

The CIN-DAY NEWS

March - 1989

CIN-DAY
CINCINNATI CHAPTER MEETING
FEBRUARY 11, 1989

Today's meeting was opened at 12:10 P.M. by President Sam Moon with a Welcome to this month's meeting, a special Thanks to the Library for use of the facilities and a uniquely interesting DOM #43 program called "Hi-Rise" which randomly created high rise buildings continuously, with birds in the foreground. Following this, our group disclaimer was covered in detail.

Because of poor attendance, Sam raised the question "Is this a convenient location for our monthly meetings?". Response was mixed, with the thought of trying a new location sometime in the future. Sam then covered the election results of Officers and appointed positions that occurred at last month's meeting in Middletown resulting in the same Club Officials being elected with the exception of Dayton's Assistant Treasurer which was filled by Bill Steger. Also covered were the Super Raffle results with 1st place going to Sam Moon who intends to purchase a P-Gram card, 2nd place to Ken Carpenter whose \$50 prize is intended to go toward the purchase of two 1/2 height drives, 3rd place to Frank Larrick which is a 3 drawer diskette case handling a total of 300 disks, and 4th place to Dick Heil which was 25 blank diskettes.

Sam then mentioned that the Club's bank balance is looking good, Newsletter printing is a serious problem with Frank Larrick doing the printing of the February 1989 Newsletter now for this month. A question was then raised as to where the Club stands on obtaining MICROpendium on a discount basis? Our Club is actively involved in this now with results still pending. Additional topics covered were: A founders day swap meet Club meeting in Middletown on May 13, 1989, the Lima Group conference on May 20, 1989, a Newsletter Index is in the works using PR BASE, a computer fest at the Dayton Convention Center on 2/19/89 9:30 AM - 4:00 PM with \$6 admission, 2/25/89 & 2/26/89 Cincinnati Gardens ARRL meet & flea market with \$6 admission, and various articles from MICROpendium which were mentioned FYI.

Ken Carpenter then demonstrated DOM #43 "Graphics II" and Fairware #40 "Quest". Following this, Sam Moon then demonstrated a Light Pen in action and also a set of remote joysticks which we had no luck with even though fresh batteries were used in the joysticks.

Meeting ended at 3:10 P.M.

CONGRATULATIONS!

SUPER

Raffle

1ST: SAM MOON: P-GRAM CARD
 2ND: KEN CARPENTER: 50.00
 3RD: FRANK LARRICK: 3 DRAWER DISK CASE
 4TH: DICK HEIL: 25 DS-DD DISKS

CIN-DAY '89 USER

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90 ! From Topics - LA 99ers
    via TI Users of Perth
    July 1988 !132
100 CALL CLEAR !209
110 PRINT "Enter a sentence"
    !103
120 INPUT MSG# !157
130 INPUT "<F>orward or <B>a
ckwards?":DIR# !229
140 L=LEN(MSG#)!087
150 IF DIR#="F" OR DIR#="f"
THEN 230 !091
160 J=(28-L)/2+L !131
170 FOR I=L TO 1 STEP -1 !24
8
180 J=J-1 !014
190 X=ASC(SEG$(MSG#,I,1))!08
8
200 CALL HCHAR(12,J,X,1)!031
210 NEXT I !223
220 GOTO 280 !104
230 J=(28-L)-2 !116
240 FOR COL=1 TO L !031
250 X=ASC(SEG$(MSG#,COL,1))!
237
260 CALL HCHAR(12,J+COL,X,1)
!190
270 NEXT COL !116
280 PRINT !156
290 INPUT "Another (Y/N) ":Y
$ !209
300 IF Y#="Y" OR Y#="y" THEN
100 !243
310 END !139
    
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OFFICERS 1989

DAYTON:

CIN-DAY '89 USER

PRESIDENT: Rick Kellogg
 SECRETARY: Frank Larrick
 TREASURER: Bill Stager
 LIBRARIAN: Eric Bishop
 N.L.EDITOR: Eric Saunders

CINCINNATI:

PRESIDENT: Sam Moon
 SECRETARY: John Neess (Acting)
 TREASURER: Ken Carpenter
 LIBRARIAN: Carolyn Carpenter

ATTENTION!

We have a TI-99/4A friend in Israel who would like to correspond regularly with one or more TI'ers in the United States.

Anyone interested? Please write Beny Kitlaru at the address below. Let's help Beny stay in touch with the developments in the TI community. We don't want to lose a fellow TI'er just to a couple (thousand) miles.

Beny Kitlaru
 P.O. Box 565
 Dimona, 86104
 Israel

March 1989

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ASCII d hex	CHAR	+ BASIC BIAS	E/A PATTERN LOCATION	BASIC/XB PATTERN LOCATION	E/A COLOR LOCATION	BASIC COLOR LOCATION	X-BASIC COLOR LOCATION
88	>58	X	>B8 >OAC0	>05C0	>03B9	>0317	>0B17
89	>59	Y	>B9 >OAC8	>05C8			
90	>5A	Z	>BA >OADO	>05D0			
91	>5B	[>BB >OADB	>05D8			
92	>5C	\	>BC >OAE0	>05E0			
93	>5D]	>BD >OAE8	>05E8			
94	>5E		>BE >OAF0	>05F0			
95	>5F	_	>BF >OAF8	>05F8			
96	>60	`	>C0 >OB00	>0600	>03BA	>0318	>0B18
97	>61	a	>C1 >OB08	>0608			
98	>62	b	>C2 >OB10	>0610			
99	>63	c	>C3 >OB18	>0618			
100	>64	d	>C4 >OB20	>0620			
101	>65	e	>C5 >OB28	>0628			
102	>66	f	>C6 >OB30	>0630			
103	>67	g	>C7 >OB38	>0638			
104	>68	h	>C8 >OB40	>0640	>03BB	>0319	>0B19
105	>69	i	>C9 >OB48	>0648			
106	>6A	j	>CA >OB50	>0650			
107	>6B	k	>CB >OB58	>0658			
108	>6C	l	>CC >OB60	>0660			
109	>6D	m	>CD >OB68	>0668			
110	>6E	n	>CE >OB70	>0670			
111	>6F	o	>CF >OB78	>0678			
112	>70	p	>D0 >OB80	>0680	>03BC	>031A	>0B1A
113	>71	q	>D1 >OB88	>0688			
114	>72	r	>D2 >OB90	>0690			
115	>73	s	>D3 >OB98	>0698			
116	>74	t	>D4 >OBA0	>06A0			
117	>75	u	>D5 >OBA8	>06A8			
118	>76	v	>D6 >OBB0	>06B0			
119	>77	w	>D7 >OBB8	>06B8			
120	>78	x	>D8 >OBC0	>06C0	>03BD	>031B	>0B1B
121	>79	y	>D9 >OBC8	>06C8			
122	>7A	z	>DA >OBD0	>06D0			
123	>7B	{	>DB >OBD8	>06D8			
124	>7C		>DC >OBE0	>06E0			
125	>7D	}	>DD >OBE8	>06E8			
126	>7E	~	>DE >OBF0	>06F0			
127	>7F	F/V	>DF >OBF8	>06F8			
128	>80	C/,	>E0 >OC00	>0700	>03BE	>031C	>0B1C
129	>81	C/A	>E1 >OC08	>0708			
130	>82	C/B	>E2 >OC10	>0710			
131	>83	C/C	>E3 >OC18	>0718			
132	>84	C/D	>E4 >OC20	>0720			
133	>85	C/E	>E5 >OC28	>0728			
134	>86	C/F	>E6 >OC30	>0730			
135	>87	C/D	>E7 >OC38	>0738			

ASCII			+	E/A	BASIC/XB	E/A	BASIC	X-BASIC
d	hex	CHAR	BASIC	PATTERN	PATTERN	COLOR	COLOR	COLOR
			BIAS	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
136	>88	C/H	>E8	>0C40	>0740	>038F	>031D	>081D
137	>89	C/I	>E9	>0C48	>0748			
138	>8A	C/J	>EA	>0C50	>0750			
139	>8B	C/K	>EB	>0C58	>0758		---SET 14---	
140	>8C	C/L	>EC	>0C60	>0760			
141	>8D	C/M	>ED	>0C68	>0768			
142	>8E	C/N	>EE	>0C70	>0770			
143	>8F	C/O	>EF	>0C78	>0778	---	---	---
144	>90	C/P	>F0	>0C80		>0391	>031E	
145	>91	C/Q	>F1	>0C88				
146	>92	C/R	>F2	>0C90				
147	>93	C/S	>F3	>0C98			---SET 15---	
148	>94	C/T	>F4	>0CA0				
149	>95	C/U	>F5	>0CAB				
150	>96	C/V	>F6	>0CB0				
151	>97	C/W	>F7	>0CB8		---	---	---BASIC ONLY---
152	>98	C/X	>FB	>0CC0		>0392	>031F	
153	>99	C/Y	>F9	>0CC8				
154	>9A	C/Z	>FA	>0CD0				
155	>9B	C/.	>FB	>0CD8			---SET 16---	
156	>9C	C/,	>FC	>0CE0				
157	>9D	C/=	>FD	>0CE8				
158	>9E	C/B	>FE	>0CF0				
159	>9F	C/?	>FF	>0CF8		---	---	
160	>A0			>0D00		>0393		
161	>A1			>0D08				
162	>A2			>0D10				
163	>A3			>0D18				
164	>A4			>0D20				
165	>A5			>0D28				
166	>A6			>0D30				
167	>A7			>0D38		---		
168	>A8			>0D40		>0394		
169	>A9			>0D48				
170	>AA			>0D50				
171	>AB			>0D58				
172	>AC			>0D60				
173	>AD			>0D68				
174	>AE			>0D70				
175	>AF			>0D78		---		
176	>B0	C/O		>0D80		>0395		
177	>B1	C/1		>0D88				
178	>B2	C/2		>0D90				
179	>B3	C/3		>0D98				
180	>B4	C/4		>0DA0				
181	>B5	C/5		>0DAB				
182	>B6	C/6		>0DB0				
183	>B7	C/7		>0DB8		---		

CIN-DAY User Group Mailing List

User Groups (Alphabetical)

User Group	Street Address	City	St. (Country)	Zip Code
* Amigon HelpLine	118 Carl Street	San Francisco,	CA	94117
* Asgard Software	P.O. Box 10306	Rockville,	MD	20850
* Autemaster Computer Serv.	171 Mustang Street	Sulphur,	LA	70663-6724
* Competition Computer	1527 W. National Avenue	Milwaukee,	WI	53204
* Computer Shopper	P.O. Box F	Titusville,	FL	32781
* Disk Only Software	P.O. Box 244	Lorton,	VA	22079
* Great Lakes Software	804 E. Grand River	Howell,	MI	48843
* Hunter Electronics	44370 Pine Grove	Bensenville,	IL	60106
* Micropendium	P.O. Box #1343	Round Rock,	TX	78680
* Nuarc	P.O. Box 148	Basking Ridge,	NJ	07920-1014
* Nameloc Software	3971 S.E. Lincoln	Portland,	OR	97214
* Queen Anne Computer Group	14367 50th NE #104 N.E.	Seattle,	WA	98125
* Rave 99	112 Rambling Road	Vernon,	CT	06066
* Rave Data	Box #210 Mountain Street	Haliburton,	Ontario, Canada	K0M 1S0
* Telenets	51 Center Street	Patchogue,	NY	11772
* Tiger Cub Software	156 Collingwood Avenue	Columbus,	OH	43213
* Tomputer Software	1558 Montgomery Drive	Deerfield,	IL	60015
* User Group Listing (#032)	P.O. Box 3474	Daly City,	CA	94015-2474
AVI Users Group	P.O. Box #101	Lancaster,	CA	93539
Beaumont HI Computer Club	26 Duffield Avenue	Braintree, MA	South Australia	51209
Airport Area Computer Club	P.O. Box #710	Coronados,	PA	15109
Alpha 99/4A Users' Group	99-447 Aies Heights Drive	Aies,	HJ	95101
Amargillo 99/4A UG	P.O. Box 8421	Amargillo,	TX	79114-8421
Arizona Users Group	4326 E. Lapuente Avenue	Phoenix,	AZ	55344
Athens HI Computer Club	Route #2, Box #608	Etowah,	TN	37331
Atlanta 99/4 Users' Group	P.O. Box #19841	Atlanta,	GA	30325
Rapou 99 User's Group	P.O. Box #921	Lake Charles,	LA	70602
Bengalians	P.O. Box 505	Gisborne,	ISRAEL	68104
Bernalillo Users Group	P.O. Box 2571	Albuquerque,	NM	87125
Bluegrass Area User's Group	P.O. Box Wildcat	Lexington,	KY	40578-1866
Boise 99ers Computer Club	1846 Broadmoor Drive	Boise,	ID	83705-2702
Boston Computer Society	One Center Plaza	Boston,	MA	02108
Bradenton User Group	5815 13th Street E.	Bradenton,	FL	34203
Brandon HI User Group	2512 Laurelwood Lane	Vainico,	FL	33594
Brazos Valley 99ers	P.O. Box 7053	Waco,	TX	76714-7053
Brea 99ers Users Group	11500 Mulliken Avenue	Shattier,	CA	92604
Brevard Users Group	P.O. Box #372111	Satellite Beach,	FL	32907-2111
Brisbane User's Group	P.O. Box #57	Aspley	Queensland, Australia	4034
Broward 99 User's Group	6264 No. Andrews	Fort Lauderdale,	FL	33309
Canberra User's Group	P.O. Box #610	Belconnen,	ACT Australia	2616
Carnation City 99ers	25869 Hartley Road	Beloit,	OH	44609
Cedar Valley 99's Users	288 Windsor Drive N.E.	Cedar Rapids,	IA	52402
Central Garden State UG	61 Country Lane	Hamilton Square,	NJ	08690
Central Iowa 99/4a Users' Group	P.O. Box #3043	Des Moines,	IA	50314
Central Ohio Ninety-Niners	181 Haischman Avenue	Worthington,	OH	43085
Central PA 99/4A Users Group	P.O. Box #14126	Harrisburg,	PA	17104-8126
Central Texas Users Group	P.O. Box #200246	Austin,	TX	78720-0246
Central Westchester 99ers	1261 Williams Drive	Shrub Oak,	NY	10988
Charlotte 1199 Users Group	P.O. Box 743003	Dallas,	TX	75240
Charlotte HI 99 UG	P.O. Box 9353	Charlotte,	NC	28299-9353
Chattanooga User's Group	P.O. Box #136	Chattanooga,	TN	37343
Chester County HI UG	111 Lakeview Drive	Sixen,	PA	19141
Chicadd User's Group	P.O. Box #578341	Chicago,	IL	60657
Cin-Day user Group	416 Pinewood Avenue	Piqua,	OH	45356
Cleveland Area Users Groups	20311 Lake Road	Rocky River,	OH	44116
Club 99	14 Forrest Street, M/S 1-0	Attleboro,	MA	01903
Club Information Montreal-99	C.P. 686 Station "C"	Montreal,	Quebec, Canada	H2L 4L5
Colorado Users Group	P.O. Box 3400	Littleton,	CO	80161
Concus Christi Users' Group	534 Vaku	Corpus Christi,	TX	78404-2409
Countryside HI UG	10 Susan Dean Drive	Safety Harbor,	FL	33957
Crossroads 99's User Group	P.O. Box #293	York,	ME	68407
Dallas HI Home Computer Grp.	P.O. Box 29663	Dallas,	TX	75229
Deutons 99ers	P.O. Box #15232	Daytona Beach,	FL	32117
Decatur 99er User's Group	P.O. Box #726	Decatur,	IL	62525
Delaware Valley User's Group	P.O. Box #6240 Stanton Branch	Wilmington,	DE	19804
E.I. 99er Club	P.O. Box 2752	Costa Mesa,	CA	52613
East Aralia Region: EAF 99er	197905-166	PO Box 5921	APO New York	09179-5929
Edmonton User's Group	P.O. Box #1198X	Edmonton, Alberta	Canada	T5J 0E1
Eric 99er User Group	2812 West 3rd Street	Eric,	PA	16506
Eugene 99/4A Users Group	P.O. Box 11313	Eugene,	OR	97403
Forest Lane Users Group	P.O. Box 740005	Dallas,	TX	75240
Forsyth 99er UG	2725 Woodburn Drive	Burlington,	NC	27215-5230

Fort's User Group	5319 Twilight Lane	Fort Wayne	IN	46832
Fox Cities User's Group	P.O. Box #2553	Appleton,	WI	54913-2553
Fox Valley Users Club	34 W. 702 S. James Drive	St. Charles,	IL	60179
Front Range 99'er Club	P.O. Box #9572	Colorado Springs,	CO	80932
Grand Rapid Area 99ers	1419 Laudhin Drive NW	Grand Rapids,	MI	49504-2423
great Lakes Computer Group	P.O. Box 7151	Roseville,	MI	48305
Greater Akron User's group	P.O. Box #3201	Cuyahoga Falls,	OH	44223
Greater Tampa Bay II UG	4115 Okara Road	Tampa,	FL	33617
Hullford 99'er Users group	1202 Canterbury Drive	Greensboro,	NC	27409
Hooster User's group	P.O. Box #2222	Indianapolis,	IN	46206-2222
Hudson User's Group	10310 Hudson Road	Houston,	TX	77002
Hudson Valley 99'ers UG	451 Box 354-5	Kingston,	NY	12401
Hunter Valley 99'ers U. G.	6 Arcot Close	Tarro,		2322
Innovat. II 99'ers UG	96 Sasparu Road	Oxford,		042 57T
Jackson County 99ers	+31 Northern Avenue	Kansas City,	MO	64133-2219
Johnson Space Center U. G.	2321 Corbell Street	Leasque City,	TX	77573
K-Down 99'ers Users Group	3506 Garden Drive	Knobville,	TN	37918
Kid's Users group	P.O. Box 1945	Kankakee,	IL	60901
Knoxville 99'ers	P.O. Box 1940	Knoxville,	TN	37921
Kansas City Computer's Group	P.O. Box #12591	North Kansas City,	MO	64116
Kaw Valley II Computer U.G.	P.O. Box 6429	Lookea,	NS	66608
Kawartha 99'ers	P.O. Box 373	Peterborough,	Canada	491 523
Kentucky 99'ers Computer Soc.	P.O. Box 36246	Louisville,	NY	40233-5246
Kings 99'er UG	294 4. Birch Avenue	Sanford,	CA	93230
Kissap 99'ers User Group	812 South 132nd Street	Seattle,	WA	98160
L.A. 99'er Computer Group	P.O. Box 67A79	Los Angeles,	CA	90067
Lehigh Valley Users Group	P.O. Box #4917	Allentown,	PA	18103
Lima II-99'ers Users group	P.O. Box 647	Venedocia,	OH	45894
Lincoln 99'ers Computer Club	6617 Platte Avenue	Lincoln,	NE	68507
Long Island 99'er II U. G.	P.O. Box 544	Deer Park,	NY	11729
M.O.N.U.H.	P.O. Box 7193	Worcester,	MA	01605
Mark 99'ers	2886 Usage Drive	Springdale,	AR	72764-6923
MSP 99 User's group	P.O. Box #12351	Saint Paul,	MN	55112
Macon 99'ers Users Group	635 Villa Crest Avenue	Macon,	GA	31206
Marlboro 99'ers	487 West Graham Street	Madison,	WI	53703
Magnetic II Users Group	38 Middlesex Circle	Waltham,	MA	02154
Manasota 99'ers User Group	6625 Roxbury Drive	Sarasota,	FL	33581
Marietta User's Club	116 Seneca Drive	Marietta,	OH	45750
Martin County Users Group	1200 Starfish Lane	Stuart,	FL	33994
Melbourne User's group	42 Eighth Street	Parkdale,		3194
Metro-Jackson User's group	1907 Ventura Drive	Jackson,	MS	39204-4040
Miami County Area 99'ers U.G.	P.O. Box 1194	Peru,	IN	46970
Miami Users Group (MUG)	115 N.E. 151 Street	Miami,	FL	33142
Michiana 99'ers Users group	52236 Serer Drive	South Bend,	IN	46605
Mid Atlantic Ninety Miners	P.O. Box #267	Leesburg,	VA	22075
Mid-Illinois Comp. Res. org.	510 McKinley	Normal,	IL	61761
Mid-South 99'ers User's Group	P.O. Box #6522	Gerrantown,	TN	38138-0522
Mid-America 99'ers Users Group	8726 Marty Lane	Overland Park,	KS	66212
Midlands 99'ers	645 W. Five Notch Rd.	North Augusta,	SC	29841-9319
Milwaukee Area Users group	4122 N. Glenway	Wauwatosa,	WI	53222
Minnesota & Dakota Home U.G.	507 Reeves Drive	Grand Forks,	ND	58041
Missile Range 99'ers UG	2718 Tooley Avenue	Las Cruces,	NM	88005
Montreal 99'er	5290 West Broadway	Montreal		Quebec, Canada
Music City 99'ers User Group	P.O. Box 24886	Nashville,	TN	37202
N.W. Suburban 99'ers User group	1211 Freeman Road	Hoffman Estates	IL	60145
NET 99'er	P.O. Box #534	Hurst,	TX	75053
NOVA (fiers of Vancouver)	P.O. Box 508	Vancouver,	CA	98000
NUTMEG II-99'ers	10 Jollu Road	Ellerton,	CT	06029
New Hampshire User's Group	P.O. Box #5991	Manchester,	NH	03103-5991
New Jug North	P.O. Box #84	Dumont,	NJ	07628
Nine / Nine Users group	#109-2356 Gerrard Street East	Toronto, Ontario	Canada	M9E 2E2
Ninety-Niner Data Exchange	P.O. Box 7160	York,	PA	17404
Nittanu Users of Texas Instr	625 Wiltshire Drive	State College,	PA	16803
Nor-Cal II Users Group	P.O. Box 112	Occidental,	CA	95465
North Jersey II Users Group	16 Judith Ann Drive	Rinwood,	NJ	07456
North Bay 99'ers	159 Donald Drive	North Bay, Ontario	Canada	P1A 3H2
North Country 99'ers	P.O. Box 2500	Escondido,	CA	92025
North Eastern 99'ers	209 4th Street	Providence,	RI	02906
Northeast Iowa HOUg	139 Riding Tree	Waterloo,	IA	50703
Northern NJ 99'er UG	P.O. Box 338	Kenvil,	NJ	07847-0338
Northern Nevada 99'ers	25 Count Fleet Street	Reno,	NV	89502
Northwest Florida 99'er's	P.O. Box #3641	Pensacola,	FL	32516
Northwest Ohio 99'ers	612 Meadow Spring	Maumee,	OH	43537
Omaha II User's Group	3224 Lincoln Blvd.	Omaha,	NE	68131
Ottawa II 99'ers User Group	P.O. Box 2144 Station D	Ottawa, Ontario	Canada	K1P 5W3
Ozark 99'er Users Group	1342 E. Stanford	Springfield,	MO	65804
Paris 99'ers User group	221 Colleage Drive	Paris,	TX	75408
Pastor's Users group	Drawer 0	Hamstead,	TX	75445
Pekin User group	1904 American Street	Pekin,	IL	61554
Penn-Ohio Users group	71 Elm Street	Struthers,	OH	44471

Philadelphia Area 99ers	1270 Bullwinkle Drive	Lansdale,	PA	17600
Piedmont 99er Computer Group	P.O. Box #5421	Greenville,	SC	29606
Pioneer Valley 99/94 U.G.	111 Lakridge Street	Chicago,	MA	01020
Pittsburgh User's Group	P.O. Box #8843	Pittsburgh,	PA	15215
Pomona Valley User's Group	1833 E. Princeton Street	Ontario,	CA	91764
Portland Users of 99s	P.O. Box 15837	Portland,	OR	97210
Pueblo 99er Users Group	1606 Cliffdale	Pueblo,	CO	81006
Puget Sound 99ers	P.O. Box 6073	Lynnwood,	WA	98036
Quad City TI Computer Club	3000 Clearwater	Bettendorf,	IA	52722
Queensborough 99ers	Queensborough College	BaySide,	NY	11364-1497
Regina, Saskatchewan	1402 Garage Street	Regina, Saskatchewan	Canada	S4L 3L7
Roanoke Valley 99er U.G.	P.O. Box 12522	Roanoke,	VA	24025-1522
Rochester Users Group	34 California Drive	Rochester,	NY	14616
Rocky Mountain 99ers	12205 N Perry Space 122	Brookfield	CO	80520
Saskatoon/Saskatoon TI Comp. Club	P.O. Box 7925	Saskatoon, Saskatchewan	Canada	S7K 4R6
Sacramento Area 99/94UG Netw	8041 Red Pine Court	Citrus Heights,	CA	95610-4626
Salt Lake & Valley 99er UG	3318 W. 3500 S.	West Jordan,	UT	84084
San Antonio Area 99ers	P.O. Box 2509	Universal City,	TX	78148
San Diego TI-99 User Group	P.O. Box #5263	San Diego,	CA	92105
San Fernando Valley 99er/SPV	2823 Sanborn Avenue	La Crescenta,	CA	91214
San Francisco 99ers	4077 Lincoln Avenue	Oakland,	CA	94602-2429
Sheboygan Area Users Group	P.O. Box 1151	Sheboygan,	WI	53082-1151
Shoals 99ers	P.O. Box 2928	Muscle Shoals,	AL	35662
Siouxland 99ers	4804 Bluestem Circle	Sioux Falls,	SD	57106
Sooner 99ers	10700 Sauberry Drive	Oklahoma City,	OK	73132
South Bay UG	P.O. Box 23447	San Jose,	CA	95153-3447
South, Mobile, and Alabama UG	Route 1, Box 23	Brewton,	AL	36426
Southern Users Group	P.O. Box 23447	San Jose,	CA	95153-3447
Southern California User's	P.O. Box #21181	El Cajon,	CA	92021
Southern Nevada User's Group	P.O. Box #25301	Las Vegas,	NV	89126-8301
Southwest NinetyNiners	P.O. Box #17851	Tucson,	AZ	85731
Southern Sun 99ers	East 3211 Congress	Spokane,	WA	99223
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Sudbury 99ers	Site 1 Box 7	Whitefish,	ONT Canada	P0M 3E0
Sun Coast 99ers	6941 Westridge Drive	Leona,	FL	33415
Susquehanna Valley Comp. Gr.	P.O. Box 90	Hummels Wharf,	PA	17831
Syracuse TI User Group	144 Hillside Way	Centilus,	NY	13031
TI User Group of Hill County	P.O. Box #216R	Homeville,	IL	62441
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TI-99 Users of PERIK (HOLL)	P.O. Box 8003	Perth, Spinning Street	Western Australia, Australia	6001
TI/EA TI User Group	56 Fox Place	Hicksville,	NY	11801
Wisconsin 99er's User Group	P.O. Box #42383	Wacoma,	WA	98442
Wisconsin 99ers	P.O. Box 514	Westbrook,	ME	04090
The New 99er Users Group	216 10th Avenue	New Westminster,	British Columbia, Canada	V3L 2R2
The Windy City 99 Club	1949 Webster Lane	Rosemont,	IL	60018-1423
TI Riverside Users Group	2372 Eismore Road	Riverside,	CA	92506
TI/99 Users Group	812 South 162nd Street	Seattle,	WA	98188
Tidewater 99/94 Users Group	51 Gainesborough Place	Newport News,	VA	23682-2029
Tri Valley 99ers	526 Glen Way	Fillmore,	CA	93015
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Tri-Tiers	RD #1	Rock Stream,	NY	14878
UK TI User's Group (I*MB)	3 Woodfall Lane, Little Neston	Mirral	Cheshire, England	L34 4RT
Upper Pinellas 99er Group	2829 Meadow Hill Drive N.	Clearwater	FL	34621
Upstate NY 99/4 User Group	P.O. Box 13522	Albany,	NY	12212
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Valley of the Moon Home Comp	P.O. Box 11624	Santa Rosa,	CA	95406-1624
WA 99ers Users Group	2828 Rebecca Drive	Champaign,	IL	61821
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West Penn Users Group	R.D. #1 Box #73A	Jeannette,	PA	15644
Western New York 99er U. G.	2753 Main Street	Newfane	NY	14108
Western Washington Comp. Club	10886 Kuhlman RD SE	Olympia,	WA	98503
Winnipeg 99/4 Users' Group	1105 Church Avenue	Winnipeg, Manitoba	Canada	R2X 1G1

Editor's Note: Again this year we are printing our newsletter mailing list as a service to other TI-99 users and user groups. We strongly encourage everyone to use this list to begin or re-establish communications with each other. Please help us to keep this database current by sending any address corrections the club at: 416 Pinewood Avenue Piqua, OH 45356 (the address at the top of the backpage of this newsletter). Your cooperation will ensure the continued success of the TI-99.

GETTING THE MOST FROM YOUR CASSETTE SYSTEM: by Mickey Schmitt
NUMBER 10
UNDERSTANDING CASSETTE ERROR CODES AND MESSAGES - PART II

Understanding cassette error codes and messages is not quite as difficult as it may seem. Unfortunately, trying to find a list of the error codes and messages that deal specifically with the cassette recorder has been a difficult task! In doing my research for this particular article, I have had to combine many different sources of information - In order to be as informative and as complete as possible.

Basically, cassette error codes and messages can occur during one of two different types of commands. More specifically, I am referring to the "LOADING" (OLD CS1) procedure and the "SAVING" (SAVE CS1) procedure.

This month I will be examining the error codes and messages that can occur during the "SAVING" (SAVE CS1) procedure.

When the cassette recorder finishes saving your program - The computer will tell you whether or not the program was recorded successfully. If the program was recorded successfully, you would see the following message appear on your monitor or tv screen - After you completed the necessary steps in the "CHECKING" procedure:

```
* DATA OK
* PRESS CASSETTE STOP      CS1
  THEN PRESS ENTER
```

If, however, the cassette recorder did not successfully record your program onto the cassette tape, an error occurs and the computer prints one of the following messages:

```
* ERROR - NO DATA FOUND          * ERROR IN DATA DETECTED
  PRESS R TO RECORD              CS1   PRESS R TO RECORD          CS1
  PRESS C TO CHECK                PRESS C TO CHECK
  PRESS E TO EXIT                 PRESS E TO EXIT
```

When this occurs - You have a choice of using one of the following three options: Note, however, that the single-letter responses (R - C - E) that you type in at this time must be in upper-case characters!

1. Press R to repeat the recording procedure. However, before repeating this procedure, check to make sure that you have put the cassette tape in correctly - And that there is enough blank tape left on the cassette tape in which to record the program on. Then follow the directions as they appear on your monitor or tv screen.
2. Press C to check the data you have read into memory. At this point you may wish to adjust your cassette recorder's volume control and tone setting. Then follow the directions as they appear on your monitor or tv screen.
3. Press E to exit from the saving procedure. At this time another error message is displayed, indicating that the cassette recorder did not properly save your program onto the cassette tape.

```
* WARNING:
  CHECK PROGRAM IN MEMORY
* I/O ERROR 66
```

If I/O ERROR 66 appears, something definitely went wrong, but DON'T PANIC! Generally speaking, when the error message "ERROR - NO DATA FOUND" occurs - The computer did not recognize the cassette recorder at all during the "SAVE CS1" routine. On the other hand - When the error message "ERROR IN DATA DETECTED" occurs - The computer recognized only part of the data that the cassette recorder was sending to the computer. When this happens, recheck your cassette recorder's volume control and tone setting. Then recheck your cassette cable. Make sure that both ends of the cable are attached to the computer and to the cassette recorder. While you are at it - Make sure that the color-coded wires leading to the cassette recorder are connected correctly. The cassette recorder will not operate properly if the color-coded wires are reversed!

Next month I will continue with the topic of understanding cassette error codes and messages. More specifically I will be giving you a general list of areas that should be checked when cassette error codes and messages appear.



FYI

(Reprinted from HARDCOPY - The Newsletter of the Sheboygan Area 99ers September 1987)

I recently downloaded the following item from People/Link. It is about some of the packet switching service, Telenet. I think any of you who use Telenet will find this very interesting.

.....

The following is excerpted from the Telenet (US Sprint) pamphlet number SE7SM0786, titled "How to Use Telenet's Asynchronous Dial Service". Further information can be obtained by calling 1-800-835-3638 (TEL-ENET). In all of the following, the characters "<CR>" are used to signify you the user typing the carriage return, or "enter" key.

How to Sign-On

Set your modem for 8 data bits, NO parity bits, and 1 stop bit, or for 7 data bits, an EVEN parity bit, and 1 stop bit. Dial the appropriate access telephone number of your Telenet center, then:
The Network Shows

	You Type	Explanation
	<CR><CR> @<CR>	for 300 or 1200 baud, or ... for 2400 baud. Note that you can also enter ...
	<CR>:<CR> @:<CR>	for 300 or 1200 baud, or ... for 2400 baud. When typing the two <CR>-s, do so slowly, with almost a half-second pause between them.
TELENET xxx xxx TERMINAL=	A2 A5 A3	Telenet network herald and the number (xxx xxx) of the Telenet station into which you have dialed. Prompt for a terminal identifier for the terminal you are now using. For a uni-directional printer, or or
	B3 D1 <CR>	for printing terminals loosing data on the left side of the paper, or for a bi-directional printer, or for a CRT or PC. If you just type then the system will default to A2. Note that there are several other types of terminals not listed here.
	xxx,yyy<CR>	You may optionally enter your area code (xxx) and exchange number (yyy).
	C aaaaaa<CR> C aaaaaa,bbbb<CR>	Connect command, either: where "aaaaa" is the dest. code, or where "bbbb" is a user i.d. number.
PASSWORD= xxx xxx CONNECTED	bbbb<CR>	Note well the very important space between the "C" and the "aaaaa" ! The system needs your password, where "bbbb" is your password. You are now connected to your destination, at "xxx xxx".
	<CR><CR>	A signon example: Once you have dialed in to the local TELENET access number, enter... slowly and see...
TELENET 448 325 TERMINAL=	D1<CR> C 31263<CR>	You are a CRT or PC. To Connect to PLINK. Note the space between the "C" and the "31263".
312 63 CONNECTED		And then you get the PLINK prompt.

CONTINUED ON NEXT PAGE

How to Disconnect

What the Network Shows	You Type	Explanation
	HANGUP<CR>	After you have logged OFF of PLINK. You can either just hang up, or be nice to TELENET and type... and TELENET will disconnect.

Telenet Commands

Whenever you have gotten to the Telenet "G" prompt, you can type in any one of the following commands.

Command name	You Type	Explanation
Connect	C xxxxx<CR>	xxxxx is the destination.
Status	STAT<CR>	Displays your network port status.
Full duplex	FULL<CR>	Network provides you with an echo. (Not needed with PLINK: PLINK is set up to provide you with an echo from its end.)
Half duplex	HALF<CR>	Either you provide your own echo at your terminal, or the host (PLINK) sends an echo back to you.
Mail access	MAIL<CR>	Requests connection to Telemail, or .. which is a US Sprint service provided for money.
Telemail access	TELEMAIL<CR>	Sets local port parameters, where "m" and "n" are the parameter numbers and "x" and "y" the values to which they are to be set. Example: SET 2:0,3:2<CR> The meaning of parameter numbers or their values is not yet available. Watch this space.
Set parameters	SET m:x,n:y<CR>	
	SET 2:0,3:2<CR>	
Set and Read Parameters	SET? m:x,n:y<CR>	Sets and then displays the selected local port parameters.
Read parameters	PAR?	Displays all parameters, numbers 1-16
	PAR? m,n	Displays only parameters number "m" and "n".
Escape	<CR>G<CR>	Temporarily disconnect from the host and enter network commands. Note this has nothing to do with the key on your terminal labeled "ESC". Return to host after an ESCAPE command.
Continue	CONT<CR>	
File transfer	DTAPE<CR>	Prepares the network for bulk file transfers (upload/download). PLINK does this (or should do it) for you.
Disconnect	BYE<CR>	Disconnects your call from PLINK.
Hangup	D<CR>	Alternate form of disconnect.
Terminal setting	HANGUP<CR>	Causes the network to hang up on you
	TERM xx<CR>	Sets the terminal type BEFORE the host (PLINK) is connected. Replace "xx" with A2, A5, A9, B3, or D1, as described above.
Local connection Test	TEST CHAR<CR>	will send you characters locally. If you see garbled characters or breaks in the pattern, contact 1-800-TELENET
	TEST ECHO<CR>	Type in a single line of characters and compare them with what the network sends back. If they aren't right and if your parity setting and your databit setting are both right (see above), contact TELENET.
	TEST TRIANGLE<CR>	The network will send a triangle pattern to your terminal. If it is not symmetric, either try changing your terminal setting. (A2, A5, A9, B3, D1) or call TELENET.

Reporting problems:

Call the TELENET customer service number: 1-800-336-0437, or 1-703-689-6400. Be prepared to give the operator the following information: Your name and your telephone number, the access-code with which you (attempted to) connect to the host (PLINK), the network address shown in the Telenet herald when you first signed on (this is also echoed by the STATUS command), and a brief and correct description of the problem you are having.

Teach Yourself BASIC No. 2

The Mysterious K

COMPUTERS USE a very simple code, called **binary**, to represent information. Binary is very simple; it uses only two symbols, 0 and 1. The symbols, 0 and 1, are called **binary digits**, or **bits**.

In a typical personal computer, information is stored in the **memory** of the computer. The memory consists of many thousands of bits organized as bunches of bits in **memory locations**.

One memory location can hold eight bits of information. A bunch of eight bits is called a **byte**. So . . . one memory location can hold eight bits, or one byte. The memory of a typical personal computer has many thousands of memory locations.

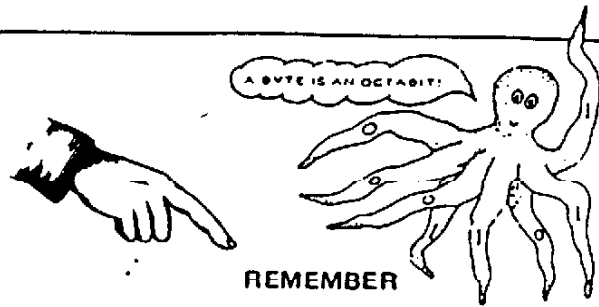
- One memory location can store eight bits.
- A group of eight bits is called a byte.
- So, a memory location can store one byte.
- A computer memory has many thousands of locations. So the memory can store many thousands of bytes.

Perhaps you have heard about the mysterious K. People say a computer has 128K or 256K or 512K—or more—bytes of memory.

- 1K bytes equals 2^{10} bytes equals 1024 bytes.

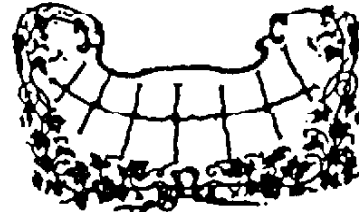
Use the computer to change 1K bytes or 256K bytes or 512K bytes to ordinary numbers.

- You type `PRINT 2^10`
It prints `1024`
- You type `PRINT 256 * 2^10`
It prints `262144`
- You type `PRINT 512 * 2^10`
It prints `524288`



REMEMBER

1K bytes = 2^{10} bytes = 1024 bytes



Perhaps you have heard the ancient story about the wise person who did a great service for a king. The king asked her what reward would be appropriate. Her request was simple. She asked only for grains of wheat, computed as follows:

On the first square of a chessboard, one grain of wheat. On the second square, two grains of wheat. On the third square, four grains of wheat. And so on, doubling at each new square.

On square number n , there are to be 2^{n-1} grains. Let's find out how many grains on square 16:

- You type `PRINT 2^15`
It prints `32768`

Inexorably, the grains pile up. How many on square 64?

- You type `PRINT 2^63`
It prints `9.223372E+18`

Yup, that's a lot of wheat, more wheat than existed in all the kingdoms everywhere. The king realized that he had been duped.

- The king was:
- a) chagrined
 - b) overjoyed
 - c) amused
 - d) befuddled
 - e) angry
 - f) livid
 - g) _____ Your choice.

Please pick one of the above and write the end of the story.

The "CIN-DAY NEWS" is published through the efforts of the:



CIN-DAY USER GROUP
416 PINWOOD AVENUE
PICOLA, OHIO 45356



NOTE: All remittances are to be made payable to the "CIN-DAY USER GROUP" and are to be mailed to the above address.

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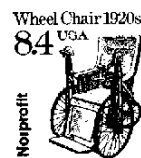
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THIS MONTH'S DAYTON MEETING: March 11th, 1989 at 12:15 PM
Coin Room, 5th floor, Downtown Lazarus.
NEXT MONTH'S DAYTON MEETING: April 15th, 1989 at 12:15 PM
Coin Room, 5th floor, Downtown Lazarus.

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75229

THIS MONTH'S CINCINNATI MEETING: March 11th, 1989 at 12:00 Noon
Campbell County Library, Kentucky.
NEXT MONTH'S CINCINNATI MEETING: April 15th, 1989 at 12:00 Noon
Campbell County Library, Kentucky.

