Cupertino Amateur Radio Emergency Service

- Topic: 2007 Emergency Field Communications Drill (a.k.a. Field Day!)
- Speaker: Jim Oberhofer KN6PE, EC Cupertino ARES
- Date: Thursday, 07-June-2007, 19:30
- Event: Cupertino ARES meeting, Orientation Training

2007 Field Day Prep



What is Field Day?

- Annual amateur radio exercise that encourages emergency communications preparedness.
- First ARRL Field Day in 1933 (first CARES Field Day in 1999)
- practice rapid deployment of radio communications equipment
- Using emergency and alternative power sources since electricity and other public infrastructures are often among the first to fail during a disaster
- Integrated contesting component provides the "Fun!"



CARES approach to Field Day

- Emergency Field Communications Drill
- Scenario: Devastating earthquake that severely damages City Hall and EOC
 - What capabilities can we pull together to get on the air?
 - What can we provide from our homes to support an emergency response?



What's different for 2007

- This is the first year to expose Tech License holders to HF... it is now within your reach!
- Look to try something new



Field Day 2002

















Field Day 2004







Field Day 2005





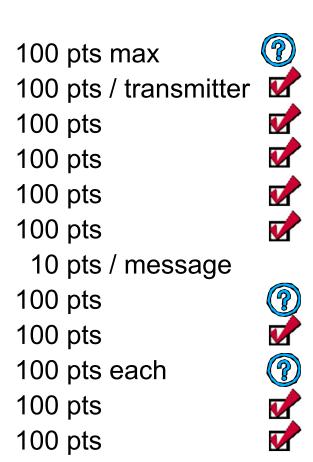






What's possible

- GOTA
- Emergency Power
- Media Publicity
- Public Location
- Public Information Table
- NTS message to SM, SEC
- Handle NTS traffic
- Contact through a Satellite
- Copy the W1AW bulletin
- New Modes (APRS, ATV, SSTV)
- Invite a Govt official
- Invite a served agency rep





What could we try that's different?

- Solar power
- APRS
- Satellite Contact
- New equipment... power, radios, antennas
- GOTA
- UHF, VHF AM, SSB



What we need

- Media... write/update an article
- Invitations to City Officials, Served Agencies
- Copying the W1AW bulletin
- Information Booth
- Logistics
 - Tents, tables, chairs
 - Generators
 - Lunch run
- HF Stations (Radios, Antennas)
 - HF #1
 - HF #2
 - GOTA
- VHF Stations (Radios, Antennas)
 - Voice (contacts, talk-in)
 - Packet



What do we want to do?

• ...





