



Technician License Course

Chapter 5

Section 5.3

Digital Communications



Data Modes

- Computer-to-computer communication
- Specialized modems
 - Terminal Node Controller (TNC)
 - Multiple Protocol Controller (MPC)
- Computer sound card software
 - Requires radio interface



Popular Digital Modes & Systems

- Radioteletype (RTTY)
- PSK31
- MFSK
- Packet Radio and PACTOR
- CW (International Morse)
- Automatic Packet Reporting System (APRS)

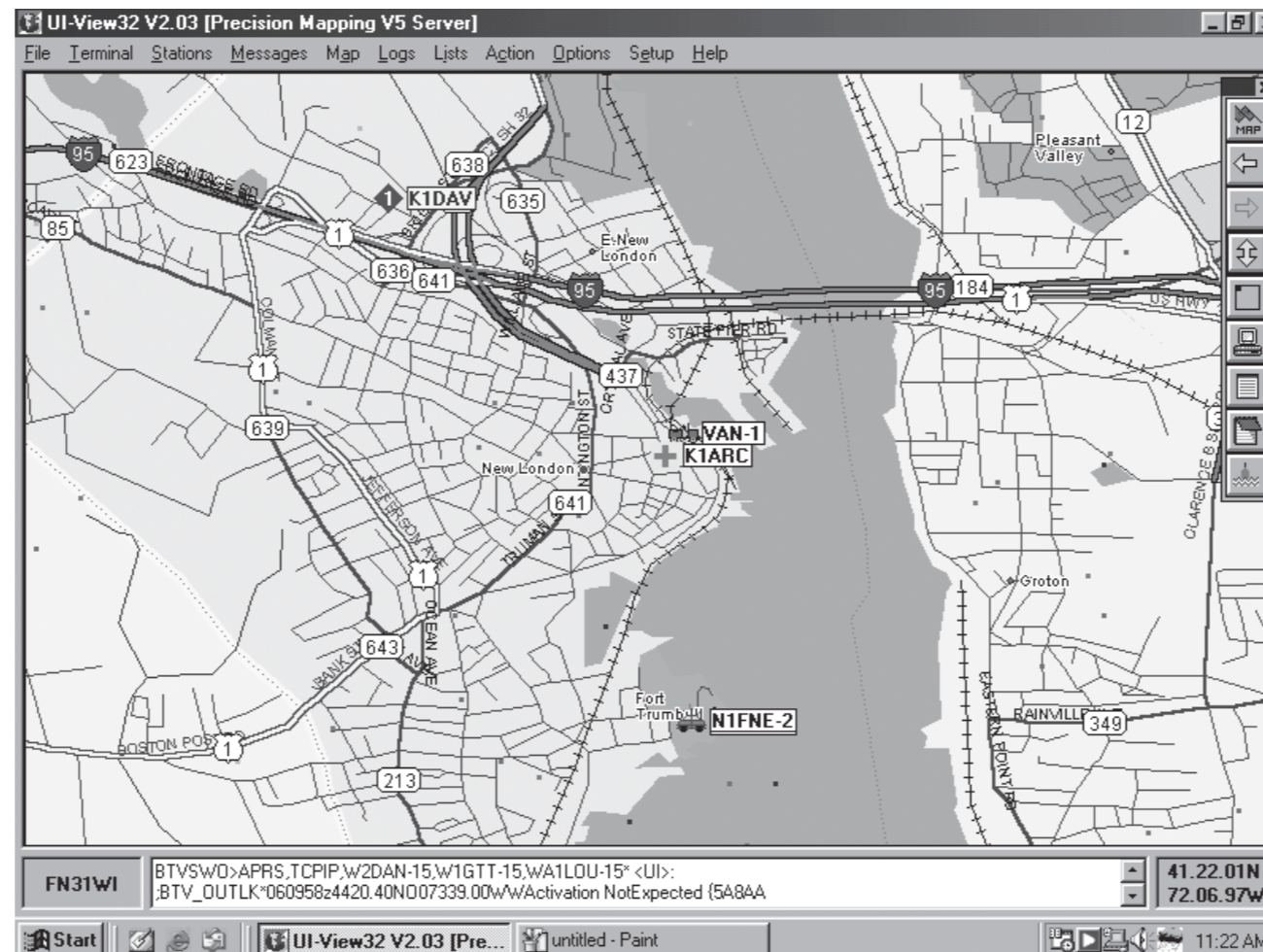


Popular Digital Modes & Systems

- FT8 & related digital modes of communication
- Winlink System
- WSJT Modes [physics.Princeton.edu/pulsar/k1jt](https://physics.princeton.edu/pulsar/k1jt)
 - FT4/FT8 – Most popular
 - JT9/JT65 – EME
 - MSK144 – Meteor Scatter
- Hamnet – Modified WiFi routers

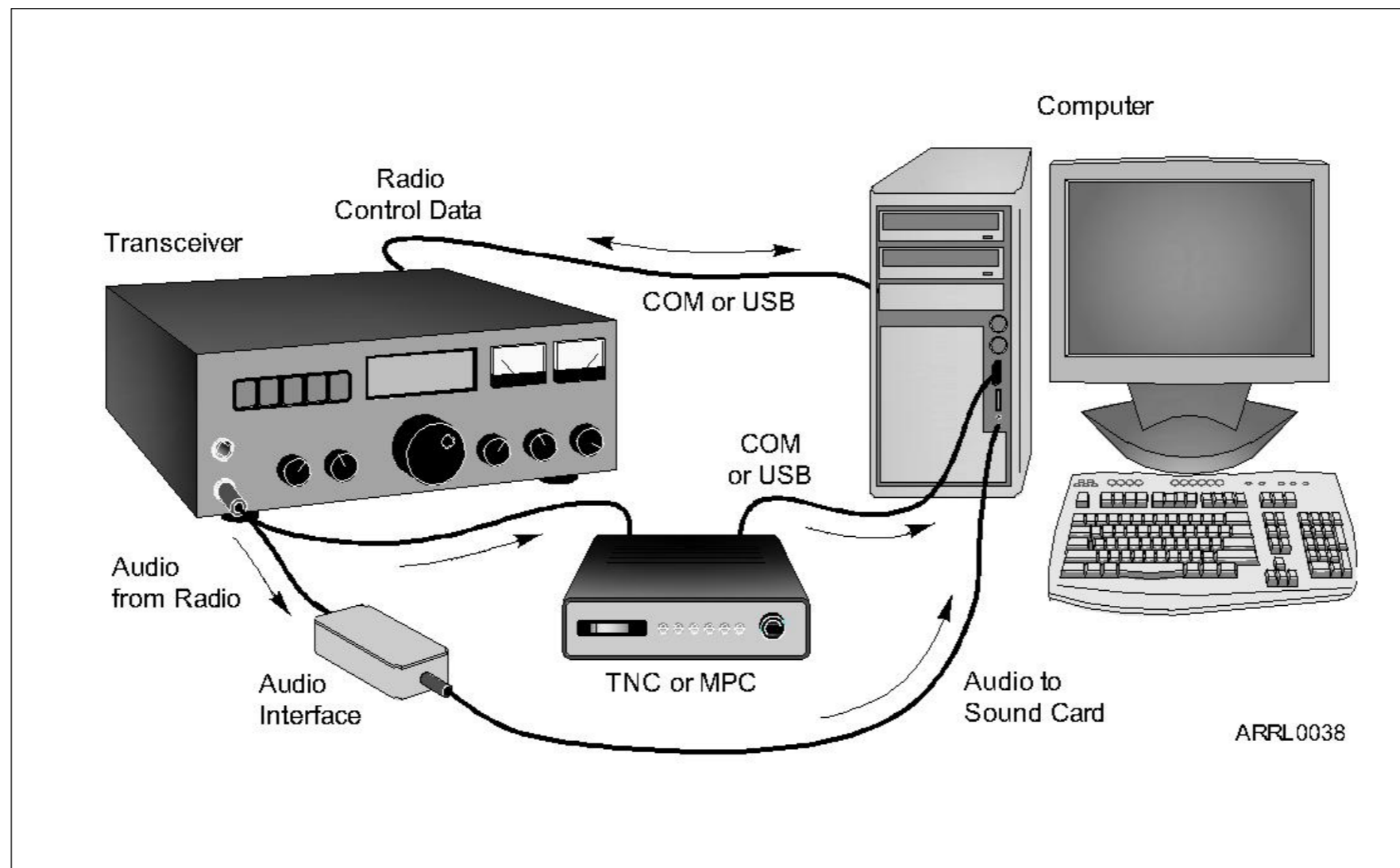


Automatic Position Reporting System (APRS)





Setup For Digital Modes





Winlink Internet Gateway

