

# Minot Summer Hamfest

July 13<sup>th</sup> 2024



Sponsors:



Kellie Thorman  
Thorman Ins and Fin Svcs Inc



	Room A	Room B	Main Room	Third Floor Conference Room
7:00 – 8:00			<b>Flea Market Setup</b>	
8:00 – 8:50			<b>Continental Breakfast/Registration</b>	
9:00 – 9:50	<b>Contesting in ND – NOSJ, AI0Y, KE0A, N7IV</b>	<b>Ground is a Myth – K6WX</b>	<b>Flea Market/Registration</b>	<b>FCC License Testing Session (ARRL VEs)</b>
10:00 – 10:50	<b>Visiting Antarctica - KOYL</b>	<b>Understanding Ham Radio Propagation – AF7KB</b>	<b>Flea Market/Registration</b>	<b>Introduction to Amateur Radio – N7IV (others)</b>
11:00 – 11:50	<b>ARRL Forum WOND</b>		<b>Flea Market/Registration</b>	
12:00 – 12:50			<b>Lunch/Registration Lunch Time – Eyeball QSOs &amp; Socializing</b>	
1:00 – 1:50	<b>Winlink VARA on VHF and HF - KE7WKM</b>	<b>Evaluating HF Multi-band Wire Antennas – K7EMF</b>	<b>Flea Market/Registration</b>	<b>Introduction to Amateur Radio – N7IV (others)</b>
2:00 – 2:30	Clean up	Clean up	<b>General Assembly with Prize Drawings and Ham of the Year award.</b>	
2:30 – 5:00	Clean up	Clean up		

### **9:00 - 9:50 am**

#### **Room A: Contesting in ND – NOSJ, AI0Y, KE0A, N7IV**

If you are looking for the four hams who've dominated contesting in North Dakota, you'll find them in this seminar. Jim Fahy (Dickinson), Joe Uhrich (Nakoma), Rod Klug (Grand Forks), and Joe Ferrara (Minot), will answer your questions and talk about their contest-winning strategies and tactics.

#### **Room B: Ground is a Myth – K6WX**

Kristen McIntyre (ARRL First Vice President), will do a virtual version, of the technical presentation she gave at the Dayton Hamvention last May. In this presentation, she'll provide a conceptual discussion of "ground" and discuss practical implications for antennas and lightning protection.

#### **Third Floor Conference Room (west)\*\*: FCC Test Session - W0A00**

Millo Wallace and his ARRL VE associates will conduct license examinations for the Technician, General, and Amateur Extra FCC licenses. If you intend to take a test, **BE SURE TO HAVE YOUR FRN** with you.

## **10:00 – 10:50**

### **Room A:** Visiting Antarctica - KOYL

Nancy Yoshida will share information about her visit to Antarctica. The presentation will include photos of Humpback Whales, Weddell Seal residents, and ham radio points of interest.

### **Room B:** Understanding Ham Radio Propagation – AF7KB

Michael Burnette, AF7KB is the author and narrator of *The Fast Track to Your Ham Radio License* series. In this seminar he'll provide a *plain-language* discussion of ionospheric propagation.

### **Third Floor Conference Room (east)\*\*:** What is Ham Radio? – N7IV

Joe Ferrara will provide a seminar that requires ZERO HAM RADIO KNOWLEDGE. It is designed to answer three important questions: 1) What can hams do? 2) How can I become a ham? 3) What will it cost? (This session will be repeated in the 1:00 – 1:30 time block).

## **1:00 – 1:30**

### **Room A:** Winlink VARA on VHF and HF - KE7WKM

Lynn Burrell is our states resident expert on all things Winlink, a worldwide radio messaging system that allows hams to send and receive email messages via radio or the internet. In North Dakota, Winlink is particularly important as we plan to communicate during local and regional internet failures.

### **Room B:** Evaluating HF Multi-band Wire Antennas - K7EMF

After retiring from a Broadcast Engineering Consulting company Gary Baker purchased W7FG True Ladder Line & Antennas and manufactures wire antennas that are integrated into the Ladder Line so there are no connections between the ladder line and the antenna. That results in antenna systems that typically operate at 98% efficiency!

Gary will discuss:

- ✓ Antenna Gain Vs Antenna System Efficiency
- ✓ Antenna Gain (Omni Pattern?) and antenna system efficiency.
- ✓ Feedline Characteristics including Feedline Loss; Reflected Power; and Feedlines Acting Like Transformers

### **Third Floor Conference Room (east)\*\*:** What is Ham Radio? – N7IV

Joe Ferrara will provide a seminar that requires ZERO HAM RADIO KNOWLEDGE. It is designed to answer three important questions: 1) What can hams do? 2) How can I become a ham? 3) What will it cost? This session will be also be presented in the 10:00 – 10:50 time block).

**\*\*All Third Floor Activities are free, and DON'T Require Hamfest registration**



