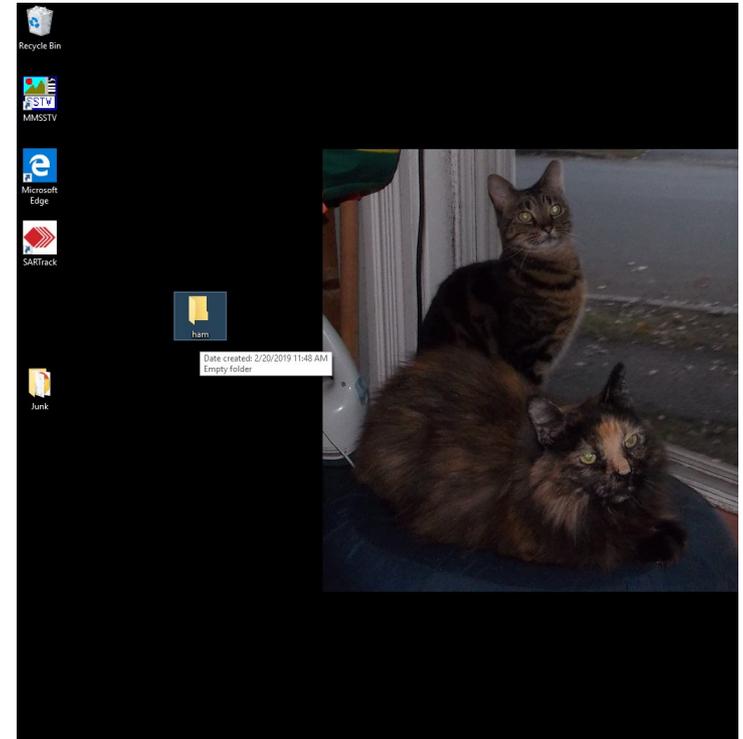
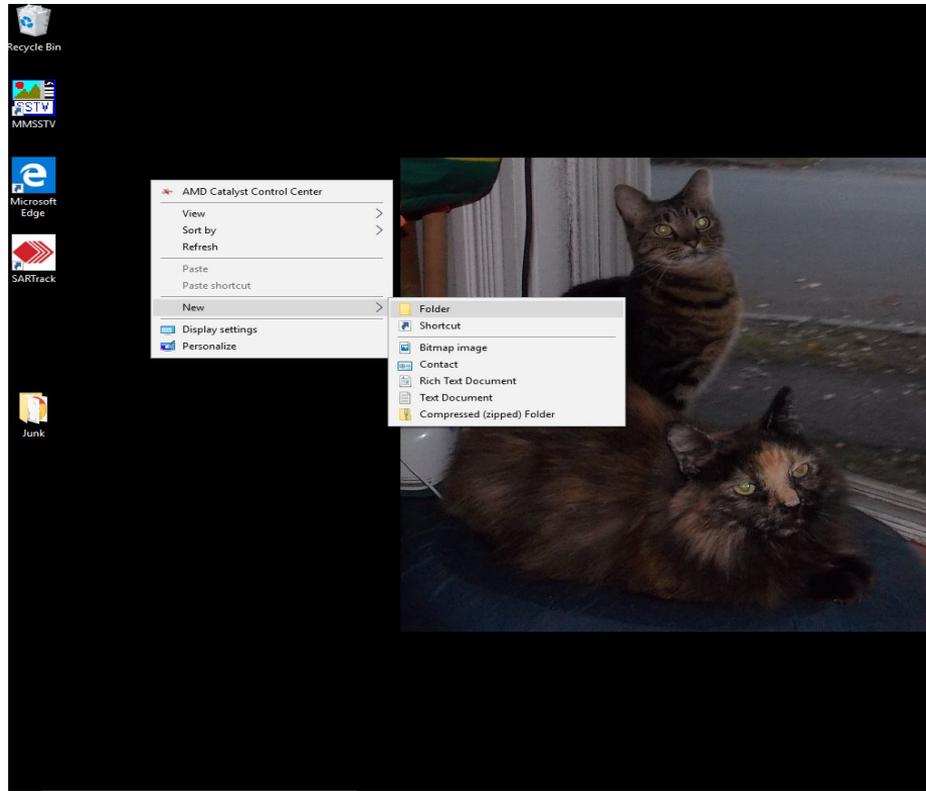


# UZ7HO Packet Software

<http://uz7.ho.ua/packetradio.htm>

# Create a “New....Folder” on the Desktop, name it “ham”



UZ7HO Personal page - Packet-R x

Not secure | uz7.ho.ua/packetradio.htm

Apps WE1U.us David's H... fldigi - Browse Files...

# UZ7HO

Home | Contesting | Guestbook | Log search | Packet-Radio

**Solar-Terrestrial Data**  
 20 Feb 2019 1927 GMT  
 SFI: 68 SN: 0  
 A-Index: 3  
 K-Index: 0  
 X-Ray: <A1.0  
 304A: 96.2 @ SEM  
**Calculated Conditions**  

Band	Day	Night
80m-40m:	Good	Good
30m-20m:	Poor	Poor
17m-15m:	Poor	Poor
12m-10m:	Poor	Poor

 Signal Noise: S0-S1  
 Click to Install Solar Data On your Web Site  
 Copyright Paul L. Herriman 2010

rttycontesting.com

IWW  
 РАДИОСВЯЗЬ НАЧАЛО  
 СЕТЬ + APRS

## The software Packet-Radio TNC

I am developing a software dual-port Packet-Radio TNC that uses a soundcard as a modem and supports AX.25 protocol. It has been tested on Windows XP, Vista, 7, 8, 10 and has proved stable in operation. The Soundmodem has two TCP/IP interfaces to link with client application: AGW PE and (X)KISS. In case of AGW PE interface, this modem is a direct replacement of original AGW Packet Engine and emulates AGW PE API. The Soundmodem may be used to build EMCOMM, APRS, BBS, Node station, for satellites etc. It supports such modes:

### Soundmodem

- AFSK 300, 600, 1200, 2400 bps
- (D)BPSK 300, 600, 1200, 2400 bps
- (D)QPSK 2400, 3600, 4800 bps
- (D)8PSK 4800 bps

### High-Speed Soundmodem

- G3RUH 4800, 9600, 19200 bps
- Manchester 1200, 2400, 3600, 7200 bps
- HAPN 4800 bps
- GOMX-1/3, Mobitex-NX (BeeSAT-2/4), AAUSAT-4, LilacSat-2 decoders

### UZ7HO SoundModem

Settings View Clear monitor About

Ch A 1700 Ch B 2200 DCD threshold Hold pointers

```

1:Fm KA0MOS To ID Via KJ4BIZ,K9VSO <UI F/C Pid=FO Len=75> [04:45:44R]
KA0MOS/VE1 NODE-k-a0mos-9 BBS-k-a0mos NETROM-k-a0mos-7 chat-k-a0mos-4 NS Canada
1:Fm KA0MOS-7 To NODES <UI F/C Pid=CF Len=7> [04:46:45R]
aBRGH20
1:Fm W6DAV-15 To K9VSO-1 <SABM P/C> [04:47:46R]
1:Fm KA0MOS To ID Via KJ4BIZ,K9VSO <UI F/C Pid=FO Len=75> [04:55:44R]
KA0MOS/VE1 NODE-k-a0mos-9 BBS-k-a0mos NETROM-k-a0mos-7 chat-k-a0mos-4 NS Canada
1:Fm KA0MOS To ID Via KJ4BIZ,K9VSO <UI F/C Pid=FO Len=75> [05:05:44R]
KARUDE/VE1 NODE-k-a0mos-9 BBS-k-a0mos NETROM-k-a0mos-7 chat-k-a0mos-4 NS Canada
    
```

dotnet-hosting-2.....exe  
 57.2/96.7 MB, 37 secs left

Show all x



Share with Friends: 458 2

Applications that supports Soundmodem or AGW PE:

<a href="#">checkers6.zip</a>	18-Aug-16 22:01	342.94K
<a href="#">chess10.zip</a>	18-Aug-16 22:02	355.82K
<a href="#">easyterm41.zip</a>	19-Sep-18 11:44	400.86K

Soundmodem, High-Speed Soundmodem, manuals and utility for soundcard correction:

<a href="#">CHANGELOG.txt</a>	18-Aug-18 03:07	8.6K
<a href="#">hs_soundmodem21.zip</a>	18-Aug-18 03:05	453.56K
<a href="#">other-versions.zip</a>	15-Feb-19 02:36	5.24M
<a href="#">soundmodem100.zip</a>	06-Apr-18 07:02	459.99K
<a href="#">user_guide_v045b_EN.pdf</a>	11-Oct-13 19:13	1003.34K
<a href="#">user_guide_v045b_FR.pdf</a>	11-Oct-13 19:13	333.12K
<a href="#">utils.zip</a>	28-Feb-15 04:59	68.21K

Get the latest  
easyterm and  
soundmodem  
zip files.

If you like the program and wish to make a donation, just send me an [E-Mail](#) to get more information how to do it.

Many thanks for donations to: VK2HL, EU1XX, G7OMN, VE3NFK, VK6UFO, DK3WN, KA3YAN, NS7C, G7GQW, JA0CAW, KB6BT, VU3TYG, K7TMG, PE0SAT, UZ2HZ, HB9IAQ, SV1UY, KB3IUU, VK2NA, RC8SB, G1ZRN, VU3KAZ, W5PFG, IW0HLG, NM5RM, JR2LLI, VA7RBP, ON6MU, K7MT, W4TTU, SM0TGU, KQ9P, F5FJ, WA4SCA, W7KKE, F4BPP, VK3YEA, G4IRX, F6GIA, PD1AEM, RV3APM, DF2DAN, EW7AS, KA0WFI, IN3GIN, N5MNX, IW1DTU, PD0OXW, N5WOI, DC4DC, VE4RRB, KO4OP, K6DUX, KM4WWX, OE60200755, W7BOT, KC1EFP, KG7EMV, I3EEL, W8MSD, KC4LE, KE0GB, K2MO, SV1WE, "Hellas Radio Club", SV8BUR, HB9AUR, UX5UL, AD7NP, PV8DX, ZR1ADC, KJ4RDP, N0BBD, KK4SHF, KB6LTY, 3B8DU, DS1STU, SK4PB, KE0EE, G7E VW, W9BOO, ZL1WN, VK3HBF, W2RTV, ZL2TWS, IU2JWG

[Home](#) [Contesting](#) [Guestbook](#) [Log search](#) [Packet-Radio](#)

Untitled - Paint 3D

Menu Brushes 2D shapes 3D shapes Stickers Text Effects Canvas 3D library Paste Undo History Redo

Select Crop Magic select 3D view 100% Brushes

UZ7HO Personal page - Packet-Radio

Not secure | uz7.ho.ua/packetradio.htm

WE1U.us David's H... fldigi - Browse Files...

Share with Friends: f 458 t G+ v 2

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estbook Log search Packet-Radio

hs\_soundmodem21.zip dotnet-hosting-2.....exe Show all

Open when done

Always open files of this type

Pause

Show in folder

Cancel



File Explorer window showing the Downloads folder. The 'Extract' tab is active, and the 'easyterm41.zip' file is selected. The file list shows:

Name	Date modified	Type	Size
easyterm41	2/20/2019 1:46 PM	File folder	
soundmodem100	2/20/2019 1:45 PM	File folder	
easyterm41.zip	2/20/2019 11:43 AM	Compressed (zipp...	401 KB
soundmodem100.zip			

At the bottom of the window, it shows: 4 items 1 item selected 400 KB

Extract Compressed (Zipped) Folders dialog box. It prompts to 'Select a Destination and Extract Files'. The destination path is set to 'C:\Users\PC\_User\Desktop\ham'. There is a 'Browse...' button next to the path field. A checkbox for 'Show extracted files when complete' is currently unchecked. 'Extract' and 'Cancel' buttons are at the bottom.

File Explorer window showing a folder containing various files and folders. The file list includes:

.fldigi	Videos	11/22/2015 7:48 AM
.nbems	we1u.us	8/1/2018 7:10 PM
2018-NH-SET	audacity-manual-2.2.2.zip	9/12/2018 5:33 PM
antenna	audacity-win-2.2.2.exe	9/12/2018 5:34 PM
Avast	capture.wav	10/27/2018 11:44 ...
bin	dempsey2018.zip	8/8/2018 1:18 PM
CommanFair200	direwolf.exe	9/12/2018 5:33 PM
dc	direwolf-1.5-beta4.tar.gz	9/12/2018 5:35 PM
GIS	direwolf-1.5-win.zip	11/26/2018 8:46 PM
linux	direwolf-we1u-12-configs-usb1.zip	7/31/2018 7:34 PM
	easyterm41.zip	2/19/2019 8:58 PM

At the bottom, it shows: 27 items

Paint 3D application window titled 'Untitled - Paint 3D'. The interface includes a menu bar with 'Menu' and 'Brushes', and a toolbar with 'Select', 'Crop', and 'Magic select' options. The main canvas is currently blank with a white rectangular selection.



File Explorer window showing the Downloads folder. The 'Extract' tab is active, and the 'Compressed Folder Tools' ribbon is visible. The file list shows:

Name	Date modified	Type	Size
easyterm41	2/20/2019 1:46 PM	File folder	
soundmodem100			
easyterm41.zip			
soundmodem100.zip			

At the bottom, it shows '4 items 1 item selected 459 KB'.

7-Zip extraction progress dialog box:

93% complete  
 Copying 1 item from soundmodem100.zip to ham  
 93% complete

Buttons: Select, More details, Next, Cancel

Files will be extracted to this folder:

Show extracted files when complete

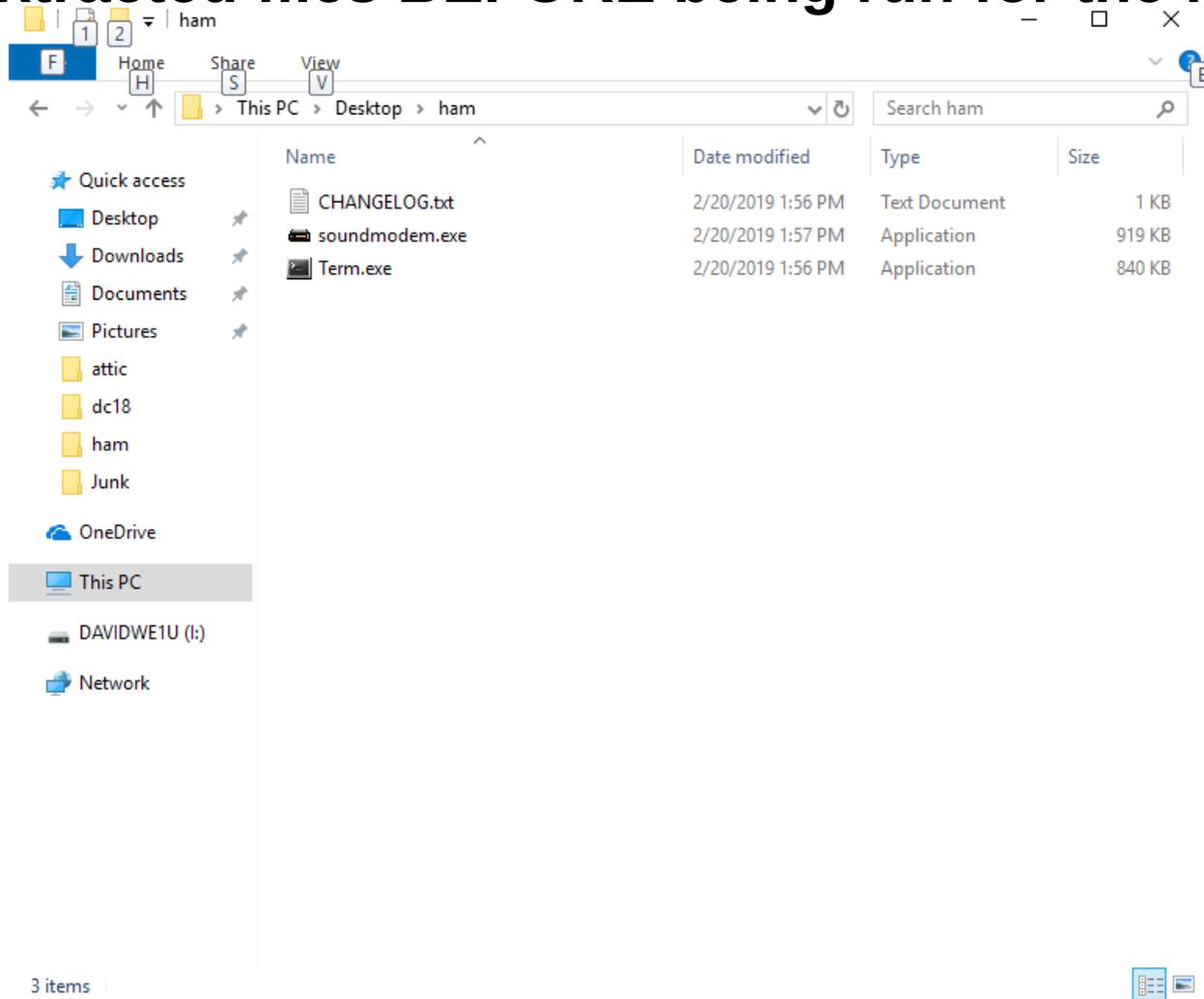
File Explorer window showing a file list:

.fldigi	Videos	11/22/2015 7:48 AM
.nbems	we1u.us	8/1/2018 7:10 PM
2018-NH-SET	audacity-manual-2.2.2.zip	9/12/2018 5:33 PM
antenna	audacity-win-2.2.2.exe	9/12/2018 5:34 PM
Avast	capture.wav	10/27/2018 11:44 ...
bin	dempsey2018.zip	8/8/2018 1:18 PM
CommanFair200	direwolf.exe	9/12/2018 5:33 PM
dc	direwolf-1.5-beta4.tar.gz	9/12/2018 5:35 PM
GIS	direwolf-1.5-win.zip	11/26/2018 8:46 PM
linux	direwolf-we1u-12-configs-usb1.zip	7/31/2018 7:34 PM
	easyterm41.zip	2/19/2019 8:58 PM

27 items

Paint 3D application window titled 'extractall-into-ham.png - Paint 3D'. The interface includes a ribbon with 'Menu' and 'Brushes' tabs, and a toolbar with 'Select', 'Crop', and 'Magic select' options. The main canvas is currently blank.

# Freshly extracted files BEFORE being run for the first time.



# After Running soundmodem.exe and Term.exe

The screenshot shows a Windows File Explorer window titled 'ham'. The ribbon includes 'Clipboard', 'Organize', 'New', 'Open', and 'Select' tabs. The left sidebar shows 'Quick access' with 'This PC' selected. The main pane displays a list of files and folders:

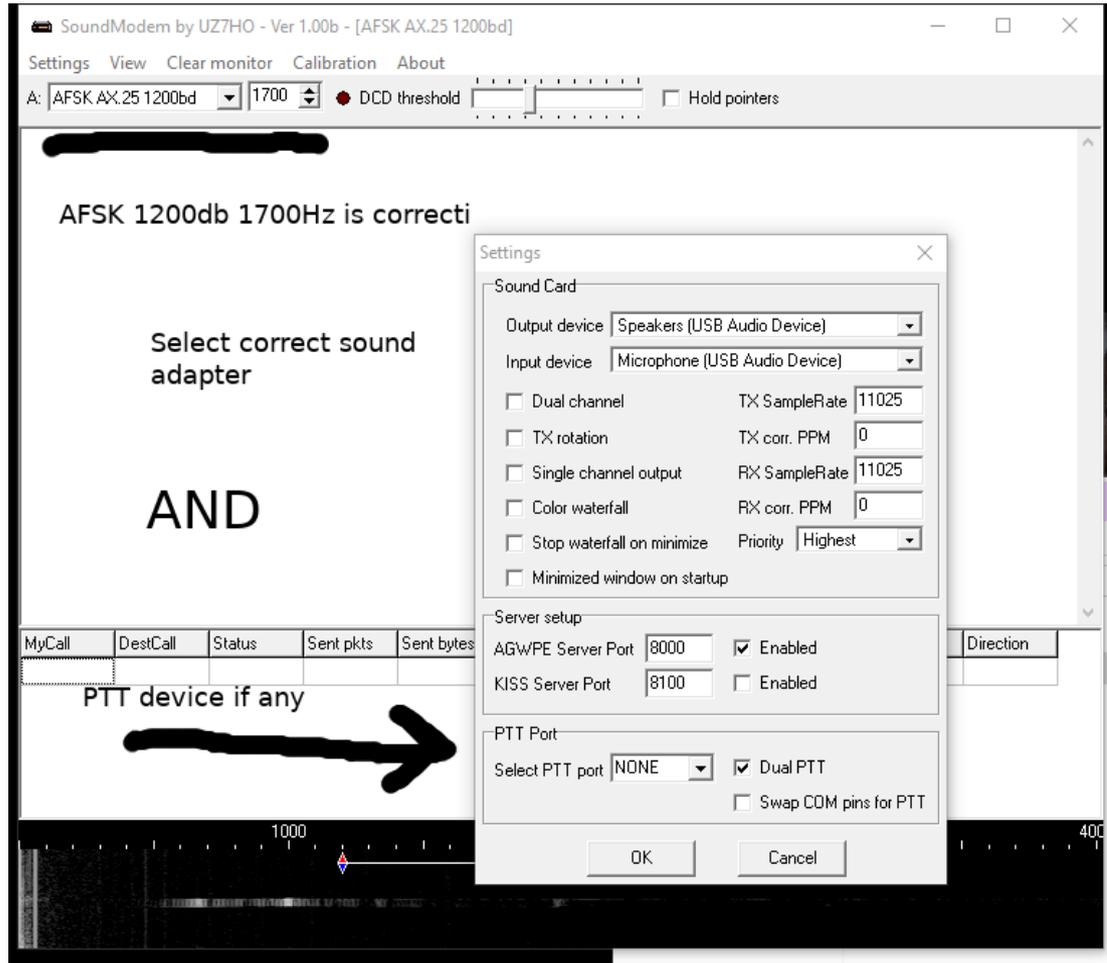
Name	Date modified	Type	Size
CHANNELS	2/20/2019 11:55 AM	File folder	
MAIL	2/20/2019 11:55 AM	File folder	
YAPP	2/20/2019 11:55 AM	File folder	
beacon.txt	2/20/2019 11:55 AM	Text Document	0 KB
bye.txt	2/20/2019 11:55 AM	Text Document	0 KB
callto.lst	2/20/2019 11:58 AM	LST File	1 KB
info.txt	2/20/2019 11:55 AM	Text Document	0 KB
mailbox.idx	2/20/2019 11:55 AM	IDX File	0 KB
mheard.lst	2/20/2019 1:43 PM	LST File	0 KB
soundmodem.exe	2/20/2019 11:46 AM	Application	919 KB
soundmodem.ini			2 KB
Term.exe			840 KB
term.ini			1 KB
welcome.txt			0 KB

The 'soundmodem.exe' file is selected, and its properties are shown in a tooltip:

- File description: Software PR-TNC for sound card
- Company: UZ7HO Software
- File version: 1.0.0.0
- Date created: 4/6/2018 4:57 AM
- Size: 918 KB

At the bottom left, it says '14 items'. At the bottom right, there are icons for 'View' and 'Refresh'.

Run soundmodem.exe first, use “Settings....Device....” to select you sound card/adapter  
And PTT if any

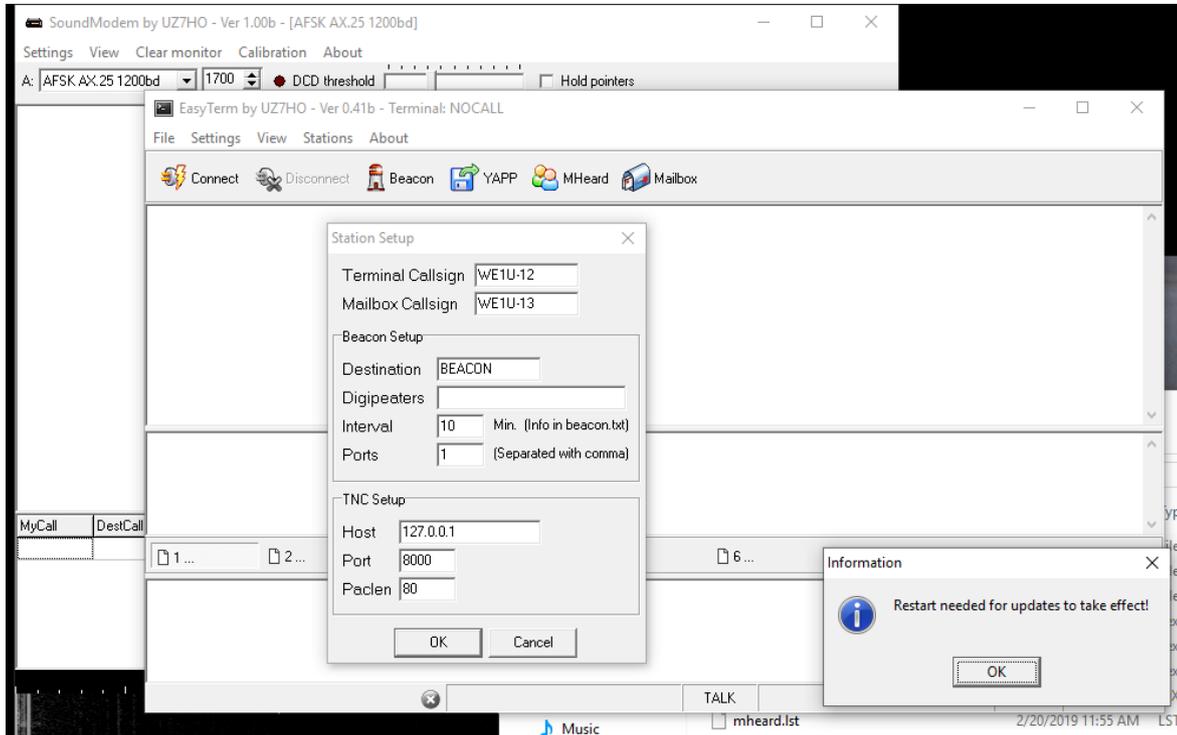


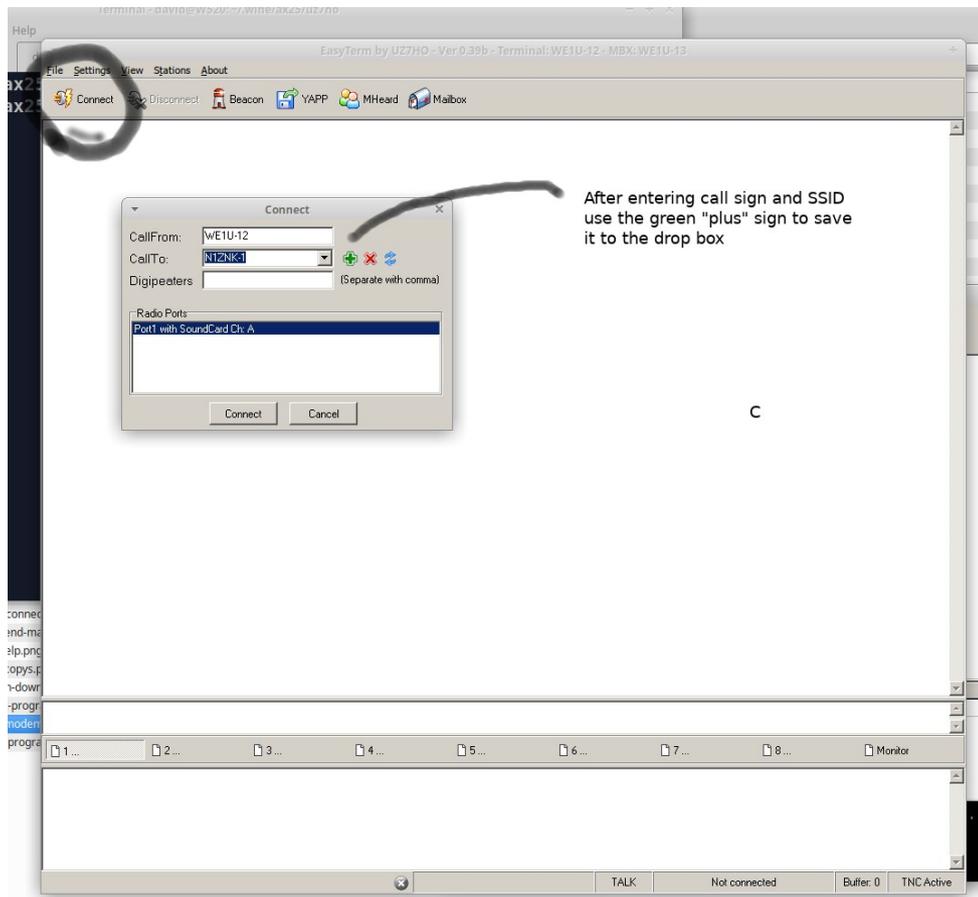
run "Term.exe" use "Settings....Station Setup" to enter your call signs and SSIDs(Secondary Station Identifiers )

I use WE1U-12 for my terminal and WE1U-13 for my mailbox

Close program and restart it for the settings to take effect

NOTE:Windows may "protect you" click on "More" so you can "Run Anyway"





After entering call sign and SSID use the green "plus" sign to save it to the drop box

C

EasyTerm by UZ7HO - Ver 0.39b - Terminal: WE1U-12 - MBX: WE1U-13

File Settings View Stations About

Connect Disconnect Beacon YAPP MHeard Mailbox

```

*** Connected to station N1ZNK-1 2/20/2019 5:44:09 PM
[KPC3-6.0-HMS]
3359 BYTES AVAILABLE
THERE ARE 6 MESSAGES NUMBERED 125-141
ENTER COMMAND: B,J,K,L,R,S, or Help >
:>Help
B(ye)          PBBS WILL DISCONNECT
J(heard)       CALLSIGNS WITH DAYSTAMP
J S(hort)      HEARD CALLSIGNS ONLY
J L(ong)       CALLSIGNS WITH DAYSTAMP AND VIAS
L [x [y] [:]  LIST MESSAGES x THRU y YOU CAN READ
L <|> call    LIST MESSAGES FROM OR TO CALL
LB            LIST BULLETINS
LC [cat]      LIST CATEGORIES
LL n          LIST LAST n MESSAGES
LM(ine)       LIST UNREAD MESSAGES ADDRESSED TO YOU
LO [+|-]     LISTING ORDER
LT           LIST TRAFFIC
LTn          DISPLAY LOCATION TEXT n=1-4
K(ill) n     DELETE MESSAGE NUMBER n
KM(ine)      DELETE ALL READ MESSAGES ADDRESSED TO YOU
R(ead) n     DISPLAY MESSAGE NUMBER n
RH n        DISPLAY MESSAGE n WITH HEADERS
RM(ine)     READ ALL MESSAGES ADDRESSED TO YOU
S(end) call  SEND MESSAGE TO callsign
S[B|P|T] call SEND BULLETIN, PRIVATE, or TRAFFIC
ENTER COMMAND: B,J,K,L,R,S, or Help >

```

N1ZNK-1 2... 3... 4... 5... 6... 7... 8... Monitor

```

S(end) call  SEND MESSAGE TO callsign
S[B|P|T] call SEND BULLETIN, PRIVATE, or TRAFFIC
ENTER COMMAND: B,J,K,L,R,S, or Help >

1:Fm WE1U-12 To N1ZNK-1 <RR R6 >[17:44:58]

```

TALK Link with N1ZNK-1 Buffer: 0 TNC Active

EasyTerm by UZ7HO - Ver 0.39b - Terminal: WE1U-12 - MBX: WE1U-13

File Settings View Stations About

Connect Disconnect Beacon YAPP MHeard Mailbox

```

RM(ine)      READ ALL MESSAGES ADDRESSED TO YOU
S(end) call  SEND MESSAGE TO callsign
S[B|P|I] call SEND BULLETIN, PRIVATE, or TRAFFIC
ENTER COMMAND: B,J,K,L,R,S, or Help >
:>J L
KB1ITI-2 > MBX      07/07/11 13:20:57
W1MA-1 > W1LH-6    07/09/11 06:52:09
K1ZMP > BURG      07/09/11 18:04:01
W1LH-6 > W1EMA-1   07/10/11 09:36:17
KX1EMA-15 > WD1O-15 07/10/11 13:08:24
N1REX-2 > N1REX    07/12/11 05:21:59
N1REX-10 > N1REX   07/12/11 05:23:29
N1ZRL > WE1U-12   07/12/11 05:31:40
W1&MA1-1 > KXWEMA-15 07/12/11 10:52:34
BURG > K1ZMP     07/12/11 17:54:35
N1ZNK > N1ZNK-1   07/12/11 20:15:59
KS1R-2 > WE1U-12  07/13/11 02:15:36
VIA N1ZNK
WE1U-13 > MBX      07/13/11 02:27:32
WD1O-15 > KX1EMA-15 07/13/11 04:33:42
N1ZRL-15 > KS1R-15 07/13/11 04:37:45
N1REX-15 > W1EMA-1 07/13/11 04:37:51
W1EMA-1 > KS1R-15 07/13/11 04:38:23
KS1R-15 > KX1EMA-15 07/13/11 04:38:37
WE1U-12 > N1ZNK-1 07/13/11 04:38:44
ENTER COMMAND: B,J,K,L,R,S, or Help >

```

N1ZNK-1 2... 3... 4... 5... 6... 7... 8... Monitor

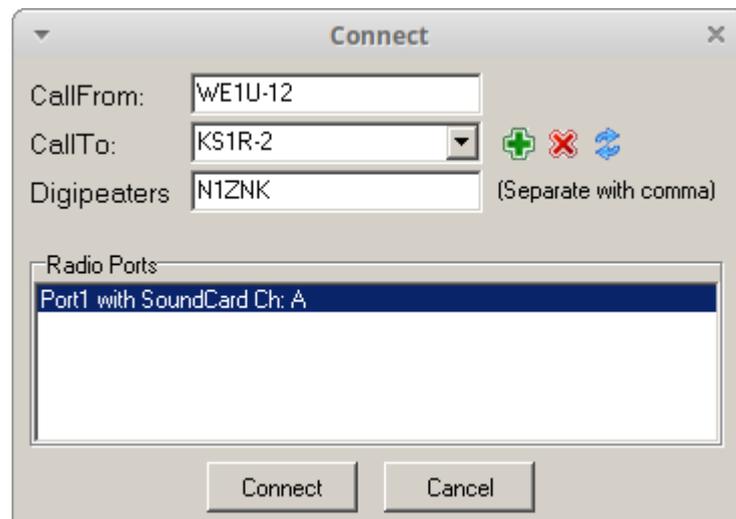
```

KS1R-15 > KX1EMA-15 07/13/11 04:38:37
WE1U-12 > N1ZNK-1 07/13/11 04:38:44
ENTER COMMAND: B,J,K,L,R,S, or Help >

1:Fm WE1U-12 To N1ZNK-1 <RR R3 >[17:46:26]

```

TALK Link with 1:N1ZNK-1 Buffer: 0 TNC Active



EasyTerm by UZ7HO - Ver 0.39b - Terminal: WE1U-12 - MBX: WE1U-13

File Settings View Stations About

Connect Disconnect Beacon YAPP MHeard Mailbox

```
*** Connected to station KS1R-2 2/20/2019 6:06:06 PM
[BPQ-6.0.18.1-IHJM$]
Hello David. Latest Message is 43, Last listed is 43
Please enter your Home BBS using the Home command.
You may also enter your QTH and ZIP/Postcode using qth and zip commands.
de KS1R>
```

KS1R-2 2... 3... 4... 5... 6... 7... 8... Monitor

```
may also enter your QTH and ZIP/Postcode using qth and zip commands.
de KS1R>

1:Fm WE1U-12 To KS1R-2 Via N1ZNK <RR P/F R2 >[18:06:08]
1:Fm WE1U-12 To KS1R-2 Via N1ZNK* <RR P/F R2 >[18:06:09]
```

TALK Link with 1:KS1R-2 Buffer: 0 TNC Active

```
EasyTerm by UZ7HO - Ver 0.39b - Terminal: WE1U-12 - MBX: WE1U-13
File Settings View Stations About
Connect Disconnect Beacon YAPP MHeard Mailbox

de KS1R>
:>Help
A - Abort Output
B - Logoff
CMSPASS Password - Set CMS Password
D - Flag NTS Message(s) as Delivered - D num
HOMEBBS - Display or get HomeBBS
INFO - Display information about this BBS
I CALL - Lookup CALL in WP Allows *CALL CALL* *CALL* wildcards
I@ PARAM - Lookup @BBS in WP
IZ PARAM - Lookup Zip Codes in WP
IH PARAM - Lookup HA elements in WP - eg USA EU etc
K - Kill Message(s) - K num, KM (Kill my read messages)
L - List Message(s) - L = List New, LR = List New (Oldest first)
    LM = List Mine L> Call, L< Call = List to or from
    LL num = List Last, L num-num = List Range
    LN LY LH LK LF L$ LD - List Message with corresponding Status
    LB LP LI - List Message with corresponding Type
    LC List TO fields of all active bulletins
LISTFILES or FILES - List files available for download
N Name - Set Name
NODE - Return to Node
OP n - Set Page Length (Output will pause every n lines)
PASS Password - Set BBS Password
POLLRMS - Manage Polling for messages from RMS
Q QTH - Set QTH
R - Read Message(s) - R num, RM (Read new messages to me)
READ Name - Read File
S - Send Message - S or SP Send Personal, SB Send Bull, ST Send NTS,
    SR Num - Send Reply, SC Num - Send Copy
X - Toggle Expert Mode
de KS1R>
```

---

```
KS1R-2 2... 3... 4... 5... 6... 7... 8... Monitor
um - Send Copy
X - Toggle Expert Mode
de KS1R>

1:Fm WE1U-12 To KS1R-2 Via N1ZNK <RR P/F R5 >[18:07:54]
```

TALK Link with 1:KS1R-2 Buffer: 0 TNC Active

# FYI...

Tucson Amateur Packet Radio  
Packet Radio Intro

[https://www.tapr.org/pr\\_intro.html](https://www.tapr.org/pr_intro.html)