

Iowa City Amateur Radio Club

Amateur Radio Direction Finding (ARDF) Rules

These rules follow international ARDF rules as defined in
RULES FOR CHAMPIONSHIPS IN AMATEUR RADIO DIRECTION FINDING
PART B — COMPETITION, version 2018
Approved by the IARU Region 1 ARDF WG Plenary meeting
September 8, 2017

This competition shall use transmitters operating on the 2-meter band.

Each transmitter shall transmit for 60 seconds and be off for 4 minutes.

There will be a total of 4 or 5 transmitters. (TBD). Fox transmitters will transmit in sequence, each generating the following FM/CW message, MOE, or MOI, or MOS or MO5 repeated at 8 WPM followed by an end ID, WØJV. There may be other foxes with different IDs and different frequencies. Time interval for each entrant shall be 2 hours. This is a walking competition, no vehicles.

Each contestant shall be provided a 3" by 5" record card.

The record card shall have the name of the contestant, their start time, end time, frequencies of the foxes, and a place to place paper punch symbols.

Start times for each entrant shall be staggered by at least five minutes. All entrants shall start from the same location at the scorer's table. Entrants shall submit their receivers to the scorer's table, turned off, at least one hour before the start time. Entrants shall place their name on a paper slip provided for the drawing. Start time order for entrants shall be by blind in-the-hat drawing. Entrants shall recover their receivers 5 minutes prior to their start time. No direction finding prior to start time.

Fox transmitters shall be located a minimum of 100 yards apart.

Within 3 feet of each fox will be a paper hand punch on a string. Each entrant will punch their record card when locating the fox. Each paper punch will have a unique pattern.

Foxes may be located and recorded in any order. After finding as many foxes as possible, each entrant shall return to the starting point and their score card return time recorded. If an entrant exceeds two hours, they will be disqualified. For a score card to be considered, it is NOT necessary to find all the foxes.

The winner will be the entrant who scores the most points in the least amount of time. The order of precedence shall be the number of foxes found, then the lowest time interval. Maps will be provided. Each entrant shall operate independently of others. If two people wish to operate together as a team, there shall be only ONE receiver/antenna used between them.

Prizes will be given for 1st, 2nd and 3rd place.

Contest is open to all persons whether they have an amateur radio license or not.

Start location will be monitoring 146.52 MHz, simplex. This frequency will be used for emergency/help. The Coralville repeater at 147.150 MHz, 192.8 Hz tone will be tested for coverage in Kent park. If coverage is good, then the repeater will be used for emergency instead. Which frequency to be used will be given prior to the start of fox hunt. Program your radios for both frequencies.