



Emergency Radio Communications Drill

August 20, 2022

City of Eugene Emergency Communication System will participate in a network wide emergency radio communications drill on August 20, 2022. This drill is intended to test **EmComm network response time for activation from each city district all the way to the neighborhood radio team leader** using the VHF/UHF HAM radio systems, GMRS and FRS radios.

Executive Summary

In the event of a disruption of the traditional telephone lines and cell phone use after a major disaster, radio communications will be an important alternate method of communications. The City of Eugene Emergency Communication System will hold an emergency radio communications drill on August 20, 2022 in Eugene, Oregon.

Scenario

The scenario involves an area-wide major disaster event that caused the loss of all regular emergency communications through telephone and cell phone systems. This exercise will allow the Eugene EmComm System to determine how **quickly the network can be established after self activation following a major disaster** and how effective the EmComm system functions prior to being secured by the simulated city EOC.

Drill Timeline

1000hrs All participants will begin to monitor their **designated radio frequencies** or **FRS Channels in accordance with the Neighborhood Resource Guide**.

W7ARD (acting EOC) will initiate a call to all district net controls at a time of his choosing between 1000 hrs– 1200 hrs on frequency **146.880** with a tone of 100hz.

Each radio contact will be noted on the radio log with time of contact. After being contacted by W7ARD (acting EOC) on **146.880**, each district net control will contact their neighborhood net controls on the district UHF frequency and note the time on their radio log. Neighborhood net controls will contact their neighborhood hams and note the contact time on their radio log. Neighborhood hams will contact their neighborhood radio team leaders on the neighborhood **FRS** channel and note the contact time on their radio log.

Neighborhood hams will inform neighborhood net control of the time of contact to radio team leader was made. Neighborhood net control then notifies district net control the time that all contacts were made. District net control then calls back to EOC (Matt Dillon) on **146.880** the end time that all contacts were complete for their district.

The exercise ends when all district net controls have relayed to W7ARD (acting EOC) their end times for their district contacts have been completed. Once W7ARD (acting EOC) is satisfied with the reports from the district, he will then secure the EmComm network from the exercise.