

Fountain Stake Jamboree On the Air (JOTA) - Oct 19, 2014

Activities

- 1) Try a hidden transmitter (fox) hunt on these frequencies (in parking lot)
 - Easy 433.915
 - Moderate 433.845
 - **Bear Hunt** 447.800 (radio tracking to **corner a moving ham operator**)

- 2) Try the **All States CQ Contest** (between rooms in the building).
 - Important! **In each room** pick a favorite state and frequency for that room.
 - listen on different frequencies to find states to contact (other rooms).
 - Call CQ or answer CQ messages to make a contact.
 - Mark on each state the name of the person you contacted.
 - Keep a running tally of the number of states and contacts you've made.

 - Use these frequencies for making state-to-state contacts (between rooms):

146.535	146.550	146.565	146.580
146.595	147.520	147.535	147.550
147.565	147.580	Change state only w/ new room or frequency	

- 3) Try these repeater frequencies to **contact scouts up to 50 miles away** (**=best);

145.265 (- 100.0)	146.760 (- 107.2)**	146.910 (- 151.4)**
146.970 (- 100.0)	147.345 (+ 107.2)	147.390 (+ 103.5)
447.350 (- 151.4)**	447.550 (- 123.0)	448.000 (- 107.2)
448.100 (- 107.2)	448.450 (- 100.0)	448.800 (- 100.0)

- 4) Use long distance (HF) communication to **contact scouts 500 to 3000 miles away**.
 - Tune the radio to answer a CQ or to find a clear spot to send a CQ
 - Use the contest skills you already learned to complete a long-distance contact.

- 5) Ask Neil Larson (registered councilor) to **sign your radio merit badge blue card**.

- 6) Talk to a licensed Fountain Stake ham operator (contacts **for help or license info**).

K0MAX	Neil Larson	3 rd Ward
WW0WW	Barbara Beavers	3 rd Ward
KD0FFC	David Duke	3 rd Ward
K0RZR	Tom Obenchain	3 rd Ward
KD0FEU	Ewald Lapolie	3 rd Ward
KD0FKB	Scott Wortherington	3 rd Ward
KD5UEI	Joseph Merkling	3 rd Ward
KF7BLE	James Taylor	5 th Ward
KF7BJC	Wendy Taylor	5 th Ward
KF7GWR	Dallas Bigdmeister	8 th Ward
KD0ZQE	Jeremiah Bess	8 th Ward
KD0LCM	Larry Mann	16 th Ward
KC0APU	Jeff Frandsen	16 th Ward
KD0YIV	Kurt Kammeyer	17 th Ward
KC7GZJ	Dave Froelich	17 th Ward
KD0FFA	Lee Peterson	17 th Ward
AC0ZP	Dirk Plowman	18 th Ward
KD0FEW	Bruce Rands	18 th Ward
KD0PJY	Dale Thompson	18 th Ward
KD0YHO	Michael Hahn	Fountain Ward
N0ZLR	Brandt Bennett	Mesa Ridge Ward
KJ0HNS	John Sherwood	San Creek Ward

How scout calls for a contact between rooms:

CQ, CQ JOTA CONTEST. THIS IS " _____ " (room call sign) **IN** " _____ " (state).

How scout answers a CQ call between rooms:

" _____ "(contact call sign), **THIS IS** " _____ " (room call sign) **IN** " _____ " (state). **OVER.**

Each scout in turn transmits the following information:

" _____ " (state) **THIS IS** " _____ " (state).

YOUR SIGNAL is 5/9 (... which means loud and clear).

NAME HERE IS " _____ " (your name).

WEATHER HERE IS " _____ " (estimated weather for your state).

HOBBIES ARE " _____ " (what you like to do).

YOU ARE MY " _____ " **CONTACT** (# contacts) **AND** " _____ " **STATE** (# states).

OVER

How both scouts in turn end contact with:

" _____ " (contact call sign) **THIS IS** " _____ " (room call sign).

THANKS FOR THE CONTACT.

GOOD LUCK " _____ " (name of scout contacted) **73** (code to end call).



Ham radio license details:

- 1) Learn answers to 300 questions (six hours study) ... study guide <https://hamstudy.org>.
- 2) Test picks 35 question to answer (cost \$15) ... practice test <http://qrz.com>.
- 3) Get 27 questions right to pass test (75%).
- 4) Youth aged 8 or less have passed the test.
- 5) Ham radio cost is \$35 (2 meter/440 units on Amazon.com).
- 6) With a ham license, you can talk to friends, help in races, parades, emergencies, etc.

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