

## WINLINK PRACTICE

### EC-001

#### RESOURCE

Nitty Gritty of wiring up a Signalink: <https://qsl.net/kx4z/DigitalConnections.pdf>

1. If you have not done so, create a winlink account for your call sign.
2. if you are using HF you will find that WINMOR and ARDOP already exist
3. If you are using HF and you have a signalink, set up your WINMOR and ARDOP to function with your Signalink – choose the session type (WINMOR WINLINK or ARDOP WINLINK) , open the session, Settings, TNC Setup. Choose the proper sound devices (look for the word “USB”)
4. You can set up the RADIO (for electronic frequency control) later, presuming you have the proper cable.
5. if you are using VHF, and are using a soundcard, the modem protocols are NOT inside WINLINK EXPRESS. Download soundmodem.exe, and install. See instructions here;

#### RESOURCE: Soundmodem configuration

<https://www.qsl.net/nf4rc/UnderstandingAudioChannelConfiguration.pdf>

6. For HF, you will be connecting to station NF4RC – inside either a WINMOR or ARDOP session, go into CHANNEL SELECTION and then UPDATE TABLE VIA INTERNET, find NF4RC and note its frequencies.
7. For VHF you will be connecting directly to NF4RC-10, which will be on 145.030 FM Use low power please. Like 5 watts or less
8. For whichever mode you are using, verify that you can make a connection to the desired RMS server.
9. Create a simple message and send it to your own (non winlink) email address and verify that you received it.
10. Create a short email to “text” to your own cell phone. Use the following as your email address based on your carrier. Verify that you get it.

*T-Mobile* – number@tmomail.net  
•*Virgin Mobile* – number@vmobl.com  
•*AT&T* – number@txt.att.net

- Sprint** – number@messaging.sprintpcs.com
- Verizon** – number@vtext.com
- Tracfone** – number@mmst5.tracfone.com
- Ting** – number@message.ting.com
- Boost Mobile** – number@myboostmobile.com
- U.S. Cellular** – number@email.uscc.net
- Metro PCS** – number@mymetropcs.com

11. Pick another partner within the participants and create an email to that person, verify that both of you can receive emails from each other..

12. Create an email on your phone or computer and send to your WINLINK address. In your subject line, put as the very first characters the following:

//WL2K

which s designed to get around the WINLINK incoming spam filter. Remember this trick!

13. Now Create a new message to your partner, but when creating it, use SELECT TEMPLATE and send them an ICS-213 message. Verify that you both get each others' ICS-213

14. Now Create a new message to your partner, but use the RRI Radiogram Template

15. RADIO ONLY: Expect to get instructions on this.

16. SETTINGS | CONTACTS and add a contact to your contact list – or IMPORT the list that I have sent you as a text file.

17. If you haven't already, notice the OUTBOX that increments upward when you post a message – and then decrements when you make a connection.

18. Click on your Inbox, and Outbox

19. Create a TACTICAL ADDRESS that is your call sign in alphabetic characters “-EM” For example, KXFOURZ-EM.

**RESOURCE: Tactical Addresses**

Tactical addresses contain from 3 to 12 total characters. These are alpha characters only--unless they follow dash “-“ at which time they may be alpha OR numeric OR mixed. Examples:

TSA-EmComm1@winlink.org, TSAEmcomm-1@winlink.org, TSA-Rocket2@winlink.org, TSA@winlink.org

For further information, see: [https://www.winlink.org/content/tactical\\_addresses](https://www.winlink.org/content/tactical_addresses)

Now when you go to create a message, you will find that you have the choice of sending as your callsign or as your tactical address.

20. Practice ordering the HF WINMOR Channel Selector by callsign, then by frequency, and by Path Reliability Estimate