

# Grid Down

TPRFN Network Direct Connection Options

# Not a Packet User? No problem

- Here is an option TPRFN recommends for direct traffic.
- This option has connection options for everyone
- AX25 w/UZ7HO Soundmodem, QTSoundmodem, Direwolf
- VARA HF
- VARA FM
- Offers PTT Options

# QTtermTCP

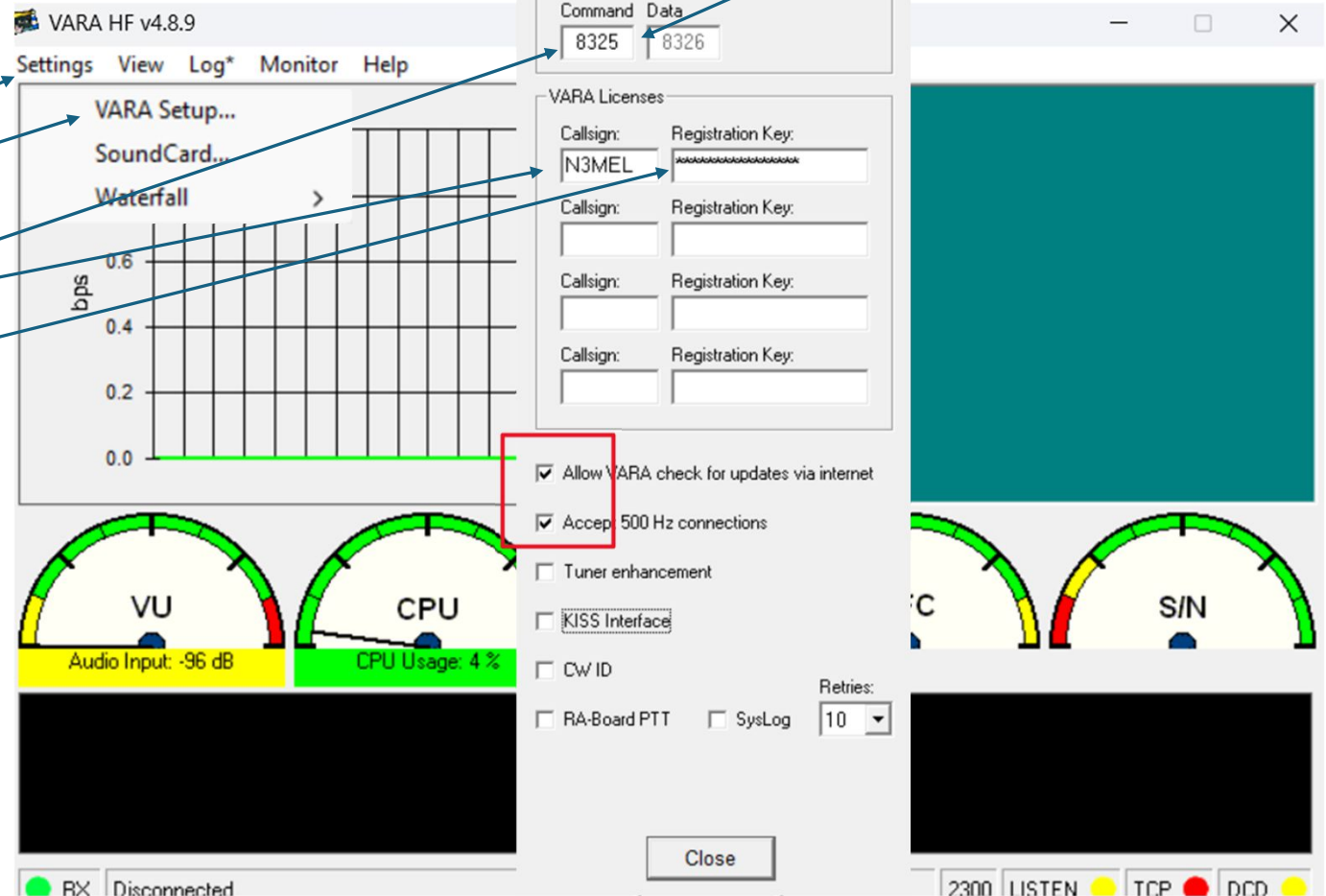
- Download the version you need below:
- For main file directory use this link:
- <https://www.cantab.net/users/john.wiseman/Downloads/Beta/>
- For Windows Users Use this link for direct download:
- <https://www.cantab.net/users/john.wiseman/Downloads/Beta/QtTermTCP64.zip>
- This software runs from the “Release” directory and does install in Windows.

# VARA Modem Download Link

- <https://downloads.winlink.org/VARA%20Products/>

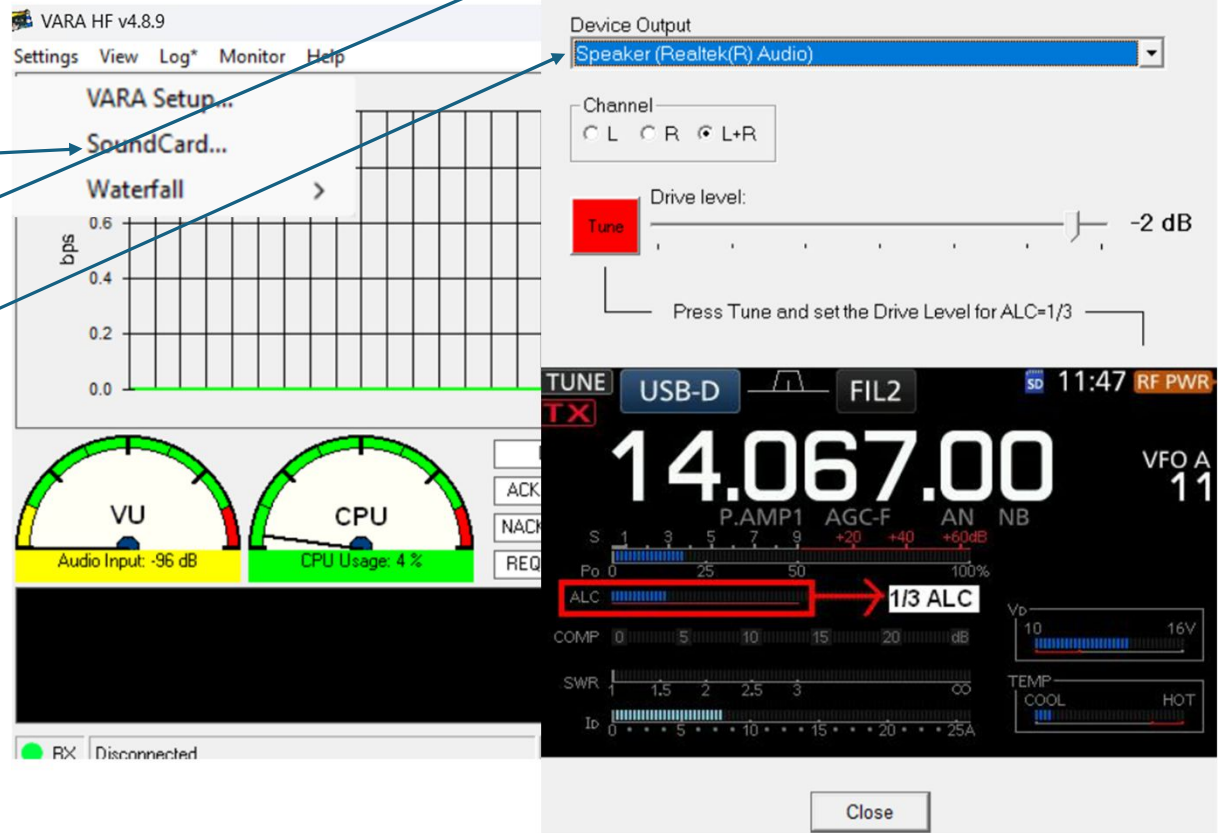
# VARA Modem Setup

1. Click Settings
2. VARA Setup
3. Set Command Port #
4. Enter your call
5. Lic # (if you have one)

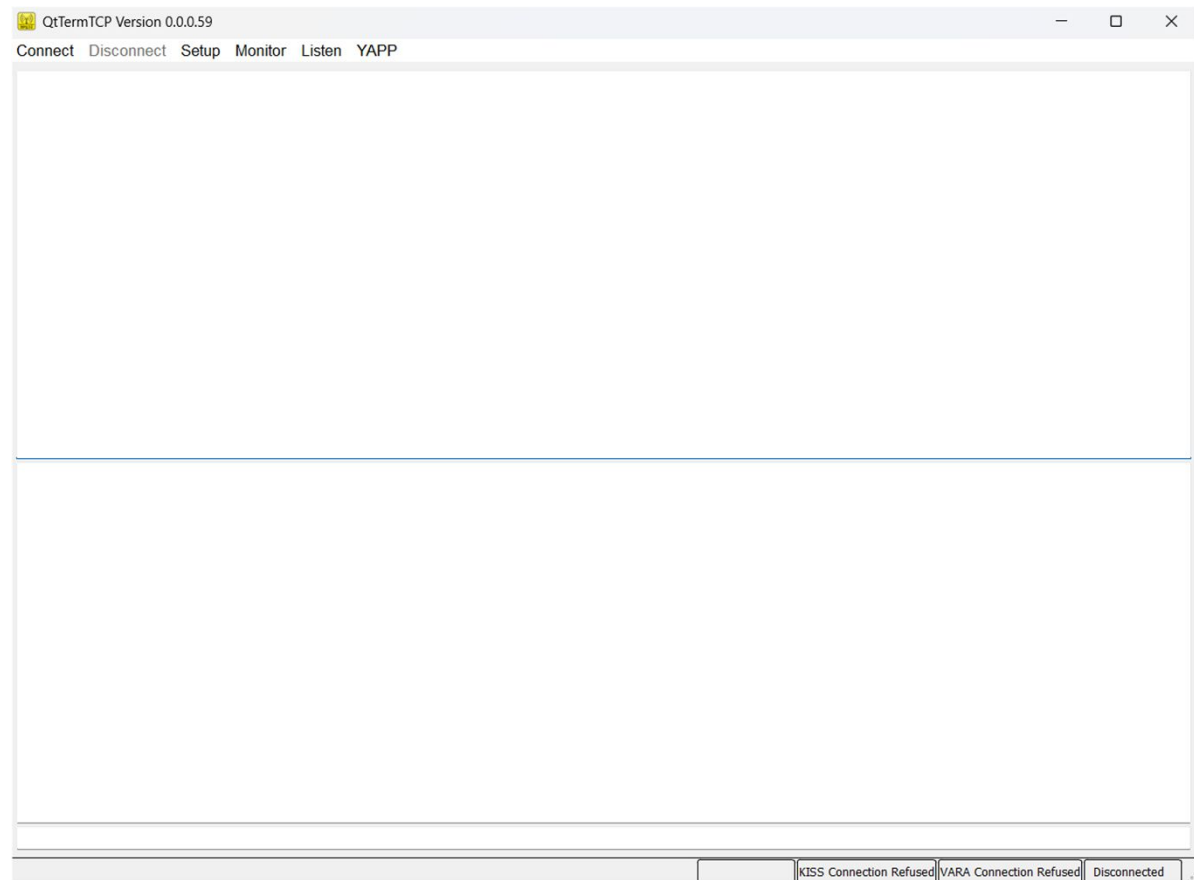


# VARA to Soundcard Settings

1. Click Settings
2. Click SoundCard
3. Select your Device Input
4. Select your Device Output

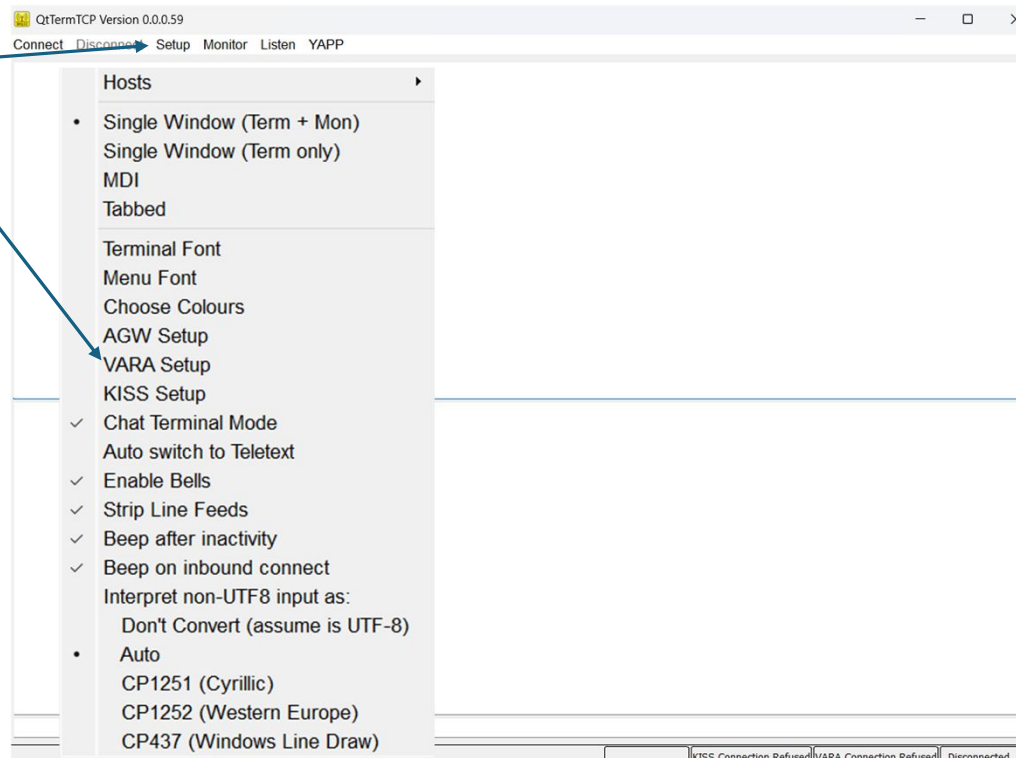


# Start QtTermTCP



# QTterm VARA HF Setup

1. Click Setup
2. Click VARA Setup
3. Next Page





# VARA Modem Setup

1. Enable VARA

2. Your Call

3. Select VARA Mode (VARA HF for TPRFN)

4. IP Path to modem

5. Port number you set in VARA

6. Software Start Path

7. Select PTT Option for your radio

8. Click OK & close QTterm

The image shows a 'VARA Configuration' dialog box with the following fields and settings:

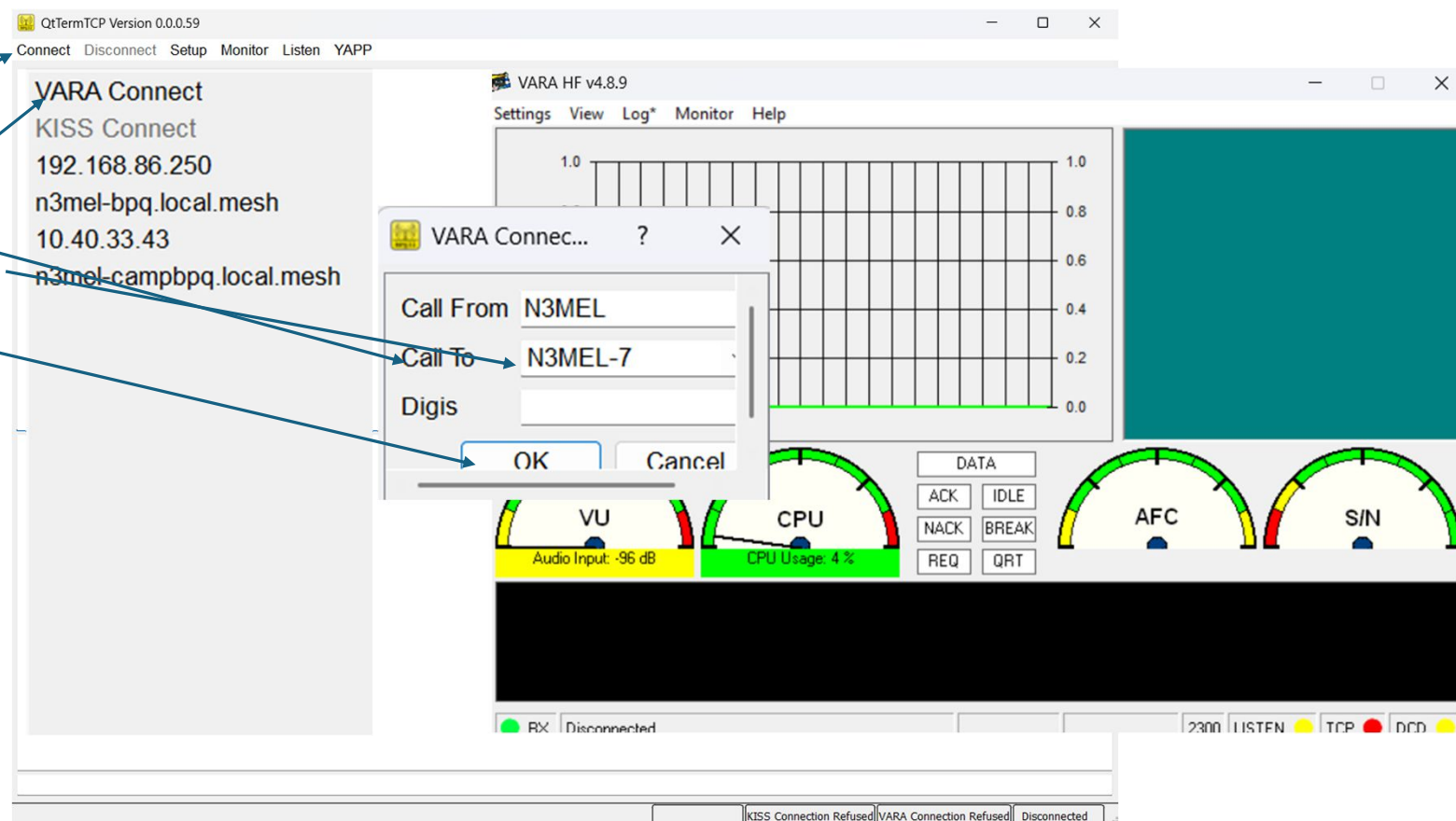
- Enable VARA Interface:** ☒ (Step 1 points here)
- Terminal Callsign:**  (Step 2 points here)
- VARA Mode:** ☐ VARA HF, ☒ VARA FM, ☐ VARA SAT (Step 3 points here)
- VARA FM Parameters:**
  - Host:**  (Step 4 points here)
  - Port:**  (Step 5 points here)
  - Path:**  (Step 6 points here)
- PTT Port:**
  - Select PTT Port:**  (Step 7 points here)
  - CM108 VID/PII:**
  - Select None for VOX:** (text label)
- Buttons:**  and  (Step 8 points to the OK button)

# Starting a VARA Connection

1. Click Connect
2. Click VARA Connect
3. In Call To box
4. Enter Call to connect to
5. Click OK

## Hub Station List

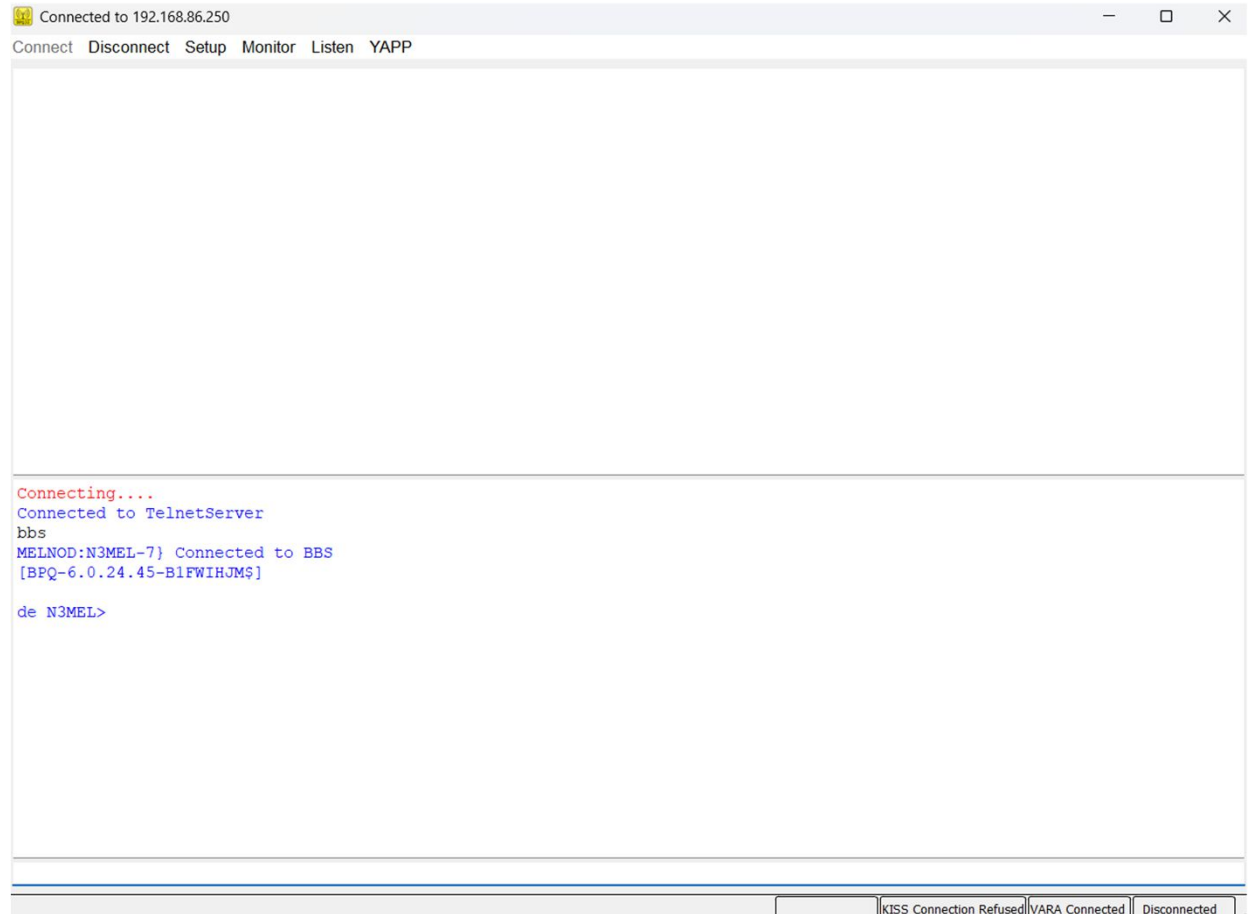
ME - W1DTX-4  
CT - K1AJD-7 (OFFLINE)  
CNY - KP3FT-4  
EPA - N3MEL-2  
DE - KA3VSP-1  
VA - KN4LQN-2  
FL - KD4WLE-3  
WI - K5DAT-1  
IN - WW6Q-1



# Connecting & Using TPRFN Hub Station

## Hub Station List

ME - W1DTX-4  
CT - K1AJD-7 (OFFLINE)  
CNY - KP3FT-4  
EPA - N3MEL-2  
DE - KA3VSP-1  
VA - KN4LQN-2  
FL - KD4WLE-3  
WI - K5DAT-1  
IN - WW6Q-1



```
Connected to 192.168.86.250
Connect Disconnect Setup Monitor Listen YAPP

Connecting....
Connected to TelnetServer
bbs
MELNOD:N3MEL-7} Connected to BBS
[BPQ-6.0.24.45-B1FWIHJMS]

de N3MEL>
```

KISS Connection Refused | VARA Connected | Disconnected

# Grid Down Check-in Instructions

1. Connect to a Hub Station that works best for you.
2. Address a new bulletin to: SB GRID@USA <enter>
3. Subject: Grid Down, your name, your town, your state, your grid <enter>
4. Message: What do you think of this grid down exercise? <enter>
5. End your message with /ex on a separate line <enter>
6. BPQ Command Sheet Link:
7. <https://cheatography.com/gcremerius/cheat-sheets/bpq-user-commands/>