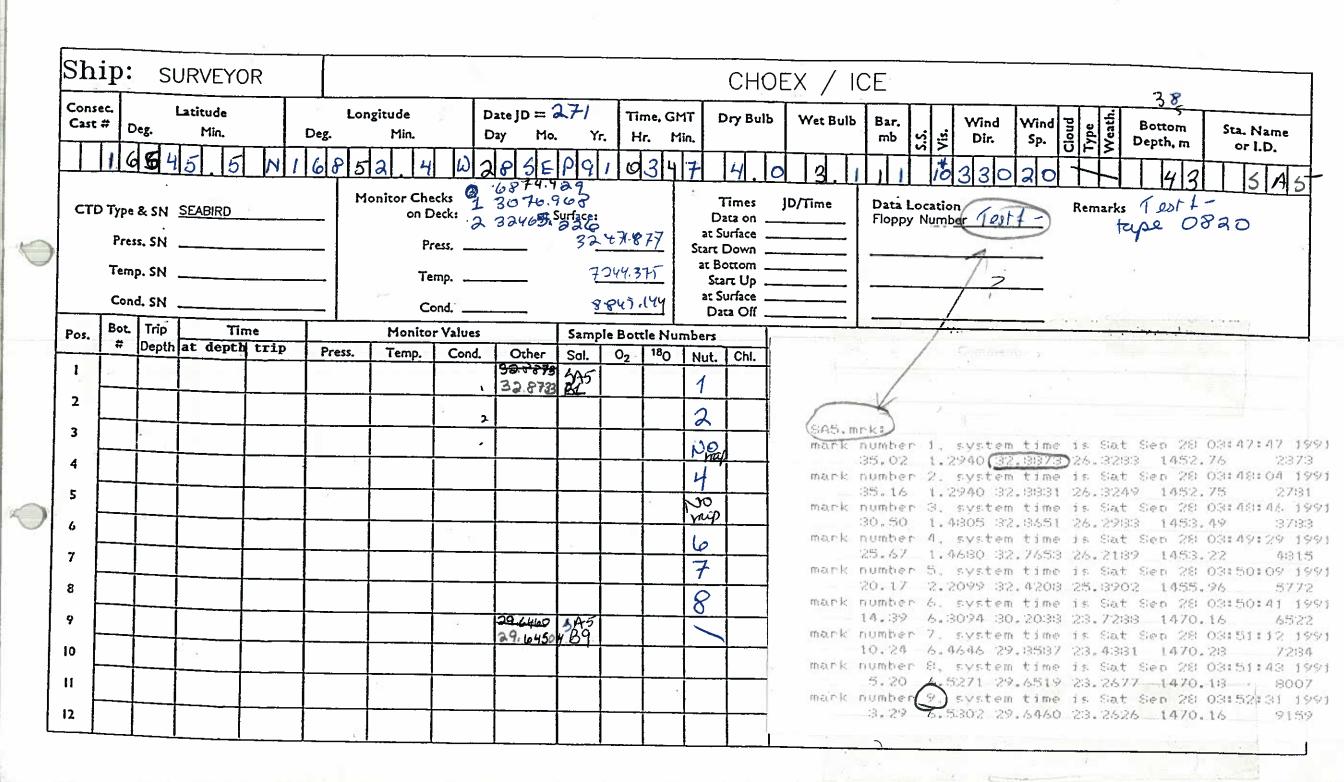
SI	nij	p:	Sl	JRVEYO)R				10			-		CHC	DEX / I	CE	
	nsec. st#			Latitude Min.	(Lor Deg.	igitude Min.		ate JD = (i ay Mo.			ne, GM		ry Bull	Wet Buib	Bar. Wind mb Si Dir.	Wind Bottom Sta. Name Sp. O H Sta. Name Or I.D.
	olc	0 6	33	3 1	WI	7/1	5 a	Wa	9 6 6 E	P 9	10	43	5	3.	7 3.0		
c	TD T	Type :	& SN	SEABIRD	.1.	_ м	onitor Che on D	ecks Decks	at S	Surface:			i τ Da	imes ta on .	JD/Time @43.3 643.3	Data Location Floppy Number Test	/ Remarks
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	14	Temp	. SN				Te	mp. <u>685</u> 3 2 40 ond. <u>307</u>	59 65:769	_			at Bo Sta	rt Up.	0435 0436 0441		
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ŀ	Pos,	Bot		Tim		-		ond. 30	<i>F</i> 617	Samo	le Bott	la Nu		a Off								
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6		30				-						44		mark number 1, system time is Sat Sep 28 09:17:01 19: 48.41 1.8753 33.1768 26.5205 1455.94 2883 mark number 2; system time is Sat Sep 28 09:17:53 19:
7		20					- 9		je			45		45.03 1.3717 33.1033 26.4619 1455.77 4134 mark number 3. system time is Sat Sep 28 09:18:30 19:
8		15										46		40.35 1.7466 33.0097 26.3953 1455.02 5028 mark number 4, system time is Sat Sen 28 09:19:18 199
9		10										47		35.81 1.7265 33.0029 26.3918 1454.85 6156 mark number 5, system time is Sat Sep 28 09:20:00 19
10		5										49		30.33 1.6828 32.9040 26.3156 1454.43 7173 mark number 6, system time is Sat Sen 28 09:20:33 199
11		580				7.1						50		25.07 2.6658 32.1579 25.6446 1457.68 7962 mark numbers 7, system time is Sat Sep 28 09:21:10 199
12						2.5								19.91 2.9138 32.0096 25.5059 1458.47 8850 mark number 8. system time is 8at Sep 28 09:21:46 199 15.04 5.6374 31.7809 25.0528 1469.46 9711
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11		40	7-4									65		30.2 mark numb	3 4.6646 30.9 er 6. system t	197 24.47 ime is Su	70 1464.6 n Seb 29 0	4 557t 7:58:15 19
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	СТО			SEABIRD			Monit		eck:		Surface:			T Da	imes	JD/Time	Floppy		er 🎏 /		R	emark	Tape of lost	10 10 10	7,01
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									mp. <u>690</u>		, <u>-</u>			572 25 35	rt Up _	54			 		-				
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	.	. ##	Depth	at depti	trip	Рге	ss.	Temp.	Cond.	Other	Sal.	02 ·	¹⁸ 0	Nut.	Chl.				Comme	ints					
	1		40							_		/		89											
	2	2	35			1		-	3					90								246			
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	,,					-				<u></u>						mark num	ber /	1. sv	stem t	time	is 8	ឈ្មែ ន		2145139	1991
	12					-	<u>.</u>						55			mark num	ther :	5. sy	stem t	time	g 5. S	iun S		2:46:05	362 1991
L							Š									50.	1:3	4.1:3:3	4 (30.	7181.9	24.7	M 96	1462.0	3 4	977

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Ţ,	Sh.	in.												
1	Shi		SU	URVEYOR									CH ^r	IOEX / ICE
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-		116	85	6.3	N16	65	9.3	, W2	958	PA	11	41	0 2.	11 11.512-10065100+ 4730108
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)			-			-	Pr	ress. 324	164,5	. 🕎	3246	8	at Surface . Start Down .	14 09 PROSRam hung up
				-		-		emp. <u>649</u>			683	· 1	at Bottom . Start Up . at Surface .	after last mark
+		1	100			<u>- </u>		ond. 307	6.98		8679		Data Off .	1414 minute to hier or deck unit)
ľ	Pos.		Trip Depth	Time at depth tr		Press.	Monitor Temp.	or Values Cond.	Other		ple Bottl			Comments
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	2		35					.	<u> </u>					mark number 1, system time is Sun Sen 29 14:10:42 1991 39,65 3,7011 31.7356 25.2187 1461.80 2172
	3	- 8	30				 	 	<u> </u>			<u> </u>	199	mark number 2. system time is Sun Sen 29 14:11:09 1991 35.38 3.6705 31.0632 24.6864 1460.74 2811
	4		35				i i	30.9708	1			<i>'</i>	101	mark number 3. system time is Sun Sep 29 14:11:40 1991 30.54 3.6782 30.9905 24.6279 1460.60 3558
	5		90					31,0444		184 No	L	J		mark number 4, system time is Sun Sen 29 14:12:08 1991 25.22 3.6845 60.9708 24.6116 1460.51 4221
	6		15					21		174	7 7	Pip.	103	mark number 5, system time is Sun Seb 29 14:12:35 199: 20.39 3.6343 30.9542 24.5933 1460.41 4369
	7		10					30.7236 30.7372		B7			104	mark number 6, system time is Sun Sen 29 14:13:05 1993
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	9		0							1			106	mark number 8, system time is Sun Sen 29 14:14:05 199 5,59 3.8884 80.7288 24.4012 1460.51 7029
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\vdash	100)K							- 				DEX			11						30r	<u>^</u>
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L	1	2 6	85	5 5		16	62	9 4	la	956	Pa	11	53	0	1	2 0	8	1	 	10 (065	11.	3 -		32	
	CTD		_	SEABIRD	M		Мо		Deck:		Surface:			Đ	ata on	JD/Tim		Data Flop	Loca py Nu	ation umb <u>e</u>	r		R	emark	Tape	16: 33 - 35:0
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1	5		5					-	3114300		y y			lua	 	mark	num	tier	5.	5.V5	tem t	ine	15 8	iun g		5:32:28 1991
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-			Trip	Tir		<u> </u>		ond. 30	10,				Dat	a Off		worked OK or hollo3
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	CTD			SEABIRD	-	-		Deck:		Surface:	> \ //	-3	Dat	a on	JD/Time 10/3	Data I Floppy	Locatio y Numb	per SK3	3 -	Remar	-ks TAPE 0010 -	
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323A

.93 23.43 -0.7545 31.1597 25.0345 1440.84 mark number 8, system time is Tue Oct 01 10:18:19 1991 18.71 -0.9012 30.9072 24.8344 1439.74 mark number 9, system time is Tue Oct 01 10:18:45 1991 13.23 -1.1565 29.9679 24.0799 1437.17 mark number 10, system time is Tue Oct 01 10:19:09 1991 7,94 -1,3460 (29,4774) 23,6859 1435,51 mark number 11, system time is Tue Oct 01 10:19:38 1991 3.07 -1.3390 29.4187 23.6382 1435.39 mark number 12, system time is Tue Oct 01 10:20:18 1991 2.30 -1.2941 29.4210 23.6393 1435.60

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0	TD.			SEABIRD		_ M		eck:		Surface:			Dat	imes	
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2			50			_				<u> </u>			133		mark number 1, system time is Tue Oct 01 11:30:31 1991 55.57 -1.6772 33.3756 26.8572 1439.98 3351
3			45						-				134		mark number 2, system time is Tue Oct 01 11:31:10 1991 50.21 -1.6777 33.3756 26.8573 1439.89 4287
4			40										135		mark number 3, system time is Tue Oct 01 11:31:45 1991 45.20 -1.6764 33.3718 26.8541 1439.81 5127
5			35									15	136		mark number 4, system time is Tue Oct 01 11:32:14 1991 39.60 -1.6283 33.1970 26.7109 1439.71 5820
6			30					ť¥		J.			137	-	mark number 5, system time is Tue Oct 01 11:32:44 1991 34.56 -1.5252 32.7131 26.3152 1439.47 6558
7			25	*		12			-				138		mark number 6, system time is Tue Oct 01 11:33:11 1991 29.53 -1.3447 32.2086 25.9011 1439.56 7197
8			20										139		mark number 7, system time is Tue Oct 01 11:33:37 1991 24.98 -1.0013 31.9200 25.6575 1440.73 7821
9			15										140		mark number 8, system time is Tue Oct 01 11:34:04 199
10			0	•						7			141		mark number 9, system time is Tue Oct 01 11:34:29 199:
्राः			5			-	-			100 m			142		mark number 10, system time is Tue Oct 01 11:34:56 19
12			SFU								-		1		mark number 11, system time is Tue Oct 01 11:35:20 19
						0.87	<u> </u>	<u> </u>	<u> </u>	1. 1	_	<u></u>	143	L	mark number 12, system time is Tue Oct 01 11:35:53 19
												2.58 -0.7883 30.0932 24.1725 1438.92 11079			

0 5 (0 1) 00 05 30

31 40 45 50 5 60 Ship: **SURVEYOR** CHOEX / ICE 62 Consec, Date ID = 274 Latitude Longitude Time, GMT Dry Bulb Wet Bulb Cloud busy Bar. Wind Cast # Bottom Deg. Sta. Name Min. Min. Deg. Mo. mb Hr. Min. Dir. Depth, m or I.D. Monitor Checks Data Location Floppy Number 5 K3 B -JD/Time Times Remarks TAPE CTD Type & SN SEABIRD on Deck: at Surface: Data on ____ 25 1800-2600 at Surface Press. SN Press 32462 32467.46 Start Down ____ at Bottom ____ Temp. 625044 6142.3 Temp. SN ____ Start Up _____ Cond. 3077 at Surface _ 8134.5 Cond. SN Data Off _ Bot Trip Time Monitor Values Sample Bottle Numbers Pos. Depth at depth trip Comments Press. Other ¹⁸0 Temp. 02 -Cond. Sal. Nut. Chl. 33.4635 1 SK3A SK2A.mrk: 61 144 33.465D mark number 1, system time is Tue Oct 01 12:24:43 1991 2 61.41 -1.6930 (33.4635) 26.9290 1440.11 2193 145 mark number 2, system time is Tue Oct 01 12:25:38 1991 3 33.4517 5K2A 49.63 -1.6924 33.4592 26.9256 1439.92 3531 146 33.4 65H mark number 3, system time is Tue Oct 01 12:26:01 1991 4 44.51 -1.6932 (33.451) 26.9195 1439.82 4071 147 mark number 4, system time is Tue Oct 01 12:26:22 1991 5 39.84 -1.6927 33.4385 26.9087 1439.73 148 mark number 5, system time is Tue Oct 01 12:26:42 1991 34.46 -1.6498 33.0997 26.6323 5061 149 mark number 6, system time is Tue Oct 01 12:27:02 1991 7 27.44 -1.4030 32.6980 26.2998 130 1439,95 5532 mark number 7, system time is Tue Oct 01 12:27:21 1991 8 24.13 -1.1068 32.0194 25.7411 5991 151 mark number 8, system time is Tue Oct 01 12:27:40 1991 9 19.44 -0.9120 30.5561 24.5504 1439.23 6447 mark number 9, system time is Tue Oct 01 12:28:01 1791 10 153 14.24 -0.9517 30.5371 24.5360 1438.93 6933 mark number 10, system time is Tue Oct 01 12:28:13 1991 11 9.38 -1.0062 30.4535 24.4698 154 -1438,48 7236 mark number 11, system time is Tue Oct 01 12:28:34 1991 12 155 5.14 -1.0271 30.4343 24.4547 1438.29 7740 mark number 12, system time is Tue Oct 01 12:29:01 1991 2.41 -1.0228 30.4342 24.4545 1438.26

Sh	ip:	SL	JRVEYC)R				-		- -			CH	DEX / I	CE								
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1	77	05	6.5	IN	15	93	3 5	ωι)10c	t9	j t	31	5-3.	0-3.2		- 3-			3 -		1-1-	6	5 K 2 B
CTI	Э Туре	& SN	SEABIRD	<u> </u>		Mo		Deck:	at:	Surface:			Data on	JD/Time	Data Flopp	Locatio y N <u>um</u> b	n er <u>ろ</u> 人	3B -	R€	emarks	263	2-	end
								ress. <u>3</u> 2			2466		Start Down at Bottom		<u> </u>			·	•		***		
								ond. <u>37</u>			161	- 1	at Surface		1		192		•				
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4	燕	<u> </u> 	-							W	_		158 159	44	+.57 -	-1.583	38 33.	.3349	26.8	3217	1440	.19	3435 3435 352 1991
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6 7		***					ii.	μi					161	mark nu	umber	6, sy	stem	time	is 7	Fue C	1440 ct 01 1440	13:17	4449 7:32 1991 4905
8													163	mark nu 24	umber +.08 -	7, sy -1.123	stem 33 32.	time 7891	is 7 26.3	Tue C 3655	lct 01 1441	13:17 .31	7:51 1991 5367
9													164	1 9	7.01 -	0.845	79 31.	0468	24.5	7459	1440	.18	3:09 1991 5799 3:23 1991
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0	onse	c. De	eg. 4	atitude	100	Deg.	Longitude		ate JD = :			ne, GM r. Mi	iT D	ry Bulb	Wet Bulb	Bar. Wind Wind p of the Bottom Sta. Na Depth, m or I.D	
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	CTD	Туре 8	. SN .	SEABIRD			Monitor Choon I		at S	Surface:			: T Da	imes ca on _	JD/Time 1326	Data Location Remarks Floppy Number 5K 5F	حام
Ň		Press	s. SN			_			465.3		324		at Su Start D	rface _ Down _		Can The approx	e.
7									23.				Star	τUp _		Not on Hoppy - Canada Oct 7 - No. dat file Pros Consette - Generated - Case Consette	
-		-	I. SN Trip	Tin				ond. 316	94.		3 66		Dat	a Off		- Generated	
P	os.			at depth		Pres		1	Other	Sam Sal.	O ₂		nbers Nut.	Chl.		Comments	
	1		35	1/								,/	168		~ \	Jo mak Gle-	
	2		30	1				22			,		169			Program bumbed 2x before the	
	3		25	V									170		Fish 1	was even in the water, then at the	<u>e</u>
	4		20	/	82								171		bother	not the cast. Deck Unit had been	
1	, ,		15	/								<u> </u>	174			I on all day to monitor temp.	
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1	Shi	<u>ъ:</u>	Sl'	URVEYOR							<u></u>			CHC	OEX / IC	CE 33
	Conse Cast #	# De	Deg.	Latitude Min.	Deg.	_	ngitude Min.		Date JD = 🤕 Day Mo.		4	me, GM Ir. Mi	1	Dry Bull	lb Wet Bulb	, , , , , , , , , , , , , , , , , , ,
-		197	104	18 2 1	NIT	21	98	ω_{o}	200	19	11	14141	<u>t</u>	0.	8 0.2	
	CTE			SEABIRD		Mc		Deck:	at S				Dat	ata on _		Data Location Remarks Floppy Number
)	1							ress. 32			3246	1100	Start D	Down _		Cassette 0011-0526
8	i						Ter	emp. <u>65*</u>	5 dt	_	6794,	— I	Stan	art Up _		
f	·	7	nd. SN Trip	Time				or Values)O V/		8 700 ple Bott		Data	a Off		Noisy & but plug was
+	Pos.			at depth tri	ip p	Press.	Temp.		Other	Sal.			Nut.	_		Comments
	1	-	33									1/	176		sf03.	-mrk:
	2	 	30	1				.h	<u>'</u>				177			number 1, system time is Wed Oct 02 14:41:18 199 33.69 0.4572 32.6264 26.1677 1448.61 2130
	3	 	25	!									178	1	mer k	number 2, system time is Wed Oct 02 14:41:47 199
	4		90	+				<u> </u>		~			179		mark	number 3, system time is Wed Oct 02 14:42:14 199 25.35 3.9222 31.3764 24 8123 1442 04
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	7	لـــا	10	+			1	==		-	1	<u></u> '	181	<u>_</u> '		15.66 3.9738 31.3803 24 8104 1443 14
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1	10			* 12				 				 '	1	 '	CEPMAN .	number 8, system time is Wed Oct 02 14:44:40 199 1.91 3.4833 31.3083 24.8980 1459.71 6975
Ì	"						100		 '			3.5	+	 '		
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	sec. t # {	Deg.	Latitude Min.		Lo Deg.	ongitude Min.	The state of the s	Date JD = Day Mo.		1	me, GM	•	Bulb	Wet Bulb	Bar. Wind Dir.	Cloud PuiX Type Weath.	Bottom Depth, m	Sta. Name or I.D.
	MO.	40	(८) प	NI	733	29.6	WC	20c	t 9	11	65	5 1	. 2	0.5	05-5082	10-	37	- 4 - 04
CI	ъ Туре	& \$N	SEABIRD		_		eck:	at S	orface:			Data o	on	D/Time 1655	Data Location Floppy Number	Remark	Casset	te 0545
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	Ten	p. SN			_	Tei	пр. 643	5	_	6813	9	at Botto Start U	m Jp		5×3A →		28	
	Cor	id. SN			_	Co	nd. 3/4	134	4	8711.8	8	at Surfa	ce	sf04.		1		516
Pos.	Bot.					Monitor	Values		Samp	ole Bott	le Nur			—— mark	number 1, sys <mark>te</mark> 33.20 -0.0752 3	n time is We	d_Oct_02	16:55:11 199
	+-	T	at depth	trip	Press.	Temp.	Cond.	Other	Sal.	02	¹⁸ O	Nut. C	ıl.	mark	number 2, system	n time is We	d 8ct 02	16:55:55 199
2	30	33			······································							184		mark	30.64 0.3802 3 number 3. system	n time is We	d 0ct 02	16:56:38 199
		30			·		ß					185			25.53 4.0494 3: number 4, system			
3		32										186	==		20.64 3.7143 3: number 5, system			
4		90									5 22	187			15.44 3.6465 3: number 6, system	1.1786 24.78	03 1460	.46 6240
5		15		_		dm	ble	tho 5)		18		->-		15.37 3.6443 3:	1.1780 24.78	00 1460	.45 4528
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7		10				14			V		- 5	189	-	mark	number 8, system 5.44 3.6432 3:			
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П						12					ş.			pospin		9.	<u> </u>	
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[51	<u> </u>				
Г			SI	URVEYOR										CH	DEX / I	CE					
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-	2	17	05	3 00 N	174	4 / 1	1 7	040	20C	79	12	02	4	Ĭ.	206	505	090	1 1 1		60	SF05
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	3		.40									9		mark num	Der 1, 5	ystem ti 15 32.77	me is	Wed -3120	Oct 02 20: 1446.58	21:56 1991	
	4		35						a u w					<u> </u>	_ mark_ num	ber 2, sy	stem ti	me is	Wed	Oct 02 20:	22:49 1991 3243
	5		30									70	 		_mark_num	ber 3, sy	stem ti	me is	Wed	Dct_02_20: 1450.72	23:39 1991
)	6		25						2		X0				_mark_num	ber 4, sy	stem ti	me is	Wed-I	Oct_02_20:	4449 24:20 1991
	7		20	* 9 B	-					盤計			<u> </u>		mark num	ber 5, sy	stem ti	me is	Wed (1462.76 Dct-02-20:	5433 24:46 1991
	8	3	15		-			. <u> </u>					┼		mark numl	ber 6, sy	stem ti	me is	Wed (1461.62 Jct 02-20:	6051 25:23 1991
	9		10			-									25. Mark-numl	ber 7, sy	stem ti	me is	Wed (1461.00 Oct-02 20:	6939 25:54-1991
	10		5		-								-	1	mark numi	ber 8, sy	stem ti	me is	Wed (1460.26 Oct 02 20:	7671 26:22 1991
0					_			·							mark numt	79 3.619 ber 9, sy	/8 31,21 /stem ti	22 24 me is	.8094 Wed	1460.38 3ct=02=20:	8337 26:53 1991
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					1.	19			N	<u>L</u>	<u> </u>		1	<u> </u>	- mark numb	ber 11, s	ystem t	ime is	- Wed	1460.39 Oct-02 20 1461.08	9975 :27:56-1991 10605

Sh	ip:	SI	JRVEYO)R							-		СНО	EX / 10	CE
Cons Cast	!	eg.	Latitude Min,		Deg.	Longitude Min.		Date JD = 7		1	ne, GM r. Mi		Dry Bulb	Wet Bulb	Bar. Wind Wind Bottom Sta. Name or I.D.
7	147	05	7 /	N)	75	00	4 W	0200	79	12	21	3:	2.0) 2	04 07508 70 SFØ6
СТІ	D Туре	% SN	SEABIRD	()) ())			Deck:		Surface:			Đ	ata on		Data Location Remarks TAPK
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		7					Cond	<u>3517</u>	_	868					so role 11
Pos.	Bot.	Trip Depth	Tir at depth	trip	Pre		Cone			le Bott					C
1	ξ <u>ι.</u> η	65				ss. temp.	Con	3. Other	Sal.	02	0	Nut.	Chl.	SF06.mrk	: ber 1, system time is Wed Oct 02 22:11:05 1991
2		60	7	-	-		- -							66.8	29 0.2909 33.2482 26.6775 1449.21 1893 ber 2, system time is Wed Oct 02 22:11:47 1991
3		50				.	-		. /			19 <u>87</u>		59.	17 0.7167 33.1062 26.5397 1450.84 2895 ber 3, system time is Wed Oct 02 22:12:20 1991
4		40							~					49.	22 1.3734 32.8769 26.3149 1453.33 3681
5	-	35		<u> </u>								_		39.	ber 4, system time is Wed Oct 02 22:12:56 1991 79 1.4795 32.8378 26.2765 1453.60 4539
6		 			121		 							34.	ber 5, system time is Wed Oct 02 22:13:25 1991 52 1.4289 32.8107 26.2580 1453.25 5241
7		30 25			_		- (8)							29.	ber 6, system time is Wed Oct 02 22:13:50 1991 79 1.3051 32.7513 26.2184 1452.54 5829
8		20			-						-		1	mark numl 25.	ber 7, system time is Wed Oct 02 22:14:14 1991 04 1.7655 32.6222 26.0839 1454.34 6414
9		1.5					-					<u> </u>		mark numb	ber 8, system time is Wed Oct 02 22:14:39 1991 54 3.7995 31.8397 25.2922 1462.03 6999
10									ļ					mark numb	ber 9, system time is Wed Oct 02 22:15:02 1991 51 3.5975 31.6439 25.1550 1460.84 7563
		10										ļ		mark numl	ber 10, system time is Wed Oct 02 22:15:25 199
11		5				40			/		₹			mark numb	35 3.2682 31.4807 25.0541 1459.14 8106 ber 11, system time is Wed Oct 02 22:15:47 199
12		SEC				540								mark numl	96 3.1150 31.4294 25.0263 1458.34 8646 ber 12, system time is Wed Oct 02 22:16:17 199
										·		•		1	60 3.1177 31.4435 25.0372 1458.32 9363

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21	[11]	p:	SU	RVEYC)R								CH	DEX /	ICE
Ca	nsec. st#	De		atitude Min.		Deg.	Longitude Min.		oate JD = Day Mo.	- ,	Time	GMT Min.		b Wet Bu	Ulb Bar. Wind Wind Photom Sta. Name or I.D.
	23	1	10	1 6	1 N 1	7 -	544.6	240	30C	79	101	33	Z	0/1	403 09909 58 5F07
c	TD T	Type 8	ksn <u>i</u>	SEABIRD	S.			Deck:	at S			:	Data on	JD/Time	Data Location Remarks TAPE Floppy Number
		Press.	.sn .				:	Press. 32	463	•	3246	ZIs	at Surface tart Down		3045 - 3725
	•	Temp.	.sn .				ī	emp. <u>70</u>	32_	-	6642	_	at Bottom . Start Up .	6133	Note-in air, 12
		Cond.	.sn		. <u>.</u>			ond. 33			8535		at Surface		- sometimes heiss before
Pos	(. · ·		Trip	Tir				or Values			le Bottle				
-	-		i	at depth	trip	Pre	ess. Temp.	Cond.	Other	Sal.	02		lut. Chl.	SF07.	mrk: number 1, system time is Thu Oct 03 01:31:20 1991
'	385		53						_	9824	_	- 6	015		54.66 -1.5743 33.7883 27.1898 1441.02 1833
2		İ	50	 -				7-					- i		number 2, system time is Thu Oct 03 01:31:54 1991 49.32 -1.1773 33.6895 27.0974 1442.69 2646
3			45	-		┼─			-				16	mark-	number 3, system time is Thu Oct 03 01:32:21 1991
4	-					_		<u> </u>	<u> </u>			<u> </u> [217		44.20 -1.0935 33.6251 27.0423 1442.91 3291 number 4, system time is Thu Oct 03 01:32:42 1991
	-		40			<u> </u>						6	48		39.45 -1.6582 33.4840 26.9448 1439.95 3801
5			35	1		Ì		1			2	3	19		number 5, system time is Thu Oct 03 01:33:04 1991 34.75 -1.3424 33.2722 26.7641 1441.10 4323
6			30			1		19							number-6, system time is Thu Oct_03_01:33:25_1991 29.36 -0.8330 33.1576 26.6543 1443.27 4836
7			25			+				<u> 12</u>		0	99		29.36 -0.8330 33.1576 26.6543 1443.27 4836 number 7, system time is Thu Oct 03 01:33:46 1991
8	\vdash					 			 			5	121		24.50 -0.4829 33.0098 26.5211 1444.63 5325 number 8, system time is Thu Oct 03 01:34:08 1991
	\vdash		20			<u> </u>		O45				_ 2	رد		18.87 2.8281 31.8156 25.3581 1457.84 5859
9			15									2	23		number 9, system time is Thu Oct 03 01:34:31 1991 13.92 2.5533 30.7068 24.4943 1455.12 6405
10	L	_	10	•					7			_			number 10, system time is Thu Oct 03 01:34:53 1991
11			5			1	77		 			*	24	mark	9.36 2.4769 30.6925 24.4885 1454.69 6927 number 11, system time is Thu Oct 03 01:35:15 1991
12	_					<u> </u>						0	85		4.20 2.4693 30.6905 24.4875 1454.57 7464
12		\bot	SFC							_/	†	-	∂6	mark	number 12, system time is Thu Oct 03 01:35:40 1991 1.55

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	nsec st#			Latitude Min.	,	Lo: Deg.	ngitude Min.		Date JD =		•	ne, GM		ry Bulb	Wet Bulb	Bar. Wind Wi	Cloud Type Weath.	35 Bottom	Sta. Name
	2/2	17		1			1 1		Day Mo.	10	- -	r. M			<u> </u> 		· 입투호	Depth, m	or I.D.
	<u>~ </u>	/ 1_ ' !		161.161					931ac	117	119	ا ا	9 0	1	111.10	03-51050	8 -	140	5 F Ø 8
c	TD 7	Type 8	& SN	SEABIRD	<u>a</u>	_ "	ionitor Che on D	ecks ecks	at S	Surface:			D:	imes ca on	JD/Time のうの9	Data Location Floppy Number	Remark	S TAPE	
		Press	. SN			_	Pr	ess. 33	2463,5		<u> </u>		at Si Start I	orface Down			-	0010 -	0538
	•	Temp	. SN			_	Te	mp. <u>6</u>	16907	-			at Bo Sta	rt Up _		0	-		
		Cond	. SN	-		_	Co	ond: 3/	51 41	•			at Si	urface		E-F-4g ² vp			
Pos	. 1		Trip Dooth	Tir at depth			,	r Values			le Bott		nbers	(()) = 3				E 1610	->
1	1	===			CIIP	Press.	Temp.	Cond.	Other	Sal.	02	¹⁸ 0	Nut.	Chl.	SFO8.mr	Comments			
2	-		37		35	 ·	<u> </u>						227		mark nu	mber 1, system time	is Thu	Oct 03 03	:09:46 199
3	\vdash		30	1				2.					998		📗 mark nu	%.71 -1.3466 33.0203 mber 2, system time	is Thu	Oct 03 03	:10:29 199:
4	-		35										229		_ mark nu	.38 -0.8036 32.5294 mber 3, system time	is Thu	Oct 03 03	:10:58 199:
5	-		30		A.	· <u></u>							230		24 mark nu	.60 -0.5439 32.4617 mber 4, system time	26.0803 is Thu	1443.61 Oct 03 03	3855
	-		15							~			231		19	.87 4.1897 31.3539 mber 5, system time	24.8688	1463.05	4449
6	-		10					ŧŝ		ii.		<i>*</i>	232		14	.90 2.7318 30.6271 mber 6, system time	24.4171	1455.81	5121
7	-		5										233		9	.92 2.6872 30.6144 mber 7, system time	24.4104	1455.52	5775
8	-		SH.			_						<u> </u> 	234		5	.53 1.8594 30.3487	24.2562	1451.46	6483
9	-			1										-	2	mber 8, system time .18 1.8550 30.3458	24.2541	1451.38	:13:14 1991 7107
10	-			77									ĊΙ			4			
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C	Shi	n·			\D												
г				JRVEYC)K	<u> </u>							CH	OEX / I	CE	3§	
	Cast #	•		Atitude Min.	D	Lo eg.	ngitude Min.	•	Date JD = 5 Day Mo.			ne, Gi r. M		lb Wet Bulb	Bar. Wind Wind Pno	Bottom Sta	L Name
L	2	57	10	9.1	921-	65	79 7	200	30c	t9	10	43	7 1	00.	703-510209-	1 1 1 1 1 1 1 1 1	F1019
	CTD	Туре	& SN	SEABIRD	7	۸ ا	1onitor Che on D		at S	Surface:			: Times Data on	1D/Time		narks Tapo	11 1017
		Press	s. SN			_			163.4		3 246	9.5	at Surface Start Down			0548-105	3 .
		Temp	o. SN			-	Te	mp. <u>63</u>	389	6	o2 47	<u>[22]</u>	Start Up				
L								ond. 316	28		3183.		Data Off				
i	os.	- Illiania	Trip Depth	Tir at depth	1	Press.	Monitor Temp.	r Values Cond.	Other		le Bott				Comments		
Γ	1		29	- 3.		11633.	Temp.	Cond.	Other	Sal.	02	100	Nut. Chl.	SF09.m	rk:		
	2		-	<u> </u>						-		_	235	mark m	umber 1, system time is T 0.36 -0.2108 32.1661 25.8	nu 8ct 03 04:37: 281 - 1444.84	29 199 1245
	- }		25				3É	10					236	mark n	umber 2, system time is T	nu Oct 03 04:38:	:13 199
	3		20								_		237	mark nu	5.18 -0.2161 32.0775 25.79 Amber 3, system time is T	nu Oct 03 04:38:	2301 56 199
	4		15										238	1,	7.83 -0.2180 32.0179 25.7 umber 4, system time is T	087 - 1444,46	3327
	5		10				*					10		1:	5.53 -0.3670 31.4842 25.26	335 1442.98	4005
	6		5			<u> </u>	179						239	1.0	umber 5, system time is TM 0.45 - 0.3820 29.8243 23.9	146 1444.16	4713
	, I									14			240	mark nu	umber 6, system time is Th 4.47 0.1151 29.7438 23.8	nu Oct 03 04:40: 404 - 1442 72	24 199 5442
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	`					_		3 39			ΞE				2.25 0.1189 29.7471 23.80	531 1442,71	5961
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Г		<u> </u>			181										$=$ L	8
\ \ \	Shi	ip:	Sl	JRVEYO)R									CH	DEX / K	CE 32
	Conse Cast			Latitude Min.		Deg.	Longitude Min.		ate JD == ay Mo.			ne, GM		ry Bul	b Wet Bulb	Bar. Wind Wind Sp. Of L. Sp. Depth, m Sta. Name or I.D.
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Jr.						_	Pro	ess. 324	61	- 2	3246	<u>-</u>	Start I	Down .		1300 - 1902
						-		mp. <u>63</u>			225	- 1	Sta	rt Up .		· · · · · · · · · · · · · · · · · · ·
-								nd. 32	74		7933		Da	ta Off		
- 45	Pos.	Bot.		at depti	me trip	Pres	Monitor	Values Cond.	Other	Samp	le Bott			Chl		Comments
	1		34	17		-1		_		J	UZ I	<u> </u>	242	1		
	2		30		<u> </u>										SE05.m	
	3		.25										243	<u> </u> 	3	Number 1, system time is Thu Oct 03 14:13:01 199
	4		20							_			244		3	umber 2, system time is Thu Oct 03 14:14:01 199 10.26 -1.7229 33.8120 27.2131 1439.94 3777
	5	3.4)5	<u> </u>								•	245		mark n	umber 3, system time is Thu Oct 03 14:14:35 199 5.14 -1.5784 33.3112 26.8023 1439.87 4581
	6		10										246		mark n	umber 4, system time is Thu Oct 03 14:15:02 199 9.94 -0.9933 32.5941 26.2034 1441.60 5229
	7		5					- 10					247		mark nu	umber 5, system time is Thu Oct 03 14:15:30 199 5.70 1.1059 31.2286 25.0077 1449.41 5898
	8		SFC					<u> </u>		-1		-	248		mark n	umber 6, system time is Thu Oct 03 14:15:59 199:
	9		<i>3r</i> •						<u> </u>	7			249		mark nu	umber 7, system time is Thu Oct 03 14:16:28 199:
	10		· -	(A)							.21	·			mark nu	5.12 -0.4292 27.9922 22.4649 1437.84 7281 umber 8, system time is Thu Oct 03 14:16:53 199: 2.27 -0.4273 27.9801 22.4551 1437.79 7884
	,,						e:					 	<u> </u>		'	2.27 -0.4273 27.9801 22.4551 1437.79 7884
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ip:	Sl	JRVEYOR								CHC	HOEX / ICE
sec. t # [Latitude Min.	Deg.	-		1		- 1			ulb Wet Bulb Bar. Wind Wind B Bottom Sta. Name Depth, m or i.D.
7	102	9 66 N	17	829	32 E	030	C 7 9	1 /	60	6-0	8-1.5 32014 49 5 0 4
ъ Туре	e & SN	SEABIRD					at Surface:			Data on _	JD/Time Data Location Remarks TAPE Floppy Number
Pre	ss. SN				Press.	32461	**	3246	65	at Surface _ Start Down _	19/5 - 2555 Paulad Cita an astrona Acadea
Ten	np. SN				Temp	6135	-	622	4	Start Up _	and theelf with agent segon and
Cor					Cond.	3178	_ = .	799	0	at Surface _ Data Off _	d kept dunyong the screen - GP13 uses intorrupt 7, same as
Bot.		Time									CCOA make
64	30000			ess. Tel	mp. Con	id. Other	r Sal.	02	100	No. 2 Personal	mark number 1, system time is Thu. Oct 03 16:03:59 1991 44.56 -1.7479 33.8340 27.2316 1440.03 1788
	959/500-0		<i>(1)</i>					<u> </u> 	IK.		mark number 2, system time is Thu Oct 03 16:04:41 1991 40.52 -1.7470 33.8322 27.2302 1440.02 2305
	- 1							ļ 			mark number 3. system time is Thu Oct 03 16:05:10 1991 34.79 -1.7476 33.8326 27.2305 1439.92 3489
			_					<u> </u>	<u> </u> 		mark number 4, system time is Thu Oct 03 16:05:35 1991 29.77 -1.7472 33.8308 27.2290 1439.84 4089
		 					53		20		mark number 5, system time is Thu Oct 03 16:06:03 1991 25.09 -1.6530 33.6743 27.0993 1440.01 4755
	2.1				ni					- 2	mark number 6, system time is Thu Oct 03 16:06:29 1991 19.79 -1.3203 32.3955 26.4578 1440.45 5391
	15			100			== 1 <u>0</u>		10		mark number 7, system time is Thu Oct 03 16:06:54 1991 14.33 -1.1090 32.4675 26.1044 1440.79 5973
	10										mark number 8, system time is Thu Oct 03 16:07:15 1991 9.58 0.2199 30.6475 24.5346 1444.49 6495
	5	<u> </u>							_		mark number 9, system time is Thu Oct 03 16:07:43 1991 5.04 -0.2517 29.1261 23.3753 1440.19 7149
	SFC						/			27.27	mark number 10, system time is Thu Oct 03 16:08:11 1991 2.86 -0.4180 28.5616 22.9244 1438.62 7821
				- C					· ·	651	4
			111			_			 		
	D Typ Pro Ten Co	D Type & SN Press. SN Temp. SN Cond. SN Bot. Trip Depth 40 35 30 25 16 10	# Deg. Min. 7 7 0 2 9 6 6 N D Type & SN SEABIRD Press. SN Temp. SN Cond. SN Bot. Trip Time at depth trip 44 40 335 30 25 20 13	Eatitude Deg. Min. Deg.	Latitude Deg. Min. Deg. M	Latitude Deg. Min. Deg. Monitor Checks On Deck: Deg. Monitor Checks On Deck: Deg. Monitor Checks On Deck: Deg. Deg. Monitor Checks Deg. Deg. Monitor Checks Deg. Deg. Monitor Checks Deg. D	Latitude Deg. Min. Deg. Min. Date JD = Day Min. Deg. Min. Day Min. Day	Latitude Deg. Min. Deg. Min. Day Mo. Y	Latitude Deg. Min. Deg. Min. Date Deg. Tip Deg. Min. Date Deg. Deg.	Date Deg. Min. Deg. Min. Date Deg. Time, Gh. Hr. Min. Day Mo. Yr. Hr. Min. Min. Min. Min. Day Mo. Yr. Hr. Min. Min.	Date Date

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	Shi	p:	SI	JRVEYO	DR										CHC	DEX / I	CE 43
	Cast :	# D	eg.	Latitude Min.		Deg.	Longitu 1	đe Yin,	2.0	ate JD = ay Mo.			ne, GM r. Mi		ry Bull	Wet Bulb	
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	CTD			SEABIRD	<u> </u>	,	Monito			at S				at Su	rface .	JD/Time 2005	Data Location Remarks Floppy Number Cascello 2610-3132
)										<u>14.6</u>		2462 , 230		at Bo	ttom _		
									np. <u>273</u>			<i>0</i> 42.		at Su	rface .		
	Pos.		Trip Depth	Ti at depti	me M trin			ionitor				le Bott					Comments # 5 did not hip
Ī	1		411	de depe	CLIP	Pres	ss. T	emp.	Cond.	Other	Sal,	02 ·			Chl.		Comments 45 and not hup
	2		35		-		\dashv							260			
	3		30			+	-				レン			261			
	4	/	25			+	+	-					- ×	262		-> c	omp. died / came up 5 m by worch readons
	5	1	20						1	- \				263			nly got 8 bottles; depths must be
)	6		15		-				N 1	D MU	P			264		@ appr	eximate OR I skepped a depth
	7		10				+	-			V			265		Citw	ould be #4 probably)
	8		5				+	-			V			266	, i		
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	$2\mathbf{n}$	<u>ip:</u>	Sl ——	JRVEYO	R	<u> </u>							(CHC	DEX / IC	CE					41	
	Conse Cast	# n	 A	Latitude			ngitude		Date JD =			me, GM		y Bulb	Wet Bulb	Bar.		Wind	Wind	ath.	Bottom	Sta. Name
i				Min.	D.		Min.	-	Day Mo.	. Y		r. M						Dir.	Sp.	Cloud Type Weath.	Depth, m	or I.D.
	10	111	140	5 5	N/15		6.5	7.7	0300	119	1/2	114	3 -	1	2-11.14	05	- 3	256	123	1	46	SEO2
	CTD	Туре	& SN	SEABIRD	il.	_ ₋ M	onitor Che on D		20.25	Surface:			Ti Dat	mes a on _	JD/Time 44	Data L Floppy	ocation Numbe	ı er		Remark	s 770 31	56-3739
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)		Tem	p. SN			_	Ter	mp. <u>6</u>	4264	J.	6240	9,6	at Bot	tom _				319	Si.		9	
						_	Co	nd	0	_	2112	8	at Sui Data	rface _ Off _						Plus	lost.	
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ĺ	1	20	41			Press.	Temp.	Cond	. Other	Sal.	02	1	Nut.	Chl.				Comme				
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	4												271		Section Ki							
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	7		25					- 3		121			274		mark numb	er 3,	syst	em ti	me is	: Thu Oc	t 03 21: 1439.81	44:38 1991 3609
V	8		,0										275		mark numb	er 4,	syst	em ti	me is	Thu Oc	t 03 21:	45:05 1991 4257
	9		<u>\</u>										276		mark numb	er 5,	syst	em ti	me is	Thu Oc	t 03 21:	45:30 1991
	10		SH.					 -					277	ş	mark numbe	er 6,	syst	em ti	me is	Thu Oc	t 03 21:	4839 45:52 1991
															mark numbe	er 7,	syst	em ti	me is	Thu Oc	t 03 21:	5382 46:17 1991
	"						U								mark numbe	er 8,	syst	em ti	me is	Thu Oc	1440.36 t 03 21:	5976 46:48 1991
L	12					31					1 41				mark numbe	er 9,	syst	em ti	me is	Thu Oc	1440.28 t 03 21:	6723 47:18 1991
					<u> </u>			_	 	·	y=	'			2.1	1 -0.3	3556	29.55	05 23	.7212	1440.23	7440

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ſ							108	(It.								
	Shi	p:	SI	JRVEYOR		7.7	A STORY						CHO	DEX / I	CE	30
	Conse Cast	1	eg.	Latitude Min.	Deg.	Longitude		Date JD = 2 Day Mo		- 1	me, Gi	_	Pry Bull	b Wet Bulb	Bar. Wind Wind pool of L	39 w Bottom Sta. Name
	3	06	95	2.9	N 17	954.	a E	04 0 c	t 9	10	24	6 -		3-26	3 6-1 1	≥ Depth, m or 1.D 44 5 E 0
	CTD			SEABIRD		Monitor	on Deck:		Surface:			D:	eta on .	JD/Time D244	Data Location Rem	
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ŀ		Bot					Cond. 3)			8317			ca Off	0248	31	14 (~ 0.3284)
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	1		41						30	U _Z	J	278	Cili.	se01.mrk	**************************************	
1	2		35											mark numt 41.5	per 1, system time is Fri 35 -1.3951 33.2691 26.7631	Oct 04 02:42:28 1991
	3		30					1	1/			279		mark nume	per 2, system time is Fri 98 -0.9165 33.0597 26.5780	Bet 04 00.40.00 1001
	4		25						-			280		nerk urm	er_3, system_time_is_Fri_ +1 -0.4637 32.8602 26.3994	Bet Od Obrabina room
	5		20									281		men s name	'er 4, system time is Fri	8ct 64 69.49.46 1001
	6		15								-	583		mark numb	o -v.a/va ac.8472 26.3850 er_5,_system_time is Fri) 1444.92 3543 Oct.04.02.42.50 4004
	7		10					-				383		mark numb	er 6, system time is Fri	9 1445.05 3993 8ct-04.02.44.20-1994
	8		5									284		mark numb	o -0.2487 32.7462 26.2982 er 7, system time is Fri-	1445.21 4497 Oct 04 02:44:40-1991-
	,		Stu			_			V			285		The Park His John St.	8 -0.3861 31.7002 25.4587 er 8, system time is Fri	' 1770 00 76ma
	10		250				_					286		a	9 -0.4183 31.5777 25.3609 er 9, system time is Fri	1445 75 5466
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L														No No. Control Control Control		

5	Shi	p:	SU	JRVEYC)R	15					<u> </u>				CHC	HOEX / ICE
F	 Conse	c.		atitude			Longit	ude:	D:	ate JD = {	277	Tir	ne, Gh		ry Bulb	75
-	Cast			Min.		Deg.		Min.		ay Mo.		4	r. M		,, Dail	ulb Wet Bulb Bar. Wind Dir. Sp. Depth, m Sta. Name or I.D.
-	3	16	75	9.5	9 11	17/3	59		IWO	400	t 9	11	93	9	d.	5-0913-1032508 505002
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1		Press	s. SN		<u> </u>			Pre	ess. 324	63	. 3	2467.	8	at Si	urface _	(00:010008-0603
)		Temp	s. SN						mp. <u>623</u>		6	731.	6	at Bo Sta	ottom _	1939 SE 0 SC (W)
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	os.		Trip	Tir				Monitor	Values	= =#		le Bott			- 1	
+	,			at depth	trip	Рге	ess.	Temp.	Cond.	Other	Sal.	02	¹⁸ 0	Nut.	Chl.	Comments
	2		45			-								288		
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	- }		30								/			991		mark number 2, system time is Fri Oct 04 19:39:52 199
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	6		20						W					293		34.45 -0.7299 33.6260 27.0296 1444.47 3363 mark number 4, system time is Fri Oct 04 19:40:45 199:
	7		15								V			294		mark number 5, system time is 5: 0-1 048.16 3972
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	•		Sh	•							-(-			297		
1	1													0-11		mark number 8, system time is Fri Oct 04 19:42:23 1991 11.47 3.1359 30.9158 24.6151 1457.87 6327
1	2			ii.	1											6.37 3.0785 30 8440 24 5785 1/50 17:42:59 1991
		<u>-</u>				<u></u>	<u> </u>					A13	10 131	Ť.	<u> </u>	mark number 10, system time is Fri Oct 04 19:43:29 199 3.13 3.1414 30.8226 24.5403 1457.64 7902

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	СТ			SEABIRD	<u> </u>		Mo		eck:	at S	Surface:			T Da	imes ta on	JD/Time	Data Location Floppy Number	on ber		Remark (asse	tt 063	
0									ess. 324					at Bo	ttom		56,50		<u> </u>	Pale	Division and	e d
530						Į.			mp. <u>616</u>		-			Stai at Su	rt Up 🔔 Irface 🚤					Cak	eminal	
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	Conse Cast :			atitude Min.	Deg		gitude Min.		ate JD = ay Mo.		4	me, GM	1	Pry Bull	b Wet Buib	LE CONTROL STANDARD
	3	36	8 /	184	ルリフ	3/	2 1	2W0	50C	79	10	5 1	5	0	4-110	110 2 5 Dir. 3p. 0 F 5 Depth. m or I.D.
	CTD	Туре	& SN	SEABIRD		M	onitor Che		at S	Surface:			i 7	imes	JD/Time	Data Location Remarks TAPE
)				 	<u>-</u>			ess. <u>32</u>			3246		at S	urface .	05/5	SE SC 0645-1319
						-		mp. <u>68</u>			867		Sta at S	irt Up . urface .		
	Pos.	Bot.	Trip	Time		· 1	Monitor	· Values			le Bot	tle Nur	nbers		<u> </u>	
H	1			at depth tr	1p	Press.	Temp.	Cond.	Other	Sal.	02 ·	¹⁸ O	Nut.	Chl.		Comments
	}	85 L	47										298		SC03.mrk:	
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	7		20								<u></u>		304			er 6, system time is Sat Oct 05 05:15:33 1991 7 6 2.1809 33.0378 26.3862 1456.71 5172
	8		15							V	KIS .	,	305		mark numb	er 7, system time is Sat Oct 05 05:15:56 1991
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L						Ŏ.							(304)	1.	mark numb	er 11, system time is Sat Oct 05 05:17:53 1991 5 2.7888 31.7033 25.2716 1457.25 8403

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Sh	ip:	SU	JRVEYC	R								CH	IOEX	/ 10	Œ							7.6	-
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СТІ	Э Туре	& SN	SEABIRD			Monitor o	Checks on Deck:	;	t Surface:				JD/Ti		Data Flopp	Loca	ation umbe	r		-		ks TAPE	
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							Cond	3540		8687		at Surface Data Of								,			
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3		40			-			-	Ť			312	mark	45.6 numb	8 2 er 3	.12	40 ; vste	92.91:	30 2 ne i	5 5 6,2	at U 907	ct_05_07; 1456,64	2166 52:49 1991 _ 3009 53:30 1991 _
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6		25			ļ							315	į)	30.4	18 1	.97	714	32.76	99 8	26.1	875	1455.53	6018 55:42 1991
8		20										316		24.7	77 1	.84	17	32.69	29 8	26.1	351	1454.77	7152 :56:21 1991
9		10										317		20.1	. 1 1	.82	829	32.67	57 8	26.1	.227	1454.59	8088 156:54-1991
10		5					-					318		14.8	39 1	84	104	32.66	38 8	26.1	118	1454.56	8883 57:32 1991
11		5							-		35.	319		10,0	8 3	3.73	392	30.82	06 8	24.4	871	1460.30	9783 7:58:16 1991
12		5,0										320		5.0 numb	9 3 er 1	3.76 1,	26 Sys	30.77 tem t	89 a ine	24.4 15	518 Sat	1460.27 Oct 05 07	10854 7:58:47 1991
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Sh	ip:	SUF	RVEYOR									CI	101	EX / I	CE				<u></u>		- d	
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ст	D Туре	& SN <u>S</u> [EABIRD	·	Mo	onitor Che on D	ecks Jecks	at:	Surface:			: Time Data o	s ດ <u>_ ປ</u>	JD/Time	Data Flopp	Locatio v Numl	on oer		Rem	narks		- 28 24
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							and. 33	604	•			at Surfac Data O	e ff									
Pos.		Trip Depth a	Time t depth tr	ip ;	Press.	Monito Temp.	r Values Cond.	Other	Samp Sal.	le Bott	le Num	bers Nut. I Ch		olid not	mp		Comme	nts				
-1		52							1			300	4	Pash	_(0						_	14
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4 5		35			<u> </u>							325	_	mark nu	uper 3	.6754 . 5ys	5 82.7 stem t:	456 2 ime i	6.189 s Sat	71 1 : Oct	454.43 05.10:	2499 01:21 199
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7		90 90				i i	" @		2			327		mark num	nber 5	, SV5	5 32.66 stem t	291 2 Lme i	6.086 s Sat	s6 1 Oct	454.69 -05.10:	3531 02:03 199
8		15			(2)	<u>, , , , , , , , , , , , , , , , , , , </u>			V			328	81 8	mark mun	mer 6	, Sys	stem ti	me i	s Sat	Oct	455.86 -05-10:	4026 02:24-199
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6		30	,											5	mark n	number 5, system time is Sun Oct 06-18:28:20 199:
7		15					. <u>. </u>							7	mark m	number 6, system time is Sun Oct 06 18:28:58 199:
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2		3,9	ā						/			496	SAO4.mrk:
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4		25	_									498	mark number 2, system time is Mon Oct 07 13:14:02 199
5		Do									G.	469	mark number 3, system time is Mon Oct 07 13:14:26 195
6		15					4.					SDO	30.45 3.3848 32.3587 25.7435 1461.12 3129 mark number 4, system time is Mon Oct 07 13:14:53 199
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21	ip	S	URVEYO)R ———								CH(DEX / I	CE		43	
	sec.	Deg.	Latitude Min.		Peg.	Longitude Min.		ate JD == Day Mo.	. Yı		ne, GMT : Min.	Dry Bull	Wet Bulb	Bar. Wind mb Si ⊃ Dir.	ds ds ds Type Weath.		Sta. Name or I.D.
	53	651	15 6	0 1	68	516	3 W 0	70 c	t 2	1 ,	511		0-02	17-10245	1 2	48	
c.			SEABIRD	3.			cks eck:	at S	Surface:		2	Times Data on	JD/Time	Data Location Floppy Number	Remark		
							ess. <u>324</u>			246	S	art Down .		3B-5A	<u> </u>		•
							mp. <u>[e]</u>			6958	'	Start Up .		·	Binai	S- ERRO	a weiting
<u> </u>							ond. 317	0		8764		Data Off			Conver	ed dary	, nm 4
Pos	Bot		Tinh at depth		Press	Monitor		Other	Samp Sal.	O ₂	le Numb	ers lut. Chl.		Commen	ts		
1		44	23 32	0	d	not cl		Julia	30%	O ₂ ·		04	and the fact than				
2		40				10000		W						ber 1, system ti			
3		35										05	mark num	52 3.8233 32.38 ber 2, system ti	me is Mon O	ct=07-15:	
4		30									1			78 3.8321 32.38 ber 3, system ti	me is Mon O	ct 07 15:	
5		25										07	35. mark num	22 3.8444 32.37 ber 4, system ti			2877 12:40 1991
6		90		<u> </u>			= ,,					60		27 3.8520 32.36 ber 5, system ti			3456 13:08-1991
7		15	 						R0			09	-	51 4.2359 31.63 ber 6, system ti			4107 13:30 1991
8		10										10	20.	23 4.3118 31.36 ber 7, system ti	17 24.8631	1463.57	4635
9		5										71 =1=	15,	18 4.3583 31.28 ber 8, system ti	83 24.8001	1463.59	5247
10		580					=	-				12	10.	64 4.3874 31.22	95 24.7506	1463.56	5811
11		-				÷					15	13	4.	ber 9, system ti 69 4.6379 30.68	34 24.2922	1463.81	6489
12	-	 										1 closed	3,	ber 10, system t 85 4.6313 30.68			6:15:08 199: 6957
	1							<u> </u>				10 did	not				

sample taken From 11

CI	·		•									<u> </u>		
21	ip:	SURVEYO)R 									CHC	DEX / I	CE 48
Con	اسا	Latitude eg. Min.	i		Longitude	1	Pate JD =		1	ne, Gi		Pry Bull	Wet Bulb	Bar. Wind Wind B # Borrow
F	546	<u> </u>		Deg.	Min.		Day Mo.			r. M				
	7 7 6	0 9 9 3	9P	100	4500	141416	70c	15 9	11	<u> 5 5</u>	8	<u> d. </u>	5-10.14	118-1034014- 53 5A06
СТ	D Туре	& SN SEABIRD	4		Monitor Che	ecks Jeck:	at :	Surface:				limes ata on .	JD/Time	Data Location Remarks Floppy Number
	Pres	s. SN			Pr	ess. <u>32</u>	4635	. 2	3246	9	at Si	urface .		Tape 2931-3500
	Tem	p. SN	- · 		Те	mp. <u>613</u>	3	-	706	4	at Bo Sta	ottom _ urt Up _		
<u> </u>		d. SN	<u>-</u>		Co	ond: 31	21	_	8671		at Si	urface _		
Pos.		Trip Ti Depth at depth	me			r Values		Samp	le Bott					
	 " -		CLID	Pre	ss. Temp.	Cond.	Other	Sal.	02	¹⁸ O	Nut.	Chi.		Comments
	-	46									514			
2		40				ē		(-)			515		SAO6.mrk	
3		35						V			516		mark num 47.	nber 1, system time is Mon Oct 07 15:58:31 1991 .98 4.0352 32.4554 25.7594 1464.27 1800
4		30											mark num	nber 2, system time is Mon Oct 07 15:59:10 1991 .66 4.0441 32.4557 25.7587 1464.19 2733
5		25		-		<u> </u>				76	517		- mark num	nber 3, system time is Mon Oct 07 15:59:35 1991
6				-			 				518			.17 4.0513 32.4551 25.7574 1464.12 3354 nber 4, system time is Mon Oct 07.15:59:58 1991
		30		_		til.		Ç-			519		30.	.24 4.1333 32.2293 25.5698 1464.10 3891
7		15							E.		520			nber 5, system time is Mon Oct 07 16:00:24 1991 .85
8		10								Ä	521	Н		nber 6, system time is Mon Oct-07 16:00:49 1991 .39 5.0310 32.1334 25.4001 1467.53 5109
9		5					1	1					mark num	mber 7, system time is Mon Oct 07 16:01:11 1991
10		Sw		 				V			502		mark num	.87 5.0900 30.7316 24.2836 1465.89 5643 nber 8, system time is Mon Oct 07 16:01:34 1991
11		7					_ ئـ	1	<u> </u>		523	1		.84 5.4337 29.7602 23.4783 1465.98 6177 hber 9, system time is Mon Oct 07 16:01:55 1991
													W.	.91 5.3230 29.2696 23.1022 1464.86 6693
12					N.									nber 10, system time is Mon 8ct 07 16:02:17 1991 .73 5.3216 29.2685 23.1015 1464.80 7206

			 -		21		····	 						-	 		
	h	ιp:	SU	JRVEYOR) 								CHC	DEX / I	CE	48	
	Cast (# C	Deg.	atitude Min.	t	s. <u>3</u>	ngitude Min.		ate JD = { ay Mo.			GMT Min.	Dry Bulb	Wet Bulb	Bar. Wind Wind Sp.	Cloud Meath, W Depth, m	Sta. Name or I.D.
	5	56	5 4	3.66	NIG	83	7.3	900	70c	19	116	47	ο.	5-110	0 18 - 10 3 20 1 6	53	3 A 0 7
	CTD	-		SEABIRD		- M		eck:			0W 77) (Data on _	JD/Time	Data Location Floppy Number	Remarks 1apo 35/3-	
		Tem	ip. SN			-	Те	ress. <u>324</u> mp. <u>616</u>	0		7077	Stan	Down _ Bottom _ tart Up _		·		•
\vdash			Trip					ond. 314	<u> </u>		700	. D	ata Off _			Bongo	
P	os.			Time at depth t		Press.	Temp.	r Values Cond.	Other	Samp Sal.	le Bottle	Numbers 0 Nut			Comments		
	1	10	50							/		524		SAO7.m mark r	number 1, system time	is Man Oct 07 16	5:47:06 199
	2		45	- 3				we T				525	-	mark r	51.45 3.8443 32.3701 included a special support	is Mon Oct 07 16	5:47:41 199
	3		40									524	,	mark r	+5.38 3.8531 32.3691 inumber 3, system time	is Mon Oct 07 18	5:48:08 199
	4 5		35									527	z	mark r	+0.37 3.9028 32.2939 : number 4, system time 35.12 4.4180 32.1517 :	is Mon Oct 07 18	5:48:37 199
	6		30								2 1	528	· _	mark r	number 5, system time 29.76 3.9982 31.6330	is Mon Oct 07 18	5:49:03 199
7	7		20		2							520		mark r	number 6, system time 24.23 4.1979 31.4094	is Mon Oct 07 18	5:49:26 199
8	в		15									530			number 7, system time 18.74 4.2551 31.3377	24.8496 1463.29	3 5781
5	, [10								17	<u>531</u>		345	number 8, system time 14.88 4.4095 31.2546	24.7683 1463.70	6303
10	0		5							V	3	<u> </u>			number 9, system time 9.92 5.3972 29.4814	23.2618 1465.49	9 6894
1	1		SFC									534			number 10, system time 5.68 5.4123 29.4718 number 11, system time	23,2526 1465.4	7 7491
-1:	2												- 4	1916213 FC 1	0.20 5.4887 29.4591	23.2343 1465.6	8061

												to.			
Sh	ip:	SUR	RVEYOR										СНО	EX / IC	CE 49
Con	. 1	Lati	itude Min.	Deg		gitude Min.		ate JD = 6 Day Mo.		- 1	me, Gî îr. M		Pry Bulb	Wet Bulb	
15	66	542	181	16	82	8.1	WO	70c	19	11	75	2	0.9	-0.4	118-1033612+ 54 5408
СТ		& \$N <u>SE</u>		<u> </u>	. Mo		eck:	at S				Ð	Times ata on	JD/Time	Data Location Remarks Floppy Number Tape 0016 - 0737
						Pr	ess. 32	463	3	<u> 3246</u>	29	Start	Down 🔔		- Tape 00.0
					-	Te	mp		•	716	4	Sta	irt Up		
	-	d. SN				Co	ond. 318	O		8694	_				
Pos.		Trip Depth at	Time depth tri	D I	Press.	Monito	r Values Cond.	Los	_		tle Nu				Comments
ı	. =	47	4		1633.	Temp.	Cona.	Other	Sal.	02	¹⁸ 0	Nut.			
2		40							-		-	535		SAOB.mrl mark nu	umber 1, system time is Mon Oct 07 17:50:04 199:
3		35		-	0.7527						_	136		mark num	.5/ 3.5/V3 32.4764 25.8363 1462.36 3282 Imber 2. system time is Mon Oct 07 17:52:34 1991
4		30										537	-	40	.02 3.5803 32.4934 25.8330 1462.28 4011 mber 3, system time is Mon Bct 07 17:53:14 1991
5		25										538		35.	.53 3.6236 32.4815 25.8194 1462.37 4983 mber 4, system time is Mon Oct 07 17:53:51 1991
6	-	20										539		30.	.65 3.8222 32.3790 25.7191 1463.00 5859 mber 5, system time is Mon Oct 07 17:54:18 1991
7		15		-				F				540		26.	.36 4,6994 31,9766 25,3114 1466.07 4519
8		-										541		_ 20,	mber 6, system time is Mon Oct 07 17:54:44 1991 .47 5.5877 30.9595 24.4092 1468.31 7137
9		5							/			542	1000	_ 15.	mber 7, system time is Mon Oct 07 17:55:12 1991 .96 5.6662 29.4284 23.1908 1466.62 7797
10		5/6				059					ii.	543		10.	mber 8, system time is Mon Oct 07 17:55:39 1991 .22 5.9705 28.9087 22.7467 1467.10 8445
		7/"										544		mark num 4.	mber 9, system time is Mon Oct 07 17:56:06 1991 .94 5.9789 28.9100 22.7468 1467.05
12												55		mark num	mber 10, system time is Mon Oct 07 17:56:29 199 -73
			and the second												

V 7.

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7	Shi	p:	SL	JRVEYOF	?									CH	DEX / I	ICE
	Cast #			atitude Min.	Deg		gitude Min.		Date JD = 7 Day Mo.	-		ne, GM r. M		ry Bul	Wet Bulb	Bar. Wind Wind Bottom Sta. Name or I.D.
-	5	76	54	1 8	N16	8)	9 4	W C	70C	79	1)	85	5	0	8-0-	118 00214 54 5109
	CTD	Туре	& SN	SEABIRD	<u></u>	Mo	onitor Che on D	cks eck:	at S	iurface:				Times ata on .	JD/Time	Data Location Remarks Floppy Number
)		Press	s. SN .		· · · · · · · · · · · · · · · · · · ·				464		3246		at Si	urface .	1855	1000 0726-1522
8						-			935		719		Sta	rt Up .	7855	
	os.	Bot.		Time		.	Co Monitor	ond. 34	188		866 le Bott		Dat	ta Off		
- -	05.	#	Depth	at depth		Press.	Temp.	r*	Other				Nut.	Chl.		Comments
	2	1	44							100.00						number 1, system time is Mon Oct 07 18:52:59 1991
	3	-	40					₩ ■		/			<u> </u>		mark n	9.65 3.7804 31.9874 25.4116 1462.63 2445 Aumber 2, system time is Mon Oct 07 18:53:32 1991 5.00 3.7808 31.9755 25.4021 1462.54 3243
	4		35										 		mark n	number 3, system time is Mon Oct 07 18:54:19 1991 19.45 3.8316 31.6737 25.1572 1462.27 4365
)	5		30									32			3	Number 4, system time is Mon Oct 07 18:54:45 1991 34.67 4.5026 31.1165 24.6496 1464.29 4995 Number 5, system time is Mon Oct 07 18:55:11 1991
233	,		25					×		30					e mark n	19.56 4.7188 30.9267 24.4770 1464.86 5619 number 6, system time is Mon Oct 07 18:55:52 1991
	В		15				29					igi			mark n	25.33 4.8704 30.7876 24.3491 1465.32 6609 humber 7, system time is Mon-Oct-07-18:56:32-1991
1	,		10					3)	Į.						mark n	umber 8, system time is Mon Oct 07 18:57:02-1991 4.53 5.1004 30.4700 24.0754 1465.61 8283
Ì	0		5												4.	number 9, system time is Mon Oct 07-18:57:30 1991 9.49 6.1492 28.5310 22.4287 1467.34 8943
'	-		SFV									4.6		_	mark n	umber 10, system time is Mon Oct 07 18:57:54 1991 4.90 6.1647 28.5262 22.4232 1467.32 9519 umber 11, system time is Mon Oct 07 18:58:21 1991 1.78 6.1690 28.5227 22.4199 1467.28 10173
	-		21									100			mark n	4.90 6.1647 28.5262 22.4232 1467.3

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ſ					*	<u>-</u>								<u> </u>		1,6
	Sh	ip:	Sl	JRVEYC)R									CHO	EX / 10	CE
	Conse			atitude Min.		Loi Deg.	ngitude Min.		Date JD = Day Mo.			me, GM r. M		Pry Buib	Wet Bulb	Bar. Wind Wind Sp. Op d Sta. Name or I.D.
-	5	86	54	0.9	₩ /	681	0 9	W	070C	79	1 1	94	5	0.8	-0 4	4/8 00214 29 SA/B
	СТО		_	SEABIRD	s	M		eck:		Surface:			Đ	ata on	JD/Time	Data Location Remarks TAPE Floppy Number 1530 - 1950
								ess. <u>37</u>			3246	1	Start i	Down ottom	1945	Called SATT on
						_		mp	933 633		706		Sta at Si	urface		Called SAIT on computer SAIOOct
ľ	Pos.		Trip	Tir			Monito	r Values			le Bot	tle Nu	nbers			
ŀ	1			at depth	trip	Press.	Temp.	Cond.	Other	Sal.	02	¹⁸ 0	Nut.	Chl.		Comments
	2	.52	24					ş.		/					1007	umber 1, system time is Mon Oct 07 19:43:01 1991
	3		.15	8											Mark nu	Jumber 2. system time is Mon Oct 07 19:43:29 1991 Jumber 2. system time is Mon Oct 07 19:43:29 1991 Jumber 3. 3446 30.4042 23.9972 1466.60 2847 Jumber 3. system time is Mon Oct 07 19:44:00 1991
	5	_=	10		=									-	4 /.	4.96 5.3622 30.3851 23.9802 1466.36 John Det 07 19:44:32 1991
	6		5 5fC	/								(4.)			_ mark nu	0.15 5.6354 29.8324 23.5133 1466.71 Amber 5, system time is Mon Oct 07 19:45:03 1991
	7		21					8							🗒 mark bu	3.03 5.4200 29.3440 23.1507 1465.33 5086 Amber 6, system time is Mon Oct 07 19:45:34 1991 1.83 5.3286 29.2380 23.0766 1464.77 5829
	8											30				
	9			2					X 3		10				Ea .	<i>□</i>
ĺ	10			·			9				18					
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