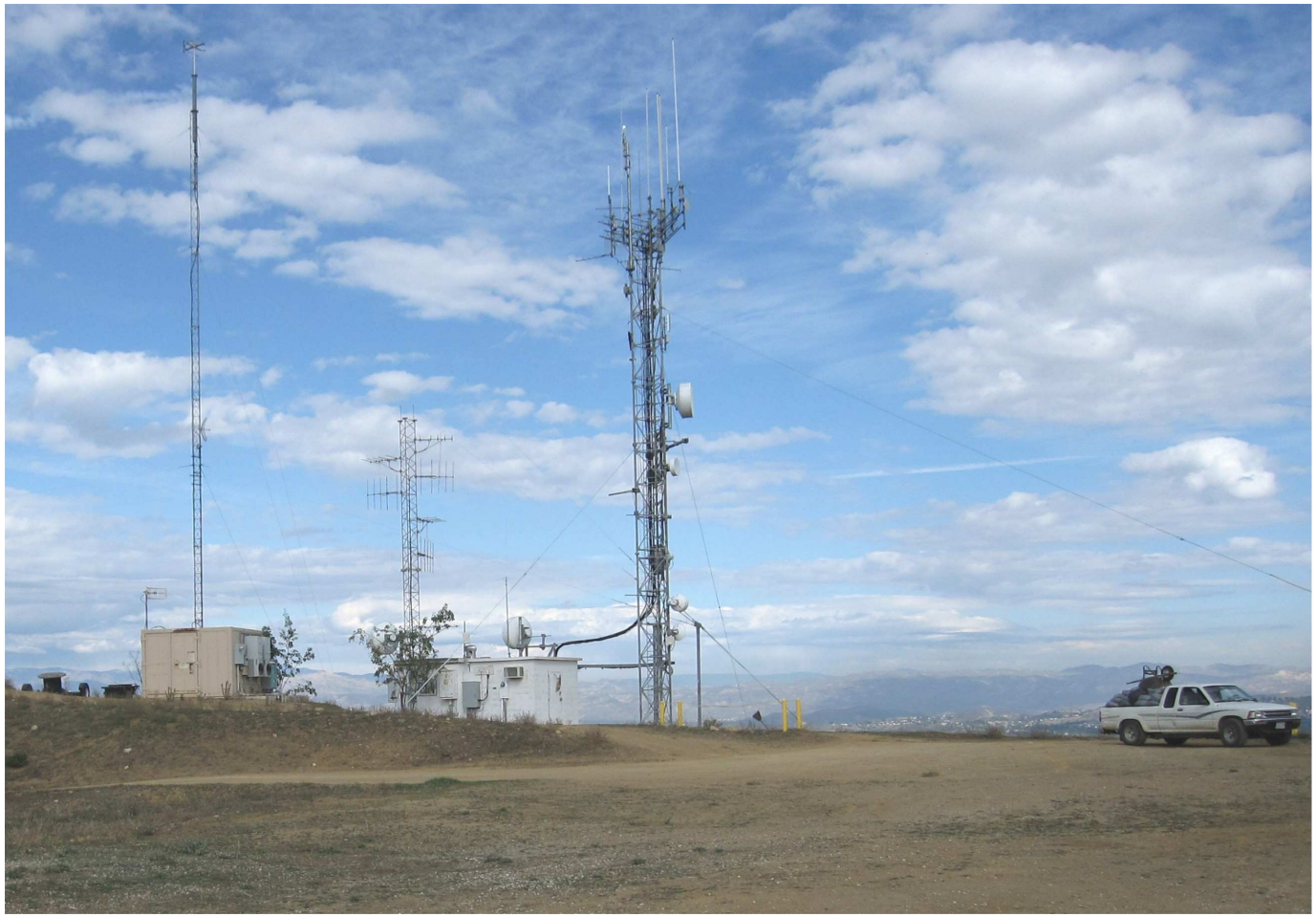
Info-Net



Info-Net

- Info-Net is an emergency communications network designed specifically to server the local amateur radio community during:
  - Fire Storms,
  - Earthquakes,
  - Severe Rain Storms,
  - Wide Spread Electrical Power Outages,
  - Telephone Outages,
  - Mass Evacuations, and
  - Other emergencies.

Info-Net Repeater

- Info-Net operates on the Thousand Oaks N6JMI 2 meter "Bozo" Repeater at:
- 147.885 MHz
- Minus off-set
- PL 127.3 Hz

Info-Net Services

- Info-Net provides information on:
  - The scope and magnitude of the evolving crisis,
  - Locations in and around Thousand Oaks that are at high risk,
  - Road and traffic conditions,
  - Evacuation routes,
  - Location of shelters,
  - News media reports,
  - Etc.

An Interactive Net

- Info-Net is an Interactive Net.
- Those participating on Info-Net
  - Obtain information on local conditions, AND
  - Provide information on conditions at their locations.
- Interactive participation rapidly increases the amount and quality of information available to those checking into the net.

Info-Net is a Directed Net

- All communications on the net is controlled by a designated net control operator.
- The net control operator ensures an orderly net in which:
  - Someone (net control) is always listening.
  - No call for help ever goes unanswered.
  - Traffic is handled strictly in accordance with priority:
    - Emergency, High Priority, Routine, Low Priority.
  - Everyone has “fair” access to the net.
  - Basic net operating procedures must be followed by everyone participating in the net.
    - www.ares-thousandoaks.com

Emergency Operations Net

- Info-Net is strictly an information net.
- What net do you and other radio operators use to “work through a problem”?

Emergency Operations Net (cont.)

- Info-Net is strictly an information net.
- What net do you and other radio operators use to “work through a problem”?
- Utilize simplex communications if at all possible.
  - The net control operator on Info-Net will give you recommended simplex frequencies, and
  - Keep track of the local simplex frequencies in use.

Grissom Emergency Operations Net

- Info-Net is strictly an information net.
- What net do you and other radio operators use to “work through a problem”?
- Utilize simplex communications if at all possible.
  - The net control operator on Info-Net will give you recommended simplex frequencies, and
  - Keep track of the local simplex frequencies in use.
- If simplex is not possible, the Info-Net operator will direct you to the Grissom Repeater on 146.850 MHz, minus off-set, PL 94.8 Hz.

Grissom Emergency Operations Net (cont.)

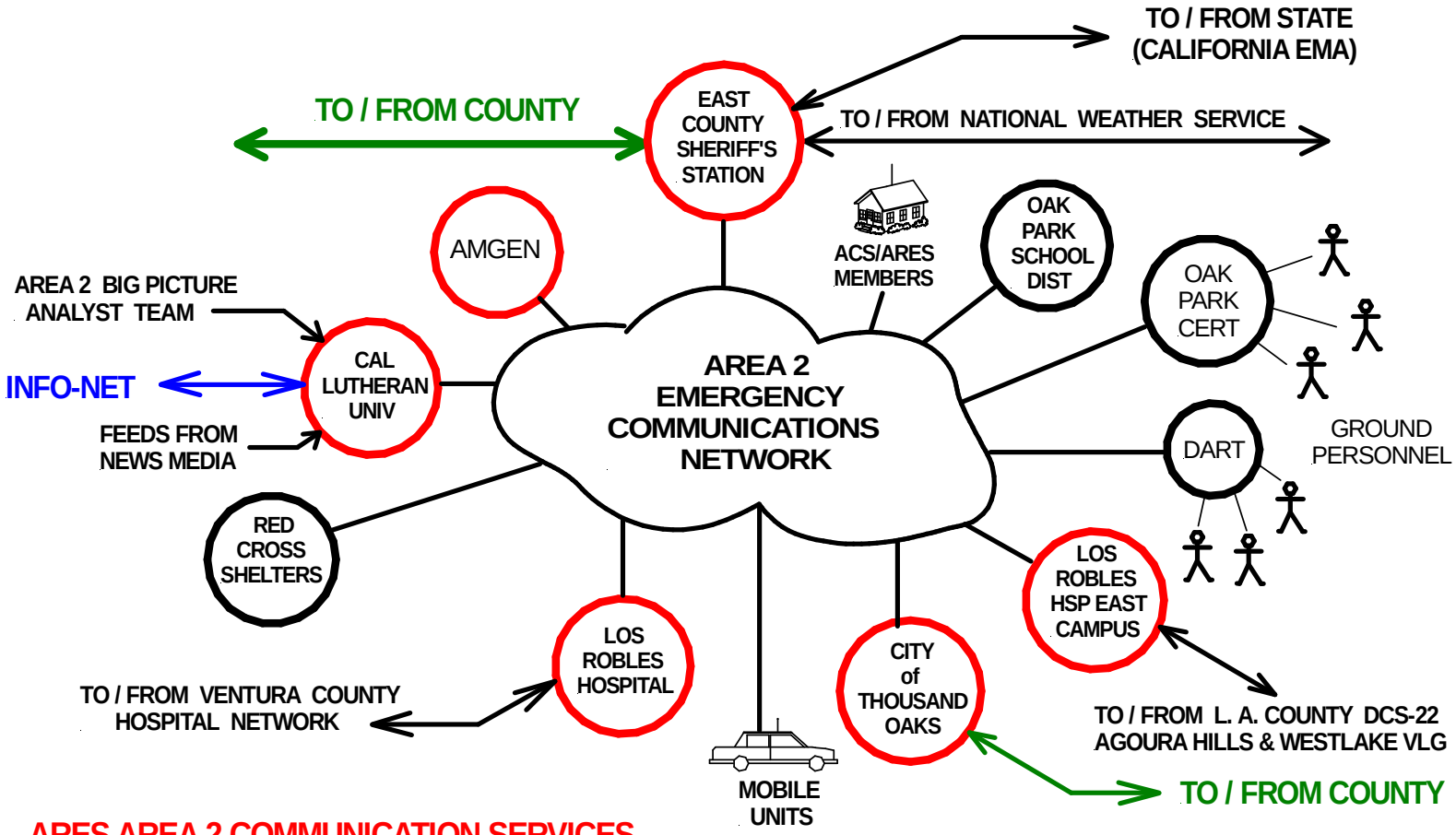
- Check in with the Grissom net control operator.
- The Grissom Emergency Operations Net is run out of the East County Sheriff's Station (ECSS) ARES Radio Room by direction of the Thousand Oaks Police Department.
- The Grissom net control operator will help you work through your problem, including allocating you net time to coordinate with others.
- The Grissom Emergency Operations Net is a very tightly controlled net.
  - A lot of emergency operations traffic is carried on this net.
  - You must follow the directions of the net control operator.

Goal of Info-Net

- During an emergency, the goal of Info-Net is to provide you with the best available information on the evolving disaster !
- Better information than you can obtain anywhere else.
- To achieve this goal there must be a substantial infrastructure behind Info-Net, and there is.

ARES EMERGENCY COMMUNICATIONS SYSTEM
FOR THOUSAND OAKS (Area 2)

2/25/2012



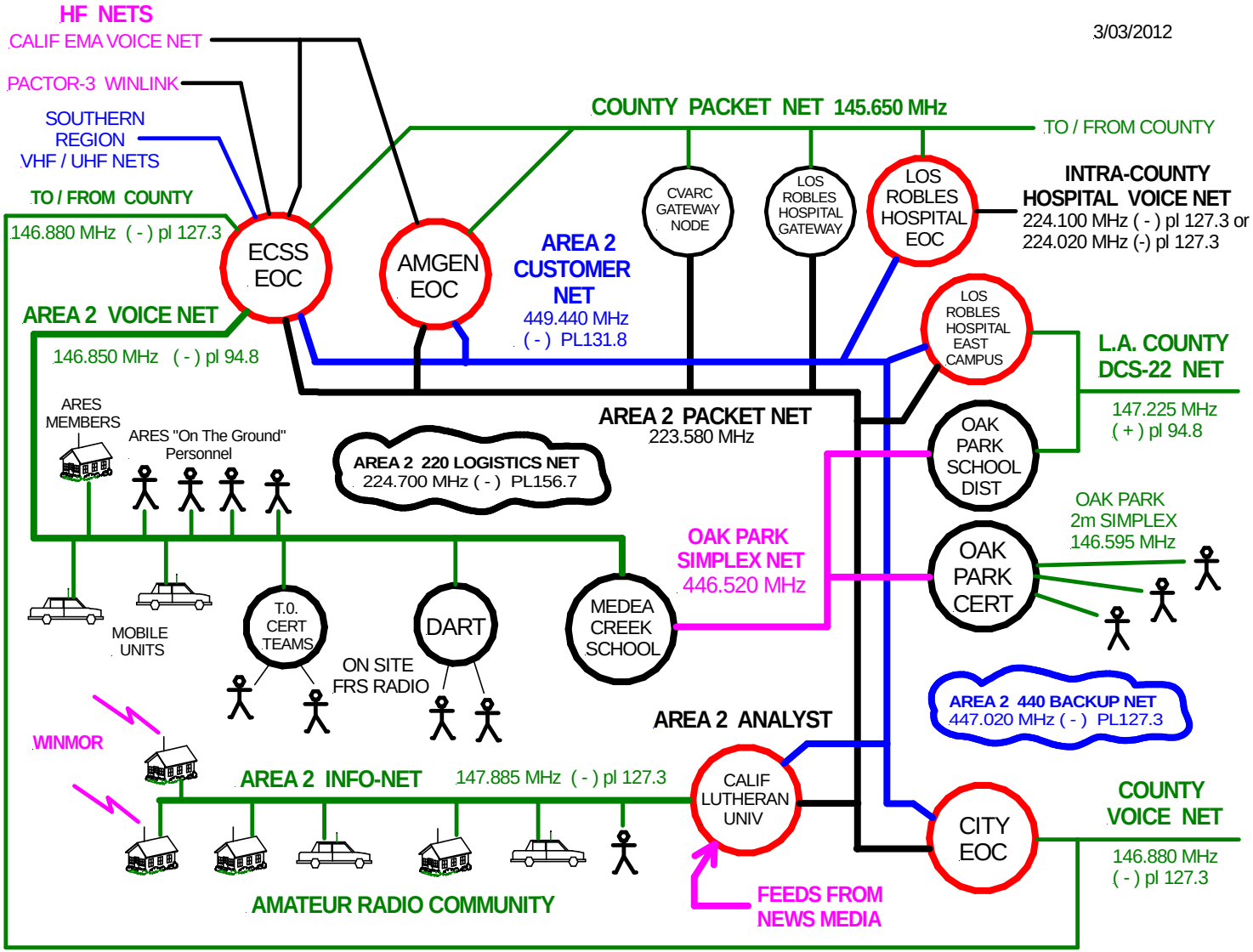
ARES AREA 2 COMMUNICATION SERVICES

1. Provide communications between EOCs, field sites, and supported organizations.
2. Provide EOCs, organizations and field sites with information on the scope and magnitude of the evolving crisis.
3. Provide an Info-Net for collecting information from and providing information to all area amateur radio operators.
4. Provide the coordination for local Health & Welfare communications.

Detailed Emergency Communications Network Architecture

- The following diagram shows the internal architecture for the Thousand Oaks Emergency Communications System.
- This is what is inside the “network cloud” shown in the previous high level network diagram.

Area 2 Emergency Communications System



ARES Area 2 (Thousand Oaks) Website
www.ares-thousandoaks.com

- This website covers all aspects of the Thousand Oaks ARES Emergency Communications System including:
  - Calendar of Events
  - Operations
    - Area 2 Communications Plan
    - Basic Communication Skills
    - Net Control Skills
  - Leadership
  - Joining ARES
  - Technical Articles
    - Contains the research papers on which the communications system is based.
    - This presentation is available under the Technical Articles tab.
  - Training
  - Operating Frequencies.

Summary

- Info-Net is design specifically to give you, the amateur radio operator, the communications support that you need during an emergency.

- Through Info-Net you become an active participant in the extensive Thousand Oaks ARES Emergency Communications System.

- You play a critical role !