Suggested Settings for the PK-232(MBX) TNC from AEA and TimeWave for Network 105 HF Packet.

The following edited tutorial is from Sholto Fisher, K7TMG.

While the PK-232MBX manual has everything you need to know about packet, it takes a bit of digesting. These days there really isn't any of the old packet software you can use reliably on a PK-232 and Windows 10. There are ways around this such as running DOSbox, but it is recommended that you start with a good terminal program.

Putty is free and available here: https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

Make sure the selected serial baud rate in the terminal program and the PK-232 is at the same speed otherwise you'll just see junk on the screen. That should get you to the point of being able to use the PK-232 in terminal mode.

If you don't see your characters when you type try using CTRL+C on the keyboard 3 times in a row. If that still doesn't do anything type ECHO ON and press return.

Next you'd want to make sure you have set your call sign so you could type this:
MYCALL N2ABC
MYMAIL N2ABC -1
MAILDROP ON

Next set your baud rate appropriate for HF:
HB 300
WIDE OFF
VHF OFF

Then some network parameters:
MAXFRAME 1
PACLEN 60
DWAIT 0
RETRIES 10
TXD 300

Then tune to 14.105.51 MHz LSB on your radio and set the threshold pot so that the red LEDS illuminate when you hear a packet and don't when there's just noise.

To monitor what is going on the frequency, type:
MON 6
MCON 0

This sets the TNC so that when you are not connected you're going to see any packet it can decode but when you are connected to a station you'll only see the packets from station you're connected to.

To connect to another station type:
C <call sign>

Example: To connect to KE0GB-7 you would type C KE0GB-7 and press return. If the connection succeeds you should be informed with a message.
To disconnect, type CTRL+C *(to get back to the command prompt)* then type D and press return.

To check your own mailbox use the command:
MDC

Run as much power as you can. Most stations are running at 100W.
Follow the examples in the PK-232 manual for more info and it will start to make sense.

73
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