Net Check In Using BBS Packet

WW5TOM 20251106

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Software Requirements:

    Packet Terminal Application

        Downloads – select one

            EasyTerm by UZ7HO (use with SoundModem) –
https://uz7.ho.ua/packetradio.htm

            Outpost Packet Message Manager – https://www.outpostpm.org/

            Other terminal application PuTTY –
https://www.chiark.greenend.org.uk/~sgtatham/putty/

    Packet Terminal TNC (terminal node controller) – select one

            Soundmodem – Software TNC – https://uz7.ho.ua/packetradio.htm

            Direwolf – Software TNC – https://packet-radio.net/direwolf/

Hardware Requirements:

    VHF / UHF / HF Radio

    Hardware Modem to connect radio to computer – if the radio does not have an internal modem

        Digirig Mobile - $50 – https://digirig.net/

        Digirig Cable for "your" radio - $30

        SignaLink USB - $120 (includes cabling) - https://tigertronics.com/

        Kantronics KPC3+ (includes TNC built in) - https://shop.kantronics.com/

Links:

Current List World Wide Packet BBS's

https://www.tprfn.net/network-how-to/current-list-world-wide-packet-bbs-s

Included in this list – ones I connect to

    WA5EOC-1 – 145.030 – WA5EOC.TX.USA.NOAM

    WA9JG-1 – 145.030 – WA9JG.#SETX.TX.USA.NOAM

    N5MDT-4 – 145.030, 7103.2 (VARA Terminal) – N5MDT.#STX.TX.USA.NOAM

TPRFN – The Packet Radio Forwarding Network – TPRFN is built upon the principles of amateur radio (ham radio) packet radio, which focuses on reliable digital data transmission over radio frequencies.
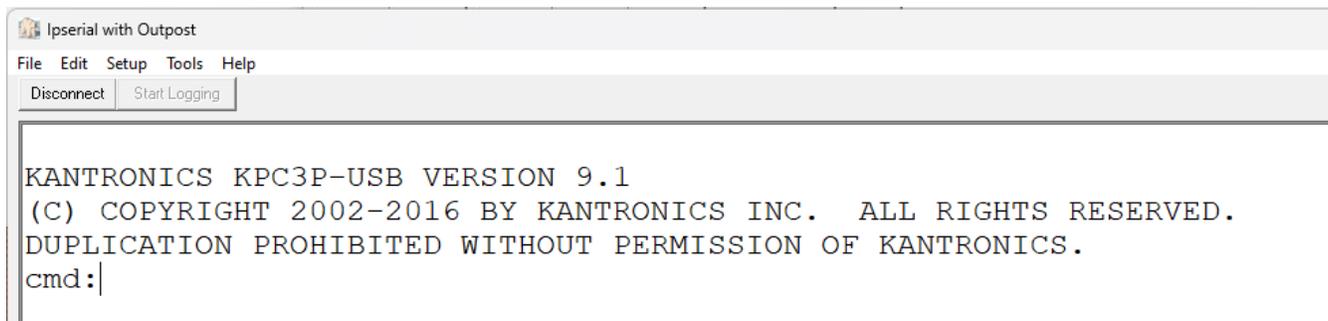
Example:

Connect radio to computer.

Start TNC.

Start Terminal

Connect to TNC using Terminal

Example: Connected to Kantronics using Outpost Terminal

```
Ipserial with Outpost
File  Edit  Setup  Tools  Help
Disconnect    Start Logging

KANTRONICS KPC3P-USB VERSION 9.1
(C) COPYRIGHT 2002-2016 BY KANTRONICS INC.  ALL RIGHTS RESERVED.
DUPLICATION PROHIBITED WITHOUT PERMISSION OF KANTRONICS.
cmd:
```

Example: Connected to Kantronics using PuTTY

```
COM5 - PuTTY                                    —    □    ×
cmd:
```

Connect to a BBS command cmd: c WA5EOC-1 –
        You may also use a digipeater – Example c wa5eoc-1 v conroe

```
cmd:ECHO was OFF
cmd:c wa5eoc-1
cmd:*** CONNECTED to WA5EOC-1
[BPQ-6.0.25.1-B2FWIHJM$]
Hello Tom Newsom, Latest Message is 6513, Last listed is 6341. 7 Active
Messages. Type H for help.
You have 0 new messages...WW5TOM de WA5EOC>
```

You can connect to any gateway Packet BBS to have it forward messages to the BBS destination you want using a fully qualified address. - Send a message to WA5EOC BBS address the message to callsign@WA5EOC.

For a list of BBS Commands type H for Help after connecting to the BBS.
Standard message for BBS Packet Check In is to SB send a bulletin (everyone can see it) or SP send personal – message is for the recipient.
SB – send bulletin
SP – send personal
LB – list bulletins
LM – list mine
B – bye (disconnect)

Example:

```
Ipserial with Outpost                                                    —   □   ×

File  Edit  Setup  Tools  Help

Disconnect    Start Logging                                                  A │ A

cmd:c wa5eoc-1 v conroe
cmd:*** CONNECTED to WA5EOC-1 VIA CONROE
[BPQ-6.0.25.1-B2FWIHJM$]
Hello Tom Newsom, Latest Message is 6514, Last listed is 6341. 8 Active
Messages. Type H for help.
You have 0 new messages...WW5TOM de WA5EOC>
sb all@wa5eoc
Enter Title (only):
ARES of MoCoTx Net Packet Check In
Enter Message Text (end with /ex or ctrl/z)
Hi Max,

Please check me in to the net.

73, Tom, WW5TOM
/ex
Message: 6515 Bid:  6515_WA5EOC Size: 62
WW5TOM de WA5EOC>
lb
6515    06-Nov BN       62 ALL     @WA5EOC WW5TOM ARES of MoCoTx Net Packet Check
In
6514    06-Nov BN       35 ALL     @WA5EOC WW5TOM Test Packet Message to ALL
6513    05-Nov BN      718 ALL             K5ABX  Mo Co ARES Net Check In
6512    05-Nov BN       24 ALL             KE5STR 4 Nov 25 ARES Chk In BBS Packet
6511    05-Nov BN       62 ALL     @WA5EOC WW5TOM ARES of MoCoTx Net Packet Check
In
6510    04-Nov BN       74 ALL             N5KWN  Net checkin
6509    04-Nov BN       54 ALL             W5MAX  MoCo ARES Packet check In
6508    04-Nov BN       62 ALL             K5DLD  ARES Net
WW5TOM de WA5EOC>
b
73 de WA5EOC
*** DISCONNECTED
cmd:
```
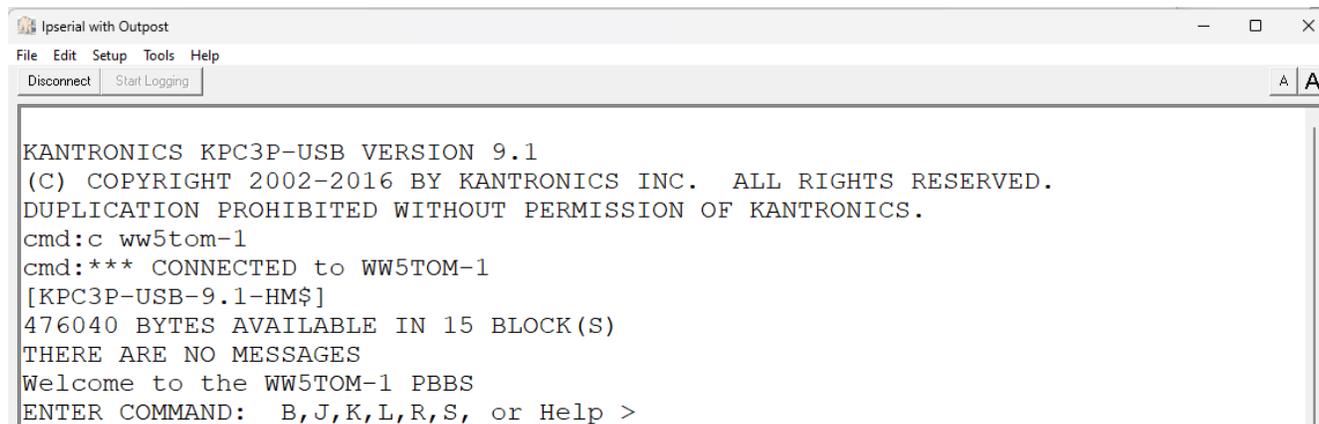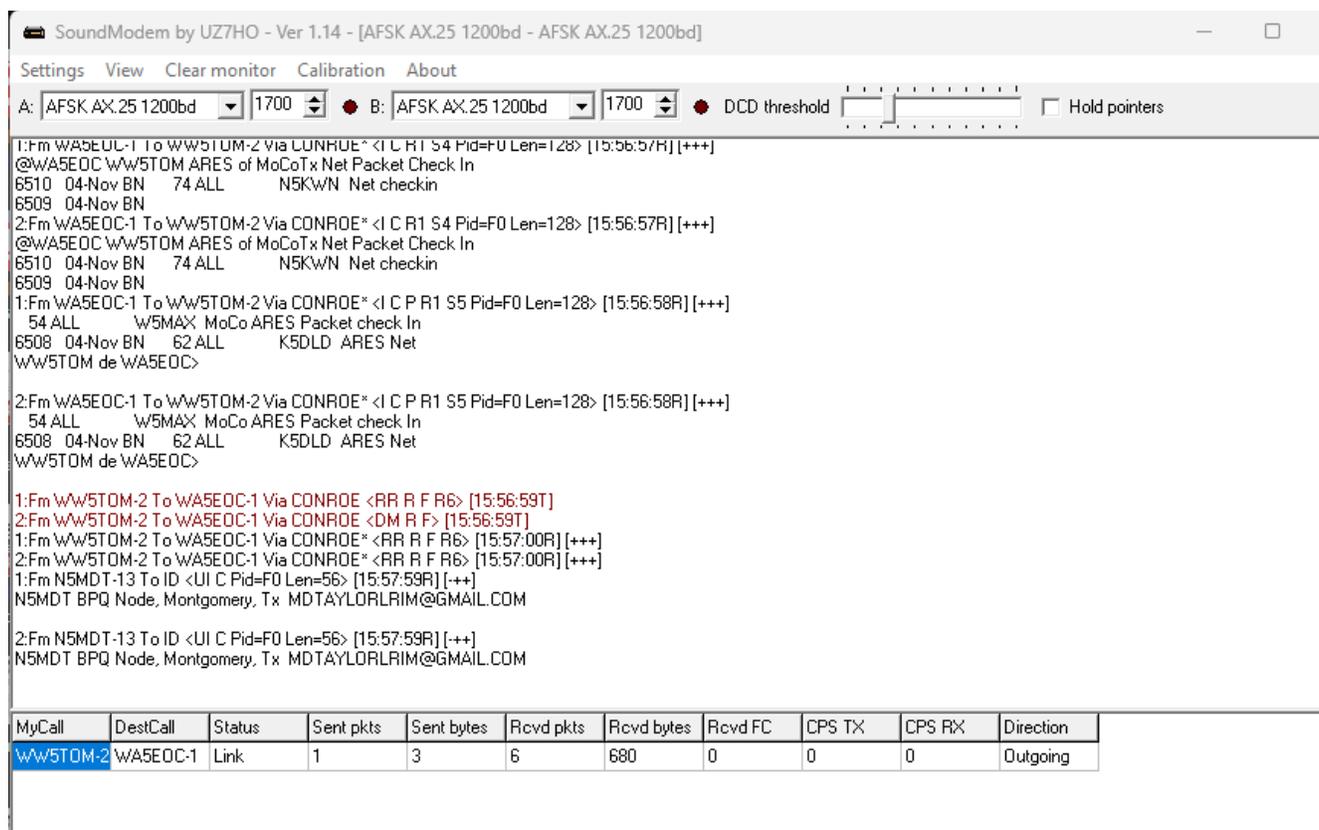
The Kantronics KPC3+ has a BBS built in. EasyTerm also has a configurable Packet BBS.

Connecting to my Kantronics KPC3+ directly using my computer. With my Kantronics connected to my radio anyone can connect to my BBS. c ww5tom-1 (when my Kantronics is connected to my radio)
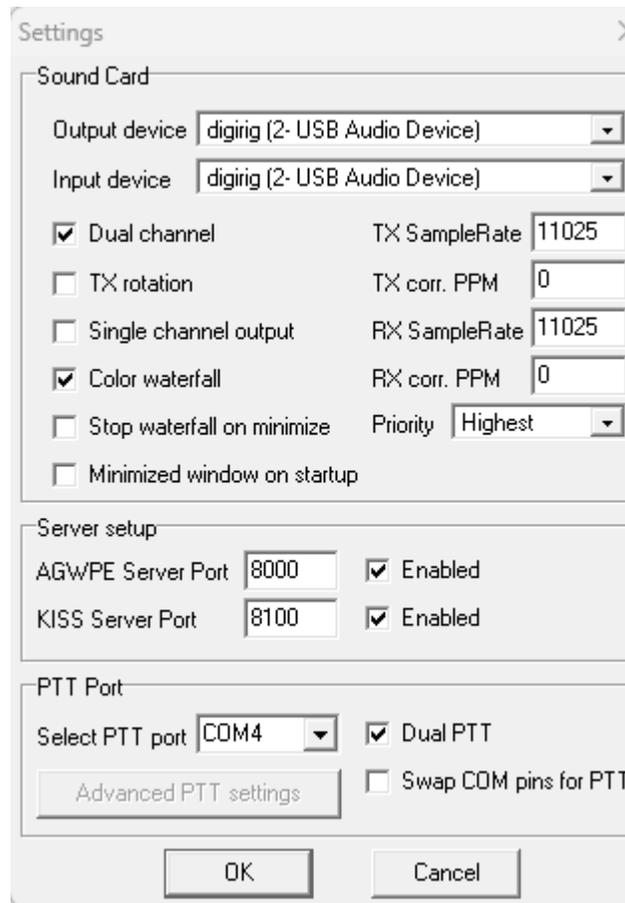

Connecting to a BBS Packet using a software TNC. You will need a sound card – digirig, SignaLink, similar or modem built into your radio. Configure settings to connect to your Sound Card.
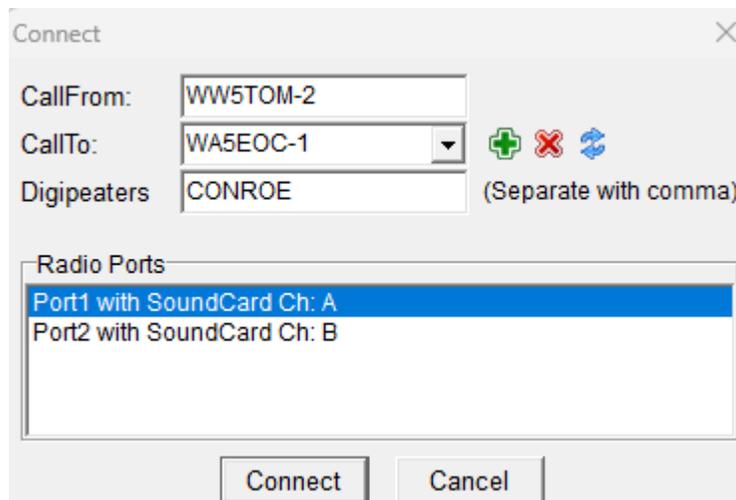
Start SoundModem

Configure SoundModem – Set PTT port so the software can transmit

Start EasyTerm – Connect -

After connected you may enter BBS Commands – below lb – List Bulletins.

```
EasyTerm by UZ7HO - Ver 0.49b - Terminal: WW5TOM-2 - MBX: WW5TOM-3        —  □  ✕

File  Settings  View  Stations  About

  Connect    Disconnect    Beacon    YAPP    MHeard    Mailbox

Hello Tom Newsom, Latest Message is 6514, Last listed is 6341. 8 Active Messages. Type H for help.
You have 0 new messages...WW5TOM de WA5EOC>
:>lb
6514    06-Nov BN     35 ALL     @WA5EOC WW5TOM Test Packet Message to ALL
6513    05-Nov BN    718 ALL             K5ABX  Mo Co ARES Net Check In
6512    05-Nov BN     24 ALL             KE5STR 4 Nov 25 ARES Chk In BBS Packet


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  WA5EOC-1   2 ...       3 ...      4 ...      5 ...      6 ...      7 ...      8 ...       Monitor

 2:Fm WW5TOM-2 To WA5EOC-1 Via CONROE <DM F >[16:03:01]
 1:Fm WW5TOM-2 To WA5EOC-1 Via CONROE <RR P/F R6 >[16:03:01]
 1:Fm WW5TOM-2 To WA5EOC-1 Via CONROE* <RR P/F R6 >[16:03:02]
 2:Fm WW5TOM-2 To WA5EOC-1 Via CONROE* <RR P/F R6 >[16:03:02]

  ✕              TALK       Link with 1:WA5EOC-1   Buffer: 0  TERM: ON  MBX: ON  TNC: ON
```

Comments / Suggestions
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https://aresofmocotx.org/tutorials/