

# HAM RADIO 2000 VOL. 2

## Complete File Listing

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### **1000MP 1.0b**

\HAMV2\RIGCTRL\1000MP

FT-1000MP Control Program for Windows - OH8BQT

### **7Plus conversion DLL**

\HAMV2\PACKET\7PLUSDLL

Windows implementation of 7Plus conversion DLL - G7MYO

### **8K**

\HAMV2\MISC\8KV2\_0

8K is designed to provide an easy to use interface between your PC and your AOR-8000 hand held (radio) scanner. By using 8K you will be able to better manage the 1000 memory locations that are available to you. 8K provides a means of backing up the data in your scanner to disk files, this includes the memories, search banks, and the system memory that contains the Band Plan. 8K can also be used to upload a new system area, perform scanning via the computer, and search from the computer as well.

### **ACARS Utilities**

\HAMV2\SCANNER\ACRSRT12

Contains various utility programs to assist the ACARS enthusiast with the decoding of ACARS messages (Log Files), which have been Saved with the Lowe Air-master Version 2.00 ACARS or AEA Acars receiving program.

### **Advanced class patch for Exam Generator**

\HAMV2\EXAMS\EXAM4A95

Advanced class patch for Exam Generator version 2.0, 12-11-94. Amateur Radio Advanced class FCC question pool, including diagrams (EGA/VGA and Hercules), to be used for exams taken between 07-01-95 and 06-30-99. (To install, enter \EXAM directory and unzip with -d option.) Requires Exam Generator 2.0 (EXAM20.ZIP) or higher. -AV by author, Affordable Computer Services. EXAM.EXE is shareware, \$20 registration.

### **AirNav 1.11**

\HAMV2\SCANNER\AIRNAV

The new aircraft tracking Software for Windows has arrived into your computer. With AirNav 1.11 you can understand all the flight control organization under world air traffic control centers: just enter flight data to the program via MANUAL MODE (in a understandable table representing flight waypoints and times) or TERMINAL MODE (where a command interpreter will decode all information given and store it into memory) and the program will track the flight on a map that can be done by you using one of the three map generation commands provided. More than 50 error messages make the program easy-to-use but don't forget that for any possible question you only have to E-mail me to [airnav@geocities.com](mailto:airnav@geocities.com). It's also provided a help file with over 60 topics where you can learn and understand the usage of the program. It has been tested in been tested under many conditions: from Windows 3.1 to Windows 95; from a 386 25 Mhz to a Pentium 133 Mhz with successful results but if you find any bugs just send an E-mail to correct it. Some program features: Tracks up to 50 aircraft at the same time 160 000 position digitalized world map Possibility of draw your own area map Includes an editable and searchable database with over 8500 VOR and NDB 16000 aircraft editable database with selcal,

registration and company info Easy-to-understand communication command interpreter Manual and terminal data insertion modes Estimates next enroute waypoints ETA's

## **Alabama Frequency Lists**

\\HAMV2\FREQ\ALABAMA

Alabama Frequency Lists

## **AMQM - THE ALL MODE QSO MAKER**

\\HAMV2\RIGCTRL\AMQM1

AMQM is not just another terminal program. This is especially made for making QSOs with DX stations on HF digital modes such as PACTOR, AMTOR, and RTTY. It works with CW too. Sorry it can not make QSOs of its own - as far as I know unattended HF is not yet allowed in many countries. But AMQM will reduce your typing almost by 90%. You only have to type the Call sign, Name, RST rx/tx and QTH of the DX station. These things you can do while the QSO is progressing. AMQM will do the rest. It will even keep a log and keep a recorded file of all what you did. This program is written for lazy hams - like me (of course I had to write the program, what to do? But it helps me to reduce lot of typing after that - hi!). Any way it also keeps your expensive transceiver more than 50% less time transmitting for cool long life. AMQM program can be even use for Packet Radio or any other digital mode as a simple terminal program, but AMQM is written for Digital DXing and CW with TNC. Look the new idea Packet Help with AMQM!!!

## **ANTDL6WU.BAS and ANTFO.BAS YAGI ANTENNA DESIGN PROGRAMS**

\\HAMV2\ANTENNA\ANTMAKER

The reason I created Antenna Maker was that I got tired of breaking out a calculator every time I wanted to build an antenna. It started with the Inverted Vee program, then (since I like Quads so much) I figured I'd write a program that would help me build Quads and finally I decided to expand on the Inverted Vee program so I could add Traps and cover more than one band. I've also included some other Public Domain programs that I think are pretty good. Hopefully, you'll get some good use out of all this stuff...

## **AOR AR3000 scanner mods.**

\\HAMV2\MODS\AR3000

This is a couple of hacks for the AOR AR3000 scanner.

## **AOR AR5000 Tuner for Windows**

\\HAMV2\SCANNER\AR5000

The demo versions of this radio control package is fully working with the following two exceptions: 1. The File|Save... and File|Save As... options are disabled 2. The program runs for 10 minute periods before exiting

## **AOR Hawk 5000**

\\HAMV2\SCANNER\SDU5000

This software is designed to work with version 7.0 of the SDU5000 EEPROM. This version of the SDU's internal software supports the high speed "K" command and the AR5000. If your SDU5000 has a serial number below 005901 and you have not already upgraded, you will need to do so. A version 7.0 (or above) EEPROM can be obtained from your AOR dealer.

## **AOR PC-MANAGER for Windows**

\\HAMV2\SCANNER\PC-MANAG

The definitive Windows control software for the AOR AR8000 and AR2700 handhelds

## **AOR SEARCHLIGHT**

\HAMV2\SCANNER\SEARCHL  
AOR SEARCHLIGHT

## **AOR Tuner**

\HAMV2\SWL\AR7030

This is a sophisticated control and memory management application for use with the AOR AR7030 High Dynamic Range General Coverage Receiver. It contains a number of powerful features which are accessible from the menus and tool bar. The AOR Data Base Toolkit may be used directly with this control program to create a powerful communications monitoring system.

## **AR3030 Tuner**

\HAMV2\SWL\AR3030

This is a sophisticated control and memory management application for use with the AOR AR3030 Communications Receiver. It contains a number of powerful features which are accessible from the menus and tool bar. The AOR Data Base Toolkit may be used directly with this control program to create a powerful communications monitoring system.

## **Arkansas Frequency Lists**

\HAMV2\FREQLSTS\ARKANSAS  
Arkansas Frequency Lists

## **Azimuth**

\HAMV2\MISC\AZIMUTH

This routine calculates displays and prints a world map in polar coordinates for any location in the world. This is useful to determine antenna azimuth direction. The programme runs under win95/NT only. To test the programme, unzip the file into a temp directory. Run Setup.exe to install. After examination, the programme may be removed with the Control panel.

## **Baken**

\HAMV2\VHF\BCN9505

Utility to calculate distance/angle between you and beacon

## **Beacon Clock**

\HAMV2\HF\BEACONCL

BeaconClock displays a real-time list of the next five beacons scheduled to transmit on the selected band and updates this list every ten seconds as the transmitting station changes. Information displayed for each station includes the callsign, short-path and long path beam headings and short path distance in Kilometers. Information for the currently transmitting beacon is highlighted at the top of the list. Armed with this information, a quantitative survey of possible DX paths on each of the five bands takes just a few minutes.

## **BEAM Antenna Heading and Distance**

\HAMV2\HF\BEAM111

BEAM Antenna Heading and Distance Color map of the world..... Shareware Point at the destination and see the heading, distance, and DXCC prefix.

## **Big Cities Frequency Lists**

\\HAMV2\FREQLISTS\BIGCITIE

Big Cities Frequency Lists

## **Blaster TeLetype - BTL Version 1.51**

\\HAMV2\MISC\BTL151

Blaster TeLetype modulates and demodulates non-encrypted Baudot Radio Teletype (RTTY) found on the short wave bands, and provides a multi featured, user friendly user interface. BTL uses a Sound Blaster compatible sound card and your PC to demodulate RTTY audio tones from an SSB radio receiver, and generates audio tones for an SSB radio transmitter. BTL uses the PC to perform modern DSP processing, giving outstanding demodulation performance, and to provide clean, sinusoidal, and phase continuous tones for transmission. BTL has many features including extensive on-line help. The help describes all the features available in BTL, and gives additional information on getting BTL to work on your PC. You can run BTL with or without a sound card to access this help. Press F1 when you see the main screen in BTL. If you still have problems or just want to know a little more about BTL, you can read the FAQ and Trouble Shooting Guide, FAQ.TXT BTL is a DOS program and requires a 80386DX based IBM PC compatible or better to run. To decode or generate RTTY you will also need a Sound Blaster 1.0 or greater, compatible sound card and of course a SSB receiver or transceiver. BTL sometimes works in a DOS box under Windows, however NO ATTEMPT has been made to make BTL work under Windows, so all credit must be given to Microsoft! Initial BTL defaults are set to the European standard of USB and 1275/1445 Hz. It is easy to change these default to the US standard or and other standard. Refer to the on-line help or FAQ. BTL will save these new defaults in the config file for the next time you run BTL.

## **CATLink Pro Demo for the FT-736R**

\\HAMV2\RIGCTRL\736DEMO

A Microsoft Windows program dedicated to the FT-736R that is compatible with Windows 3.x and Windows 95. I have tried to apply as many of the control features as possible including some additional features not possible on the rig itself.

## **CBLTNC**

\\HAMV2\PACKET\CBLTNC72

KE6CBL TNC Packet Terminal

## **CI-V**

\\HAMV2\RIGCTRL\CI-V25

CI-V is a file written by John Wilson, KN4HX, to emulate the ICOM CT-16 radio to radio link. It will allow one radio to 'track' another either forward or backward. It will also upload or download the memories. Use the following for data format: FMn,145.11000 - CORAL SPRINGS, LEON FMn,145.13000 - RCC EXLO MIAMI FMn,145.15000 - WD4KYW MIRAMAR, P1 103.5 Where FMn may be also AM, USB, SSB, LSB, FMw, etc. The '-' means that the shift (for repeater operation) is down, otherwise use '+' or '' (nothing).

## **CLUSTERMASTER 4.30**

\\HAMV2\PACKET\I0JXUPD1\FILES

ClusterMaster operates correctly in the TWO WINDOWS mode (see sect. 9.1. of file C\_READ.ME) only if your TNC implements the HEADERLN and MFILTER command according to the original TAPR spec. This last command is not available with Kantronics KAM and AEA PK-88, and is not properly implemented in the L.L. Grace DSP-12; therefore owners of these TNCs are advised to use the ONE WINDOW mode. To operate the TNC with ClusterMaster (see sect. 9.5 of file C\_READ.ME) and at the same time control your rig (with RigMate, RigMaster or ICOMtroll), two serial ports capable of simultaneous operation are required. Please

consult the RigMaster K\_EXPLA.TXT file for hints on serial ports usage and IRQ allocations in the Windows environment.

## **Clvrstat**

\HAMV2\MISC\CLVRSTAT

This program parses a CLOVER channel status file. It prompts for the name of the HAL channel status file to be parsed. Normally this has the format nnnnnnnn.tst, where nnnnnnnn is the input file's time tag. Output to the console and the file "nnnnnnnn.sum" is various summary statistics calculated from the status file. Output to files called nnnnnnnn.MY and nnnnnnnn.HIS separates the input data into space-delimited MY and HIS form suitable for plotting or further analysis. The program also makes a total of seven MY and HIS gnuplot setup files. You can ignore these if you don't use gnuplot. See the November 97 QEX paper for the names of these setup files and a description of their content.

## **Cmds.exe external program for Winpack**

\HAMV2\PACKET\CMDS

By entering /cmds a text file is sent to the tnc containing a list of all the extra external programs/commands and servers installed on your system.

## **Coaxial Traps Calculations**

\HAMV2\MISC\COAXTRAP

This routine calculates the design parameters for coaxial traps for wire antennas. The programme runs under win95/NT only. To test the programme, unzip the file into a temp directory. Run Setup.exe to install. After examination, the programme may be removed with the Control panel.

## **CODE-T MORSE CODE TUTOR v2.0**

\HAMV2\MORSE\CODET20S

Code-T is a Morse Code Tutor program, designed to help a those interest to learn to receive the Morse Code and pass their Amateur Radio 5 word per minute code test.

## **COIL**

\HAMV2\MISC\COIL200

This program computes the electrical self inductance of various shapes and sizes of air core coils and the LC circuit parameters at resonance

## **Coil Wizards**

\HAMV2\MISC\WIZARDS

Coil wizards is program to find no. of turns/inductance of any coil wound on torriod core or balun core or IFT core,air core.It has got a database of all AL values of standard torriod cores so you need not to know the AL value of torriod that you want to use you can just find the turns by knowing the tottioid core no(ex:T-50-2).

## **Compact MS-Soft PC V5.0 by OH5IY**

\HAMV2\VHF\MSSOFT50

Meteor scatter transmit & prediction program (VGA only)- OH5IY

## **Updated country files for K1EA CT logger**

\HAMV2\HF\CTY-704

This program will convert the files CQWW.CTY WAE.CTY and ARRL.CTY that are shipped with K1EA's CT program, and will convert the file 0NA.CTY that is shipped with K8CC's NA program, to include a little extra information in them. If you use CT or NA, you probably already know the F10 key will tell you what country a

callsign belongs to. This information comes from the .CTY files. You may make your own beam heading support by altering these files.

## **CW Pileup Trainer**

\HAMV2\MORSE\PED414I

This is a pileup trainer for IBM PC and Sound Blaster users. You can run a 9 station pileup as long as you like. 18 stations when using Sound Blaster PRO or Pro Audio Spectrum 16!! 1 station with beep sound for users without sound card. New super pileup mode supported.

## **DB0SDX qsl + address database**

\HAMV2\PACKET\DB971013

DB0SDX qsl + address database

## **DL4FBI**

\HAMV2\MISC\DL4FBI

Contains two sets of programs described in Helmut Zurneck's October 1997 QST article "How's DX?--Now!" QST is the Journal of the American Radio Relay League. There are source listings for QBASIC and POWER BASIC, with a compiled version of the POWER BASIC source in two directories: The QBASIC directory contains programs for use with QBASIC only. The programs do not have the simulation mode and must be run with the radio connected to the PC. The PBASIC directory contains a stand-alone (.EXE) program and source code for use with POWER BASIC. It has the simulation feature, which permits simulated operation with no radio connected

## **DMORSE**

\HAMV2\MORSE\DMV102

This program teaches Morse Code in simple steps. It is useful both for those starting to learn morse and for those who wish to increase their speed. There are seven basic lessons, four lessons each teach a new group of letters from the alphabet. The fifth lesson teach numbers. A sixth lesson allows practice of letters and numbers mixed. The seventh lesson teaches punctuation. Speed can be selected from 1 to 40 words per minute, spaces between words can be selected and the sound frequency can set. Additional facilities are provided to send any typed message, typical QSO phrases, a 40 word test and a text file from disc. By connecting a Morse key to a Com port the program will decode your Morse. There is also a facility for a Paddle key, either a single or dual paddle. Iambic keying is provided for the dual paddle.

## **Drawing azimuthal equidistant projections on earth**

\HAMV2\ANTENNA\AZPRJ104

Drawing azimuthal equidistant projections on earth - NA3T

## **DTMF\_FFT version 1.10**

\HAMV2\MISC\DTMFF110

DTMF\_FFT version 1.10 - A DTMF & CTCSS generator and decoder & a spectrum analyzer program for DOS

## **DX-Voicer**

\HAMV2\PACKET\VOICER

This program is designed as stand alone application for retrieving DX-information from Web Clusters like OH2BUA site, and making VOICE DX-announcement. DX-Voicer executes in background and does not require special skills from users. This program can be used as a gate to VHF band to inform about DX activities local

"DX-hunters" as yet another packet DX Cluster alternative. This program is successfully used on RW9OWD Club-station for setting up DX-beacon on local VHF net.

## **DXCC-list and database**

\\HAMV2\HF\DXCC134

DXCC-list and database by OH2DN & OH2BU. Multilingual.

## **DXHUNTER 5.2**

\\HAMV2\HF\DXH52ENG

\*DXHUNTER is a DOS, shareware, freely distributable program for PC and TNC modem (note: no BAYCOM modem support), for DX CLUSTER users. You can run DXHUNTER in a DOS session simultaneously with your favourite programs, such as your log: PIF and ICO files are included, to use the program under Windows, so you'll not have to abandon your dear old LOG program, when adopting DXHUNTER. \*Automatic DXCC data import from different log types (such as DXBASE, TOPLOG, EASYLOG...). \*Alert on New Ones: you can set an alert type and an alert duration; you can choose between 5 different new one classes to accept (cell, band, mode, band/mode, total). Allowed alert types are SOUND, MUSIC, CW and VOICE; the CW and VOICE alert types execute the spelling of the alerted spots (call and frequency) also on the PC speaker, making it possible to remotize alert events via radio. \*You can enable the announcement of any incoming spot, which will be performed in CW or VOICE, by spelling spot's call and frequency, also on the PC speaker (useful for people who are blind). \*Some special features allow you to decide which alerts to accept, at a spot's CALL/FREQUENCY level; the band planning can be adjusted to your needs. \*Automatic connection/reconnection to the DX CLUSTER, also via an unlimited number of intermediate nodes: your presence is not needed, even when the link drops. \*Antitimeout function, to avoid inactivity disconnections. \*A monitor mode function allows you to operate also when disconnected; a smart anti spot repetition function avoids identical spots display (this filter is active also when operating in connected mode, to avoid looped spots repetition). The monitor mode function supports also the special spot format used on forward links, between cluster nodes!. \*Incoming new ones are saved apart, on an active list: once you select an item from this list, you can play it (in CW or VOICE), you can send its frequency to your RTX via RS232; the spots that currently result to be more probable (because they were received into a one hour window centered on current z time) are displayed marked. \*DXPED and SKED reminder, with automatic deletion of expired events: when a DXPED becomes active a visual warn is displayed; when a SKED becomes active, a phone-like alert is executed. \*Prefix recognition without errors: the DXHUNTER is probably the best in the world in recognizing simple or slashed prefixes; if you keep the data base updated, by adding or deleting prefixes when needed, you'll get the best from this program. An on line prefix check function, allows you to check for any prefix getting useful info such as country name, needs, heading, QRB, sunset and sunrise.

## **DxNet v3**

\\HAMV2\PACKET\DXNET3A5

DxNet v3

## **DXTelnet**

\\HAMV2\HF\DXT10ENG

DXTelnet is a DXer oriented, Windows based Telnet application which finally fixes problems found in traditional telnet applications and adds unique features to help Power DXers. DXTelnet Features  
\*Alerts:DXTelnet can be linked to DXHUNTER 5.2, to get alerts on spots coming via the Internet \*Aux Comm Port: remote control can be activated via a comm port \*Customizable Colours: set the colours you want on any window \*Customizable Windows Size: hide/show/size the windows as you want \*Easy Text Send: no longer problems with the BACKSPACE key!!! \*Keep Alive: this function fights idle timeouts \*Links To Other Applications: to DXHUNTER or to any other program via DDE \*Macros: up to ten strings can be set immediately with Alt+0-Alt+9 keys \*Multiconnection: this program was born to operate in multisession: ALL

the spots, from ALL the sessions, are displayed in EACH DX window, without duplications. \*On Line Help: simply press F1 and get context sensitive online help \*Paste TX: send large bulletins in one shot \*Sounds And Voice Spell: even on the PC Speaker! \*Split Screen: TX RX DX TALK ANN are collected in 5 different windows \*Spot Filter: exclude unwanted spots \*Spot Multiformat Support: both Pavillion and Clusse spot, talk, ann formats are supported \*Talk Auto Answer: you can set your own text string to be automatically sent to incoming talks, when you're not in the shack \*Talk Management: review talks in their window or have the talks remarked when operating in multisession or in background \*Text Capture: archive entire sessions or received text portions on files \*Text Search: search for text on any window \*Window Scroll Back: no longer messy results when scrolling any window back These are the main functions; discover the other ones, by using this unique program.

## **EasiCQWW logging Program**

\\HAMV2\SWL\CQWW102

EasiCQWW logging Program for Short Wave Listeners

## **EASILOG**

\\HAMV2\LOGS\EL329

Welcome to the Easilog program. This program provides a semi automatic Amateur Log that should make your life on the key or mike that much easier. When the Log is running all that needs to be entered is Callsign, RST received, RST given and Comments, the rest is automatic. It indicates if you have had a QSO with that station before and displays data from the last QSO. Easilog keeps a running tally of DXCC countries worked on each of 12 bands for CW, SSB, FM and one other. It also tells you at the time of the QSO if the station called is a new country for the current frequency and mode, you can also check your DXCC status with that county at the time. Databases can be searched and updated while in QSO In addition to logging calls you may enter lines of text into the log which is useful when you operate portable and need to record your temporary QTH or any other information you may be required to record as a condition of your licence. A facility is also provided for the logging of Operator change, Tranceiver change and Antenna change. This information is subsequently extracted from the log when QSLs are printed. QSL printout is provided in two forms. A short form is provided to enable labels to be printed for sticking on existing QSL cards. A full form provides a complete QSL card complete with any text and callsign if desired. When the QSL is printed the QSL status for that QSO is set. QSLs can be printed in date or alphabetic order, in the latter case North American calls in call area order are printed first then other countries in alphabetic order. Three types of Log print out are available, Full log, Check log and Contest Log. Full Log printout is selectable by prefix. Logs may be printed or filed to disc. Various ancillary features are provided. You can browse through a log for a particular callsign or call prefix, search for information in the comments such as WAB area, Oblast or what you will. Provided you put the information in there you can find it. Old logs can be entered using the append routine and a DXCC check can be run at any time. Selection is provided for colour or black/white displays. A "Tools" program provides facilities to import logs from other log programs, to merge or divide logs and to strip redundant CQ calls. Time offset from local time to UTC is provided.

## **EasyContest Logbook (German) - DL6DCM**

\\HAMV2\HF\EC\_130F

EasyContest Logbook (German) - DL6DCM

## **ELNEC v3.0**

\\HAMV2\ANTENNA\ELNECDEM

ELNEC is a powerful but easy-to-use program for modeling and analyzing antennas. A wide variety of antenna types and parasitic structures may be modeled. The far-field pattern of an antenna, including gain, can be plotted on an ARRL-type (logarithmic-dB) or linear-dB polar plot, or presented in tabular form. All outputs, including plots, can be printed on a standard dot-matrix printer or HP LaserJet or DeskJet printer. A special



ANALYZE feature tells you the forward gain, front-to-back or front-to-side ratio, beamwidth, angles of 3-dB pattern points, major sidelobe level, and front-to-sidelobe ratio. The points which ANALYZE finds can be included on the plot to verify that ANALYZE has measured what you thought it had. In addition, you can display or print the voltage, current, impedance, and SWR (for a 50- or 75-ohm system) at each excitation source, the voltage, current, impedance, and power loss of each load, and the current distribution on each wire. The antenna description may also be printed. ELNEC offers an easy, menu-based system for describing and modifying the antenna. Unlike MININEC, ELNEC doesn't require a tedious and error-prone counting of "pulses" to determine where a source or load is placed. And once placed, the source or load stays where it belongs when the antenna is modified. (This feature is described in more detail in the REFERENCE chapter, p. 46.) Many special features are included to make modifications fast and simple; for example, wires can be added, deleted, or tilted, or wire lengths or antenna height changed, with a few keystrokes. Antenna descriptions and patterns are easily saved and recalled from disk files.

## **Extra class patch for Exam Generator**

\HAMV2\EXAMS\EXAM4B96

Extra class patch for Exam Generator version 2.0, 09-02-96. Amateur Radio Extra class FCC question pool, including diagrams (EGA/VGA and Hercules), to be used for exams taken between 07-01-96 and 06-30-00. (To install, enter \EXAM directory and unzip with -d option.) Requires Exam Generator 2.0 (EXAM20.ZIP) or higher. -AV by author, Affordable Computer Services. EXAM.EXE is shareware, \$20 registration.

## **EZ SSTV**

\HAMV2\FAX\_SSTV\EZSSTV

Easy to use color SSTV reception program v3 - WB2OSZ

## **FASTCHAT**

\HAMV2\TCP\_IP\FASTCHAT

FASTCHAT is a conferencing program for Net/Rom nodes running the G8BPQ node program, version 4.6 or later. It can handle up to 64 users and 32 separate conferences.

## **FFTDSP**

\HAMV2\VHF\FFTDSP42U

FFTDSP is a Digital Signal Processing (DSP) program which can detect very weak signals from a Radio Receiver using real-time Fast Fourier Transforms (FFT). Amplitude levels for each FFT frequency are converted to color and displayed as a continuous spectrograph. The resulting screen simultaneously shows the output of 640, 2 Hz wide filters between approximately 300 and 1500 hertz. Each horizontal line represents the output of all 640 filters during a 0.5 second period. Over time, as each line is added to the screen, the eye can begin to see weak signals emerge from the darker background. These weak signals may not be audible during a short listening period. Primary Features of the FFTDSP program are: - Real-time 4096 Point FFT for 2Hz Filtering - Signal Amplitude Conversion to color for continuous spectrograph - Numerical Frequency display of Max Amplitude Signal (2 Hz resolution) - Input Audio Signal Strength Meter for setting level from receiver - Color Level adjustment for color conversion range - Spectrograph screen Save and Display in standard GIF format - Mouse point and click for Frequency Measurement and Offset - Record and Playback WAV files for post spectral analysis - Automatic Color Gradient for optimum visibility - Integration mode for signal detection below the noise - Mouse point and click for selective recording - On screen Moon position and TOD tracking - True S/N (in 100 Hz Ref) bar graph - Selective area and mode for S/N display - Display Smoothing Filters - Zoom In/Out for wider frequency coverage - Improved Graphics Interface and Setup Screens - Find Call feature from partial information \* - On Screen Object tracking using RA and DEC \* - Data Logging for long term monitoring stored as file \* - Runs with GMT or Local Time with offset

## **Florida Frequency Lists**

\HAMV2\FREQLSTS\FLORIDA

Florida Frequency Lists

## **FODTRACK Satellite Tracking System**

\HAMV2\SATELLIT\FODTRK24

FodTrack is a simple, straightforward program intended to control an azimuth- elevation rotator like the Yaesu-Kenpro 5400/5600, and a transceiver, for any kind of satellite orbits. Best efforts have been made to provide state of the art tracking accuracy, within the limitations imposed by commonly available orbital data. FodTrack runs in foreground, continuously displays what it is doing, uses no special system resources, and is so simple to use that you should not have any trouble trying to figure out what is going wrong when the silly satellites seem to go in another direction than your antenna... The rotator can be connected to any parallel port using an interface built according to the schematic provided with the program. LPT2 is a good candidate, as it is often present and seldom used. It can also be controlled via any serial port, using the Yaesu GS-232 or the RC-2800 interface. Nonstandard ports are welcome, just you need to know the address. No IRQ is needed. The radio can be connected to any serial port. Just the same as for the rotator port, only the address needs to be known to be able to use any port. The radio can be combined with converters for any satellite band from 145 MHz to 24 GHz. FodTrack supports an NMEA talker device like a GPS receiver, for automatic setting of the time and location. It can be connected to any serial port at any address. It does need an IRQ line. All possible IRQs are supported (2, 3, 4, 5, 7, 9, 10, 11, 12, 15). FodTrack is best suited for those setups where a single PC runs a multitasking environment, like DESQview, with the satellite software in one window, a BBS in another, and your favorite game in the third. Just open a fourth window and put FodTrack there, it will be happy. It works with WISP under Windows too, but it has not been specially written as a Windows-based program. You can also use an independent computer for FodTrack. But you cannot run it in background. If you want background operation, there are other programs available for you.

## **FORCE**

\HAMV2\PACKET\FORCEV2

Force is an addon for use with WINPACK, it allows you to FORCE waiting messages out of the queue earlier than WINPACK had set for them. They will be released at the next connect that WINPACK makes to your BBS, this release will be stepped, so many items per connect.

## **Formats every message for HTML**

\HAMV2\PACKET\HTMLCONV

Formats every message for HTML

## **Free Finnish DX Cluster / Conference System**

\HAMV2\PACKET\CLU031

For several years hams have used so called DX clusters for distributing information over packet radio. DX spots, weather warnings and other announcements. The whole network has been using the PacketCluster (TM) commercial software package from Pavillion Software. I wanted to to put up a DX cluster node for the locals to use, but found out that the only software available was a bit too expensive for our club to buy. What the heck, i thought, i didn't like it's user interface anyway... When constructing Clusse, i've tried to avoid imitating the PacketCluster. I forgot the original VMS-stylish user interface, and made Clusse look more like any BBS or NOS mailbox. Just because i personally don't like the VMS interface too much. I don't really care if it's incompatible, i'm NOT writing a CLONE! No complaints on this one, please! I intend to include all of the original PacketCluster features, fix the things that are wrong in it and add a bunch of new features. If there's a thing you'd like to see in Clusse, please let me know!

## **Freeware Morse Code Trainer 1.2**

\HAMV2\MORSE\MCT12

This program will help you learn Morse code quickly in preparation for the amateur radio code exams. I wrote it because nothing else I tried had all the features I wanted and because it looked like it would be fun to write (it was). It's free. Enjoy it and pass it on to others. I only ask that you distribute it and the documentation file together and unchanged. It runs under any version of MS-DOS and has no special requirements.

## **Frequency Filer ver 2.2**

\HAMV2\MISC\FRQFIL

Radio frequency database Required operating system: Windows 3.1

## **Frequency Readout AUDIO files for ft1000MP program**

\HAMV2\RIGCTRL\AUDIO

Frequency Readout AUDIO files for ft1000MP program

## **FT-8000R Expanded TX Mod**

\HAMV2\MODS\FT-8000R

FT-8000R Expanded TX Mod

## **FT736r Control Program V3.0**

\HAMV2\RIGCTRL\FT736V30

This program is intended to be a general purpose control program for the FT736R, with special emphasis on making it convenient to work satellites or FM repeaters using pre-set configurations stored in user modifiable data files. All functions can also be performed manually from the main screen, with extra screens called when necessary to perform setup.

## **FTV**

\HAMV2\FAX\_SSTV\FTV-DEMO

WEFAX, FAX, SSTV, RTTY and CW software for Sound Blaster compatible hardware.

## **GeoClock 7.5**

\HAMV2\MISC\GEOXTR75

GeoClock 7.5 97/05/09 Copyright 1997 GeoClock GeoClock is distributed as shareware. GEOCLK75.ZIP (DOS version) and GCKWIN75.ZIP (Windows version), and optionally GEOXTR75.ZIP (extra maps), may be included in shareware catalogs, shareware CD-ROMs, and BBSs, provided the file is not modified and no more than a nominal charge for distribution is made. An self-contained shareware installation disk, with SETUP.EXE and GEOCLK75.LZH and GEOXTR75.LZH and GCKWIN75.LZH is available and may be distributed as above. The \*.EGA, \*.DAT, and \*.BIN files are common between GEOCLK75 and GCKWIN75, and when both files are distributed on a single diskette, the duplicate files may be eliminated. Georgia Frequency Lists

\HAMV2\FREQLSTS\GEORGIA

Georgia Frequency Lists

## **GEOST 2.3**

\HAMV2\SATELLIT\GEOST23

GEOST 2.3, Geo-Stationary Satellites' position

## **GO R8A version 1.2**

\\HAMV2\RIGCTRL\GOR8A12

Receiver Controller for the Drake (R) R8A GREG.EXE v2.05

\\HAMV2\PACKET\GREG205

Allows connected stations to have a personalised CTEXT as set up by the WinPack operator and also requests stations to add their name, callsign and BBS details to the ADDRESS.TXT file . Can also be configured to send a 'BANNER' style greeting as well as the personalised greetings . Can be set to send the WinPack operator a alert message after each registration .

## **Hagtronics Network Analyzer**

\\HAMV2\TCP\_IP\HAGEMAN

Hagtronics Network Analyzer

## **HAM LOG v3.1 by VK2VN**

\\HAMV2\LOGS\HAM\_LOG3

HAM LOG is a sophisticated, professional IBM log program for Amateurs and SWLs. Version one was released in February 1992, and reviewed in A.R.A. by Neil Duncan in August 1992. Version two was released in March 1993. On version two, Len Shaw wrote in A.R.A.: "In version 2.0 the author has gone considerably further (on features) than in any log program... ..you are unlikely to find a better log-keeping program anywhere, having seen and used a wide variety of shareware and commercial programs."

## **Ham University**

\\HAMV2\EXAMS\HAMUNIV

Ham University is a Windows multimedia product that makes learning Morse code fun. You start with Lessons to learn the characters, numbers, and punctuation-up the speed as your ability increases. Once you have the characters down, you can practice copying real world QSO's using the Exercise feature. You can use the built-in QSO's or send your own text file. Lessons feature of Ham University FCC Questions-Quiz Prepare for the written examination with the Quiz section of HamU. The Quiz section lets you browse through the questions and test yourself on them. You can select just the topics you want to work on and you can focus on just those questions you have trouble with. Complementing this is the Exam section which gives you a practice exam. Lessons The Lessons section sets up a series of lessons that introduces the code gradually using tested educational methods. You set aside 20 minutes once or twice a day and you work through the lessons at your own pace. Exercises For a less structured approach than Lessons, try the Exercises section. You can listen to typical Morse code messages and translate them. You can set up your own messages or try our selection-which includes several that mimic an actual exam. Great Game -- Pentoder There is also a great game included! Pentode allows you to test your skill at any level, Novice through Extra. You can play Pentode as soon as you've learned a few characters. You can even play the game with voice instead of CW if you want. Once you play Pentode, you won't be able to stop. While you're playing the game, you're increasing your speed and ability to recognize characters -- it's fun to learn and play at the same time. Pentode was also part of the #1 Edutainment package of 1995 (and 1966) as judged by Consumers Reports. Pentode comes with Ham University Features: FCC Quiz section lets you focus on troublesome questions FCC Exam section lets you take practice tests The Lessons section gives you a structured approach to learning Morse code at your own pace The Exercise section lets you practice copying real world-like QSOs Pentoder is the game that is included and helps you increase your speed and have fun at the same time. Great for schools and clubs The easy way to upgrade your license and get more privileges

## **HAMCALC**

\\HAMV2\MISC\HCAL-27

HAMCALC - PAINLESS MATH CALCULATIONS FOR RADIO AMATEURS

## **Hamview**

\\HAMV2\MISC\HAMVW

Hamview started life as a quick way to display the current repeater list. Then I added a list of cixen radio hams. Then a list of packet radio BBSs (and why not).

## **HTML Kickstarter**

\\HAMV2\PACKET\HTML

To allow WINPACK v6.2/NETSCAPE users a quick way to access your HTML type PMS without having to browse for a HTML file to download

## **HyperLog v3.06c - AH8B**

\\HAMV2\VHF\HLOG306C

HyperLog v3.06c - AH8B

## **IC-751 Mods**

\\HAMV2\MODS\ICOM-MEM

IC-751 Mod

## **IC-W32E Tranceiver Mods**

\\HAMV2\MODS\IC-W32E

Mods for the IC-W32E Tranceiver by SM6VIT Rickard.

## **Icom 706 Control Program**

\\HAMV2\RIGCTRL\IC-706

The Icom 706 is a revolutionary radio that provides HF through 2 meter coverage in an extremely compact package suitable for mobile operation. However, I found that when I used the radio at home, it lacked many of the features that I had come to expect from an HF or VHF transceiver. IC-706 was written to restore most of these features and add a number of others. It includes fully computerized radio control with the following major features. 1. Direct frequency entry. 2. Ability to skip directly to any memory in the radio. 3. Addition of an unlimited number of other memories identified by name. 4. Automatic repeater offset. 5. Ability to tune repeater output frequencies and have the input frequency track. 6. Ability to easily listen on the input. 7. Ability to monitor the transmit frequency when operating split on HF (the equivalent of a Kenwood TF-SET button). 8. A wide range of tuning steps (including those most appropriate for repeater work). 9. Rudimentary frequency tracking functions for working mode A and mode K satellites. 10. Extremely close tracking between the tuning knob on the radio and the display on the computer screen. 11. Automatic selection of any serial port from Com1 through Com8.

## **ICOM Rig Control**

\\HAMV2\RIGCTRL\ICOM

Control ICOM rigs with PC - DF9ZO

## **Intercom v3.53**

\\HAMV2\MISC\INTCM353

Intercom v3.53 to send/rev CW, RTTY, ASCII & SITOR FEC - PA3BYZ

## **International Morse Code Processor for Windows**

\\HAMV2\MORSE\IMCPW313

IMCPW (International Morse Code Processor for Windows) v3.13 is a Windows 3.1 & 95 compatible program which translates program-generated/user-defined text and text files to Morse code. Includes a window for copying code with the keyboard. Program recognizes all characters including "Barred" characters. Prosigns not implemented can be defined by the user. Characters and prosigns can be selected as groups or selected in any combination. Code speed is adjustable from 3-50 wpm with a character speed of 10-50 wpm for Farnsworth code. Includes a comprehensive help facility, a main menu, four popup menus, and eleven code practice lessons. It is Fully customizable from the Options menu. A Sound card is not required. Requires 964K of free hard disk.

## **JVFAX 7.1**

\\HAMV2\FAX\_SSTV\JVFX71A

If you want to use JVFX for the transmission of FAX-/SSTV-pictures you have the choice of three different methods of audio generation. 1) by an external modulator, such as is contained in the 'EASYFAX' for example. (Configuration setting 'serial port', or 'parallel port' in the modulator field.) 2) by the built in PC speaker. You will have to do some wiring to get the signal out of the computer. (see INTERF.DOC) (Configuration setting 'speaker') 3) by the TxD-pin of any serial port. Here, an audio signal is directly generated at the transmit data pin of the serial port. Just as in 2), you will have to do some filtering. See INTERF.DOC. (Configuration setting: 'serial audio') Best results can be obtained when using method 1). When using method 2), results will be good, but on slow machines it might be necessary not to load any memory managers such as EMM 386 or QEMM etc.

## **KaWin**

\\HAMV2\PACKET\KAWIN649

KaWin is an RF data communication application for amateur radio digital communications. KaWin provides Host Mode support for up to four Kantronics(TM) TNCs in Windows and Win95.

## **Kentucky Frequency Lists**

\\HAMV2\FREQLSTS\KENTUCKY

Kentucky Frequency Lists

## **KENWOOD TS850 Control and Logging**

\\HAMV2\RIGCTRL\TS850

Radio control and logging for KENWOOD TS850 - VE6YP

## **KEPS**

\\HAMV2\PACKET\WINPKP

KEPS.EXE is a server that scans all downloaded bulls for Keplerian elements in NASA format. Any that it finds are saved in a user-designated directory. They are saved as one element set per file. The format of the file names is <catalogue number>.KEP. Existing elements with a more recent epoch date will not be overwritten. If you don't know what Keplerian elements are, and you don't know what sort of bulls are likely to contain them, PLEASE don't bother to install this system - you will be wasting your time! KEPSMAN.EXE is a WinPack "extra" program. It is available from the WinPack File menu and allows you to view your list of Keps, delete them, prune them by epoch date, sort them by either satellite name or catalogue number and output all the Keps or just a selection to a file for importing into tracking programs, etc. PLEASE NOTE!! Because KEPS.EXE scans \*ALL\* downloaded bulls, there is a slight performance overhead. On a DX2/66 it isn't at all noticeable, but it might be on slower PCs.

## **Log Program (Spanish) v5.09 - EA3AHL**

\\HAMV2\HF\CNC509

Log Program (Spanish) v5.09 - EA3AHL

## **Log-EQF v8.54**

\\HAMV2\LOGS\LOGEQF85

Log-EQF v8.54 <ASP> Full-featured logging and station control for Amateur Radio. Rig, TNC, and CW interfaces. QSL labels, beam headings, and PacketCluster(tm) support. Also works with SAM, QRZ, HAMCALL, AMSOFT, and RADIO AMATEUR CALLBOOK callsign databases. Registered users receive DXCC, WAZ, and WAS tracking, too!

## **Log-Periodic Antenna Design v2.30**

\\HAMV2\ANTENNA\LPCAD23

Log-Periodic Antenna Design v2.30 - WB0DGF

## **M2MTNC ver 1.5**

\\HAMV2\RIGCTRL\M2MTNC19

Mouse to Morse TNC is a special terminal package for MSDOS computers that allows a blind or deaf blind ham to operate amateur packet radio. Due to the nature of packet radio, data throughput is quite slow. This allows a user to read the incoming data with a Morse code interface. M2MTNC is an implementation of this concept. It runs on any MSDOS platform and requires only a Microsoft compatible mouse. It can be configured to run on any serial port with any TAPR style packet TNC such as a Kantronics KPC3, MFJ 1270, or an AEA PK232. M2MTNC currently has many users and is a very practical means for handicapped persons to access the world of VHF packet radio.

## **Memory Master for Icom IC-706**

\\HAMV2\RIGCTRL\IC706MM

Programming the memory channels from the front panel of a 706 can be a very time consuming and frustrating operation. Memory Master allows you to make changes to the 706's memory channels with ease. The program automatically sets up split frequencies for repeaters by comparing the VFO A and VFO B frequencies that you enter. If the frequencies are different, the program automatically turns on the SPLIT FUNCTION and stores the memory channel for repeater operation.

## **Micro World Data Bank II (MWDB-II)**

\\HAMV2\MISC\GCMWIN22

The full WDB-II is a digital map data base produced by the Central Intelligence Agency (CIA) and distributed by the National Technical Information Service (NTIS), U.S. Department of Commerce, 5285 Port Royal Road, Springfield, VA, 22161. Micro WDB-II is a highly compressed version which is suitable for use on micro computers and was put in this configuration by Micro Doc. Before describing Micro WDB-II a few words should be said about the source file - WDB-II. The following paragraphs are paraphrased from the NTIS overview of WDB-II. WDB-II is a digital representation of the world coastlines and boundries suitable for use in automated mapping systems. It contains approximately six million discrete geographic points and was digitized using all available sources of information. Map scales used range from 1:750,000 to 1:4,000,000 with a nominal scale of 1:3,000,000. These points are grouped by and identified as describing (1) coast lines, (2) country boundries, (3) state boundries (USA only), (4) islands, (5) lakes, and (6) rivers. Each of these groupings is further broken down into features and subordinate classifications/ranks. These ranks are hierarchically structured, and are also used for plotting symbol definition. WDB-II, as provided by NTIS, is in a 20 character format on five 9 track EBCDIC one-half inch magnetic tapes. This data base consists of two types of records, one for the line segment identifier data, and the other for the latitude and longitude values of each discrete point making up the line segment. In this format latitude and longitude values are recorded only as integers in degrees, minutes, and seconds. WDB-II is available for \$660.00 (Order Number PB-271 874 SET/HBG).

## **MLOOP v 3.1**

\\HAMV2\ANTENNA\MLOOP31

The program MLOOP v 3.1 is FREEWARE and is designed to aid construction of magnetic antennas for frequencies from 1 to 60 MHz. You can choose by installation the language german or english. It runs under DOS, Windows and DOS-window of Windows 95, Windows NT and OS/2. The calculation of round, square and octogonal loops is possible. The output is provided in three columns. Different materials, forms, loop diameters, pipe diameters, frequencies and power ratings may be entered. The Q-factor and bandwidth are modified to provide values as they occur in practice. Loading and saving of the parameters as well as a hardcopy is possible. You can calculate also qualified capacitors for the loop. In the helplines you have 3 pictures which show the design of the loop, the link-loop and the construction of the pipe-capacitor. To ease the use under windows, an icon was created. Install the program with INSTALL.EXE in your choosen directory. You can delete the program with DEINSTAL.EXE. In CGA-mode you cannot see the pictures.

## **Morse Academy**

\\HAMV2\MORSE\MA52G

Morse Academy is a Morse code teaching program incorporating Computer Aided Instruction (CAI) that is extremely useful in teaching the code. It is designed to help students who have no knowledge of the code or computers. Operation is simple with functions selected by a single key. Different sessions are provided to allow students to vary the way they learn the code. Testing is automated to allow the student to spend more time on learning, and less on the tedious task of checking the result of a session. Morse Academy includes: - on-line HELP for each session (F1 key) - option settings that can be saved on diskette or disk so they are not lost when power is turned off - the ability to edit and sequence the character set used in all sessions - a set of sample code tests for student practice - the ability to generate random Novice, General, and Extra test sessions for practice - the ability to create, save, and reload text for replay - the ability for the student to input his copy via the keyboard during the Proficiency session and have it automatically compared with the generated text at the end of the session - the ability to save all computer generated text for later printing (F10 key) - the ability to select your own desired character weightings (frequency of occurrence of characters) - the saving of the history of mistakes from the last Receiving Game for optional use in computing character weighting - the optional ability to allow the Receiving Game to reorder the character set in worst-to-best sequence - the optional generation of Morse Prosigns in contexts that helps a student understand their meaning - the ability to adjust the code sending speed for the variances of different PC's - support for ADLIB compatible music synthesizer cards, the Disney Sound Source Adapter, RS232 ports or an external tone generator via the printer port

## **MORSE CODE PRACTICE v4.0**

\\HAMV2\MORSE\CODEP40S

Code-P is a Morse Code practice program, designed to help a Amateur Radio / telegraph operator to improve their ability to copy the Morse Code.

## **MS DSP V0.51 by 9A4GL**

\\HAMV2\VHF\MSDSP51B

This program emulate tape recorder with changeable play speed using SoundBlasterPro compatible card. Program is written in C programming language and must be run under DOS (version 6 or higher). Program will crash under any version of Microsoft Windows in DOS prompt. Also, I notice that there are some configurations that works in Windows 95, e.g. Windows 95 OSR2 version with CreativeLabs Vibra16FM works fine in MS-DOS prompt. Try, maybe your configuration also works. I think that this depend on soundcard, soundcard made by Creative Labs should work, clones not. If not, MS-DOS mode (not prompt) should work.

## **MSCAN**

\\HAMV2\FAX\_SSTV\MSCAN211



Did you know thousands of pictures can be received every day on your receiver? Whether it is on long- or shortwave, on CB or VHF, you can come across them everywhere. Using MSCAN you can visualize each picture on your IBM-compatible PC in black & white or full colour! With your transmitter you can transmit these pictures yourself, in up to 16.8 million colours. The fully multitasking software allows pictures to be loaded or digitized and overlaid with text while you are receiving or transmitting another picture! The superb performance and unique features make MSCAN stand out from any existing programs which are available today! INTERFACES To convert the signals between your receiver (and transmitter) and your PC you will need an interface. MSCAN supports many popular interfaces. Microscan RX By using digital signal processing MSCAN is able to achieve very good results, even with this low cost compact interface. A cable with 3.5mm jack connector is attached for connection to any receiver. Microscan RX is compatible with Hamcomm, and so can be used to receive other modes like Morse, RTTY, NAVTEX and TOR. Miniscan A handy compact interface packed with advanced technology. Miniscan features an entirely new OPAMP circuit for decoding, a real sinewave generator for distortion free signal generation, an auto calibration circuit, a programmable output level, and a built-in Hamcomm emulator! So get the best results with MSCAN, and still be able to use your other favourite programs! Multiscan This is our top-of-the-line model which uses an advanced PLL decoder for the best noise suppression achievable, and has a sinewave generator for distortion free modulation. Multiscan is the best guarantee for clearer pictures under worse conditions. Other manufacturers MSCAN supports many other interfaces like Hamcomm, EasyFax and ViewPort VGA. For audio output the PC speaker or any Ad Lib or Sound Blaster compatible card can be used too. VIDEO INPUT Capture true colour video directly to your MSCAN screen, using the professional Iris videodigitizer, the Video Blaster (original, SE, FS200 and SE100), or the ComputerEyes/RT. And because MSCAN is multitasking, you are able to do this while transmitting or receiving! MODES MSCAN 2.11 supports all popular B&W and colour SSTV & Fax modes, including the latest modes like martin 1/2, scottie 1/2/DX and robot 72 s. SSTV VIS codes are supported. Another unique feature is that Fax decoding is fully automatic, including setting of IOC and LPM! SPECIFICATIONS \* realtime & multitasking software! \* high quality pictures thanks to built-in DSP \* direct (camera) video input! \* 16.8 million colours! \* supports GIF and JPEG format pictures \* requires IBM-compatible PC with minimal 286 processor, 640k RAM, mouse and video card capable of displaying 16.8 million colours

## **MUFsight**

\\HAMV2\SWL\MUFSIGHT

The demo versions of MUFsight has fixed date and sunspot values but is otherwise fully working.

## **Multi User PMS v2.54c - G8NPF**

\\HAMV2\PACKET\NPF254C

Multi User PMS v2.54c - G8NPF

## **Multimedia utilities for DXHUNTER 5.1**

\\HAMV2\HF\DXH52ENG\DXH52E2

Multimedia utilities for DXHUNTER 5.1 Contains audio files for spot spelling & programs to play'em on SB/PC Speaker Multimedia archive for recorded DXes. DXH51E1 needed. Shareware. DXHUNTER:THE SOFT WAY OF HUNTING!!!

## **NATTA V1.1**

\\HAMV2\PACKET\NATTA

Chat server for BPQ Nodes. Add this talker to your winpack system!

## **NEC2 POST-PROCESSOR - FREeware**

\\HAMV2\MISC\NECPOST

This program displays projections of the radiation-pattern total directive gain associated surface from files created with NEC-2. User can select to view a projection on XY plane (option 1) or on YZ plane (option 2). If YZ plane is selected then after the display is finished the projection plane can be rotated over Z axis with < > keys. With option 1 the view point is from the coordinates (theta=0,,) looking to the origin. With option 2 the initial view point is from (theta=90,phi=0,) looking to the origin, with this option user can change phi with < > keys.

## **NEC4WIN v1.9**

\\HAMV2\ANTENNA\N4WEVAL

A user-friendly implementation of MININEC running under WINDOWS

## **NODE2BAY V1.3**

\\HAMV2\PACKET\NODBAY13

NODE2BAY.EXE acts as an interface between G8BPQ's BPQCODE node software and G7JJF's BAYDRV Baycom driver for Windows - that is why it is called NODE2BAY. It allows Windows packet applications which support BPQ (such as WinPack) to be used with BAYDRV and therefore with a Baycom modem. NODE2BAY is not in itself a Baycom driver, BAYDRV.VXD is the driver, which is (c) Jon Welch, G7JJF. If you have any problems using BAYDRV in conjunction with NODE2BAY.EXE, please contact myself, DO NOT contact G7JJF. BAYDRV is a very clever piece of software and I would like to thank G7JJF for giving his permission for it to be used in this application.

## **North Carolina Frequency Lists**

\\HAMV2\FREQLSTS\NCAROLIN

North Carolina Frequency Lists

## **Novice & Tech Exams**

\\HAMV2\EXAMS\NVTECH

Novice & Tech Exams

## **NuMorse Lite**

\\HAMV2\MORSE\NML

NuMorse Lite is designed to start you off in learning the Morse Code and it has several features to make this task as enjoyable as possible. Here is a list of features offered by NuMorse Lite: Code style is the same as that used in FCC Novice tests (Element 1A); 5 WPM text speed and about 15 WPM character speed. Generate authentic American callsigns. Can be configured for other countries. Generate random streams of characters. Read code from text files selected by you. Select words at random from text files. Will play code continuously or wait for you to make a guess at the words. Keeps a score on how well you have guessed the characters. You can choose which types of characters are sent. Support for the prosigns required in FCC tests. For complete beginners the code is sounded while the character is displayed. Get the computer to correct you using synthesized speech! (Supporting software required.) All code sent can be recorded on screen for you to review.

## **NuMorse Morse Code trainer v1.4**

\\HAMV2\MORSE\NUMORS14

A Morse code training aid. <ASP> NuMorse generates accurately timed Morse code in the Windows operating environment. In the early stages of learning it can play as slowly as required. Sending speed can then be increased up to and beyond the level required by the users local regulations. Here are a few features: Sound card support. Choose which characters to learn and add extra characters as required. Code played from random character stream, text file, keyboard or QSO generator. Alter code style to improve clarity. Full Prosign support included. Performance statistics gathered. Several modes supported that perform character guessing drills. You

guess the character and NuMorse responds in various ways including a phonetic speech correction. The program can be set to speed up and slow down in response to your performance. Log files record user keystrokes as well as program output. The Windows clipboard allows cut & paste editing of program text into other Windows applications. Characters can be statistically weighted to send some more often than others. Code output by sound card, PC speaker, code oscillator on printer port or semaphore window. Control codes in text files allow speed changes, voice narration and screen messages to be mixed with Morse code. The QSO/test generator is user programmable. A comprehensive on-line help system is included. Written by ASP member. Reviewed in QST magazine.

## **NuTest for Windows**

\\HAMV2\EXAMS\NUTEST14

NuTest for Windows is a training aid to help prospective Hams prepare for all levels of the FCC written examinations.

## **Packet for Windows 3.X v2.10**

\\HAMV2\PACKET\P4W16210

Packet for Windows 3.X v2.10

## **Packet for Windows 95 v3.00**

\\HAMV2\PACKET\P4W32300

Packet for Windows 95 v3.00 (18) - OE8DJK

## **Packet for Windows95**

\\HAMV2\PACKET\P4W32210

Packet for Windows95

## **PC SHORTWAVE MONITOR v3.0**

\\HAMV2\LOGS\PCSWM30

PC SHORTWAVE MONITOR(tm) is a frequency management program designed to eliminate the constant searching thru "general" SW broadcast listings that do not apply to your geographic area. Besides organizing your "loggings," this program will let you create a variety of customized listening schedules. These also can be saved as ASCII files or printed reports. QSL requests can be automatically generated, along with options for printing broadcast station mailing labels and personal return address labels. There is an import/export utility to share files with other users (especially useful for clubs/organizations when building a master list).

## **POCSAG Decoder**

\\HAMV2\SCANNER\PD-204

PD, together with a receiver or scanner, allows the off-air decoding of POCSAG paging signals at 512, 1200 or 2400 bits/second. This makes it extremely useful for the testing of paging transmitters and systems. Decoding of both numeric and alphanumeric pager data is supported, as is the hex dumping of raw POCSAG codewords. PD uses a simple interface between a receiver or scanner's audio output and a COM port on the PC. In addition received pages may optionally be sent in ASCII form to another COM port. PD runs on an IBM PC or equivalent, anything from an 80286 upwards. It requires 512K of conventional memory and a small amount of hard disk or floppy. Hard disk is recommended. PD runs under DOS or in Windows 95 MS-DOS Mode, running in a Windows DOS session is not recommended.

## **Pro-Scan SSTV/FAX**

\\HAMV2\FAX\_SSTV\PROSKAN

## **Qu V1.8 (HTML)**

\\HAMV2\PACKET\QU8

Allows you to find out what mail you have WAITING to be FORWARDED. It will also tell you the date which needs to be passed before this mail is sent out. \* It also allows you to find out if you have any NEW MAIL waiting at your station remotely with /qu rx \* Allows you to delete system mail messages /qu rx delsys \* Facility to zip unread mail to a file for moving to another computer zips to c:\newmail.zip \* Allows you to read your archived mail and copy to a: \ or c:\ drive if you wish Archived mail is stored in \winpack\archive\send and \winpack\archive\receive \* Will delete 7+ mail which you have sent and the backup server has stored in \winpack\archive\send \* New version has been speeded up slightly as well. If you find the program is running slow try doing ALT + ENTER to maximise the screen display (it speeds it up a bit!) QW for Windows

## **\\HAMV2\PACKET\QWIN**

QW for Windows is today the QWin Packeteer. A DX-Cluster orientated Packet Radio Hostmode-, Packet Radio Terminal- und Internet TELNET Program. But QWin is more: Tools, Transceiver Server, CW-Server, Scheduler

## **RADIO REMOTE CONTROL PROGRAM FOR WINDOWS**

\\HAMV2\RIGCTRL\RADW5004

The RADIO REMOTE CONTROL PROGRAM for Windows will allow you to control selected radios from any computer serial port (RS232) using Windows. This program expands the capabilities of your radio to 1000 channels and 100 programmable scan or search banks. In addition, scanning, searching, and logging facilities are also provided. Some radios will need an additional interface to utilize the signal detection facilities of this program. A circuit diagram and build instructions are provided free of charge to all registered users. The program allows you to select various baud rates, COM ports, and other parameters associated with individual radios. Up to eight different radio configurations can be defined for easy switching. A LOCAL mode is also provided to run the program without the need for a radio connection. Frequency information can be loaded or saved from a text file. An interface to a DBASE type file is also provided for frequency to service lookup. Most setup information is saved in a .INI file for ease in restarting the program.

## **Radio Test**

\\HAMV2\EXAMS\RADIOTST

Radio Test is a computer based training program to aid in preparing for FCC General Radiotelephone License Examinations.

## **RADIOLOG**

\\HAMV2\LOGS\RADIOLOG

The Log function is intended to perform both as normal station log and as a contest log. Many of the capabilities of log are automated. From the main display of Log, click "File" on the Menu-Bar across the top, then click "Defaults". This will display the defaults page. Type any of the requested information then click "Close". The information entered as defaults will be used to "fill in the blanks" later as you are using Log. Note that some fields will only accept numbers and limited punctuation. This default information is retained in the program's INI file and will be applicable to any & all different logs used, there are only one set of defaults. This information can be changed as often as desired, i.e., just prior to selecting a different log. During later use, you may find the character "-" in the default Mode field, if so, this indicates you have selected "Other" as the default mode (or entered information that RADIOLOG doesn't recognize). Data entered in the default "Call/Name" field will also be used in subsequent operation of RADIOLOG in the caption of the Log function. Across the

"Title-Bar" of the Log display will be indicated the name (and path) of the currently selected Log (you may eventually have many logs - Station, Main, SSB-80M etc.) and you will need to be aware of which log is in use.

## **RadioRaft**

\\HAMV2\MISC\RRAFT213

RadioRaft: a multi-mode radio data decoder. Supports a simple compatible interface or an external modem. 9 ARQ modes, 10 FEC, CW, packet, rtty... Automatic decoding of any mode at any speed. Frequencymeter and baud meter included. Modes are: BAUDOT, ASCII, SITOR-A/B, ARQ-E, ARQ-M2/4, PACKET, ARQ-E3, RUM-FEC, FEC-A, SI-ARQ, SWED-ARQ, ARQ-6/90 and 98, CIS11, SPREAD11/21/51, CW, AUTOSPEC, SI-FEC, ARQ-N, HNG-FEC

## **RCS - Radio Control System for Kenwood Radios**

\\HAMV2\RIGCTRL\RCS10B

RCS is a 32 bit Win95 application which allows you to control your Kenwood HF radio directly from your computer. It controls most of the major functions of the radio and has several continuously updated displays including frequencies on both VFOs, memory channels and signal level meter. The software allows you to do things with your radio that it is incapable of doing on it's own. It also includes a logbook feature with automatic logging capability which writes its data in Microsoft Access database format.

## **REG.EXE v1.01**

\\HAMV2\PACKET\REG102

Allows connected stations to add their details to your ADDRESS.TXT file

## **Remote controller for FT757 v1.12**

\\HAMV2\RIGCTRL\757\_112

Remote controller for FT757 v1.12

## **REQFIL 2.4.1**

\\HAMV2\PACKET\RQFIL241

REQFIL 2.4.1 by G7VFD - (based on REQFIL 2.4 by G4IDE) Replace REQFIL.EXE in your SERVERS directory with this REQFIL.EXE 73's Westi AX25: g7vfd@gb7hsn.#32.gbr.eu TCPIP: g7vfd@g7vfd.ampr.org

## **RF**

\\HAMV2\MISC\RF

RF - A Program to Solve a Number of Radio Frequency (RF) Related Problems. This DOS based public domain program was written to solve a number of problems encountered in by professional work and for amateur radio use. The program has a number of routines, that solves problems as diverse as designing attenuators, finding the free space path loss, noise and IP3 of a number of cascaded stages, selecting blower requirements for valves, designing inductors, finding the characteristics of transmission lines (both waveguide and coaxial of various forms), designing RF pre-amps etc etc etc. All the routines were designed to solve a problem that I (or in some cases someone else) had, at particular instant in time. Hence the amount of work put into the individual routines depended on the amount time I had available, the importance I attached to the individual problem etc etc. Many of the routines are unfinished, having served their purpose. Some have never really been started. Others work well.

## **RFProp RF propagation calculator**

\\HAMV2\MISC\RFPROP

RFProp RF propagation calculator program

## **RHOM112**

\HAMV2\ANTENNA\RHOM112

This version (v 1.12) of the program is entirely based on the material contained in the 1984 edition of the ARRL Antenna Book. Future versions may include other design criteria from other sources; QST and other journals from the 1930s had much material on this most useful beam antenna. The program outputs dimensions and other data for the rhombic you want. At the end, this info is expressed in terms of x,y,z coordinates (in meters) for entering into an antenna analysis program like Elnec. The metric system has been declared "legal" in the U.S. since about 1870, so maybe it's time to throw away this inches and feet business. Get a tape measure that measures in meters. We're almost in the 21st century!

## **RIG-EQF V2.29**

\HAMV2\RIGCTRL\RIGEQF22

RIG-EQF V2.29 <ASP> Kenwood Radio Control Program- RIG-EQF is a control program that interfaces with all computer-ready Kenwood rigs. A large frequency display, memory management, programmable scanning, and user-friendly control over most radio functions. Call 800-995-1605 to register - just \$20! Hobbies TOM DANDREA, N3EQF

## **RLINE.EXE v1.00**

\HAMV2\PACKET\RLINE100

White Pages / Address server for Winpack v6.1

## **Robot Helper**

\HAMV2\FAX\_SSTV\RH223A

Robot Helper is a Microsoft Windows 3.1 application designed to assist in the use of a Robot 1200c color scan converter. Robot Helper (RH) permits slow scan tv images to be stored on your hard disk and provides an easy to use disk storage manager, complete with thumbnail previews of all images. Images can be displayed in two on-screen full color preview windows before uploading them to the 1200c scan converter. A separate panel allows you to control the operation and mode of the 1200c directly from within RH. Robot Helper communicates with the 1200c through a standard 8255 based interface. The interface port addresses are fully configurable from within the software. Robot Helper will also run in the background under Windows, permitting the simultaneous use of other Windows programs to provide paintbox and image processing functions. Images may be also stored on remote servers and accessed over a local area network (LAN). Clip-art images can also be loaded directly off CD ROMs.

## **RXCLUS 6.6**

\HAMV2\PACKET\RXCLU66A

RXCLUS is a tool for licensed radio-amateurs and SWL's who are interested in DX'ing and are QRV in packet-radio. It makes possible to receive informations transmitted on the PacketCluster system without having to establish a connection to a cluster node. It identifies the frames sent to cluster users, and also those exchanged between two cluster nodes with a special protocol. This possibility is especially interesting for the SWL's during the night time as it makes possible the reception of cluster informations even if no user is connected on the local node ! With no connexion established, DX, WWV and ANN informations (with a connexion: also Talk) are recognised among all the frames heard on the monitored frequency and are the only ones to be displayed. Each information is displayed only once, even if it is repeated many times on the frequency because several users are connected or there are many retries. So you get the same result as if you would be connected to the cluster, but without additional traffic on the air and with no link failures problems. It is not a problem if the monitored frequency is shared with other packet services (Mailbox, and so on).

# **SATELLITE ENCYCLOPEDIA**

\HAMV2\SATELLIT\TSE037

Hypertext database containing characteristics of over 1800 satellites.

## **SbFFT**

\HAMV2\MISC\SBFFT12

SbFFT is a spectral display and filtering program for use in Amateur Radio and audiophile applications. It's features include: \* Sound Blaster 16 (or 100% compatible) input and output \* Band widths of 2K, 4K, 8K or 16K Hz \* Spectral resolutions of 1 Hz to 16 Hz per pixel \* Display of power density spectrum with 4 color maps in either linear or logarithmic scale \* Define and use up to six filters simultaneously -- band pass, band stop, low pass, and high pass. Filters have 25 Hz skirts at 3 to 50 dB points \* Filters are defined by mouse movement \* Filters may be as narrow as 1 Hz \* Net filter passband is displayed at all times \* CDROM and line SB 16 inputs \* .wav file inputs and outputs \* Filters can be selectively enabled and disabled by a single keystroke or a single mouse click. This allows for quick reconfiguration in case of changing conditions, etc.

## **Smart R8 Control for Windows**

\HAMV2\RIGCTRL\SMWIN310

The Smart R8 Control for Windows program is designed to both simplify and enhance shortwave listening on the Drake R8 and R8A Communications Receivers. Smart R8 Control for Windows integrates a database of frequency information with the power of remotely controlling the receiver. Smart R8 Control for Windows emulates most of the R8 and R8A's front panel controls, adding the capabilities of tuning by user selected increments and controlling an attached tape recorder; while adding the name of the station you're listening to and a user-selectable 24-hour clock (local/UT) to the continuous display. Aside from displaying the station you're tuned to, Smart R8 Control for Windows allows smart queries to the integrated frequency database. Using the Windows 3.1 or Windows95 windowing environment, Smart R8 Control for Windows allows the user to choose from a list of stations broadcasting at that time. Once a station is selected, a separate window is created containing that station's list of current frequencies and target areas. The user can automatically tune the receiver by selecting any frequency from any database query. A marking feature is included, to allow the user to highlight particularly reliable frequencies in the database. Smart R8 Control for Windows allows most receiver functions to be changed with a simple click to the main "faceplate" window. A special tuning bar allows the user to tune the radio by a user-defined stepsize, or nudge the radio by 0.01 kHz. Smart R8 Control for Windows also contains an integrated Logging System, which is greatly enhanced over the current DOS and Windows versions. The Logging System allows the user to enter more data, tune the receiver directly from the log display, and create professionally printed logs. Smart R8 Control for Windows also includes an integrated Memory Management System, that allows the user to capture the radio's memories, fill the radio with user-defined memory files, as well as print these memory files in a handy listing for use when the receiver is off. Smart R8 Control for Windows contains an extensive help file that doubles as an on-line users manual, with context sensitive help, enabling the user to get the most out of every feature. Smart R8 Control for Windows imports FineWare's new SWBC Schedules database files. Registered users of Smart R8 Control for Windows are entitled to an integrated importing capability, that will convert these files to the Smart R8 Control for Windows format. Once converted, either the distribution database or the imported SWBC Schedules database can be selected.

## **SNAPmax**

\HAMV2\HF\SNAPM363

SNAPmax is a radio propagation program for amateur radio and short wave listeners. **PURPOSE** It places special emphasis on signal losses and their analysis, and the latest version includes a graphic path loss presentation. It also uses calculates signal-noise ratios from noise map data. Using SNAPmax, you can not only see whether a path exists, but also how good it is, and where it may have problems.

## **SOFT990 V4.39**

\HAMV2\RIGCTRL\SOFT990  
CONTROL SOFTWARE FOR YAESU TRANSCEIVERS

## **South Carolina Frequency Lists**

\HAMV2\FREQLSTS\SCAROLIN  
South Carolina Frequency Lists

## **SPKVIEW**

\HAMV2\PACKET\SPKVW10

SPKVIEW.EXE is a WinPack viewer which allows messages to be spoken by a suitable text to speech program. It is intended that it should be installed for a file type of "SPK". From V6.22 onwards, WinPack has special support for viewers for this file type.

## **SSTV Picture LogBook Test Drive**

\HAMV2\FAX\_SSTV\SSLOGTD

This version of SSTV Picture LogBook is the Test Drive version. You will only be able store five records in the database. To continue evaluating the software you can delete one or more records. This software will not run in Windows 3.x if the color display is set for more than 256 colors. Because SSTV pictures are more than 256 colors, this software should be run in Win 95. It will run fine in High Color in Win 95. If you should attempt to run the software in Windows 3.X, You must run Share.Exe before running this software. Share.exe is not required if you are using Win 95.

## **SSTV/FAX400/WEFAX system**

\HAMV2\FAX\_SSTV\VESTER\_M  
SSTV/FAX400/WEFAX system described in QST - K3BC

## **STATION v1.01**

\HAMV2\LOGS\STATION1  
STATION v1.01

## **StationMaster v1.08**

\HAMV2\LOGS\STNMST

This is a fully functional demo version of the latest in amateur radio logging and station management software for Windows 3.x and Windows 95. The only limitation in the demo is that only 100 QSOs can be entered or imported into any log file.

## **STSOorbit Plus Orbit Simulation**

\HAMV2\SATELLIT\SOP9748B  
STSOorbit Plus Orbit Simulation - part 2/2

## **STSORBIT PLUS Version 9748**

\HAMV2\SATELLIT\SOP9748A

STSORBIT PLUS Version 9748: Track and display any satellite for which orbital data is available. Used by NASA and the aerospace industry as well as hams and "just plain folks" around the world. Math coprocessor



chip recommended. Now includes Multi-Satellite Tracking Feature. By: Dave Ransom, 240 Bristlecone Pines Road, Sedona, AZ 86336 USA. e-mail: rans7500@spacelink.nasa.gov

## **Super-Duper for IOTA**

\HAMV2\HF\SDI

SDI V9.05 Super-Duper for IOTA by EI5DI SDI is an amateur radio contest logging program for the RSGB Islands On The Air contest. It will run on any PC with at least 512k memory. SDI is easy to use because no multiple keystrokes are needed for logging or editing. FreeWare. Copyright 1990-97 Paul O'Kane <http://www.iol.ie/~okanep> okanep@iol.ie

## **TACLog by OZ1FDJ version 1,80**

\HAMV2\VHF\TACL180

TACLog is created by Bo Hansen, OZ1FDJ. TACLog is a contest program, solely devoted to VHF and above, hence its name The Above Contest Log. It incorporates many useful features, some will be presented in detail later in this document. There have been many other contest programs around, but most of them lack one important feature: they are definitely NOT user friendly - or, for that matter, "contest friendly." TACLog is intended to put an end to all this, and to provide the VHF/UHF contester with a USEFUL and RELIABLE logging program. TACLog differs from the mainstream logging programs. The most important difference is the FREE INPUT FORMAT. Where most other programs "dictate" the order and format of the input data during contesting, TACLog gives you freedom of operation, both on the air and on your computer. TACLog provides excellent "fringe benefits" from logging, such as ultra-fast dupe-checking, fast search & find functions, QSL function ..... plus the ability to configure the program for use in practically every type of contest on VHF/UHF/SHF. It also handles print-outs, summary sheets and logs, all in accordance with Region 1 rules. TACLog is also capable of generating several EDI-files for electronic interchange: REG1TEST, ARRL suggested standard file and RSGB standard. Just to let you know how easy TACLog is, Uffe, OZ1DOQ managed to log 383 QSOs in four hours, working as single operator using TACLog real-time not losing a single bit of data and all QSOs were valid. During my work with TACLog many have helped me with development, debugging and expressing wishes - I would like to take this opportunity to thank them all. I would also like to express my deep gratitude to Lars for helping me out when my computer knowledge failed, the crew of OZ9EDR, especially Torben, OZ1KRF, and Palle, OZ1RH, for their enthusiasm right from the first pre-release when bugs could be found everywhere, Richard, SM7SCJ for taking the initiative to this user's guide and the marketing, Carl, OZ1IEP for the testing, but most of all Søren, OZ1FTU and Uffe, OZ1DOQ for their tremendous amount of work in all phases of the process. Also a big thank you to, I4YNO, OZ4CHD & DJ3LE, PB0AOL, SP3SUX and OK1XH who have translated the English version into Italian, Danish, German, Dutch, Polish and Czech.

## **Tennessee Frequency Lists**

\HAMV2\FREQLISTS\TENNESSE

Tennessee Frequency Lists

## **Texas Frequency Lists**

\HAMV2\FREQLISTS\TEXAS

Texas Frequency Lists

## **TFLINK**

\HAMV2\PACKET\TFLINK10

TFLINK is a DOS program to allow a DOS PC running TFPCX (or equivalent) to emulate a packet radio TNC on behalf of another host computer system (for example, Linux). It does the much same job as PCTNC (DG3VT/DL2ECK), and TNCEMU (EB7CJO). Unlike both of these, however, TFLINK is a TSR program, so you can do other things on the PC that is emulating a TNC (for example, play Tetris).

## **TFPCX-2-TCP/IP**

\HAMV2\PACKET\TFPCX2IP

Packet driver that allows using TFPCX with NOS software

## **TFPCX-2-TCP/IP**

\HAMV2\PACKET\TFPCX2~1

Packet driver that allows using TFPCX with NOS software

## **The Other Packet terminal program**

\HAMV2\PACKET\TOP153EN

The Other Packet terminal program (English version)

## **TLMRS17**

\HAMV2\SATELLIT\TLMRS17B

TLMRS17 perform a fft on the .wav input file and then calculate snr ===== on each chunk of data (half fftlen) to find a dominant frequency. If snr is above the user defined trheshold then the dominant frequency is printed in the TLM.OUT output file with the relative temperature, more snr is printed and chunk number.

## **TNOS**

\HAMV2\TCP\_IP\TNOS230B

This release of TNOS contains the first attempt at a program to make configuring a new TNOS site from scratch easier.

## **TNOS BSD/OS implementation**

\HAMV2\TCP\_IP\TNOS230S

This is to be regarded as a test implementation - some minor problems, possibly related to the odd compiler warning or two - are present. It is based upon BSD/OS 2.0 with patches; earlier versions have not been tested. It is stable i.e. has not crashed (yet), but still needs to be hammered.

## **TNOS v1.10**

\HAMV2\TCP\_IP\TNOS230D

I can (and will) make you one solemn guarantee.... I guarantee that there are MASSIVE errors and omissions in the documentation! With this guarantee in mind, when you have a question or problem, first look in the docs (I might have gotten SOME of it right). Second, consult the on-line help systems (more on this later). Next (if you have Internet access), submit your question to the mailing list "tnos-topics" (again, to be explained in a moment). Lastly send me personal email. I'm not trying to be anti-social, but I am a programmer, and time spent answering questions is time taken away from programming. ;-) We are working on "TNOS-The Book", "TNOS-The Installation Program", and and "TNOS-The REAL Documentation", which will help the xNOS novice. A TNOS Frequently Asked Questions (FAQ) document is in development. For now, hard-core NOSers will probably enjoy poking around and finding hidden treasure.

## **TPK 1.82 Update**

\HAMV2\PACKET\TPK183B

Update for TPK 1.82 -> 1.83b - F1EBN

## **TrakBox ver 3.40a**

\\HAMV2\SATELLIT\TRK340A

New feature \* AD2000 changeover support RTC 1999/12/31 23:59:59 -> 2000/01/01 00:00:00 supported \* Added CAT control timing tuning for ICOM IC-821 IC-821 New released in the market has different CAT timing from ICOM IC-820/970. Minor wait timing was introduced for ICOM CAT control. \* Introduced Rotator error timeout value In main menu 6-4, you can configure the timeout time value for rotator error. In most cases, 120 seconds will be okay. If your rotator needs more time to turn from 0 to 360(AZ) or 0 to 180(EL), reconfigure the value. These values are also configurable from STATION.DAT file. Set rotor smoke protection ? [Y/N] y Timeout value for rotator error [sec] : 120 <= Auto recovery time from error mode [1-61 min] : 61 <=(\*)

## **TRAKSAT Version 4.0**

\\HAMV2\SATELLIT\TRAK405

Satellite Tracking Program For DOS

## **Tsthost CON\_FILTER.EXE, STATUS.EXE and CHECK.EXE**

\\HAMV2\MISC\TSTHFLT2

These programs are written in Turbo Pascal 7.0. Con\_filt.exe is a utility for TstHost 1.41 and higher. For further information see the doc files from Tsthost. Tsthost is a program from IK1GKJ. This program accesses TstHost for information about the status of the program and the tasks. Extended data request will be done through the internally IQR service vector, normally 101, 65Hex. This vector may be redefined with the command TstHost /V, that accept in input a DECIMAL value. This program is tested with TstHost 1.43a.

## **TURBO535 Version 4**

\\HAMV2\RIGCTRL\TURBO538

The program TURBO535 Version 4 ( PD filename TURBO538.ZIP) has the aim to control the SW receiver NRD-535(D) and to support the listening activities with: + fast and easily to use and easily to update frequency data files + extended and fast logging facilities + tracking mode to show which station the receiver is tuned to + SWL Workshop combining receiver control and access to frequency data files and logging facilities + flexible NRD memory management facilities + analysis and processing of received signal strength + long term timer programming facilities + direct receiver control

## **UPDATE FOR CLUSTERMASTER**

\\HAMV2\PACKET\I0JXUPD1

UPDATE FOR CLUSTERMASTER (HAM RADIO PACKETCLUSTER)

## **VE2GYB v5.0**

\\HAMV2\LOGS\VE2GYB50

VE2GYB/Windows v5.0 is a multi-lingual Ham (radio-amateur) logging, map, gray line, DXCC, beam/direction, photo viewer software. Ready to work in: english, french and spanish. Less than 45 minutes needed to translate in other languages. Allows to directly import amateur databases from the Internet (currently USA and Canada). Works on 386 and above with 2Mb of RAM or more.

## **VHF-LOG VHF/UHF Logging Software for Windows 95 -N8VEA**

\\HAMV2\VHF\VX4064

VHF-LOG VHF/UHF Logging Software for Windows 95 -N8VEA

## **Virginia Frequency Lists**

\\HAMV2\FREQLSTS\VIRGINIA

## **VisualRadio**

\HAMV2\SWL\VRDEMO

Welcome to the world of VisualRadio. VisualRadio is a program for controlling your Receiver/Transceiver and for the management of databases under Microsoft Windows. VisualRadio uses databases that are compatible with Microsoft Access and thus guarantees long years of use as well as continual upgrades. The underlying concept of VisualRadio enables you to learn and master the program quickly. In addition, with VisualRadio you can make your own entries and import the contents of other databases. VisualRadio can be used in a Windows-compatible network environment. The program is easy to use and master. Data from your receiver can be transferred into the database with a click of the mouse and is immediately accessible for modification. With a double-click of the mouse you can tune your receiver to the desired station in a matter of seconds. Database queries can be performed according to different criteria and combinations of criteria. VisualRadio is unique in that it allows you to define new fields in the database and to evaluate your databases in SQL-terms or directly in Microsoft Access. Additional functions, such as the automatic copying of broadcasts to hard disk or the scanning of channels at pre-set times, provide you with a wide range of possibilities for analyzing signals. Since VisualRadio uses the same „interface“ for all receivers, you don't lose time getting reacquainted with the program when you install a new receiver or receiver of another manufacturer. VisualRadio was originally developed for the Watkins-Johnson HF-1000 and is continually upgraded to accomodate new receivers and transceivers.

## **W95SSTV**

\HAMV2\FAX\_SSTV\W95P250

W95SSTV is a Slow-Scan Television program that uses your Level II Multimedia-compliant computer, and a 16-bit sound card to transmit and receive full-color SSTV images in various common modes.

## **West Virginia Frequency Lists**

\HAMV2\FREQLSTS\WVIRGINI

West Virginia Frequency Lists

## **WHEREIS V1.1**

\HAMV2\PACKET\WHEREIS

Returns the specified persons home bbs

## **Win7Plus**

\HAMV2\PACKET\WIN7PLUS

Windows version of 7Plus - G7MYO

## **WinConvers-1.1.62**

\HAMV2\PACKET\WINCONVE

A 32-bit convers client for amateur packet radio. The convers network is similar to IRC, and operates on port 3600 on the Internet and amateur packet radio TCP/IP network.

## **Windows Satellite Tracker v5.2**

\HAMV2\SATELLIT\LOGSAT52

Windows Satellite Tracker v5.

## **WinDXmon**

\HAMV2\PACKET\WINDXM~1  
WinDXmony

## **WINLINK VERSION 1.3**

\HAMV2\MISC\WINLINK

WinLink is a contraction of APLink for Windows. It is based on the earlier MS-DOS program AmTOR/Packet Link (APLink)[WINLINK]. WinLink adds to APLink the capability of using other modern HF digital modes. Currently supported are CLOVER and PacTOR in addition to AmTOR. In addition, several different modes and multiple ports of the same mode are possible simultaneously.

## **WinOrbit 3.3**

\HAMV2\SATELLIT\WINORB34

An artificial earth-satellite tracking and display program for Windows 3.1, OS/2 or Win95. May also work with WinNT.

## **WINPACK - WINDOWS 95 - BPQ & BAYCOMMODEM**

\HAMV2\PACKET\WINPBAYC

WINPACK - WINDOWS 95 - BPQ & BAYCOMMODEM

## **Winpack htm gif library**

\HAMV2\PACKET\HTMLIB

This is the first version of the Winpack htm gif library. The idea of this is we all have a common list of gif files. So we can send html text files using images and know that the file will be available at the viewing end.

## **WinPack Log Stats V2.0 HTML Special**

\HAMV2\PACKET\WINPLOG4

Ok this is a program I wrote just to give me an idea of the ammount of times I connect to certain stations. The program uses the information contained in Winpack autolog.txt to do it's analysis. Now can be used as a remote program through winpack. Will produce the output in html format

## **WinPack Update To V6.30**

\HAMV2\PACKET\UPDAT630

UPDAT630.EXE updates WinPack V6.xx to V6.30 (xx = any number).

## **WinPack V6.10**

\HAMV2\PACKET\WINP610

WinPack V6.10 - Unzip IMAGE610.ZIP into an empty directory or onto a 1.44Mb floppy. Run SETUP.EXE to install WinPack. Roger Barker, G4IDE 18 November 96

## **WinPix Pro**

\HAMV2\FAX\_SSTV\WINPIX18

This is a RECEIVE ONLY 30 day demo version of WinPix Pro (1.8) the SSTV program for Windows 3.1 and Windows 95.

## **WinpScape V1.3**

\HAMV2\PACKET\WINPSCAP

An option added to load a page into your browser. This allows you to create a local page with links on it that you can use for connecting to a BBS, or anything else that you can think of. (Loading a page into your browser using the browser's own menu options won't work, because the DDE links for the WinScape protocol types have to be set up after the page is loaded).

## **WinSkan SSTV**

\\HAMV2\FAX\_SSTV\WINSKANS  
WinSkan SSTV program

## **WireGrid for Windows v2.11**

\\HAMV2\MISC\WG\_211

This is the second release of the NEC pre-processor WireGrid for Windows (WinWire). WireGrid has been developed by EM Software & Systems in collaboration with the University of Stellenbosch (Stellenbosch, South Africa). We have used it for a number of practical modelling problems and found it extremely useful. The most useful feature is the automatic wiregrid generation feature for equivalent conducting surface modelling. We have many ideas for improving the code - but would appreciate contributions/suggestions from any person using WireGrid. We suspect that there could be a number of BUGS. We would therefore appreciate it if you can inform us of the BUGS you have encountered while using WireGrid.

## **WiSP**

\\HAMV2\SATELLIT\WISP1616

Thank you for using the Windows Driver for Satellite Rotors and Radios. This release supports the Kansas City Tracker / Tuner from L.L. Grace and the following radios: Yaesu FT-736R Kenwood TS-790, Kenwood TS-711, Kenwood TS-811 Icom IC-970, IC-820, Icom IC-275/IC-475, Icom IC-271/IC-471

## **WispPowerSaver**

\\HAMV2\SATELLIT\WPSDIS

As many Wisp users, unattended satellite earth stations have always their PC,transceiver,powersupply,rotor controller,TNC,PA,etc.. powered up, 24h/24h, even if there is no satellite above the horizon for hours. This costs you a lot of electricity over the year,and this is absolutely no good for your equipment. (i think we all agree !!!) Therefore i designed a solution called WPS (Wisp Power Saver (C) ) WPS is a hardware circuit using a microcontroller which will switch off all your equipment during the time that there is no satellite above the horizon. As soon as there is a satellite, WPS will wake up your complete hardware system (PC,transceiver,powersupply,rotor controller,TNC,PA,etc..) a few minutes before AOS. After LOS of the satellite it will shut down (sleep) your system after a user determined time and wake's it up again before the next AOS.

## **WXSat Version 2.3**

\\HAMV2\SATELLIT\INST230E

A Program to Decode Weather Satellite APT Pictures on a PC

## **XMLog**

\\HAMV2\HF\XMLOG127

XMLog is a logbook and packet program for Windows. The logbook window provides features for awards tracking (DXCC, WAZ and WAS) and the packet window provides features for the PacketCluster user. The logbook window also allows you to import files created by the CT contesting system.

## **XPWare Terminal program**

\\HAMV2\PACKET\XPWIN114

XPWare Terminal program for Windows (evaluation copy)- KF7XP

## **Y2KHAM**

\HAMV2\MISC\G1SMD

The Year 2000 is coming and many Amateur Radio operators and computer users are still very much in the dark as to how it will affect them and the software that they use. This short guide and list of recommendations hopes to put that right.

## **Yaesu FT890 transceiver - 9H1JS Control Program**

\HAMV2\RIGCTRL\CATSCAN

Computer control for the Yaesu FT890 transceiver - 9H1JS

## **Yagi Antenna Analysis & Optimization**

\HAMV2\ANTENNA\YAGIU112

Yagi Antenna Analysis & Optimization - G8WRB

## **YagWin**

\HAMV2\ANTENNA\YAGWIN

The YagWin is a demo of Yagi antenna modeling and analysis program for Windows. It allows the user to change the antenna element dimensions and positions by the use of scroll buttons, and simultaneously display resultant radiation pattern, gain, etc.

## **ZDRIVE V1.1**

\HAMV2\PACKET\ZDRIVE

Allows you to add another public directory to winpack's file server