

# Winlink 2K and Winlink Express

WHAT ARE THEY?

HOW DO THEY WORK?

WHY DO I CARE?



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# What are they?

## ▶ **Winlink 2K**

- ▶ A robust infrastructure that provides worldwide e-mail connectivity via amateur radio, the internet, or a combination of both

## ▶ **Winlink Express**

- ▶ Client software that runs on a Windows 7 or above computer that is used to access the Winlink 2K environment



# How Do They Work?

- ▶ <https://www.youtube.com/watch?v=qGhUfW8pjY8>

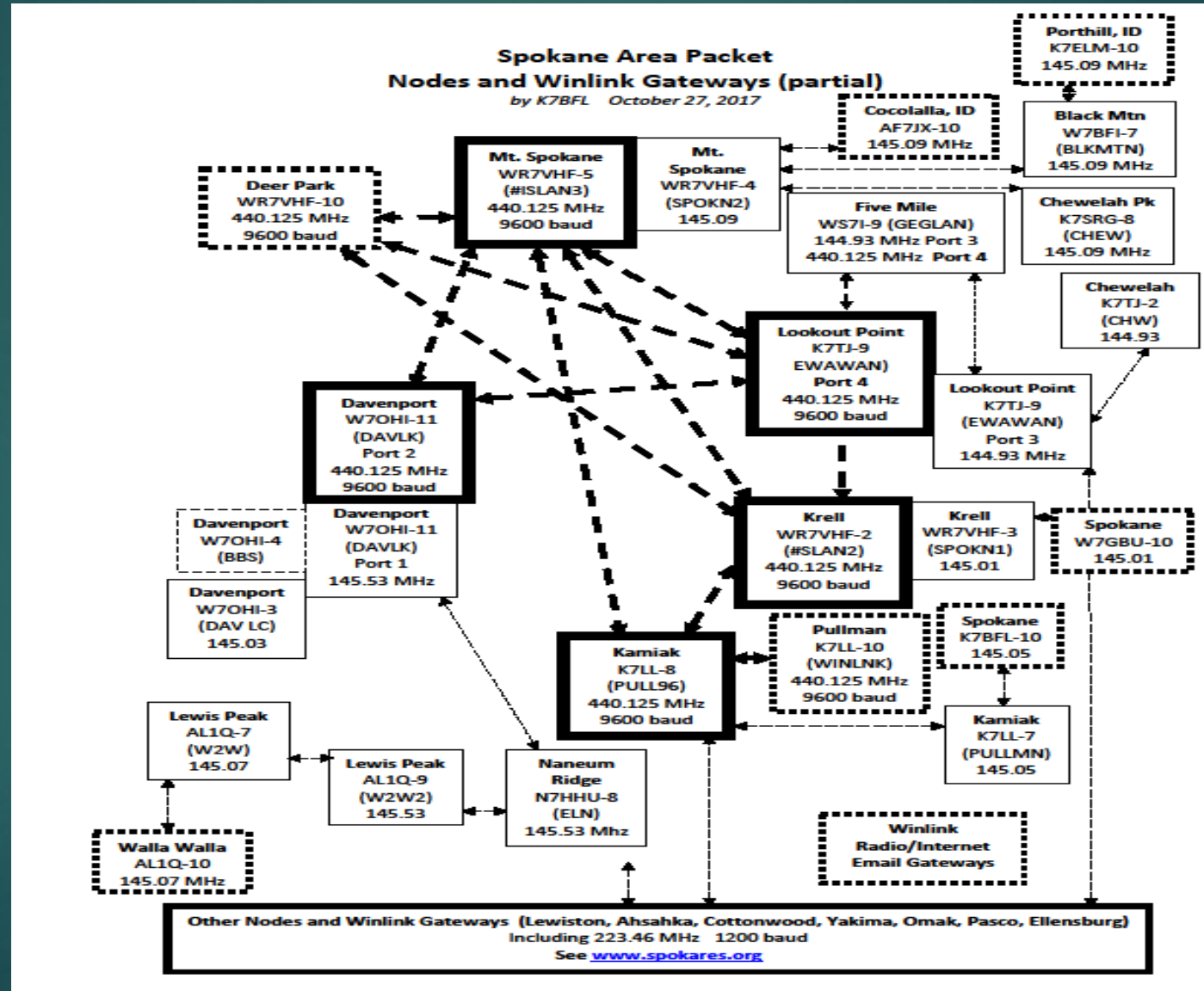


# Why Do I Care?

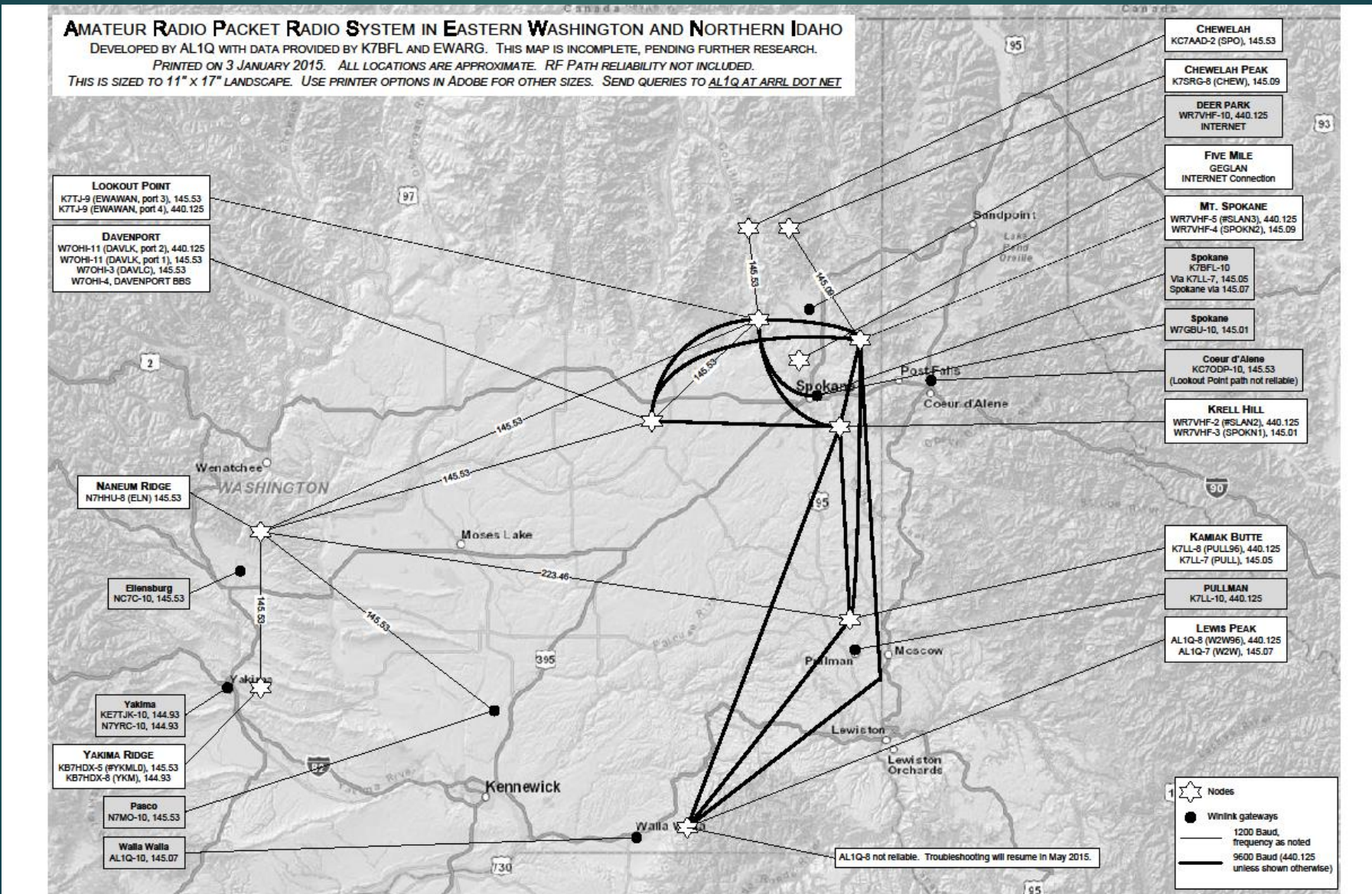
- ▶ Winlink has been adopted as their digital messaging system by virtually every emergency response organization in the country including DHS, FEMA, Washington State, GSEM, Red Cross, etc.
- ▶ Winlink uses standard digital modes available to all amateur radio operators
- ▶ The Winlink infrastructure is robust, has widespread coverage, and is easy to access
- ▶ Large number of resources available to support user learning and operation



# Local Infrastructure is Robust



# Another View



# Important Features in Winlink Express

- ▶ Access to and automated use of ICS Forms, Radiograms, and more
- ▶ Relatively simple configuration with most common TNCs
- ▶ Supports VHF/UHF and HF modes
  - ▶ 1200 and 9600 Packet on VHF/UHF
  - ▶ HF
    - ▶ Winmor 500 and Winmor 1600 TNC built in
    - ▶ Pactor (I, II, III, and IV)
    - ▶ ARDOP when available
- ▶ Attachments, delivery confirmation, tactical callsigns, group addressing, etc., etc.,.....



# Important Links

- ▶ <http://www.felge.us/digitalmessaging.html>
- ▶ <https://winlink.org/>
- ▶ <https://www.spokares.org/>
- ▶ <https://www.youtube.com/user/K4REF>





# Demonstration



# How Can We Help Get You Started?

- ▶ Second Saturday Digital Workshop (SSDW)
  - ▶ Every month on, you guessed it, the second Saturday
    - ▶ November 11, this Saturday
    - ▶ Probably no session in December
  - ▶ 0900-1200 local time
  - ▶ Fire Training Center
- ▶ Fifth Saturday exercises
- ▶ Call, write
  - ▶ [WA7AQH@gmail.com](mailto:WA7AQH@gmail.com), 510-517-4599



# When You Join Spokane County ARES-RACES, You Get:

- ▶ Training and experience to be effective emergency communications support
- ▶ Group exercises to improve your operating skills
- ▶ Community service opportunities—Bloomsday, Torchlight Parade, and many more
- ▶ To learn from elmers with decades of emcomm experience
- ▶ To have fun and build lasting relationships with other hams
- ▶ And even, perhaps, to one day save a life



# Questions?

