

Friday, May 16th, 2025

<b>TIME</b>	<b>ROOM</b>	<b>FORUM</b>
9:15 AM to 10:05 AM	Room 1	<b>Andy's Ham Radio Linux</b> Moderator: Andy Stewart, KB1OIQ Andy (KB1OIQ) Stewart has created a popular collection of Free Software and Open Source software called "Andy's Ham Radio Linux" (AHRL). For a long time, this involved remastering Xubuntu Linux. Most recently, this software collection has been enhanced so that it can be easily installed on top of your existing installation of Debian, Ubuntu, and Linux Mint, as well as Raspberry Pi OS for RPI 4/5. AHRL has been available since 2011, with over 100,000 downloads to date.
9:15 AM to 11:00 AM	Room 2	<b>Radio Club of America</b> Moderator:
9:15 AM to 10:05 AM	Room 3	<b>DX Marathon - A Program for All Hams Worldwide</b> Moderator: Mark Wohlschlegel, WC3W Dx Marathon is the fastest growing DX Program in our hobby. Come learn about the Program! The details and results of the 2024 DX Marathon will also be
9:15 AM to 10:15 AM	Room 4	<b>TAPR - Topics in Digital Radio</b> Moderator: Scotty Cowling, WA2DFI, TAPR President Speakers: Stana Horzepa, WA1LOU; John Ackermann, N8UR; Mooneer Salem, K6AQ; Dr. Hyomin Kim, KD2MCR 1) TAPR Activities Update 2) Write for PSR! 3) Frequency Control for Next Generation SDRs
10:15 AM to 12:05 PM	Room 1	<b>Elecraft K4D Users Group</b> Moderator: Scott Wright, K0MD Speakers: Bob Wilson, N6TV, Ed Muns W0YK, Rick Tavan N6XI, Dave Anderson K4SV, Eric Swartz WA6HHQ Focus on the new Elecraft K4D HF SDR and will include a tutorial on advanced features, discussion on remote operation for DX Contesting, domestic contesting and remote via StarLink. The new K40 and VK4 remote software will be demonstrated as well as any new updates to the rig's features, controls and
10:15 AM to 11:15 AM	Room 3	<b>Salty Walt's Portable Antenna Forum</b> Moderator: "Salty Walt" Hudson, K4OGO "Salty Walt" -- of the popular Costal Waves and Wires YouTube channel -- shows you how to make a great antenna for outdoor operations. Learn how to make something simple that goes anywhere and connects you around the world. And get a preview of Walt's new ARRL book, Salty Walt's Portable Antenna Sketchbook. This forum is sponsored by ARRL The National Association for
10:25 AM to 11:20 AM	Room 4	<b>Advanced Topics in Storm Spotting</b> Moderator: Brandon Peloquin, Warning Coordination Meteorologist, National Weather Service Wilmington, OH Speaker: Nate McGinnis, Meteorologiist Every year, the National Weather Service conducts Basic Spotter Training courses both in person and virtually all across the country. While less frequent, the National Weather Service also provides trained storm spotters with an advanced course, which dives deeper into the study of thunderstorm strength, squall line tornadoes, and supercell structures. This presentation examines the complexities of storm spotting in challenging situations and why having a deeper
11:10 AM to 12:30 PM	Room 2	<b>BalloonSat - Taking Amateur Radio to New Heights</b> Moderator: Bill Brown, WB8ELK Speakers: Mason Mills KQ4GQB, Todd McKinney KN4TPG STEM Amateur Radio Balloon Flights. High Altitude WSPR Solar Eclipse propagation experiments. Using Pico Balloons for Weather Research. A Pico balloon will be launched right after the Forum
11:25 AM to 12:40 PM	Room 3	<b>Collins Radio Innovation and HF Communications from the 1950s to the 80s</b> Moderator: Francesco Ledda, K5URG

- PM
- Speaker: Scott Johnson, W7SVJ  
Collins Radio Company was founded in 1933 by Arthur Collins in Cedar Rapids, Iowa. The company, started in Arthurs' basement, grew to become a major supplier of innovative and high-quality radio equipment. From the mid-1940s to the 80s, Collins was a dominant force in the entire radio communications field. Collins radios were everywhere, from commercial radio stations to Strategic Air Command bombers, to Navy carriers and submarines and the NASA Apollo/Gemini programs, both earth and space". Why was Collins so dominant? In this presentation we will cover the key technological innovations that allowed Collins to displace major competitors- RCA, Magnavox and others. Amazingly
- 11:30 AM to 12:20 PM Room 4 **Kit Building Techniques for Success**  
Moderator: Joe Eisenberg, K0NEB  
A look at ideas for making kit building a fun experience. I'll go over tools, techniques, and ideas for both individual and group kit building experiences. The emphasis will be on techniques to make it successful for both individuals and groups. We will go over how to pick your first kit or a kit ideal for introducing kit building for your club or group. I'll show kits for all levels of
- 12:15 PM to 1:50 PM Room 1 **SOTA to the Max: Friendships, Sunspots, and Pileups**  
Moderator: Keith Schlottman, KR7RK  
Speakers: Charlie Brown, NJ7V  
There has never been a better time to be involved with Summits On The Air. As Cycle 25 has ramped up, amateur radio operators are energizing the airwaves from high points all around the world. Activating summits with other hams provide wonderful opportunities to learn and share technological skills, while forming lasting friendships. NJ7V will share about his experience making cross-cultural bonds while activating rare summits in the Navajo Nation. KR7RK will present ideas to help you set and achieve new goals in SOTA. Chasers can also join the fun with plenty of ATNO's and DXCC countries to collect. This forum will
- 12:30 PM to 2:00 PM Room 4 **Digital Contest Forum**  
Moderator: Ed Muns, W0YK  
Speakers: Tim Shoppa, N3QE and Courtney Krehbiel, KD6X  
This forum explores current topics in RTTY and FT8 contesting. N3QE will share insights from the data mining he has done from digital contest results. KD6X will introduce two recent advances in how multiple radios can be controlled and better utilized by the SOnR operator. W0YK will describe a unique new FT8 contest that interoperates with non-contesters in an entirely transparent way.
- 12:40 PM to 2:10 PM Room 2 **LICW and the Renaissance of Morse Code**  
Moderator: Howard Bernstein, WB2UZE  
Speakers: Jim Crites, W6JIM, Mike Padron, N1CC, Cathy Goodrich, W4CMG, Bob Cady, W7JNM and Katie Campbell, KQ4HRI  
Morse code is making a comeback in today's tech-driven world. In this presentation we share our research and insights behind the development of our curriculum, which incorporates The LICW Method—an approach specifically designed to give adult learners the best chance for success and help them get
- 12:50 PM to 2:00 PM Room 3 **Strategy, Grantmaking, and 44Net: ARDC's Roadmap for the Future**  
Moderator: Rosy Schechter KJ7RYV  
Speaker: John Burwell KI5QKX  
ARDC will provide an overview of its vision and strategy for 2025, along with updates on its activities and grantmaking efforts. The session will cover key grants program topics, including updates from some of our grantees about their recent work, as well as findings from our Grants Evaluation Team (GET) regarding past grantmaking activities. ARDC is also actively improving 44Net, and they will give an overview of new techniques for accessing and utilizing the 44Net addresses, helping amateur radio projects improve TCP/IP connectivity,
- 2:00 PM to 5:00 PM Room 1 **Antenna Forum**  
Moderator: Tim Duffy, K3LR  
Speakers: Joel Harrison, W5ZN, Fred Lass, K2TR, Greg Ord, W8WWV and Dr. Tamitha Skov, WX6SWW

Presentations will include 1) Comparison of Short Vertical Arrays for Low Band Receiving 2) Wideband Wire Antennas 3) All Choked Up! Feedline Choking Without Suffocating and 4) Solar Cycle 25 Lessons Learned for Amateur Radio

- 2:10 PM to Room 3 **Ham Radio and the Law**  
3:00 PM Moderator: Fred Hopengarten, K1VR  
Ham Lawyers will provide short descriptions of current legal problems and
- 2:10 PM to Room 4 **YLRL: Women Building Community Through Amateur Radio**  
3:30 PM Moderator: Anne Manna, WB1ARU
- 2:20 PM to Room 2 **Lightning, Grounding and Radio Frequency Interference (RFI)**  
3:35 PM Moderator: Jim Bacher, WB8VSU  
Speaker: Ward Silber, N0AX  
Topics include outside lightning protection, inside lightning protection and inside RF inside Management
- 3:10 PM to Room 3 **APRS - State of the Union**  
4:00 PM Moderator: John Langner, WB2OSZ or Jason Rausch, K4APR  
Speaker: Jeff Hochberg, W4JEW and John Tarbox, WA1KLI  
APRS (Automatic Packet Reporting System) plays a crucial role in real-time tactical digital communications for amateur radio operators worldwide. We will explore the current state of APRS, including its infrastructure, applications, and ongoing projects. We will also discuss the future of APRS. Whether you're a seasoned APRS user or just getting started, this session will provide valuable
- 3:40 PM to Room 4 **Foxhunting/ Transmitter Hunting**  
5:00 PM Moderator: Dick Arnett, WB4SUV  
Speaker: Bob Frey, WA6EZV  
New to fox hunting? Then come and learn what it takes to get started on mobile or on-foot hunts. Basic fox hunting equipment, mobile setup, as well as tips for getting started "on the Cheap" will be covered. Additional topics will include ARDF/Radio-Orienteering. Available receivers, antennas, attenuators, and transmitters for both mobile and radio-orienteering events will be discussed.
- 3:45 PM to Room 2 **Power Line Interference and Chokes**  
5:00 PM Moderator: Jim Bacher, WB8VSU  
Speakers: Bruce Sparrow, N2KTV and Gary Bishop, NQ0V  
Topics include power handling capability of ferrite cores used for impedance matching, slaying Power Line Interference and Ham RFI starting points.
- 4:10 PM to Room 3 **100 years of MARS**  
5:00 PM Moderators: Paul English, WD8DBY and Dave Antry, WD9HBA  
The Military Auxiliary Radio System (MARS) celebrates 100 years of service to the Department of Defense. Comprised of specially trained volunteer amateur radio operators, MARS members support the military with over-the-air HF radio training, phone patch support to DoD and other governmental agencies, and reporting critical infrastructure information, utilized by DOD decision makers following potentially devastating events. Over the years, modes of operation have evolved from CW in the earlier years to encrypted digital messaging using military standard communication protocols. Join us, learn a brief history of MARS,