
Cupertino Amateur Radio Emergency Service

Topic: 2007 Emergency Field Communications Drill (a.k.a. Field Day!)

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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 2003



Field Day 2004






Field Day 2005



Field Day 2006



What's possible

- | | | |
|-------------------------------|-----------------------|---------------------------------------------------------------------------------------|
| • GOTA | 100 pts max |  |
| • Emergency Power | 100 pts / transmitter | <input checked="" type="checkbox"/> |
| • Media Publicity | 100 pts | <input checked="" type="checkbox"/> |
| • Public Location | 100 pts | <input checked="" type="checkbox"/> |
| • Public Information Table | 100 pts | <input checked="" type="checkbox"/> |
| • NTS message to SM, SEC | 100 pts | <input checked="" type="checkbox"/> |
| • Handle NTS traffic | 10 pts / message | |
| • Contact through a Satellite | 100 pts |  |
| • Copy the W1AW bulletin | 100 pts | <input checked="" type="checkbox"/> |
| • New Modes (APRS, ATV, SSTV) | 100 pts each |  |
| • Invite a Govt official | 100 pts | <input checked="" type="checkbox"/> |
| • Invite a served agency rep | 100 pts | <input checked="" type="checkbox"/> |

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?

- ...

