

Neighborhood and District Hams

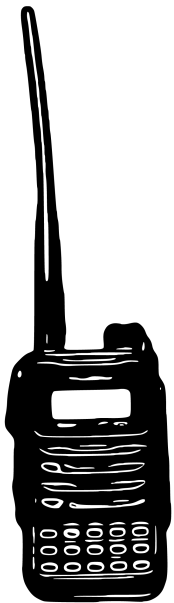
If you already have a ham radio license, you can participate at a higher level in the tree.

Neighborhood hams are very important. They will have to listen for the notifications from the FRS/GMRS search teams and forward the information to the district hams.

The district hams are next up the hierarchy. They listen for the neighborhood reports and then forward the information to the City of Eugene's Emergency Operations Center.

Review

A well defined hierarchical communications network can make sure that the City has the information that it needs to effectively disperse emergency teams to cover neighborhood incidents.



How To Become Involved

EmComm is a part of the City of Eugene's Community Emergency Response Team (CERT) effort.

For more information please visit:

CERT Web Site



eugene-cert.com

If you have interest in becoming a amateur radio operator (ham) please visit:

Valley Radio Club Web Site



www.valleyradioclub.org

Eugene EmComm area ham radio operators hold a weekly on-air net for training and practice:

Day: **Wednesday**

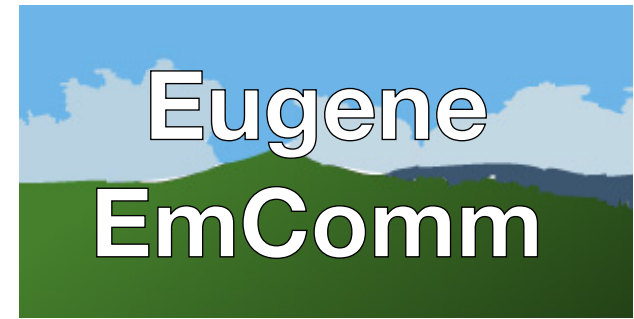
Time: **7PM**

Frequencies:

rcv: **146.8800MHz**

trans: **146.2800MHz** (2 Meters VHF)

PL Tone: **100 cps**



During a disaster or emergency event it is likely that telephones, cellphones, and Internet connectivity will be disrupted. In order to assist with emergency communications (EmComm), a volunteer group, called **Eugene EmComm** has been established.

Using amateur radios and family walkie talkies, they provide an alternate communications path to notify the city's EOC (Emergency Operations Center) of events that need attention.

Eugene EmComm Web Site



eugeneemcomm.org

Learn about:
Neighborhoods
How we communicate



What is Eugene EmComm?

Neighbors Helping Neighbors

To facilitate an orderly hierarchy of communications, the City of Eugene is broken up into 6 Districts. In turn each District is broken up into several neighborhoods:

Northwest District

- Active Bethel Citizens
- Industrial Corridor Community Organization
- River Road Community Organization
- Santa Clara Community Organization
- Trainsong Neighbors

Northeast District

- Cal Young Neighbors
- Goodpasture Islands Neighbors
- Harlow Neighbors
- Northeast Neighbors

Southwest District

- Churchill Area Neighbors
- Far West Neighborhood Association
- West Eugene Community Organization

Southeast 1 District

- Southeast Neighbors
- Southwest Hills Neighborhood Association

Southeast 2 District

- Downtown Neighborhood Association
- Friendly Area Neighbors
- Jefferson Westside Neighbors
- West University Neighbors
- Whiteaker Community Council

Southeast 3 District

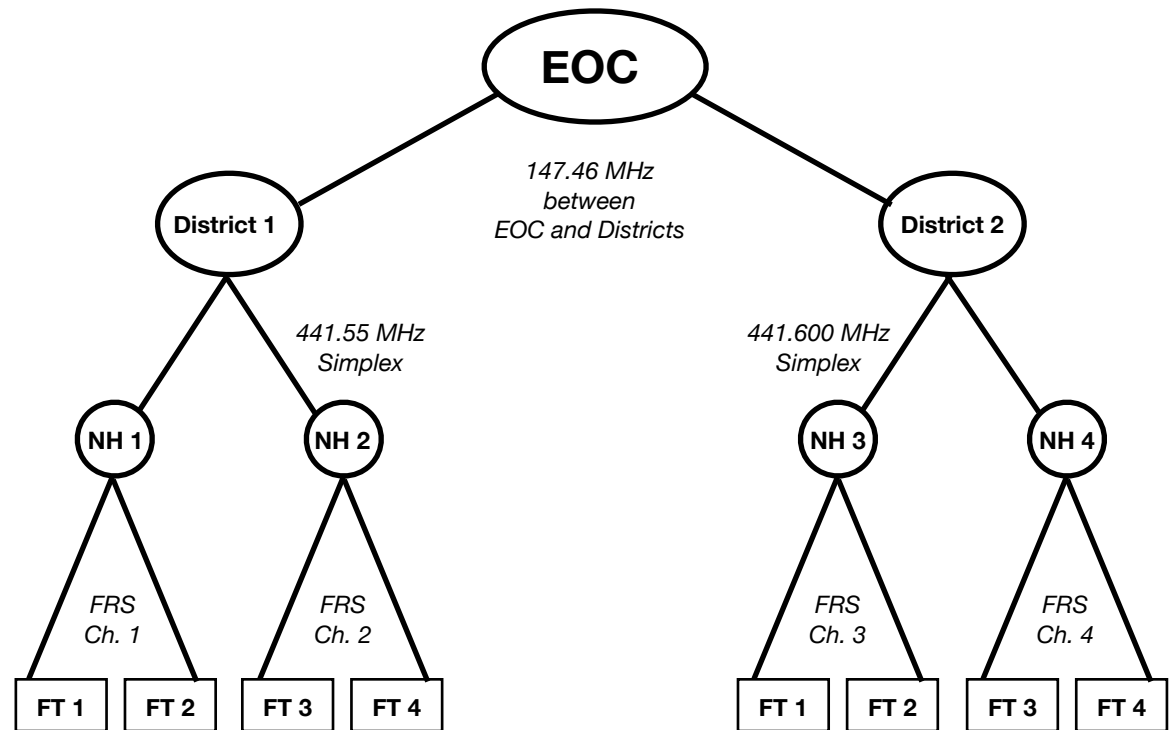
- Amazon Neighbors Association
- Fairmont Neighbors
- Laurel Hill Valley Citizens
- South University Neighborhood Association

Eugene EmComm is a growing group of citizen radio volunteers who support volunteer neighborhood assessment teams that will survey their neighborhoods for issues after a major event such as a fire or a Cascadia Subduction Zone earthquake.

Additionally, non-radio operators are important to document information using protocols defined by FEMA (Federal Emergency Management Agency).

Communications are organized in a tree fashion: for example, here are two district trees using neighborhood hams (NH) and FRS operators with Field Teams (FT):

At the grassroots level of the tree are the volunteers that scout the neighborhood for possible emergencies. They then report their findings to the next layer up via FRS/GMRS walkie talkies. These devices are available online or at the big box stores. You may already have a FRS walkie talkies for the family. The GMRS radios are more expensive, and require a license for the family. They share the same channels as FRS radios, but have higher power and more capabilities. According to the EmComm plan, each neighborhood uses a different FRS channel. This is to minimize crosstalk between neighborhoods.



example of a communications tree