# Winlink for EmComm

# A Presentation to Kendall Co. Amateur Radio Society Mark S. Harris / K9YXF

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What is Winlink?

Why is it important for Emergency Radio Communications?

# II. Primary Communication Protocols

Telnet, Peer to Peer (VHF), VARA FM, VARA HF

# III. Basic Client Setup - Winlink Express

Installation and Registration (Optional)

Folders

Contacts

# IV. VARA FM Sample Session

Simple Messaging (Radio Email through CMS servers)

Fill-out Forms

Attachments

# V. Emergency Use of an RMS Gateway

Sysop Requirements

RMS Relay Application Layer

Radio-only Hub Operations (Internet Not Required)

# VI. Resources, Training and Practice

Book:

Amateur Radio Digital & Voice Emergency Communications

Online Resources:

Winlink.org

WaveTalkers.com

Local Resources:

**ARES** 

**RACES** 

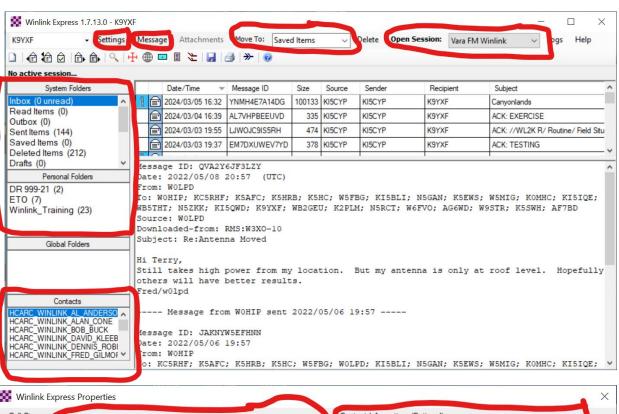
Volunteer Fire Departments

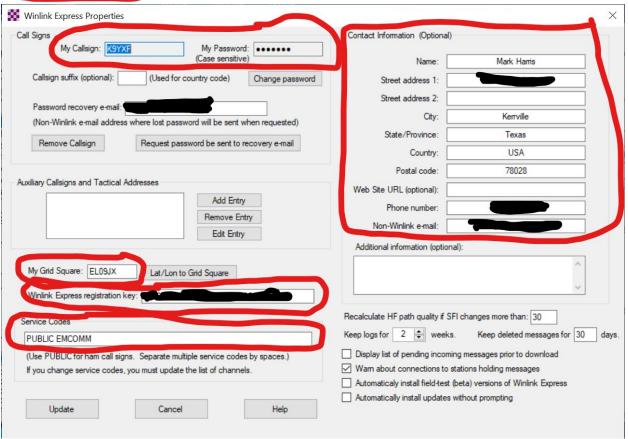
Practice:

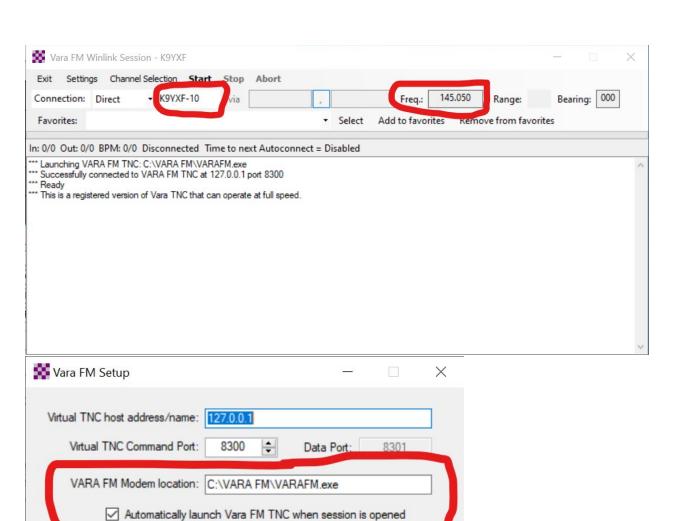
EmcommTraining.org

Emcomm-Training@groups.io

\*\*\* Create a local Winlink hub with scheduled exercises \*\*\*







Show Vara FM TNC screen when it's launched

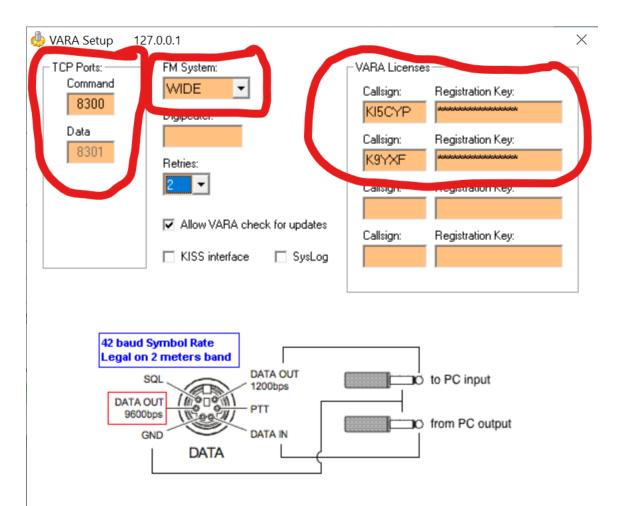
Automatically call when there are pending outgoing messages

Cancel

Automatic Calling

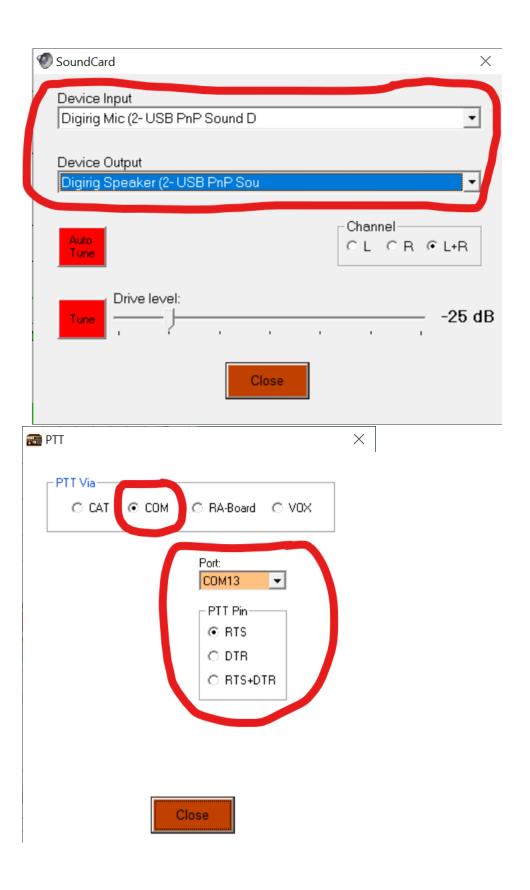
Autoconnect time: Disabled

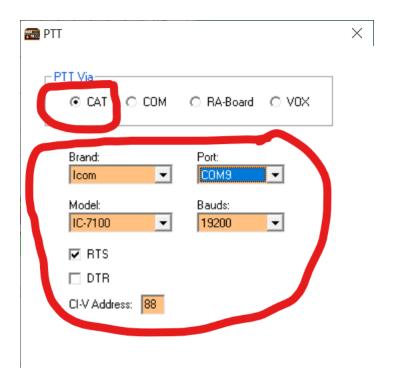
Update



- \* VARA FM WIDE needs a FM rig set for 9600 Packet operation, with a special soundcard interface (6 kHz BW) connected to rear panel: RA-Board, Signalink "Black" transforms, Modified Signalink (red audio transforms removed), homebrew interface (a simple direct cable)...
- \* In other case, you must select VARA FM NARROW







Close

