



Tucson Amateur Packet Radio

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Non-Profit Research and Development Corporation

Software

January 1997

In addition to supplying various kits and firmware, TAPR maintains a library of packet radio-related computer software. Disks are currently available in 3-1/2 in. (hd) for \$3.00 each, including mailing (slightly more for foreign orders). The current library listing contains the following entries, which are all new number as of January 1997. TAPR attempts to provide the latest versions of all software; updates are appreciated. TAPR reserves the right to screen any submissions and restrict the library content as necessary. Both freeware and shareware are acceptable. Please direct any questions to softlib@tapr.org.

<Upd> ==> Disk file(s) updated since last listing
<New> ==> New addition to the TAPR Software Library

TNC1 CODE /tnc/tnc1src.zip
TNC2 Notes /tnc/tnc2not.zip
Z-80 Monitor /tnc/monz80.zip
TAPR DevMeter source & tools /misc/devmtr.zip
METCON source & tools VER. 1.07 /misc/metcon.zip

Disk Pgm Name Version ftp.tapr.orgFilename
(/tapr/software_lib/xxx)

101. BBS - Servers

APLINK VER. 7.01 /bbs/apl701.exe
AA4RE VER. 2.12 /bbs/bb212.zip

102. BBS - Servers

F6FBB VER. 5.15 /bbs/

103. BBS - Servers

WINLINK VER. 1.2 /bbs/wnl12.exe
WORLI VER. 19.8 /bbs/w0rli/mba.exe

104. Misc - Programs

EZPAC VER. 1.1 /misc/ezpac11.zip
Ham Comm VER. 3.0 /misc/hamcom30.exe
ARESdata VER. 1.6 /misc/aresdata.zip
VE4UB NTS VER. 091891 /misc/ntsve4ub.exe
NMLD DOSGATE VER. 1.14 /misc/dosgate.zip
Intro to Packet Radio 6/16/95 /misc/intropkt.zip
GIL VER. 1.03 /misc/gill-03.zip

105. Misc - Tools

MONAX /misc/monax.zip
PRAFFIC VER. 2.05E /misc/praf205e.zip
PACKHACK VER. 8 /misc/phack8.zip

107. TNC - Tools

TNC2 EPROM's VER. 1.18A /tnc/eproms.exe
Host Mode docs /tnc/hostmode.exe
Manual /tnc/tncdocs.exe

108. Utility - Archive/Conversion Programs

7PLUS VER. 2.02 /utils/7plus20.exe
LHA VER. 2.11 /utils/lha211.exe
PKARC VER. 3.6 /utils/pk36.exe
PKZIP/PKUNZIP VER. 2.04G /utils/pkz204g.zip
R95 VER. 4.0 /utils/r9540.exe
UUENCODE/UUDECODE VER. 5.40 /utils/uuexe540.exe
ZOO VER. 2.10 /utils/zoo21.exe

110. Microsat - Ground Station Software

PB 04/30/92 /sat/microsat.zip
PG 02/25/92 "
PFHADD 03/24/92 "
PHS 12/21/90 "

111. TCP/IP - Telnet/SMTP/Ftp Programs

KA9Q NET VER. K36 /tcpip/netk36ex.zip
/tcpip/netk36sr.zip
INTRO TO TCP/IP /tcpip/tcpintro.zip

112. Weather - Server Programs

<Upd> WXN Weather Svr. VER. 6.00b /weather/wxn600b.zip
<New> WxMaster VER. 0.1 /weather/WXMASTER.ZIP

113. Terminal - Windows Packet Terminal Program

<New> VPAKET VER. 3.2 /terminal/vpaket32.zip

114. Terminal - Packet Terminal Programs

THS VER. 2.50 /terminal/ths.zip
TPK VER. 1.82 /terminal/tpk182.zip
SP (Eskay Packet) VER. 6.50 /terminal/sp650.exe
PCTOR VER. 3.02 /terminal/pctor302.zip

116. Terminal - File xFers/Packet Terminal Programs

LAN-LINK VER. 2.32 /terminal/l1232.zip
PAKET VER. 6.1 /terminal/paket61.zip

117. Terminal - File xFers/Packet Terminal Programs

YAPP VER. 2.0 /terminal/yapp.zip
<New> WINPAK VER. 6.10 /terminal/winpak610.zip

118. NOS - KA9Q Network Operating System

JNOS (Executables) VER. 1.10M /tcpip/jnos110m.exe
(Docs) /tcpip/docs110m.zip
<New> DAJD (Socket Driver) /tcpip/DAJDSOCK.ZIP

119. NOS - KA9Q Network Operating System

JNOS (Source for 38) VER. 1.10M /tcpip/jnos110m.zip

120. Switch - Server Programs

G8BPQ NODE VER. 4.08a /switch/bpq408a.zip

Software — please circle disk numbers requested

101 102 103 104 105
107 108 110 111 112
113 114 116 117 118
119 120

<u>Qty</u>	<u>Item</u>	<u>Unit Price</u>	<u>Total Price</u>
_____	3-1/2 Disks (each).....	\$ 3.00	_____

See TAPR Order form for full order information.

The following disks (before January 1997) have been:

1. Moved to TAPRDISK_101
2. Moved to TAPRDISK_101
3. DELETED - CBBS
4. Moved to TAPRDISK_104
5. Moved to TAPRDISK_105
6. Moved to TAPRDISK_104
7. Moved to TAPRDISK_107
8. Moved to TAPRDISK_108
9. DELETED - RoseServer/PRMBS
10. DELETED - RoseSwitch
11. Moved to TAPRDISK_111
12. Moved to TAPRDISK_112
13. Moved to TAPRDISK_107
14. Moved to TAPRDISK_103
15. DELETED - WA7MBL PBBS
16. Moved to TAPRDISK_103
17. Moved to TAPRDISK_117
18. Moved to TAPRDISK_111
19. Moved to TAPRDISK_116
20. Moved to TAPRDISK_104
21. DELETED - MSYS
22. Moved to TAPRDISK_120
23. DELETED -
24. Moved to TAPRDISK_114
25. Moved to TAPRDISK_104
26. Moved to TAPRDISK_104
27. DELETED - SV7AIZ BBS
28. DELETED - TexNet
29. Moved to TAPRDISK_104
30. Moved to TAPRDISK_110
31. DELETED
32. DELETED - PAMS
33. Moved to TAPRDISK_107
34. Moved to TAPRDISK_104
35. Moved to TAPRDISK_116
36. Moved to TAPRDISK_102
37. Moved to TAPRDISK_114
38. Moved to TAPRDISK_118
39. Moved to TAPRDISK_119
40. Moved to TAPRDISK_114
41. Moved to TAPRDISK_107
42. Moved to TAPRDISK_114
43. Moved to TAPRDISK_107

The following is a brief description of the current listings in the TAPR software library.

- 101.** APLINK - A concurrent AMTOR MBO and packet BBS system by Victor D. Poor, W5SMM.
AA4RE - A multiconnect packet mailbox program by Roy Engehausen
AA4RE Requires the use of AEA or WA8DED host mode or G8BPQ switch software for operation.
- 102.** F6FBB - BBS Supports 15 languages, YAPP support, multiconnects, compressed message forwards.
- 103.** WINLINK - A BBS system for AMTOR, PACTOR, CLOVER and packet by Victor D. Poor, W5SMM and Hans Kessler, N8PGR.
WORLI - Packet BBS system by Hank Oredson, WORLI.
- 104.** EZPAC11 - A menu-driven NTS message formatter by Mike Imel.
Ham Comm - A DSP RTTY program with VGA spectrum display, o-scope, tuning indicator, all real time. Uses simple 1 chip interface, schematic included, all parts available at Radio Shack. Powered by serial port.
ARES/Data - A packet radio data base system for emergencies by Weo Moerner, WN6I and Dave Palmer, N6KL.

- NTS - Traffic generator Software package for generating NTS traffic by Bill Bowman, VE4UB.
 DOSgate - Allow remote operation of a PC via packet radio by Rich Bono, NM1D.
 INTRO - Introduction to Packet Radio by Larry Kenney, WB9LOZ.
 GIL - Graphics Interchange Language Permits a convenient way to transmit more than just ASCII text messages, such as animated graphics drawings or diagrams over digital radio links.
- 105.** TAPR Tools Disk
 MONAX - (NK6K & WB6YMH),
 PRAFFIC - (IW3FQG),
 PACKHACK - (K7EA)
 Programs for monitoring a packet radio channel and gathering system statistics.
- 107.** TAPR TNC/Tools disk:
 TNC - Manual and EPROM's for TAPR TNC2 Assembly & operating manuals for TAPR TNC-2 plus EPROM images for 1.1.8a firmware, KISS & state machine
 TNC-1 - Source for the TAPR TNC-1 firmware, TNC-2 Notes
 MONZ80 - Z-80 monitor for the TNC-2 by Paul Newland AD7I.
 DEVMTR - TAPR Deviation Meter Source code & tools.
 METCON - Source code and tools.
- 108.** Utility - Programs for Binary-to-ASCII conversion / compression.
- 110.** MICROSAT - Ground Station Software and information for use with the MicroSats (AO-15, DO-17, WO-18 and LO-19) and UO-14, by Harold Price, NK6K and Jeff Ward, G0/K8KA.
- 111.** KA9Q NET - Executables & source code for NET version of TCP/IP by Phil Karn, KA9Q, enhancements by Joe Buswell, K5JB.
 TCPINTRO - Description and reference information on TCP/IP.
- 112.** WXN - A multi-user weather server that runs as an application on the G8BPQ switch. Uses the Heath ID-5001 Advanced Weather Computer for weather data. Includes PC user program that runs on a TNC2.
 WxMaster - Version 0.1 is a Windows 3.1 application which reads and displays data log information from a Peet Brothers Ultimeter 2000. It shows current weather data in text form and will graph several types of data in a 24 hour plot. WxMaster will also connect to a TNC and send packets formatted for APRS.
- 113.** VPAKET - Graphical Packet / Digital Radio Terminal Application For Windows 95/3.1
- 114.** TERMINAL -
 THS - Terminal program for TNCs with WA8DED or DRSI PC*PA by Peter Heinrich, HB9CVV.
 TPK - French language terminal program with many features by Gerard Regnard, F1EBN.
 SP - Eskay Packet Hostmode program by Sigi Kluger, DK4NB for WA8DED firmware & support for Baycom modems & KISS TNC.
 PCTOR - by Johan Forrer, KC7WW runs AMTOR (CCIR476-6) on a PC. All AMTOR modes & listen are supported. Requires an external HF Modem (CP-1, ST-6, DJ6HP or similar.)
- 116.** LAN-LINK - Packet terminal program by Joe Kasser, G3ZCZ. Supports non-packet modes of PK-232, KAM and MFJ-1278.
 PAKET - TNC-2 program with features such as windowed operation for multi-connects by Tony Lonsdale, VK2DHU.
- 117.** YAPP - A packet terminal program by Jeff Jacobsen, WA7MBL. Supports split-screen operation, ASCII and binary file transfer.
 WINPACK - Windows Packet Radio program. Needs Win 3.1 or later, at least a 386 and at least 4Mb of RAM. This program subject to the conditions in LICENCE.TXT.
- 118.** JNOS - JNOS 1.10M. Executables and documentation for KA9Q's NOS version of TCP/IP software, enhancements by Gerard van der Griten, PA0GRI; Johan Reinalda, WG7J; and James Dugal, N5KNX. Author - James P Dugal, N5KNX; This code a continually developing piece of work, and as such, it should be seen as BETA software, no matter whether it is indicated as such or not. You should not expect this to be a 'plug and play' solution to tcp/ip over packet radio. If you experience problems feel free to contribute 'constructive' criticism to the author or the discussion group.
 DAJD - DAJD Sock 0.2A. <http://www.zynet.co.uk/dajd/> by Darren Jefford. Ideal for Programmers writing TCP/IP Servers. DAJD Sock allows you to test connections and precisely control what is being sent and see what is recieved. DAJD Sock allows multiple connections to a wide variety of TCP/IP Services including Telnet, TTY - Link, Finger and more!
- 119.** KA9Q NOS - Source code for Executables on Disk 18.
- 120.** G8BPQ - NET/ROM-compatible multiconnect packet switch by John Wiseman, G8BPQ, which can be run standalone or in conjunction with a BBS package, ARES/Data or DX Cluster software.

Orders for any of the above disks, new submissions or updates to the TAPR software library should be sent to the TAPR office.