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||
|| Now That I Have A MoDem, Where Can I Call? ||
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	Vol. 1, No. 1      Editor: Rod Bias      August 1988	
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|| NORMA baud. At 2400 baud the other ||
|| system may require you to hit the ||
|| My sister, Norma, borrowed my space bar twice. If that doesn't ||
|| old (1978) Apple ][ to "learn get you on, call me." ||
|| something about computers." It "What a thoughtful brother!" ||
|| has a 300 baud internal Hayes "Thanks." ||
|| Micromodem //e. (They cost $295 ||
|| back then.) So she was ready to ----<<##>>---- ||
|| go "on-line" with the world. ||
|| "Now that I have a modem, where GOTO ||
|| can I call?" ||
|| "Anywhere a computer is connec- How to Read PHX#_LST.AUG ||
|| ted to a phone line by a modem." ||
|| "The Kremlin?" Page 8 ||
|| "Sure--if they have a computer ||
|| connected to a phone line by a ----<<##>>---- ||
|| modem . . . but that could become ||
|| expensive. The phone company INSIDE THIS ISSUE . . . ||
|| charges by the minute or any part ||
|| thereof. Why not start small? * NORMA . . . . . 1 ||
|| Just begin calling local numbers ||
|| until you get a feel for it." * How to Read PHX#_LST.AUG . 1 ||
|| "Where do I call?" ||
|| "I'll put together a list of * 200 places to call with ||
|| numbers; but, will you know which your computer (by #) . . . 2 ||
|| are local, which are free zone ||
|| calls, and which are toll zone * Everything you always ||
|| calls?" wanted to know about ||
|| "Yep, because it's explained on INTER-ZONE calling . . . 6 ||
|| pages 6 & 7 of the phone book and ||
|| on pages 6 & 7 of your list." * List Compilers . . . . . 8 ||
|| "After the computers 'connect,' ||
|| do you know what to do? Most * NEXT ISSUE . . . . . 8 ||
|| 'host' computers give directions, ||
|| if not, you usually have to send a * 200 places to call with ||
|| couple of <C/R> at 300 or 1200 your computer (by name) . . 9 ||
||
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===== Z-Number- =====
System ----- Baud --- SysOp --- Hard- -Soft- -Notes-
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A 220-9922 PDL	1200		
A 224-9711 Janitor's Closet	1200	Mike & Sandi	C-64
A 230-1463 Ragarm!	(Temp down) 1200		C-128

A 235-9248 Dark Side, The 2400 Bob Lucas IBM-AT QBBS %A  
 A 235-9653 St. Joseph's Hospital 2400 Dodell David IBM OPUS  
 A 242-2462 Bible Foundation 2400  
 A 242-3158 Bob's Answering Machine 2400 Donaldson Bob IBM-XT OPUS !  
 A 242-3233 G and G (Geneology) 2400 Spain William IBM-CL  
 A 242-4259 P.A.U.G.S. 1200 Atari  
 A 242-5415 CompuSports 1200 Anderson Erik WBBS  
  
 A 242-6734 Database 2000 2400 McGinnis C-64 B  
 A 242-8083 Land of Os, The 1200 Osborn Lonne WWIV !A  
 A 242-8490 RealtyBiz 2400  
 A 244-8096 MasterCom 2400 Albany Steve IBM PCB  
 A 245-0504 Unknown BBS (TUBBS) 1200 Apple2  
 A 246-1432 Apollo 7.2 2400 Kolostow Clif Sanyo Apollo \$&B  
 A 246-2131 157 Riverside Avenue 1200 Schuler Curti CS-BBS  
 A 246-8745 Floydian Slips 2400 Atari  
 A 247-2880 Lost Dutchman's Gold Min 2400 Gronek Jim Kaypro PICS \$  
 A 247-5470 Archer-80 1200 Clanton Fred T-1000  
  
 A 247-7016 ACCESS (Micro-80) 2400 Wilkins Rob't Tandy  
 A 254-0244 PC Pursuit 1200  
 A 254-5811 Protocol 300  
 A 254-9031 CENTRALINK 9600 Gillies Jonat IBM-XT OPUS !A  
 A 256-0080 Rio Salado Community Col 2400 Snyder Bill IBM-XT A  
 A 256-1609 Maricopa County Sheriff 1200 Brockschmidt IBM RBBS-P  
 A 256-2951 CompuServe #1 2400 \$  
 A 257-0596 Software/Wetware Interfa 2400 Hirt Ed KBBS  
 A 258-0434 Lost Disk, The 2400 Allison Darre  
 A 258-8347 Construction Net #1 2400 Carson Marv IBM-AT OPUS !A  
  
 A 261-4835 D.E.A. (Drug) 2400 Howard Gil IBM-XT  
 A 264-0750 Corner, The 2400 Malone Ted TBBS A  
 A 264-2328 Migrant, The 2400 Malone Mike  
 A 264-3800 Arizona Apple Tree 2400 Cline Jerry Apple2 GBBS \$  
 A 264-3969 Tool Shop, The (node 2) 2400 Smith Samuel IBM-CL PCB  
 A 265-8268 AmiHOTLINE 2400 Amiga BBS-PC  
 A 266-2113 APECS #1 1200  
 A 266-4043 KroyKolor Support 1200 Bailey Randy Mac Red-Ry  
 A 266-5146 Raiders of / Lost \*.ARC 2400 Whisler Ron  
 A 269-1209 Battlestar Ga(Temp down) 2400  
  
 A 271-2458 Carl Hayden H.S. 2400  
 A 271-4496 Olestra (Mortville Castl 1200 Tuchman Brian  
 A 272-7657 XANADU 1200 Genes Leroy Atari  
 A 272-9769 Shodan's Dojo 1200  
 A 274-0840 Country Side (KNIX) 1200 Fike Bob & Ka IBM-CL OPUS  
 A 274-3523 Kurtis's Place 1200  
 A 274-8917 Hacker's Guild 2400 WWIV !A  
 A 275-5270 IBM-PC Privat(Temp down) 2400 Albany Steve IBM-AT OPUS !A  
 A 275-5558 IBM-PC Public 2400 Albany Steve IBM-AT OPUS !A  
 A 275-6644 Call-A-Lawyer 1200 Tvedt Joe IBM-CL RBBS14 %

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Z -Number- -----  
 System ----- Baud --- SysOp --- -Hard- -Soft- -Notes-

A 275-7337 GEnie 1200 ABACUS \$  
 A 275-7513 CSE 1200 Turner Ted C-128 EBBS B  
 A 276-6102 Jefferson Software 1200 Frederick Gar C-64 DB  
 A 277-2372 Khan Kahlili 9600 Shepherd Scot IBM PCB  
 A 277-3642 (Generic / Switchbaud) 1200 Schrody Mike VIC-20  
 A 279-2673 Tool Shop, The 2400 Smith Samuel IBM-CL PCB  
 A 285-0361 Red Ryder 2400 Tvedt Joe Mac Red-Ry  
 A 381-0608 Hacker's Den 2400 Heart Dave C-64 \$  
 A 381-1278 First Board 9600 Rose Eric A. PCB12 !A

A 433-0159 Cottontail Ranch 2400 Apple2  
 A 437-0704 Invasion of Privacy 1200  
 A 437-1301 Flying Circus (node 2) 9600 Woodward Andy  
 A 437-4335 Vast 99 1200 Jim TI-99 E  
 A 437-4671 DCS Exchange (Temp down) 2400 Gardner David PCB12  
 A 451-0309 Tower of Zot West 2400  
 A 484-9356 Pascalholics Anonymous 2400 Conrad Wayne IBM-AT WBBS  
 A 495-0000 Sho-tron #1 2400 \$M8  
 A 495-1713 AMUG (AZ Mac Users' G) 2400 Mac Red-Ry  
 A 495-1797 Neighborhood Net #1 2400 Volckmann  
 A 495-5472 Public Agenda Access 2400 IBM

A 957-0631 Inn on the Park 2400 Jusko Jim IBM-XT PCB12 !A  
 A 957-8468 Labyrinth 1200 Watson Shane C-64  
 E 584-7395 Sunwise 2400 Slater  
 F 439-0995 Abyss 1200 Riccelli Chri Atari KBBS  
 F 582-3643 JCS 2400 Williamson IBM-AT Wildca  
 F 582-5174 AmyAdvisor 2400 Bill Amiga BBS-PC  
 G 569-0350 Trading Post 2400 Colburn Bill  
 H 439-3739 Phoenix Connection 2400 Baker  
 H 486-1833 Fighter Country III 2400 C-64 C-Net  
 H 486-1971 Data West 2400 C-128

H 486-8750 Golden Citadel 2400 "Lightning Ji C-128  
 H 841-0509 Daemon's Den 1200 Dickson Paul Amiga PC-ROS A  
 H 842-4635 Exterminator 2400 Parvin  
 H 843-1560 After Hours 2400 Lou Bruce  
 H 843-6574 AmAz Users' Group 2400 Krawczyk Stan Amiga BBS-PC  
 H 843-6782 Black Castle 4.0 2400 IBM-CL  
 H 843-8201 Paisley 2400 IBM WBBS  
 H 843-8261 Bloom County 2400 Jones Oliver Atari BC-BBS 3  
 H 843-8486 Amyholics 2400 Jerry Amiga BBS-PC  
 H 846-2002 Fox Communications 2400 Coco

H 846-2184 Dove, The 2400 B  
 H 846-2704 Monitor 2400 C-64  
 H 846-2965 Park & Swap 2400 Morehouse Ken  
 H 848-9902 Exchange, The 2400  
 H 931-4244 Silicon Desert 2400 C-64  
 H 934-2080 Tigerteam 2400  
 H 934-4999 Broadcasters' 2400 IBM-CL OPUS  
 H 938-5496 Phoenix Connection 2400 Baker  
 H 938-5497 Phoenix Connection 2400 Baker  
 H 938-7252 Ark, The 1200 Savage Paul C-64 Softro B

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System ----- Baud --- SysOp --- -Hard- -Soft- -Notes- Z -Number- -----

H 939-2196 Dragmouth's Castle 2400  
 H 939-5999 Abolon's Castle II 300 Duplanty PC-jr MBBS  
 H 978-3737 Computer Farm 2400 TRS-80 TBBS  
 H 978-4336 Bunny Rabbit 1200 Rale Kanter Epson SUBBS DB  
 H 978-9657 Ken's First Base 2400 Riggs Ken Atari  
 H 978-9657 ST Base Express 2400  
 H 979-2858 Route 66 2400 Lewis Jim Apple2 GBBS !  
 H 979-5529 Phoenix Net 2400  
 H 979-6352 XT-ra #1 1200 Kennedy Joe OPUS  
 I 371-1518 Realistic 2400 Falconer T1000 Widlca

I 375-9586 Restaurant / End / Univ 2400  
 I 482-7089 High Pressure 2400 Pearce C-128  
 I 482-7480 Phoenix Philes 1200 Acock Scott B  
 I 788-0838 Alternate Choice 2400 Miller Keith QBBS

I 861-3616 DM's Realm 2400 WWIV !A  
 I 861-4090 System X 1200 Sharpe Ed E  
 I 863-1435 AKUG (AZ Kaypro Users' G 2400 Maher Pat Kaypro PICS15 !  
 I 863-5088 IASD Engineering 2400  
 I 864-6819 Pyroto Mountain 2400  
 I 866-2266 Aviator 1200 Swenson Geral Mac-SE Red-Ry %!A

I 866-8324 Bits & Bytes 2400 West  
 I 867-7258 Lasergems 2400 McLarty Gerry  
 I 942-2111 ESP Headquarters 2400 "Mr. Peace" EMLX  
 I 942-4666 AZ Underground 1200 Ivory 3  
 I 943-0206 Runner1 2400 Ray L-Edge WWIV !A  
 I 943-3826 Program Exchange 2400 "Toyman" WWIV !A  
 I 943-9425 CompuServe #2 1200 \$  
 I 971-2240 Crossroads 1200 !M7  
 I 971-2454 Rat's Nest 9600 PCB12 !3  
 I 971-7823 Crystal Caves 2400

I 992-5636 Wall, The 1200 Hanover Fist WBBS  
 I 995-3321 Nighthawk 2400 Irving Steve IBM-XT Wildca !  
 J 840-4752 Nat'l Congress for Men 1200 Hirschfeld Bo L-Edge Wildca !  
 J 941-3747 EyeNet 2400 Bores OPUS  
 J 941-8367 Vault, The 2400 Potasch Adam C-128 E  
 J 945-0869 Genoa City 2400 Clarke Duke Rainbo A  
 J 945-3493 Cactus Computer BBS 1200 Hellens Nick C-64 PBBS  
 J 946-4234 CarolCom's StarShip 1200 Graham Carol TRS-80 Trader DB  
 J 947-0587 Agent 2400 Heflich Alan IBM  
 J 947-1124 Arizona Educational 1200 Doyon Andre' Apple2 GBBS

J 951-0085 Green Door, The 2400 IBM A  
 J 951-4214 Tiger's Den 2400 Gillett John Mac Red-Ry  
 J 953-0748 Computer Classifieds 2400 Ressor Roger IBM-AT OPUS  
 J 953-1893 2001 2400 "Cyborg Warri WWIV A  
 J 990-1260 Computer Times 1200  
 J 991-1613 Wierd World! 1200  
 J 991-3669 Special Needs 2400 Powell Barry Apple2 GBBS  
 J 996-0033 Huff & Puff 2400 Hufford Miles C-64  
 J 996-2283 Online Hotline News Serv 1200  
 J 996-2573 III 1200 Apple2 ACCESS \$!

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System ----- Baud --- SysOp --- -Hard- -Soft- -Notes- Z -Number- -----

J 996-3464 Black Knight's Citadel 1200 WBBS  
 J 996-8739 Z-Paradise 2400 Brimhall Well IBM-CL  
 J 996-8828 Coco Bug 1200 Dick Coco E  
 J 998-7886 Nightmare 2400 Willie C-64 C-Net  
 K 837-0062 Other Side, The 2400 Speiser Jim T-1000 TBBS  
 L 849-4931 Cornerstone 2400 Scotten Don B  
 L 873-0810 Radioactive West 2400  
 L 935-6233 Irving 2400 Learn Glenn D PC-jr !A  
 L 935-6519 Cranston Manor 2400 Winchester Br IBM-XT OPUS  
 L 936-3892 Adam-Link 300 Rusty Adam A-Net E

M 438-8489 News Room, The 2400 Ramsey Richar IBM-CL Wildca A  
 M 784-0412 Lightning Turbo System 2400 Martin Bill %  
 M 820-0489 Wizzkid 2400 Apple2 PBBS  
 M 820-6598 Flying Circus, The 2400 Woodward Andy  
 M 827-0280 Genesis II 2400  
 M 827-0292 Digital Pages, The 2400 Simmons Micha QBBS %  
 M 829-8342 Community KeyBoard 1200 Stephenson !M8  
 M 833-5859 Compu-Source 2400 Dagget OPUS !  
 M 833-9216 Magrathea 1200 Dent Arthur Atari BBS-EX  
 M 834-7130 Silicon Fortress 2400

M 834-7315 Party Zone, The	300	E
M 835-5270 Buylines	1200	
M 838-2435 Rabbit Telecommunication	1200	
M 844-2250 Twilight Zone	1200	C-64 C-Net E
M 844-7840 Pub, The	2400	Roberson Stev IBM OPUS
M 890-0182 Radio Free Arizona	2400	Topolski Rob IBM QBBS
M 893-1583 PlayNet	2400	
M 894-0519 Data \Path	1200	Holguin Wade
M 894-1470 Corwin's Keep	2400	Coppinger Pau IBM-AT OPUS
M 894-6526 Zephyr	1200	Smith Thane IBM PassKe DB
M 897-6459 Measurement #1	2400	Wilson Brian IBM
M 921-2438 Phoenix Union H.S. Dis	2400	
M 924-7819 Tolar's Tavern	1200	Allred David QBBS
M 926-4286 Dial-Your-Match (Singles	1200	Grislak Tom C-128 DYM \$
M 926-9276 Sam's Place	9600	Schuring Jim IBM
M 926-9733 Judicial Net	2400	
M 962-7698 Silent Side (KUPD)	2400	Mitchell Chri IBM WBBS
M 965-1588 A.S.U. Sch of Soc Work	2400	
M 965-3648 Construction Net #2	2400	Carson Marv IBM-AT OPUS !A
M 965-5670 A.S.U. A.C.S.	2400	Woods Jeff IBM PCB12 !A
M 965-6781 A.S.U. MiRF	1200	Kapoor Chetan IBM RBBS-P !
M 965-7000 A.S.U. Library	2400	
M 967-0498 A.S.U. Underground node1	2400	Garrity Conal PCB12 !A
M 968-2814 A.S.U. Underground node2	19.2	Garrity Conal PCB12 3!A
M 969-5219 Omni II	1200	
M 969-8545 Coco Jet (Temp down)	1200	E
N 983-0851 Warlock's Castle	2400	Kraft Craig IBM-CL QBBS
N 984-4049 QuestNet/1	2400	Jacobs Robert
P 899-3406 David & Goliath's	2400	Turner David IBM-CL
P 899-4876 Technoids Anonymous	9600	Cantere David IBM-PC PCB A

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## LOCAL SERVICE

## CALLING AREA

\*\*\*\*\*

The columns in the chart on page 7 \*Inter-zone calling:\* Each zone has list all the telephone prefixes in designated zones to which inter-zone the Phoenix metropolitan area. Your calls can be placed. See chart below telephone prefix is the first three to determine if your call would be digits in your telephone number. For considered an inter-zone call. example, if your telephone number is 231-0000, your prefix is 231. From

Zone Inter-zone calls to

Each prefix is followed by a letter

which corresponds to a letter on the A E, F, G, K, N, Q map showing the zone in which the E A, I, J, M, P prefix is located. F A, J, L, M, P

G A, H, L, M, P

\*Local Calling:\* Free dialing zone or H G, J, K, M, N, P, Q

local calls may be completed to those I E, K, L, M, N, P, Q

prefixes located in the same zone and J E, F, H, L, N, P, Q

those immediately next to the zone K A, H, I, L, P

from which the call is being placed. L F, G, I, J, K, M, N, P, Q

For example, if you are calling from M E, F, G, H, I, L

Zone A, the zones immediately next to N A, H, I, J, L, P

Zone A are Zones H, I, J, L, M, and P E, F, G, H, I, J, K, L, N

P. From Zone A, you can make local zone calls (toll-free dialing) to all of those zones as well as within Zone A. Customers in Zones B, C and D may make toll-free local calls only within their same zone.

A charge applies for inter-zone calls. When calling from public phones or for collect, Calling Card placed to zones not in your toll-free or person-to-person inter-zone calls, dial 0 operator. Should you reach a wrong number, hang up immediately and report the call to the operator so charges apply to all calls to and that you will not be charged for the distance charges, rather than inter-zone charges, also apply to the following calls:

From Zone	To Zones
E, G, K, N, Q	
F, K, N, Q	
G, E, N, Q	
K, E, F, Q	
N, E, F, G	
Q, E, F, G, K	

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## LOCAL SERVICE

## CALLING AREA

Phoenix metropolitan area

> 220-285 < 345-M 375-I 396-N 437-A 468-A 488-D 589-H 844-M 944-I  
 350-M 380-N 423-J 438-M 481-J 492-F 631-A 846-H 945-J  
 All prefixes beginning 370-A 381-A 431-M 439-H 482-I 493-I 730-M 848-H 946-J  
 with "2" (220-285) are 371-I 392-A 433-A 443-J 483-J 494-J 731-M 849-L 947-J  
 in the main or central 373-N 393-L 434-H 461-M 484-A 495-A 732-P 853-L 948-J  
 Phoenix "Zone A" area. 374-B 395-I 435-H 465-C 486-H 496-M 752-M 856-L 949-J  
 497-M 756-M 860-J 951-J

Black Canyon City	New River	Cave Creek	498-A 759-A 861-I 952-J
=B=	=C=	=D= Carefree	561-F 780-F 862-I 953-J
			563-I 784-M 863-I 954-A
			566-E 786-P 864-I 955-A
			569-G 788-I 866-I 956-A
			581-F 789-I 867-I 957-A
			582-F 820-M 869-I 961-P
			N 583-E 821-P 870-I 962-P
			W + E 584-E 827-M 872-H 963-P
			S 585-G 829-M 873-L 964-M
			588-H 830-M 876-H 965-M
Deer Valley	Paradise Valley		831-M 877-L 966-M
Aqua Fria			832-M 878-H 967-M
			833-M 879-I 978-M
			834-M 890-M 969-M
			837-K 891-N 971-I
			838-M 892-M 972-H
Glendale	North Scotts	Fort McDowell	839-M 893-M 973-H

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|_____| | Phoenix | dale | | 840-J 894-M 974-H
| | =H= | | | | 841-H 895-P 975-H
| | | =I= | | | =K= | 842-H 897-M 977-H
| | | | | =J= | | 843-H 898-M 978-H
| | | | | | 899-P 979-H
| Litchfield- | | | | 921-M 981-N
| Tolleson | | | | Super- | 924-M 982-N
| | | Mesa-Tempe | stition | 925-L 983-N
| | Phoenix | =M= | | 926-M 984-N
| | | | | =N= | 931-H 985-N
| | | | | | 932-L 986-N
| =L= | =A= | | | 933-H 987-Q
| | | | | 934-H 988-Q
| | | | Higley | 935-L 990-J
| | (Main) | Chandler | | 936-L 991-J
| | | | =Q= | 937-H 992-I
| | (Central) | | =P= | 938-H 993-I
| | | | | 939-H 994-J
| | | | | 941-J 995-I
| | | | | 942-I 996-J
| | | | | 943-I 997-I
| | | | | 998-J

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||
|| LIST COMPILERS (4) I spent time on every system I ||
|| could reach from Tempe (about 150) ||
|| Putting together a list of phone trying to learn something about ||
|| numbers connected to computers is a them. (5) I logged on to 40-45 ||
|| snap--right? All you have to do is systems that were toll calls. Time ||
|| call two (or more) BBS and get ran out (August 1 arrived) before ||
|| their lists, integrate them in I could log on to about 15 systems.||
|| something like a logical order, and I did include a few of these and ||
|| you have your own customized list. will try to reach them in the next ||
|| What could be easier? two weeks. ||
|| If you want to be a little more This list is not "exhaustive;" ||
|| sophisticated, you "clean up" your I still have about 40+ numbers ||
|| numbers by listening to see if a which I plan to explore. Any ||
|| modem answers. This will help collaborators (esp. in Glendale) ||
|| eliminate disconnected, discontinu- are welcome to call me. Rod Bias. ||
|| ed, and changed numbers. But what 438-9202. ||
|| do you do with "busy" numbers and ||
|| "no answer" numbers? If you discard --==>##<==-- ||
|| them, you may throw out very active ||
|| systems and part-time systems. One How to Read PHX#_LST.AUG ||
|| "Valley BBS Morgue" list includes ||
|| "Invasion of Privacy," "Janitor's 1) Learn your phone-zone and how ||
|| Closet," and "Labyrinth." But, I it affects your calls. ||
|| connected with each of those 2) Choose nearby numbers first. ||
|| systems in the last two weeks! This avoids Ma Bell charges. ||
|| Not only are busy signals and 3) Look at the far right column ||
|| no-answers a problem, so is the "notes." Avoid pay ($) systems. ||
|| fact that just dialing and listen- 4) Place your first call to a ||
|| ing doesn't let you know who you system between 6 and 9 in the ||
|| connected with. Nostromo is listed evening. ||
|| as still functioning on some lists; 5) Listen for the modem sound. If ||
|| but it actually call-forwards you a voice answers, DON'T HANG UP! ||
|| to Genesis II. For a month calls The system may be part-time (%) ||
|| to Programmer's DATA Line were ask for the hours to call. ||
|| forwarded to The Bunny Rabbit. 6) Call back using your computer's ||
|| Finally, systems frequently telecommunication program. ||
|| change name. The result is that -continues on page 13--==> ||
|| one local list which attempts to be ||

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|| biggest and best often contains the      ---<##>---    ||
|| same number under two or three          ||
|| different names.                        NEXT ISSUE    ||
|| In compiling this list, I col-          ||
|| lected all the lists available to I would like to . . . ||
|| me and produced a master list of      ||
|| over 300 names and numbers. (1) I * discuss BBS history and trivia. ||
|| called each number and listened for    ||
|| modem. (2) I called busy and no- * provide information on software. ||
|| answer numbers at all hours of the    ||
|| day and night for two weeks. Many * include directories for other ||
|| of them turned out to be part-time Comm packages.    ||
|| boards. (3) Then I started logging    ||
|| in via computer. I found name * expand the "notes" on each ||
|| changes, incorrect spelling, etc. system.            ||
||                                                    ||
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----- System ----- Z  
-Number- Baud --- SysOp --- -Hard- -Soft- -Notes-

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(Generic / Switchbaud) A 277-3642 1200 Schrody Mike VIC-20
157 Riverside Avenue A 246-2131 1200 Schuler Curti CS-BBS
2001 J 953-1893 2400 "Cyborg Warri WWIV A
A.S.U. A.C.S. M 965-5670 2400 Woods Jeff IBM PCB12 !A
A.S.U. Library M 965-7000 2400
A.S.U. MiRF M 965-6781 1200 Kapoor Chetan IBM RBBS-P !
A.S.U. Sch of Soc Work M 965-1588 2400
A.S.U. Underground node1 M 967-0498 2400 Garrity Conal PCB12 !A
A.S.U. Underground node2 M 968-2814 19.2 Garrity Conal PCB12 3!A
ACCESS (Micro-80) A 247-7016 2400 Wilkins Rob't Tandy

```

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AKUG (AZ Kaypro Users' G I 863-1435 2400 Maher Pat Kaypro PICS15 !
AMUG (AZ Mac Users' G) A 495-1713 2400 Mac Red-Ry
APECS #1 A 266-2113 1200
AZ Underground I 942-4666 1200 Ivory 3
Abolon's Castle II H 939-5999 300 Duplanty PC-jr MBBS
Abyss F 439-0995 1200 Riccelli Chri Atari KBBS
Adam-Link L 936-3892 300 Rusty Adam A-Net E
After Hours H 843-1560 2400 Lou Bruce
Agent J 947-0587 2400 Heflich Alan IBM
Alternate Choice I 788-0838 2400 Miller Keith QBBS

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AmAz Users' Group H 843-6574 2400 Krawczyk Stan Amiga BBS-PC
AmiHOTLINE A 265-8268 2400 Amiga BBS-PC
AmyAdvisor F 582-5174 2400 Bill Amiga BBS-PC
Amyholics H 843-8486 2400 Jerry Amiga BBS-PC
Apollo 7.2 A 246-1432 2400 Kolostow Clif Sanyo Apollo $&B
Archer-80 A 247-5470 1200 Clanton Fred T-1000
Arizona Apple Tree A 264-3800 2400 Cline Jerry Apple2 GBBS $
Arizona Educational J 947-1124 1200 Doyon Andre' Apple2 GBBS
Ark, The H 938-7252 1200 Savage Paul C-64 Softro B
Aviator I 866-2266 1200 Swenson Geral Mac-SE Red-Ry %!A

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Battlestar Ga(Temp down) A 269-1209 2400
Bible Foundation A 242-2462 2400
Bits & Bytes I 866-8324 2400 West
Black Castle 4.0 H 843-6782 2400 IBM-CL
Black Knight's Citadel J 996-3464 1200 WBBS
Bloom County H 843-8261 2400 Jones Oliver Atari BC-BBS 3
Bob's Answering Machine A 242-3158 2400 Donaldson Bob IBM-XT OPUS !
Broadcasters' H 934-4999 2400 IBM-CL OPUS
Bunny Rabbit H 978-4336 1200 Rale Kanter Epson SUBBS DB
Buylines M 835-5270 1200

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CENTRALINK A 254-9031 9600 Gillies Jonat IBM-XT OPUS !A



CSE A 275-7513 1200 Turner Ted C-128 EBBS B  
 Cactus Computer BBS J 945-3493 1200 Hellens Nick C-64 PBBS  
 Call-A-Lawyer A 275-6644 1200 Tvedt Joe IBM-CL RBBS14 %  
 Carl Hayden H.S. A 271-2458 2400  
 CarolCom's StarShip J 946-4234 1200 Graham Carol TRS-80 Trader DB  
 Coco Bug J 996-8828 1200 Dick Coco E  
 Coco Jet (Temp down) M 969-8545 1200 E  
 Community KeyBoard M 829-8342 1200 Stephenson !M8  
 Compu-Source M 833-5859 2400 Dagget OPUS !

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CompuServe #1 A 256-2951 2400 \$  
 CompuServe #2 I 943-9425 1200 \$  
 CompuSports A 242-5415 1200 Anderson Erik WBBS  
 Computer Classifieds J 953-0748 2400 Ressor Roger IBM-AT OPUS  
 Computer Farm H 978-3737 2400 TRS-80 TBBS  
 Computer Times J 990-1260 1200  
 Construction Net #1 A 258-8347 2400 Carson Marv IBM-AT OPUS !A  
 Construction Net #2 M 965-3648 2400 Carson Marv IBM-AT OPUS !A  
 Corner, The A 264-0750 2400 Malone Ted TBBS A  
 Cornerstone L 849-4931 2400 Scotten Don B

Corwin's Keep M 894-1470 2400 Coppinger Pau IBM-AT OPUS  
 Cottontail Ranch A 433-0159 2400 Apple2  
 Country Side (KNIX) A 274-0840 1200 Fike Bob & Ka IBM-CL OPUS  
 Cranston Manor L 935-6519 2400 Winchester Br IBM-XT OPUS  
 Crossroads I 971-2240 1200 !M7  
 Crystal Caves I 971-7823 2400  
 D.E.A. (Drug) A 261-4835 2400 Howard Gil IBM-XT  
 DCS Exchange (Temp down) A 437-4671 2400 Gardner David PCB12  
 DM's Realm I 861-3616 2400 WWIV !A  
 Daemon's Den H 841-0509 1200 Dickson Paul Amiga PC-ROS A

Dark Side, The A 235-9248 2400 Bob Lucas IBM-AT QBBS %A  
 Data West H 486-1971 2400 C-128  
 Data \Path M 894-0519 1200 Holguin Wade  
 Database 2000 A 242-6734 2400 McGinnis C-64 B  
 David & Goliath's P 899-3406 2400 Turner David IBM-CL  
 Dial-Your-Match (Singles M 926-4286 1200 Grislak Tom C-128 DYM \$  
 Digital Pages, The M 827-0292 2400 Simmons Micha QBBS %  
 Dove, The H 846-2184 2400 B  
 Dragmouth's Castle H 939-2196 2400  
 ESP Headquarters I 942-2111 2400 "Mr. Peace" EMLX

Exchange, The H 848-9902 2400  
 Exterminator H 842-4635 2400 Parvin  
 EyeNet J 941-3747 2400 Bores OPUS  
 Fighter Country III H 486-1833 2400 C-64 C-Net  
 First Board A 381-1278 9600 Rose Eric A. PCB12 !A  
 Floydian Slips A 246-8745 2400 Atari  
 Flying Circus, The M 820-6598 2400 Woodward Andy  
 Flying Circus (node 2) A 437-1301 9600 Woodward Andy  
 Fox Communications H 846-2002 2400 Coco  
 G and G (Geneology) A 242-3233 2400 Spain William IBM-CL

GEnie A 275-7337 1200 ABACUS \$  
 Genesis II M 827-0280 2400  
 Genoa City J 945-0869 2400 Clarke Duke Rainbo A  
 Golden Citadel H 486-8750 2400 "Lightning Ji C-128  
 Green Door, The J 951-0085 2400 IBM A  
 Hacker's Den A 381-0608 2400 Heart Dave C-64 \$  
 Hacker's Guild A 274-8917 2400 WWIV !A

High Pressure I 482-7089 2400 Pearce C-128  
Huff & Puff J 996-0033 2400 Hufford Miles C-64  
IASD Engineering I 863-5088 2400

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IBM-PC Privat(Temp down) A 275-5270 2400 Albany Steve IBM-AT OPUS !A  
IBM-PC Public A 275-5558 2400 Albany Steve IBM-AT OPUS !A  
III J 996-2573 1200 Apple2 ACCESS \$!  
Inn on the Park A 957-0631 2400 Jusko Jim IBM-XT PCB12 !A  
Invasion of Privacy A 437-0704 1200  
Irving L 935-6233 2400 Learn Glenn D PC-jr !A  
JCS F 582-3643 2400 Williamson IBM-AT Wildca  
Janitor's Closet A 224-9711 1200 Mike & Sandi C-64  
Jefferson Software A 276-6102 1200 Frederick Gar C-64 DB  
Judicial Net M 926-9733 2400

Ken's First Base H 978-9657 2400 Riggs Ken Atari  
Khan Kahlili A 277-2372 9600 Shepherd Scot IBM PCB  
KroyKolor Support A 266-4043 1200 Bailey Randy Mac Red-Ry  
Kurtis's Place A 274-3523 1200  
Labyrinth A 957-8468 1200 Watson Shane C-64  
Land of Os, The A 242-8083 1200 Osborn Lonne WWIV !A  
Lasergems I 867-7258 2400 McLarty Gerry  
Lightning Turbo System M 784-0412 2400 Martin Bill %  
Lost Disk, The A 258-0434 2400 Allison Darre  
Lost Dutchman's Gold Min A 247-2880 2400 Gronek Jim Kaypro PICS \$

Magrathea M 833-9216 1200 Dent Arthur Atari BBS-EX  
Maricopa County Sheriff A 256-1609 1200 Brockschmidt IBM RBBS-P  
MasterCom A 244-8096 2400 Albany Steve IBM PCB  
Measurement #1 M 897-6459 2400 Wilson Brian IBM  
Migrant, The A 264-2328 2400 Malone Mike  
Monitor H 846-2704 2400 C-64  
Nat'l Congress for Men J 840-4752 1200 Hirschfeld Bo L-Edge Wildca !  
Neighborhood Net #1 A 495-1797 2400 Volckmann  
News Room, The M 438-8489 2400 Ramsey Richar IBM-CL Wildca A  
Nighthawk I 995-3321 2400 Irving Steve IBM-XT Wildca !

Nightmare J 998-7886 2400 Willie C-64 C-Net  
Olestra (Mortville Castl A 271-4496 1200 Tuchman Brian  
Omni II M 969-5219 1200  
Online Hotline News Serv J 996-2283 1200  
Other Side, The K 837-0062 2400 Speiser Jim T-1000 TBBS  
P.A.U.G.S. A 242-4259 1200 Atari  
PC Pursuit A 254-0244 1200  
PDL A 220-9922 1200  
Paisley H 843-8201 2400 IBM WBBS  
Park & Swap H 846-2965 2400 Morehouse Ken

Party Zone, The M 834-7315 300 E  
Pascalholics Anonymous A 484-9356 2400 Conrad Wayne IBM-AT WBBS  
Phoenix Connection H 938-5496 2400 Baker  
Phoenix Connection H 439-3739 2400 Baker  
Phoenix Connection H 938-5497 2400 Baker  
Phoenix Net H 979-5529 2400  
Phoenix Philes I 482-7480 1200 Acock Scott B  
Phoenix Union H.S. Dis M 921-2438 2400  
PlayNet M 893-1583 2400  
Program Exchange I 943-3826 2400 "Toyman" WWIV !A

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Protocol      A 254-5811 300
Pub, The      M 844-7840 2400 Roberson Stev IBM  OPUS
Public Agenda Access  A 495-5472 2400      IBM
Pyroto Mountain  I 864-6819 2400
QuestNet/1     N 984-4049 2400 Jacobs Robert
Rabbit Telecommunication M 838-2435 1200
Radio Free Arizona  M 890-0182 2400 Topolski Rob IBM  QBBS
Radioactive West  L 873-0810 2400
Ragarm! (Temp down) A 230-1463 1200      C-128
Raiders of / Lost *.ARC A 266-5146 2400 Whisler Ron

Rat's Nest     I 971-2454 9600      PCB12 !3
Realistic      I 371-1518 2400 Falconer  T1000 Widlca
RealtyBiz      A 242-8490 2400
Red Ryder      A 285-0361 2400 Tvedt Joe  Mac  Red-Ry
Restaurant / End / Univ I 375-9586 2400
Rio Salado Community Col A 256-0080 2400 Snyder Bill IBM-XT  A
Route 66       H 979-2858 2400 Lewis Jim  Apple2 GBBS !
Runner1        I 943-0206 2400      Ray L-Edge WWIV !A
ST Base Express  H 978-9657 2400
Sam's Place     M 926-9276 9600 Schuring Jim IBM

Sho-tron #1    A 495-0000 2400      $M8
Shodan's Dojo  A 272-9769 1200
Silent Side (KUPD) M 962-7698 2400 Mitchell Chri IBM  WBBS
Silicon Desert H 931-4244 2400      C-64
Silicon Fortress M 834-7130 2400
Software/Wetware Interfa A 257-0596 2400 Hirt Ed      KBBS
Special Needs  J 991-3669 2400 Powell Barry Apple2 GBBS
St. Joseph's Hospital A 235-9653 2400 Dodell David IBM  OPUS
Sunwise        E 584-7395 2400 Slater
System X       I 861-4090 1200 Sharpe Ed      E

Technoids Anonymous P 899-4876 9600 Cantere David IBM-PC PCB  A
Tiger's Den     J 951-4214 2400 Gillett John Mac  Red-Ry
Tigerteam      H 934-2080 2400
Tolar's Tavern  M 924-7819 1200 Allred David  QBBS
Tool Shop, The  A 279-2673 2400 Smith Samuel IBM-CL PCB
Tool Shop, The (node 2) A 264-3969 2400 Smith Samuel IBM-CL PCB
Tower of Zot West A 451-0309 2400
Trading Post    G 569-0350 2400 Colburn Bill
Twilight Zone  M 844-2250 1200      C-64 C-Net E
Unknown BBS (TUBBS) A 245-0504 1200      Apple2

Vast 99        A 437-4335 1200      Jim TI-99  E
Vault, The     J 941-8367 2400 Potasch Adam C-128  E
Wall, The      I 992-5636 1200 Hanover Fist  WBBS
Warlock's Castle N 983-0851 2400 Kraft Craig IBM-CL QBBS
Wierd World!   J 991-1613 1200
Wizzkid        M 820-0489 2400      Apple2 PBBS
XANADU         A 272-7657 1200 Genes Leroy Atari
XT-ra #1       H 979-6352 1200 Kennedy Joe  OPUS
Z-Paradise     J 996-8739 2400 Brimhall Well IBM-CL
Zephyr         M 894-6526 1200 Smith Thane IBM  PassKe DB

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7) Learn all you can about the system you are calling. Here are a few things you can learn about these systems from this list:

\*Baud:\* The highest speed at which the system operates. This usually means any lower baud is OK. Usually, not always. A few systems are 1200

minimum or even 2400 minimum. The current standard seems to be 2400.

**\*SysOp:** The system operator is the person you have to answer to for your actions on the system. Most SysOps list their name on the opening screen. A few use "business" or "professional" names (names that sound real but aren't) for the sake of anonymity. Some SysOps allow or encourage the use of "handles" (obviously false names: Dragonslayer, Lady Blue). A few sysops even use handles themselves.

**\*Hardware:** If you are looking for programs to run on your computer, you are more likely to find them on a system like your own. Notice: "more likely" means that many systems carry programs for several different computer types. Although that system cannot run the programs, they store them for you to copy and use. Aren't SysOps nice?

**\*Software:** Systems run on the same software will run similarly. Sysops often modify the menus and sections of the system; but one OPUS system will "feel" and operate like another; one PC Board will "feel" and operate like another. Sometimes you can even use the same log-on "macro" for each.

**\*Notes:** The following symbols may be found in the notes column:

[3] 300 Baud banned: You must call in at 1200 or more.

[E] EVEN PARITY: Most small systems are "8N1" (8 data bits, no parity, one stop bit). This is getting technical, but your Comm package will usually let you set this to match the system you are calling. Some small systems are "7E1" (7 data bits, even parity, one stop bit). If you get all kind of funny characters on your screen after connecting, you may need to switch to the other setting. Rarely you will encounter ODD parity and/or 2 stop bits; but these settings are very unusual.

[%] PART-TIME System: Many systems begins as part-time systems. The owner/operator uses his computer part-time and makes it available to you and me part-time. Perhaps it is a business computer which is turned into a BBS during non-business hours. In that case it is "on-line" from about 6 p.m. to 9 a.m. and usually all day Saturday and Sunday. Conversely, the owner may have the computer at home and put it "on-line" while at work or school. In that case it is available to you and me about 50 hours per week from 8 a.m. to 6 p.m. M-F. Some people use their computers for work and as a hobby at home, but even then, they have to sleep, and a few of them go "on-line" during sleeping hours (midnight to six a.m.). These are the late night systems frequented by insomniacs. One system used to just operate on weekends. And, believe it or not, "The Funny Pages" (497-1210) claims to operate 6-8 p.m. That's really part-time. But, remember, many fine full-time systems, such as CarolCom's, began as part-time. Call and encourage part-time systems.

[!] HARD DISK System: Small systems can run on as little as one small disk drive. Such systems offer no space for upload/download of files. Even discussion is limited. Hard disk systems can store many more messages and

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many more files.

Generally (but not always), hard disk systems are better because they are bigger.

[\$] PAY System: The cost of operating a system for others to use is enormous, both in time and out-of-pocket. To help cover expenses some sysops request a small fee (\$5 or \$10 per year) for extra privileges such as "downloading," "secret files," or "restricted areas." You and I can use most of the system but have to chip in to get the "goodies." Purists scoff at those who charge; after all, you should run your system to help others freely. Time has changed some people's minds. Others feel strongly anti-\$ and feel it so strongly that they hate to admit pay systems exist. A few pay

systems are all pay. They are commercial enterprises aimed at providing a service for a fee and making a profit.

[A] ANSI Color Graphics: If you have a color monitor with an ANSI color driver installed as a device, this can produce colorful displays and pictures on your screen. Without a color monitor and an ANSI device driver, you will get strange characters if you select this option. When you call in, the system usually asks whether you want ANSI color graphics. If you don't answer "Y"es (asking for ANSI), you don't get it.

[S] ANSI SOUND:

[M] MULTI-USER "nodes": More than one phone line is attached to the same system. This usually means it is possible to "CHAT" with whoever else may be connected at the same time you are. Large commercial systems can accommodate hundreds of callers at a time. Smaller systems are limited to about 8 nodes. Systems with more than 2 or 3 nodes usually charge a fee.

[V] Phone VALIDATION/VERIFICATION: The system will automatically call you back to verify you are really calling from the number you claim to be using. When the system calls you back, if your software allows it, you will have to type ATA (not ata or Ata) to tell you computer to answer that computer. This is a security precaution gaining popularity.

[Z] = Atascii      <-How is this special?

[&] SIGs (Special Interest Groups): Certain systems have relatively serious sub-sections for people of common interests. As I learn more about each system, I hope to pin-point more SIGs. This is the last entry under the "Notes" column. Right now I have listed these:

&D: Discussion/Debate (little or no u/l d/l)  
&H: Ham radio and CB (Citizen's Band)  
&P: Photography  
&R: RPG (Role Playing Games)  
&S: SysOps Only Board  
&T: Theology, Bible, religion, Christian topics (all or part)  
&Y: Soap Opera  
&X: Singles, Dating, Sex, "Adult"