



# 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**

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

**Stats**

5
5
8
3

**Participation**

- Join an ARES Group

9
---

**Proficiency**

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

9
9

**Level 2**

**Education**

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

6
6
6
5
3
7

**Participation**

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

9
6
6
5
6

**Proficiency**

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

8
8
7
5
6
7
1
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

Winlink Express 1.7.4.0 - KD9ANU

KD9ANU Settings Message Attachments Move To: Saved Items Delete Open Session: Packet Winlink Logs Help

No active session.

	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
	2023/01/18 16:16	1712_W9KJ	2797	W9KJ	W9KJ	KD9ANU	Re: 213-Weekly Winlink Exercise #3-23-Weekly Winlink
	2023/01/18 03:48	IMJX5LCPAC1M	2303	KD9JUP	KD9JUP	KD9ANU...	213-Weekly Winlink Exercise #3-23-Weekly Winlink Exer
	2023/01/18 02:50	QHQ8WOUBMG...	2277	K9ZQ	K9ZQ	KD9ANU	Re: 213-Weekly Winlink Exercise #3-23-Weekly Winlink
	2023/01/18 00:10	97Z9Q7LNP3CB	1389	NB6S	NCALWLINKNET	AA6CS...	Traffic: FW: WFD Challenge
	2023/01/17 23:54	B6P2FH59RBD8	2289	N9JWI	N9JWI	KD9ANU	Re: 213-Weekly Winlink Exercise #3-23-Weekly Winlink
	2023/01/17 20:44	8ZR5W5IWO3P2	2326	KD9AER	KD9AER	KD9ANU	Re: 213-Weekly Winlink Exercise #3-23-Weekly Winlink
	2023/01/17 20:00	JI4U04VRUHVX	2381	KA3BQE	KA3BQE	KD9ANU...	Re: 213-Weekly Winlink Exercise #3-23-Weekly Winlink

Message ID: 1712\_W9KJ  
 Date: 2023/01/18 16:16  
 From: W9KJ  
 To: KD9ANU  
 Source: W9KJ  
 Downloaded-from: RMS:KD9ANU-10  
 Subject: Re: 213-Weekly Winlink Exercise #3-23-Weekly Winlink Exercis

R:230118/1616Z 1712@W9KJ. LinBPQ6.0.23

GENERAL MESSAGE (ICS 213)

1. Incident Name: Weekly Winlink Exercise #3-23
2. To (Name and Position): Weekly Winlink Exercise Participants
3. From (Name and Position): Richard Holtman
4. Subject: Weekly Winlink Exercise #3-23

System Folders  
 Inbox (1 unread)  
 Read Items (67)  
 Outbox (0)  
 Sent Items (2301)  
 Saved Items (37)  
 Deleted Items (279)  
 Drafts (12)

Personal Folders  
 Hourly & Daily (2733)  
 IDEN Net (270)  
 McLean Co Net (4)  
 NORCAL (683)  
 Weekly Winlink Exercise (2703)

Global Folders

Contacts  
 ALEX\_POLOZOFF  
 ALISA\_HOLTMAN  
 ANDREW\_BOTTRELL  
 ANDREW\_BOTTRELL\_2  
 ANTHONY\_PERSAMPIERI  
 ARCCENTRAL



# Icon – Message Origination

Sample Map of Message Origination Locations





# Automatically Install Updates

Winlink Express Properties

**Call Signs**

My Callsign:  My Password:   
(Case sensitive)

Callsign suffix (optional):  (Used for country code)

Password recovery e-mail:   
(Non-Winlink e-mail address where lost password will be sent when requested)

**Auxiliary Callsigns and Tactical Addresses**

BUNKER-PC   
 REDCROSS-PC

My Grid Square:

Winlink Express registration key:

**Service Codes**

(Use PUBLIC for ham call signs. Separate multiple service codes by spaces.)  
If you change service codes, you must update the list of channels.

**Contact Information (Optional)**

Name:   
Street address 1:   
Street address 2:   
City:   
State/Province:   
Country:   
Postal code:   
Web Site URL (optional):   
Phone number:   
Non-Winlink e-mail:

Additional information (optional):

Recalculate HF path quality if SFI changes more than:

Keep logs for  weeks. Keep deleted messages for  days.

- Display list of pending incoming messages prior to download
- Warn about connections to stations holding messages
- Allow diagnostic information to be sent to the Winlink Development Team
- Automatically install field-test (beta) versions of Winlink Express
- Automatically install updates without prompting



# 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
  - 1<sup>st</sup> and 3<sup>rd</sup> 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](http://www.peoriacountyares.org)
  - [ilares.org](http://ilares.org)
  - [www.arrl.org/ares](http://www.arrl.org/ares)