CAST#		LATITUDE	HOLLE	E C	DATE		TIME (GMT)	DRY BULB	WET	BRUSSBRG BTATE ABS	VISIBILITY OF S	WIND	S S S S S S S S S S S S S S S S S S S	BOTTOM		STA.
	DEG	MIN	DEG	MIN	DAY MO	ΥR	HR MIN	(°C)	П		(deg)	(m/s)	Λ *		-	
13	458	68.39N	05/15/1	1.48 W 09	V 0 9 0 C T	0 2	0646	6.9		225	8312	220	122	S	569	7 / X
	СТО		TIMES	JD/T	JD/TIME			۵	DATA LOCATION	NOL			REMARKS	KS		
TYPE	IYPE & SN 9+	9+ S/N 91220	DATA ON	0	06:47:00 CMT	CMT	Tape/Diskette ID	te ID	File	» Name	File Name/Header	!]		ļ	
PRE	PRESS SN 80	80020	START DOWN	,	06: 47.00 cmr	GMT			 					į		
TEM	TEMP SN 71	710/884	АТ DEРТН	00	06:50:00 em	0 m			 							
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