



ARES Meeting Agenda - 07/20/22

- Welcome
- Emergency Expo
- Infrastructure Activities
- Training Documentation
- How to sign up for a FEMA SID
- How to take FEMA IS Courses Online
- Install Winlink and Create an Account
- Midwest SuperFest
- Chicago Marathon
- ARES Net Reminders



Welcome to any 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
 - Winlink Express software for over-the-air email messages
 - Internet Email and text messaging for inter-team communications
- Training – much more to ARES than holding a mic and talking



Emergency Expo

- We participated again this year
- Thanks to everyone who came out
- Talked to numerous members of the public
- Lots of interest and questions regarding license testing – good signs for the future of ham radio



Infrastructure Activities

- VHF Station at the Bunker
 - Power Supply Issue has been resolved
 - A working Kenwood D710 Radio has been installed
 - All Computer Software has been updated
 - Proved this radio can run VHF Winlink Peer-to-Peer
 - In process of selecting and testing a new frequency
- HF Station at the Bunker
 - Yaesu FT-950 Radio works on Receive
 - Plan to install a End Fed NVIS to test transmit
 - Then install computer and soundcard for HF Winlink



Training Documentation

- I sent an email on 06/15 with a form to be completed showing your training completion dates
- I have received only 5 forms
- FEMA Course dates should be in your email or on certificates - Guessing at other dates is OK
- Does not matter which letter version of IS Course you completed
- It is OK to simply report that you have nothing completed, 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



Finding FEMA IS Course Dates

- If you don't have hard copies of your certificates, and can't find in your old emails, here is an option – this technique worked for me – BUT CAN BE A BIT FUSSY.
- Go to the FEMA Emergency Management Institute Student Portal at:
- <https://training.fema.gov/student/sssp.aspx>
- *"The Student Self Service Portal allows students to list their course completions and print certificates from a list."*
- Worked on my iPhone, and on my Windows laptop – use all CAPITAL LETTERS for your name and city



Finding FEMA IS Course Dates

- Scroll down the page to find the following fields, then enter your information

First Name:

Last Name:

Valid 10 Digit Student Identification (SID) Number:

Enter your city of birth as entered in your SID profile:

Submit

- A listing of your course information will appear



Level 1 Training

Education

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

Participation

Join an ARES Group	Required
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Proficiency

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



Level 2 Training

Education

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

Participation

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

Proficiency

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



How to get a FEMA SID

- You must obtain a FEMA SID to register for online courses IS-100, 200, 700, and 800
- Go to the following site:
 - <https://cdp.dhs.gov/femasid>
- “X” out of the messages pop-up screen
- Click the “Register for a FEMA SID” button
- Place your info in the fields presented
- Click Register button at the bottom
- Your SID will come in an email – save securely

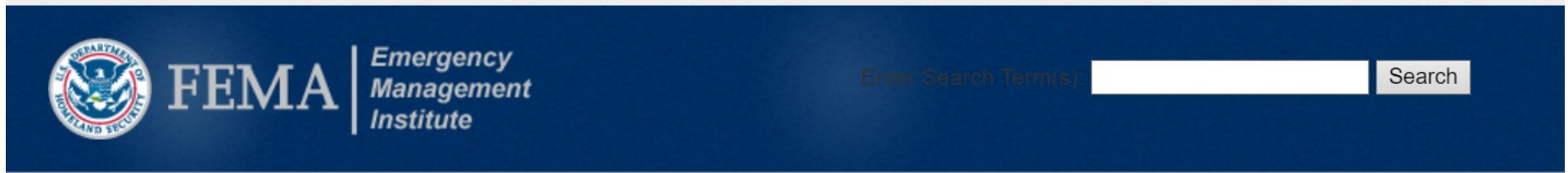


How to Take FEMA Courses Online

- Go to training.fema.gov
- Click on “Independent Study Online courses available free of charge”
- Scroll down the page, next to “Distance Learning” enter IS-100 in the search box (repeat later for 200, 700, 800)
- Click on the “Search IS” Box
- Scroll down the resulting page, click on IS-100
- Scroll down the page, click on “Interactive Web Based Course” under “TAKE THIS COURSE”
- You can also download Classroom Materials here
- Final Exam Online – plan to take it without leaving computer



Scroll down to see:



[IS Home](#)

[IS Course List](#)

[Lista de cursos de español](#)

[EMI Student Portal](#)

[Register for a FEMA SID](#)

[Critical Infrastructure Security and Resilience](#)

[→ Curriculum](#)

ISP Courses - Search Results

Enter Keyword(s) or Course Code

Search IS

Course Code	Course Title
IS-100.c	Introduction to the Incident Command System, ICS 100
IS-1000	Public Assistance Program and Eligibility
IS-1001	The Public Assistance Delivery Model Orientation
IS-1002	FEMA Grants Portal – Transparency at Every Step
IS-1004	The FEMA Site Inspection Process
IS-1005	Public Assistance Alternative Procedures
IS-1006	Documenting Disaster Damage and Developing Project Files
IS-1007	Detailed Damage Description and Dimensions
IS-1008	Scope of Work Development (Scoping and Costing)
IS-1009	Conditions of the Public Assistance Grant
IS-1100.a	Increased Cost of Compliance



Scroll down to see:



FEMA

*Emergency
Management
Institute*

Enter Search Term(s):

Search



IS-100.C: Introduction to the Incident Command System, ICS 100

Enter Keyword(s) or Course Code

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[Frequently Asked Questions](#)

[Curso en Español](#)

Course Date

6/25/2018

Course Overview

ICS 100, Introduction to the Incident Command System, introduces the Incident Command System (ICS) and provides the foundation for higher level ICS training. This course describes the history, features and principles, and organizational structure of the Incident Command System. It also explains the relationship between ICS and the National Incident Management System (NIMS). The Emergency Management Institute developed its ICS courses collaboratively with:

- National Wildfire Coordinating Group (NWCG)
- U.S. Department of Agriculture
- United States Fire Administration's National Fire Programs Branch

Course Objectives:

TAKE THIS COURSE

[Interactive Web Based Course](#)

CLASSROOM MATERIALS

[Download Classroom Materials](#)


TAKE FINAL EXAM

Please note that the IS Program now requires a FEMA SID to be used instead of your SSN. If you do not have a SID, [register for one here](#).

[Take Final Exam Online](#)



Scroll down to see:

FEMA

IS-0100.c: An Introduction to the Incident Command System, ICS 100

Glossary abc Help ?

Lesson: Lesson 1: Course Welcome and ICS Go

Course Welcome

This course will introduce students to the Incident Command System (ICS). This system is used nationwide to manage incidents regardless of size or type.

This is the first in a series of ICS courses for all personnel involved in incident management. Descriptions and details about the other ICS courses in the series may be found on our web site: <http://training.fema.gov>.



[Select this link to access a printable version of the entire course.](#)



1 of 105



Plug-Ins





What Happens Next

- You take the IS classes yourself
- Looks like you could take on your phone, but you better have great eyesight – recommend a computer or maybe a larger-than-phone tablet
- May take several hours to complete each
- When you pass the final exam, you will get a certificate via email – save that certificate and record the date in your Training Documentation File



Install Winlink and Create Account

- Recommend using a Windows PC, with Windows 10 or 11 operating system
- The installer is well developed, just let it install things where it wants. The program will be installed in c:\RMS Express, and NOT in c:\Program Files.
- No reason to install as Administrator
- Tell KD9ANU when you are successful, or ask for help if not successful



How to Install Winlink Express

- Visit the Winlink Download page to obtain Winlink Express software, at <https://downloads.winlink.org/>
- In the directory list, click on “User Programs”
- Click on “Winlink_Express_install_1-5-25_0.zip” to download
- Extract the files to another directory
- Double-click the file named “Winlink Express Install.msi”
- Select the Run button in the next window
- After the installation finishes, find and click on the “RMS Express” Program Icon. Might need to look in c:\RMS Express for RMS Express.exe.





Create a Winlink Account (1 of 2)

- Must have a valid Ham Radio License
- When run the first time, the program opens the “Properties Tab”
- Fill the blanks as much as you can
- Don’t change or delete any default values that may be provided
- Recommend you NOT include any Call sign suffix, which is optional and just complicates things down the road
- Be sure to include your email in the fields labeled Password recovery email and also a Non-Winlink e-mail
- You DO NOT need a Winlink Express registration key now, leave that blank. You can purchase a key later, if you care to
- When finished, click on the “Update” button



Create a Winlink Account (2 of 2)

- Connect with the Winlink system to create your account (use the Telnet mode Internet connection)
- Do not use a password on your first connection
- A message containing your password will be sent to your account. (Can change the password later.)
- Retrieve password with a second connection
- Enter password in “Settings”, “Winlink Express Setup”
- Your email address will be CALLSIGN@winlink.org



Winlink Express Setup

Winlink Express Properties

Call Signs

My Callsign: My Password:
(Case sensitive) ☐ Show password

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

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

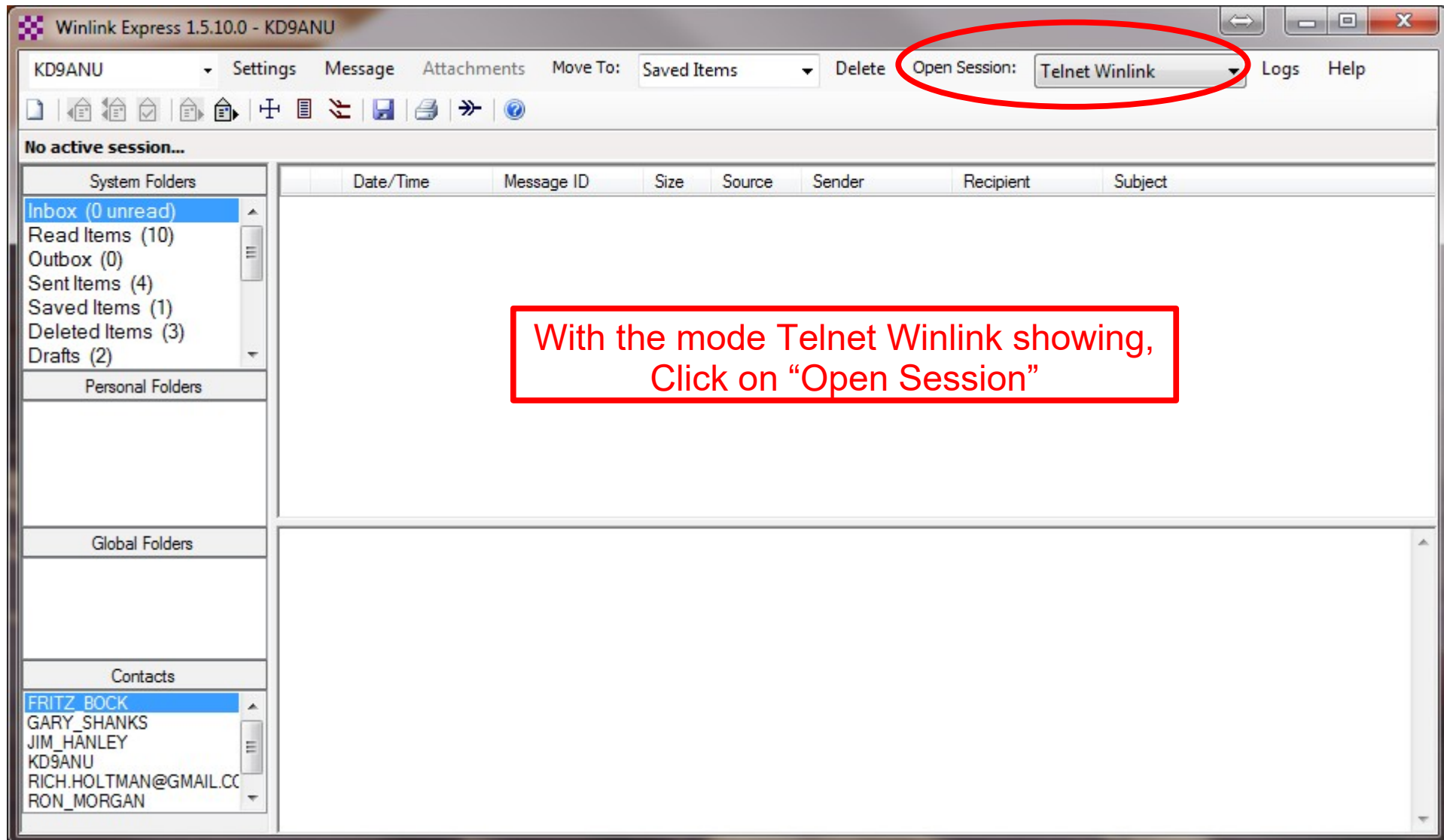
☒ Warn about connections to stations holding messages

☒ Allow diagnostic information to be sent to the Winlink Development Team

☐ Automatically install field-test (beta) versions of Winlink Express

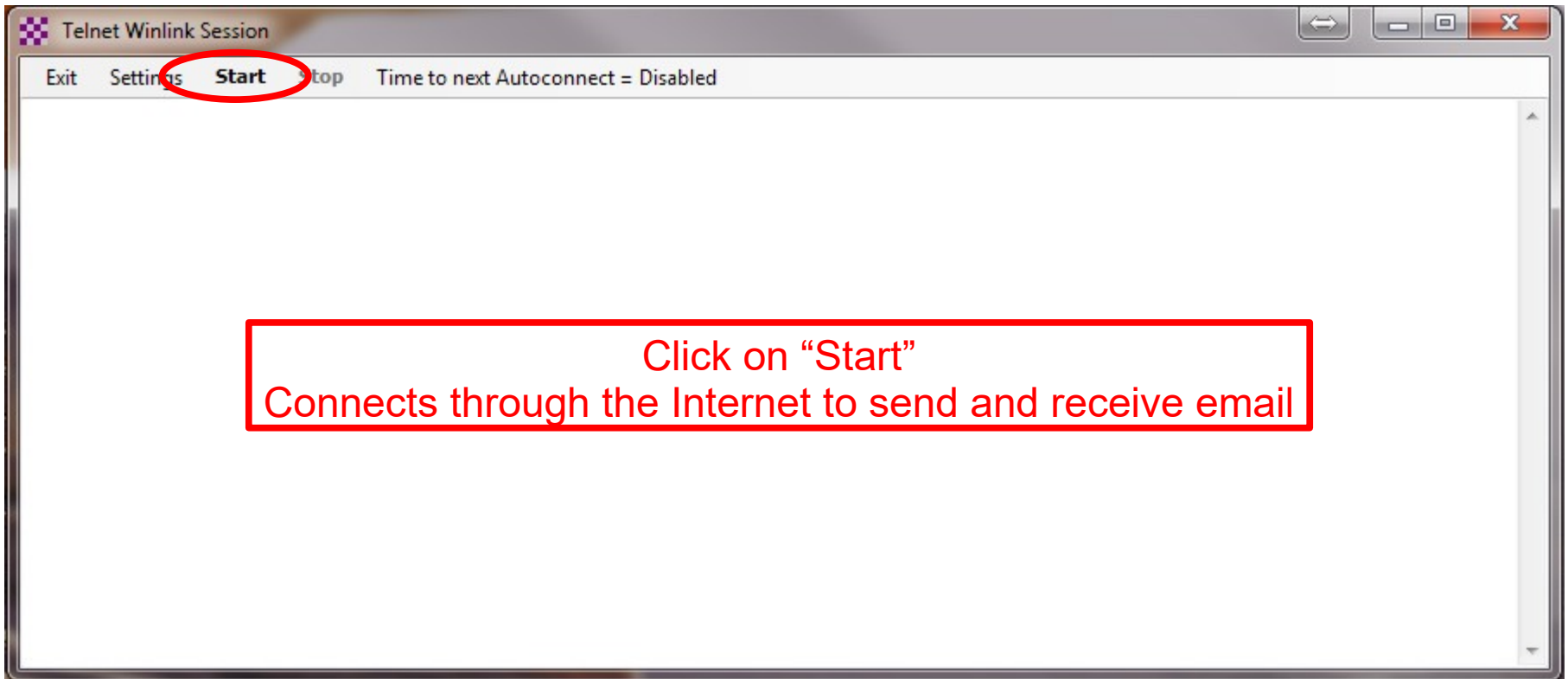


Connect to the System (1 of 3)



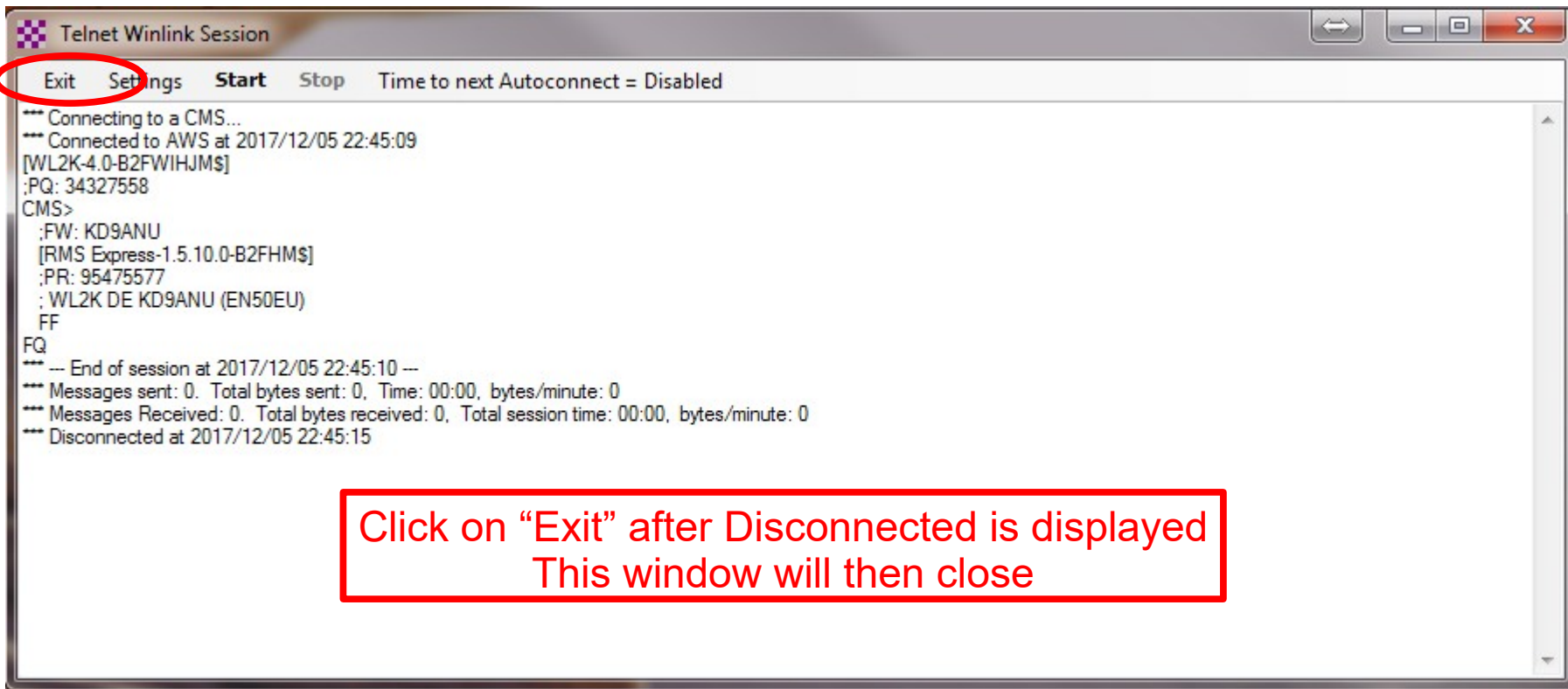


Connect to the System (2 of 3)





Connect to the System (3 of 3)





Winlink Express Screen

Winlink Express 1.5.18.0 - KD9ANU

KD9ANU Settings Message Attachments Move To: Weekly Winlink Ex Delete Open Session: Packet Winlink Logs Help

In Packet Winlink session. *** Received and processed RMS VHF Channels update message ***

	Date/Time	Message ID	Size	Source	Sender	Recipient	Subject
	2019/01/23 20:41	125_W9KJ	283	W9KJ	W9KJ	KD9ANU	Weekly Winlink Exercise #4-2019
	2019/01/23 18:18	GD4FMCTZKKEP	1413	WD9FMB	WD9FMB	KD9ANU	//WL2K ICS214A-Weekly Winlink Exercise
	2019/01/23 17:53	A3P8LFM051XC	236	N9JWI	N9JWI	KD9ANU	//WL2K Weekly Winlink Exercise #4-2019
	2019/01/22 02:55	6KHNFVIFV8D5	2334	KC9RAV	KC9RAV	KD9ANU	//WL2K Re: ICS 213: Weekly Winlink Ex
	2019/01/20 20:18	118_W9KJ	3630	W9KJ	W9KJ	KD9ANU	Re: ICS 213: Weekly Winlink Exercise #3
	2019/01/20 02:40	101_W9KJ	3282	W9KJ	W9KJ	KD9ANU	Re: ICS 213: Weekly Winlink Exercise #3

Message ID: A3P8LFM051XC
Date: 2019/01/23 17:53
From: N9JWI
To: KD9ANU
Source: N9JWI
Downloaded-from: RMS:KD9ANU-10
Subject: //WL2K Weekly Winlink Exercise #4-2019

N9JWI, Frank, Amboy, Packet, 145.610.N9JWI-10 gateway

System Folders
Inbox (10 unread)
Read Items (40)
Outbox (0)
Sent Items (403)
Saved Items (5)
Deleted Items (138)
Drafts (7)

Personal Folders
FIELD DAY 2018 (0)
Hourly & Daily (1735)
NORCAL (177)
Weekly Winlink Exercise (256)

Global Folders

Contacts
GARTH_KENNEDY
GARY_KANTNER
GARY_SHANKS
JIM_HANLEY
JIM_HUDSON
JIM_POLSON



Midwest SuperFest is Coming

- PAARC will be holding SuperFest in East Peoria on September 17 & 18 Sat & Sun
- Same place as last year, 4200 Washington Rd
- Setup activities will be Thurs and Fri 15 and 16
- Please come and support the club and ARES
- Forums will be held Saturday morning
- Lots of flea market spots and vendors
- Raffle Prize drawing will be on Sunday



Chicago Marathon

- Coming on Sunday, October 9
- They need radio operators to man aid stations
- Mark and Corey have participated in the past
- Typically go up on Saturday, return on Sunday
- Good hands on exposure to emergency comms
- Contact Rob Orr, K9RST - 847-400-4694 cell



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