

Amateur Radio: Archaic Hobby or Crucial Resource



- Callsign: N4EA
(prev. KC7GPJ, N7DLS)
- License Class: Amateur Extra
- First licensed: 1994
- Certified Storm Spotter
- Certified amateur radio license
volunteer examiner



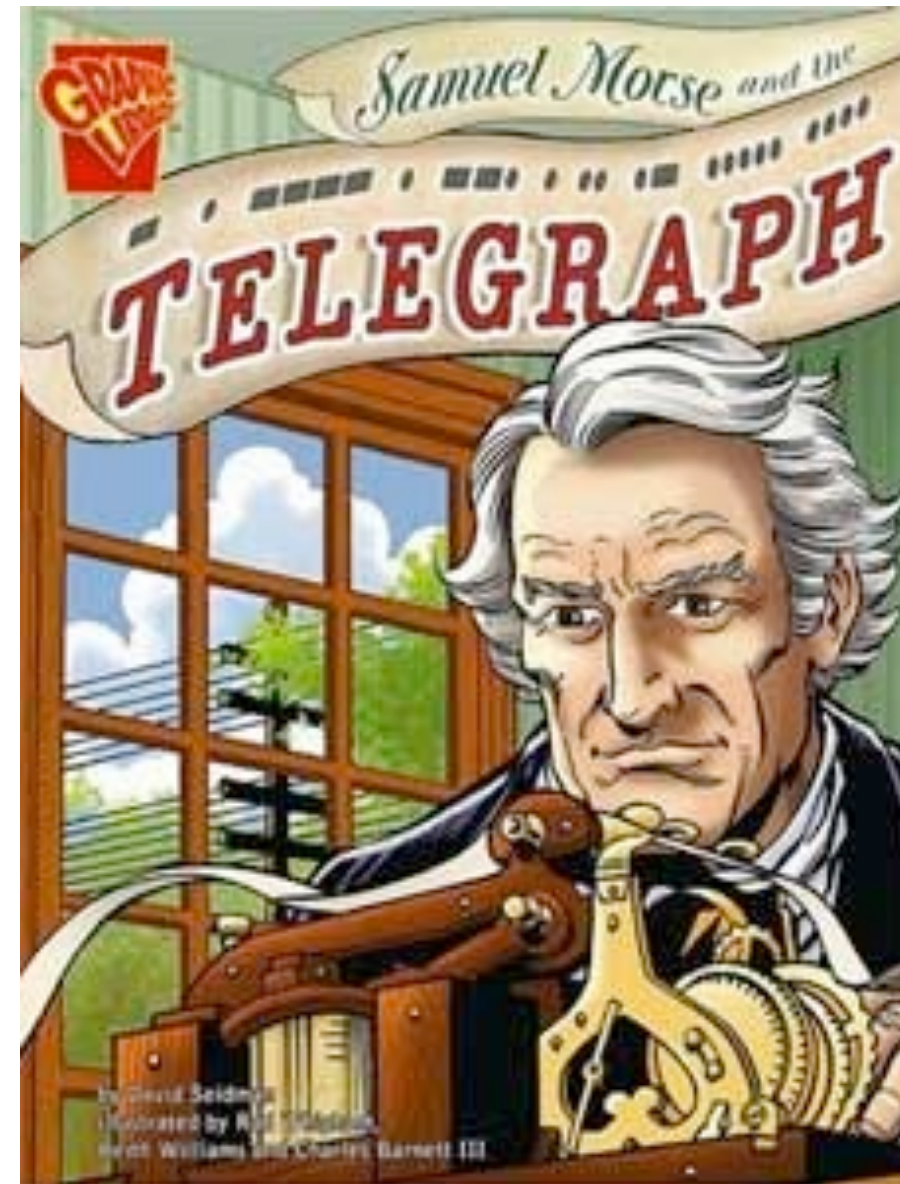
Wednesday, July 11, 12



Samuel Morse

Co-inventor of the electromagnetic telegraph machine
(1833)

Best known as the father of the
Morse Code



Guglielmo Marconi

1894 - Began experimenting with “wireless telegraph”

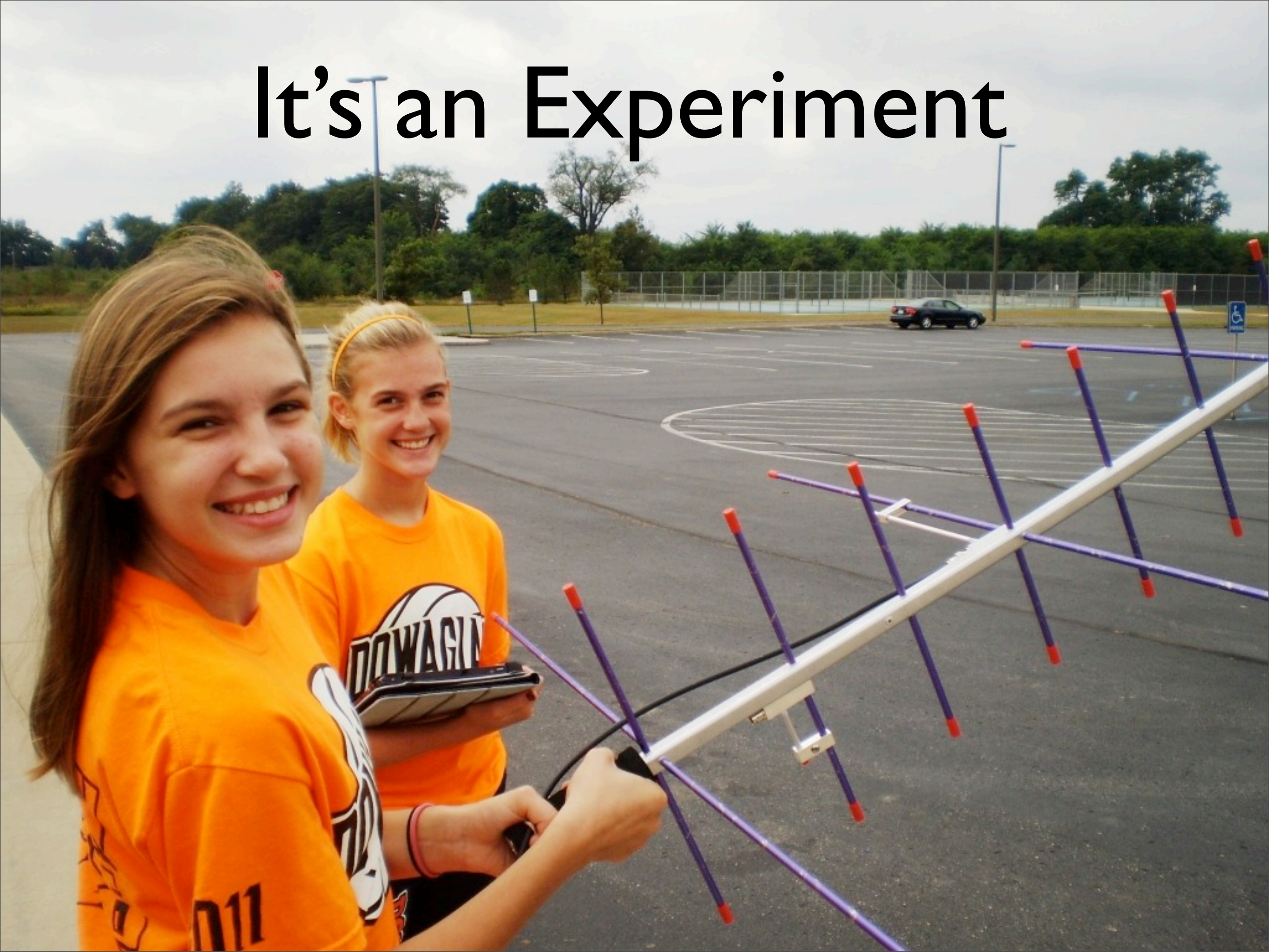
1902 - First documented trans-atlantic wireless communication



A man with short brown hair and glasses is shown in profile, wearing large black headphones with the brand name 'HEIL' visible on the ear cup. He is speaking into a black boom microphone. He is wearing a dark, textured sweater. In front of him is a piece of electronic equipment, likely a radio or a computer interface, featuring a digital display showing '14.17 160' and various buttons and knobs. The background consists of a wooden wall and a window with a white frame.

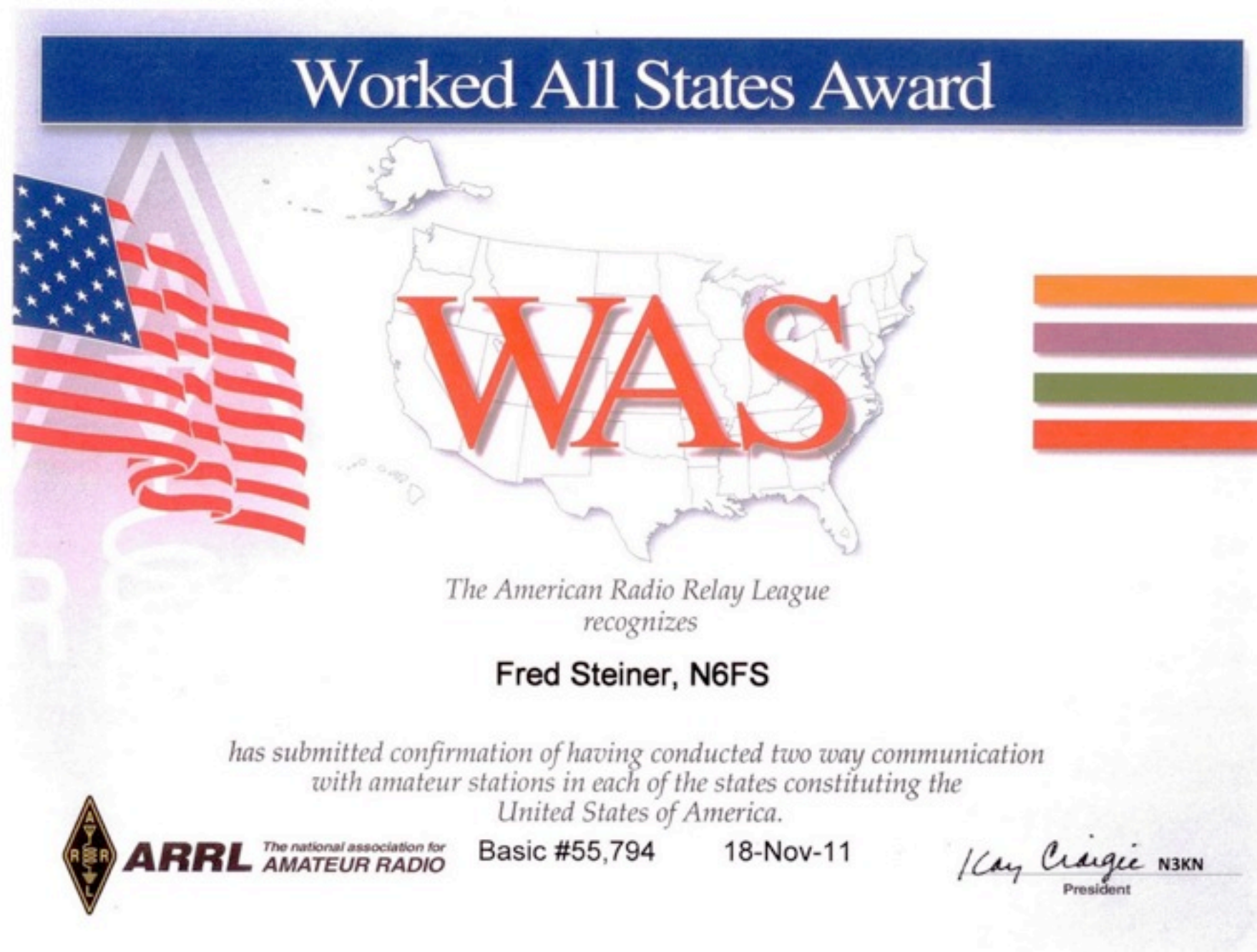
It's a Hobby

It's an Experiment



Wednesday, July 11, 12

It's "Awarding"



It's a Contest



It's an Expedition



Civil Authority Assistance

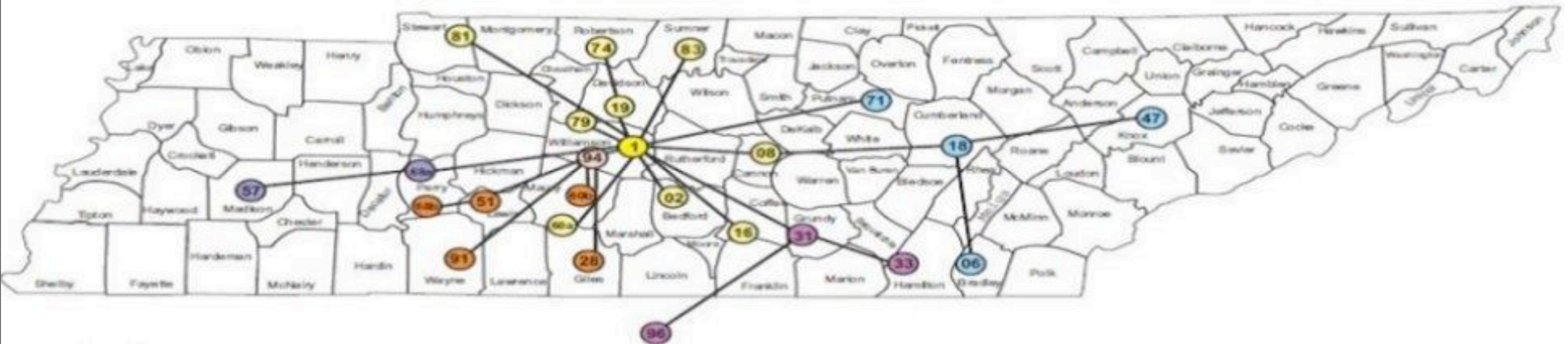


It's a Hobby (until it's not)

- 99% of the time, it's a hobby
- Remainder of the time it serves as an extra communication channel for emergencies
- Several organizations exist to help interface hams with various agencies



SkyWarn and the NWS



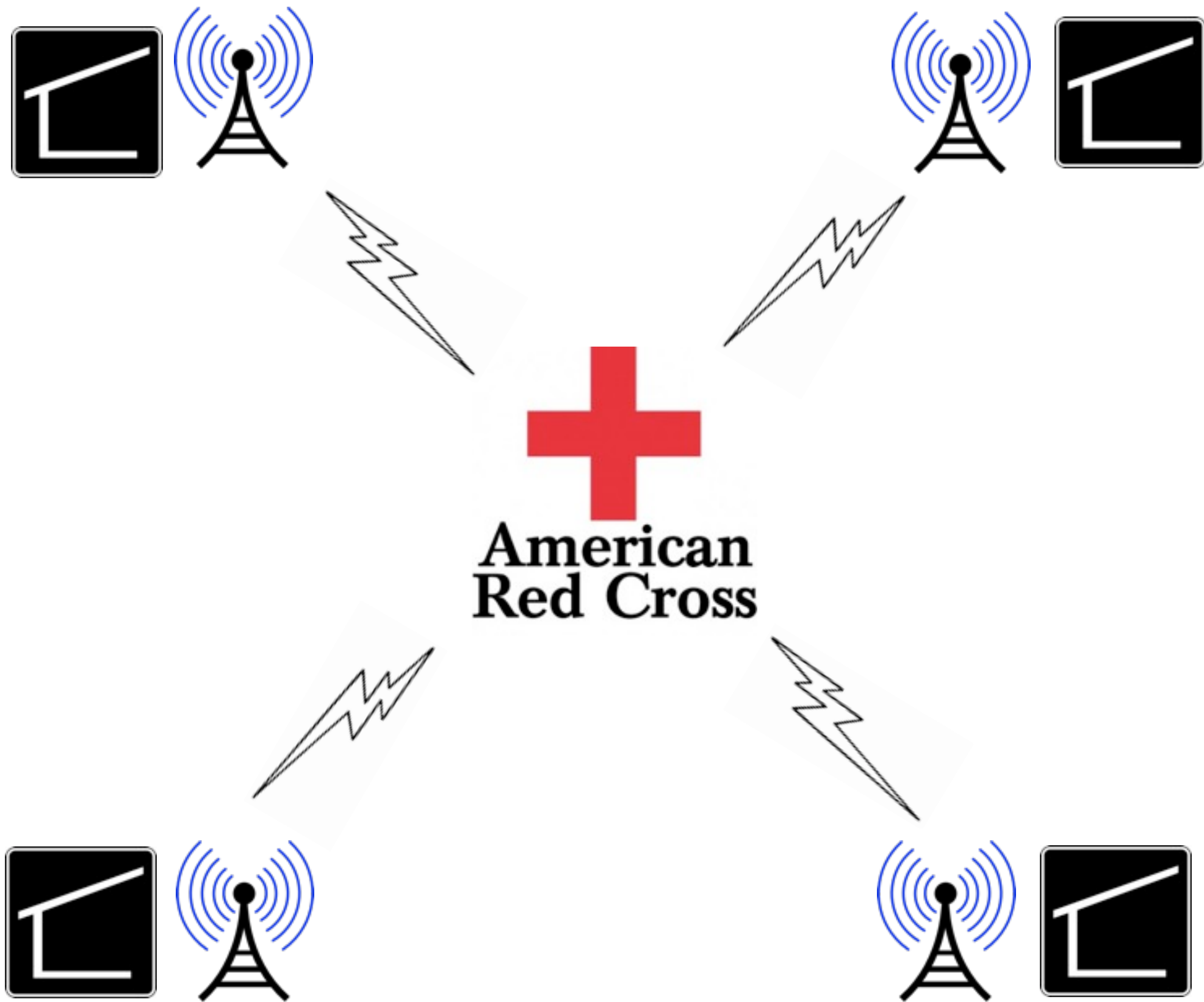
- Hams in each county report to that county's radio net control
- County net control relays reports to NWS main office



Hurricane Katrina

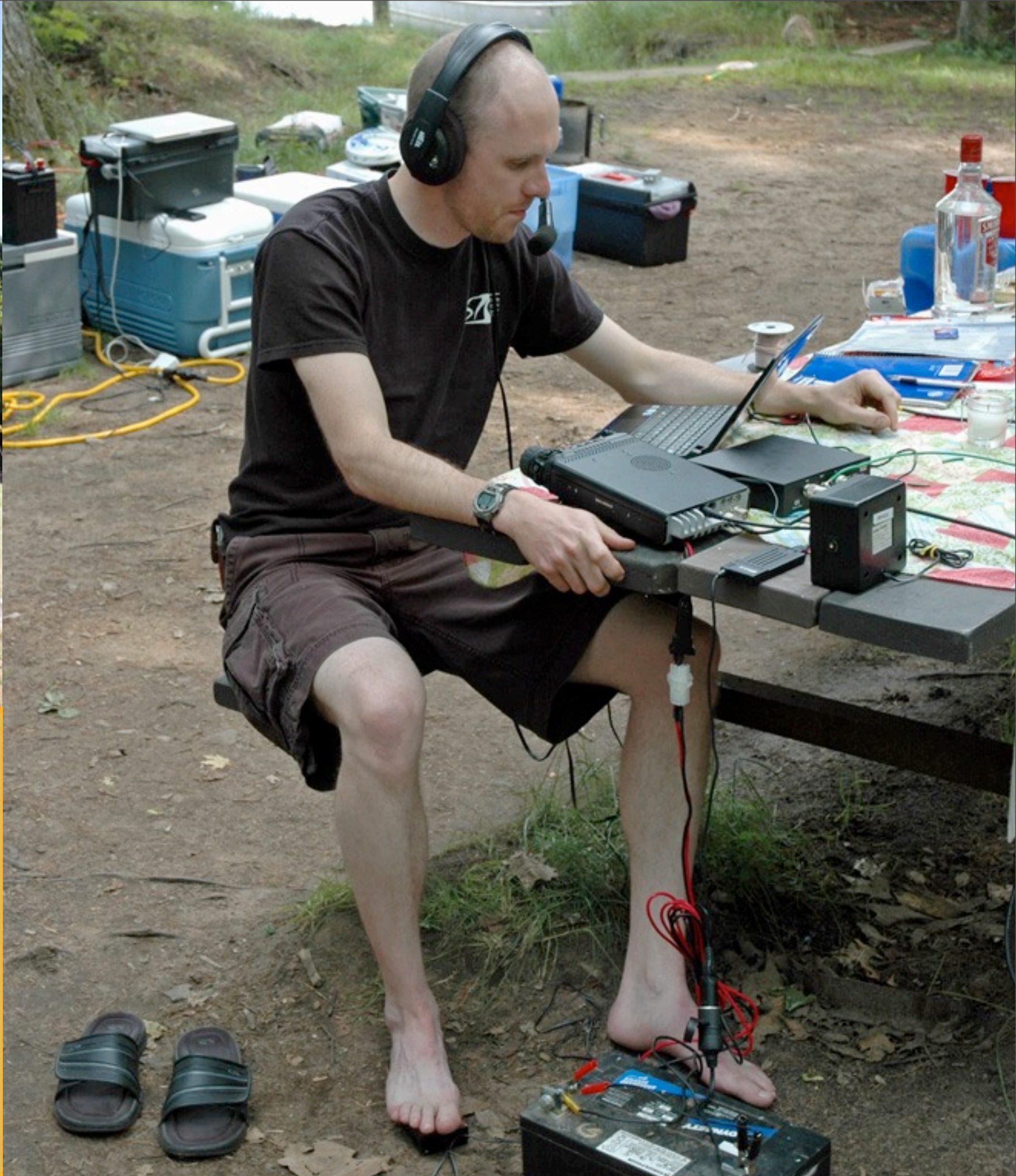


Wednesday, July 11, 12



M.A.R.E.





How do you know what to do to help?

- Served agency training sessions
- “Elmering” (mentoring) from existing operators
- On-Air practice through participation in contests, Field Day and regularly scheduled traffic nets

How to Get Involved

- Get licensed!
 - No code required
 - No age restrictions
- Find a local club
- American Radio Relay League (ARRL)
<http://www.arrl.org>

— —.— --... ...-- —.. . —.—