ARES Meeting Agenda - 1/18/23

- Welcome to Our Guests

- Roster Updates

- Winter Field Day

- Infrastructure Activities

- Training Documentation

- Winlink News

- Weather Spotter Training in 2023

- Severe Weather Seminar-Optional

- ARES Net Reminders

Welcome to our Guests

- Thanks for joining us tonight

- ARES - Amateur Radio Emergency Service

- For those new to ARES, we do 3 major things:
  - Severe Weather – Storm Spotting
  - Communications Support for Community Events
  - Emergency Communications for Served Agencies

- Major Tools that we utilize:
  - Ham Radios, typically VHF and/or HF gear, including Go-Kits
  - Winlink Express software for over-the-radio email messages
  - Internet Email and text messaging for inter-team communications

- Training – much more to ARES than holding a mic and talking

Roster Update

- Our Roster now stands at 29 members

- Added 4 new ARES Members
  - George Garcia, KD9SZZ
  - Ryan McGill, KB9OGS
  - Jason Howell, N9NDF
  - Kyle Walton, KD9VIN

- Craig Worrick and Eric Willke have dropped

- A new copy of the Roster will be emailed soon

- Suggest you add the new folks to your phones

Winter Field Day

- PAARC will be set-up for Field Day at the Morton Knights of Columbus Hall

- Saturday, January 28 - Noon - 11:00 p.m.

- 616 W David St, Morton, IL

- This is a ONE DAY Only event

- Come for Radio and Pizza!

- Get on-the-air, and learn from others

- For information, contact Justin, N9WX

Infrastructure Activities

- VHF Station at the Bunker
    - Winlink VHF Computer is back in service
    - Beta Test of VHF Winlink Peer-to-Peer has resumed

- HF Station at the Bunker
    - Erected & Repositioned End Fed NVIS to test transmit
    - Yaesu FT-950 Radio works on Receive & Transmit
    - Not happy with antenna – SWR too high for internal tuner
    - Next - install computer and soundcard for HF Winlink

- Peoria Red Cross
    - Need to test all radios and periodically exercise
    - Computers have been updated, ready to reinstall

Station Exercising

- Expect to have 4 stations at 2 locations to check

- How shall we exercise these?

- How often?

- Anyone have ideas how to do this?

Training Documentation

- I sent an email on 06/15 & on 09/25 with a form to be completed showing your training completion dates

- I have received and tabulated 9 forms to date

- Your FEMA Course dates should be in your email or on your certificates - Guessing at other dates is OK

- Does not matter which letter version of the IS Courses you completed

- It is OK to simply report that you have nothing yet completed, as some folks are just starting out

- Some folks only want to do Level 1 items, that is fine for weather spotting and community service events

Education	Stats
IS-100.c – Intro to Incident Command System	5
IS-700.b – Introduction to National Incident Mgt. System	5
SKYWARN - Spotter Basic Training (Biennially)	8
ARRL EC-001 Introduction to Emergency Communications	3

Participation

Join an ARES Group	9

Proficiency

Obtain Technician class or higher Amateur Radio License	9
Winlink – Install Software and use the Telnet Mode	9

Level 2

Education

IS-100.c – Intro to Incident Command System	6
IS-200.c – ICS for Single Resource	6
IS-700.b – Introduction to National Incident Mgt. System	6
IS-800.c – National Response Framework	5
ARRL EC-001 Intro to Emergency Communications	3
SKYWARN Spotter Basic Training (Biennially)	7

Participation

Net Participation (Once per Quarter)	9
Public Service Event Participation	6
Simulated Emergency Test or Exercise Participation (Annually)	6
Serve as Net Control	5
Participate regularly in the Weekly Winlink Exercise	6

Proficiency

Program tone into HT	8
Program frequency & offset into radio	8
Write and send an ICS-213 message	7
Build a simple dipole antenna	5
Build Powerpole® adapter cable	6
Solder PL259 connector to coax	7
Assemble a 24-hour Deployment Kit	1
Winlink – Demonstrate use via RF (Packet, ARDOP, or VARA)	5

Training Resources

- Training Documentation Form

  – Also on our website – on the "Training" Tab

  – https://www.peoriacountyares.org/wp-content/uploads/2023/01/Training-Documentation-Fillable-Form.pdf

- How to get a FEMA Student ID (SID)

  – Go to https://cdp.dhs.gov/femasid

- FEMA Training for IS 100, 200, 700, & 800

  – Go to https://training.fema.gov

- More details in our 07-20-2022 Meeting slides

  – https://www.peoriacountyares.org/wp-content/uploads/2022/07/ARES-Meeting-07-20-2022.pdf

Winlink News 1/2

- RadioMail App for IOS has been released
  - new client app by Island Magic Co. of Kaua'i, Hawaii
  - Go to https://radiomail.app to learn more or for help
  - Unlikely will ever be as full-featured as Winlink Express
- VHF RMS Gateway in McLean Co. on the air
  - KA3BQE-10 near Downs, on 145.610 MHz
  - Running Packet (and possibly VARA-FM Narrow)
- Winlink Peer-to-Peer still operating
  - See December 2023 slides for instructions to connect
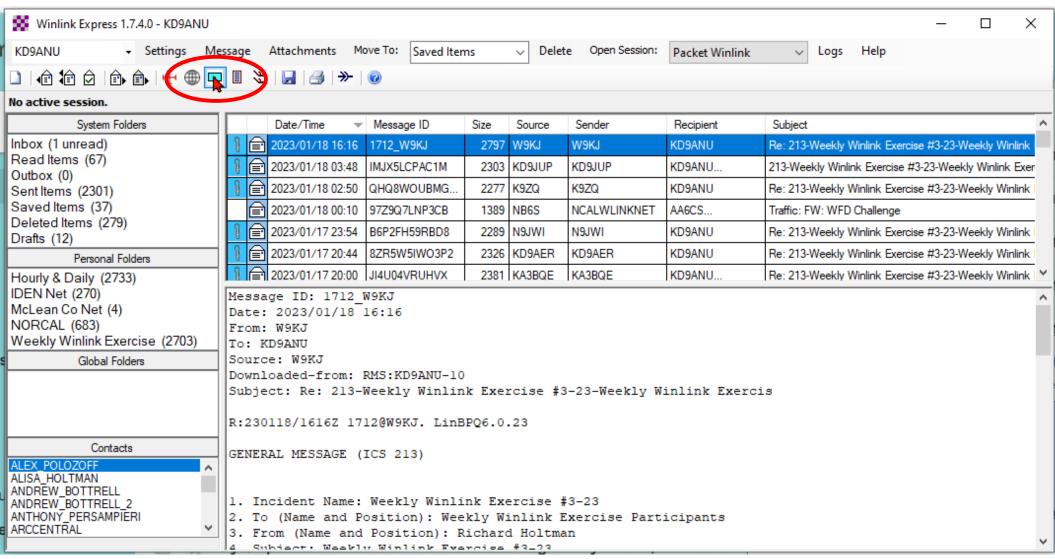
Winlink News 2/2

- Winlink Express Version 1.7.4.0 just released
  - Minor problem fixes and new features
  - toolbar icon to display a map showing where the currently-selected message originated
  - option to Winlink Express Setup screen to automatically install updates without prompting
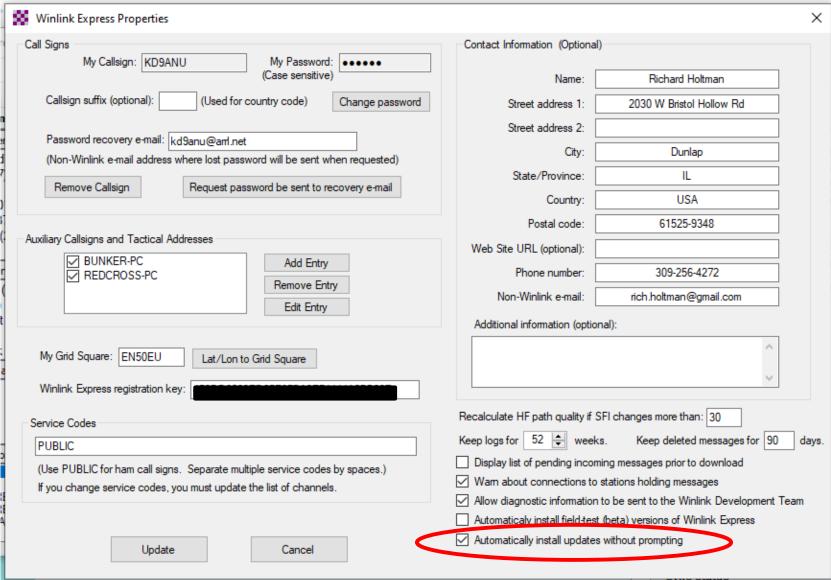
Icon – Message Origination

Icon – Message Origination

Sample Map of Message Origination Locations

Automatically Install Updates

Weather Spotter Training 2023

- Two sessions available nearby

- Don't need to attend both – same material each

- 1 - March 9, 7 PM at Bartonville American Legion (PAARC Club Meeting)

- 2 - March 20, 6 PM at Caterpillar Edwards Demonstration & Training Center – sign up at: https://www.surveymonkey.com/r/KMWCFZC (sponsored by Peoria County EMA)

Severe Weather Seminar-Optional

- Sat, March 4, 2023, 8:30 AM – 4:00 PM CST

- Richland Community College, 1 College Park Decatur, IL 62521

- Featured Speakers:
  - Jared Guyer - Storm Prediction Center in Norman OK
  - Anthony Falconio - Frmr Director of Madison Cty EMA
  - Jarrod Cook - Tazewell County EMA
  - Andrew Pritchard - University of Illinois
  - Dr. Jeffrey Frame - University of Illinois
  - Dr. Brian Jewett - University of Illinois

Severe Weather Seminar-Optional

- DOOR PRIZES

- VENDORS FROM ACROSS CENTRAL ILLINOIS

- LUNCH IS PROVIDED

- **Registration is $50.00** (college students registering using a school identifying or similar email can register for a reduced rate of $35)

- Register today at https://www.eventbrite.com/e/severe-weather-seminar-2023-tickets-504718896807

ARES Net Reminders

- Illinois State ARES HF Net

  - 1st and 3rd Sundays of month at 4:30 PM CST

  - 3.905 MHz LSB (alternate 7.230 MHz LSB) & Echolink 824404

  - Informal 60M & 40M check in - (7230 KHz) at 4:10 PM

  - 60M check at 4:20 pm (5403.5 kHz Channel 5, if busy then 1, 2, 3, 4)

- Illinois Digital Net every Wednesday 8:00 PM on Illinois Link

  - WIRES X 21565

  - Brandmeister DMR 31171

  - TGIF DMR 31171, DMR+ Reflector 4636

  - NXDN 3117

  - P25 31171

  - YSF Reflector Illinois Link 83132

  - D-Star XLX 334G, DCS 334G, XRF 334G, and XLX 312G

  - Allstar Link 42810

END

- www.peoriacountyares.org

- ilares.org

- www.arrl.org/ares