Introduction to Ham Radio

Presented by: MaryAnn Cornett NS7X

Albuquerque, NM

Developed by: Paul Bouthillier KBØWMA

Albuquerque, NM

2024 Duke City Hamfest September 21, 2024



Who is MaryAnn Cornett (NS7X)?

Insert your bio here

Who is Paul Bouthillier - KBØWMA?

- First licensed as a Technician in May 1996 in Denver Colorado
- Moved to Albuquerque, New Mexico in 2001
- Upgraded to General in November 2023
- Upgraded to Amateur Extra in April 2024

Ham Interests:

- HF through 440Mhz Both Analog and Digital modes
- Own and operate a 24/7 YSF Reflector
 - ► YSF Reflector ID: US-NM505-KB0WMA
- ▶ D-STAR, DMR, YSF, FT8, Wires-X, AllStarLink and EchoLink (openSPOT, Raspberry Pi Hotspots, etc).

Volunteering Interests:

- Bernalillo County ARES (BCARES) Volunteer Member
- LARC and <u>ARRL</u> Volunteer Examiner
- Run for the Zoo Radio Communications Co-Chair

Agenda

- I Got My License...Now What?
- Personal Communication Interests
- Radio & Repeater Etiquette
 - Phonetics & Q-Codes
- Local Radio Clubs
- ► Q&A

I Got My License...Now What?

- Public Service
 - Search and Rescue
 - Storm Spotting (SKYWARN)
 - Emergency Communications (ARES, RACES, NMSARS, EMCOMM)
- Volunteer Services
 - Volunteer Examiner (Testing) (General, Advanced, Extra only)
 - Run for the Zoo Event
 - Santa Fe Century Bike Event
 - Duke City Marathon
 - Tour of the Rio Grande
- General Communications
 - Talk to other ham's over voice or CW (Morse Code)
 - Fox Hunting
 - Traffic Handling
- Contesting (Radiosport)
 - Make Local CQ or DX contacts over voice or CW per contesting rules and receive awards
- Digital and Computer Networking
 - Create your own ham radio network
- Fechnical Experimentation
 - Build and test out new ham radio equipment and antenna's

What are your personal interests in ham radio operations?

Analog: VHF, UHF, HF

Digital: CW, D-STAR, DMR, System Fusion, Allstar

Voice Modes or Data Modes SHOW of HANDS

Radio & Repeater Etiquette

✓ Do's

- Listen on the frequency before transmitting
- Identify your station every 10 minutes with your callsign and also at the end of your transmission
- Use standard phonetics (Alpha, Bravo, Charlie...etc.)
- Q-codes are permitted (QSL, QSO, QST, QTH, QRZ...etc.)
- Use "This Is", "Roger", "Copy", "Over", "Go Ahead", "Out", "Clear"
- Use "Break" or your callsign to join a conversation
- For emergencies use "Emergency Emergency Emergency" (nonlife-threatening) or "Mayday Mayday Mayday" (life-threatening) and on CW use "SOS SOS SOS"

✓ Don'ts

- Never use 10 codes (10-4)
- Don't say "for ID" or "on the side"
- No swearing, cursing or overly suggestive language
- Highly discouraged to call out "CQ" on a repeater
- "Ker-chunking" a repeater is frowned upon
- No unidentified transmissions allowed (It is illegal)

Phonetics

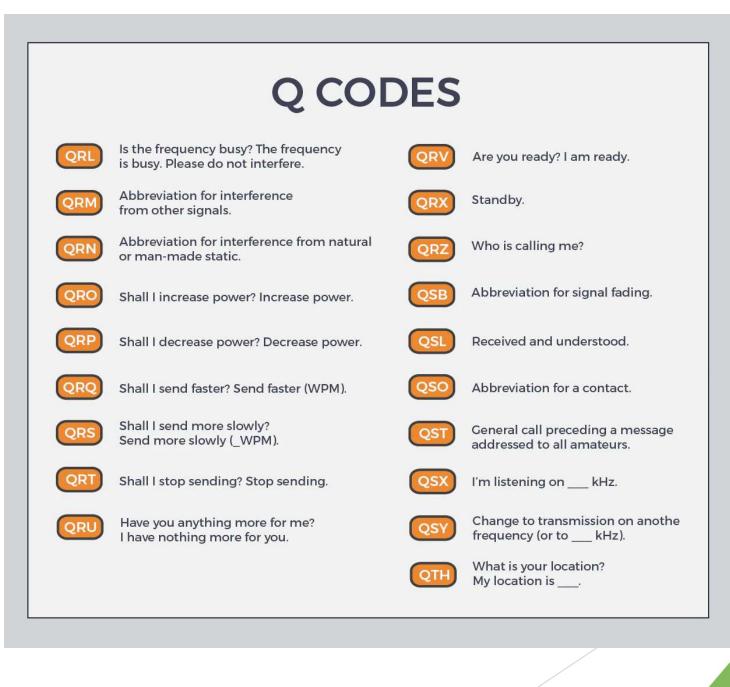
Phonetic Alphabet

Alpha Bravo Charlie Delta Echo Doxtrot Golf Hotel India

Juliet **K**ilo Lima Mike November Oscar apa Ρ 0 uebec Romeo

Sierra Tango Uniform Victor Whiskey Xray Yankee Zulu

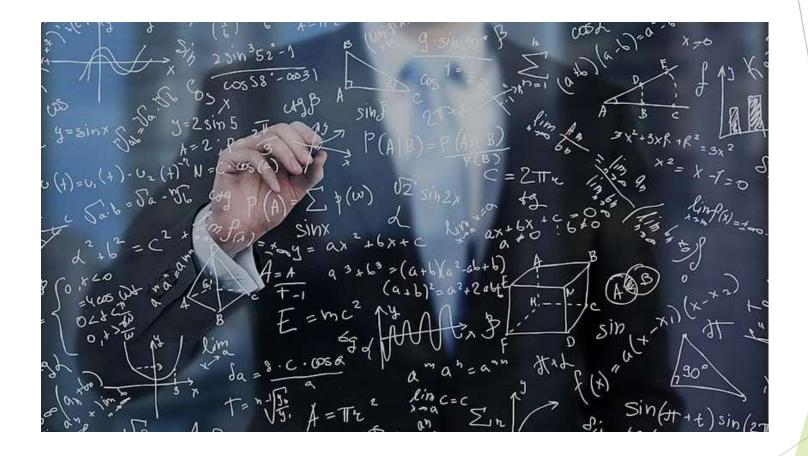
Q-Codes



Local Amateur Radio Clubs

- New Mexico (Local)
 - Caravan Club
 - Upper Rio FM Society
 - High Desert Amateur Radio Club
 - Bosque Amateur Radio Club
- New Mexico (Emergency)
 - Bernalillo County ARES
 - Sandoval County ARES
 - Tri-County ARES
- National
 - ARRL (The American Radio Relay League)

Questions?



Contact Information

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