



ARRL Field Day 2019

C.A.R.E.S. Operation

June 22, 2019



Agenda

- What is Field Day?
- Cupertino Preparedness Fair
- Promotions
- CARES Field Day Plan
- Field Day Equipment
- Operational Schedule
- Volunteers & Needs
- What to bring to Field Day
- It's After Field Day, Now What?



What is Field Day?

- An annual ARRL sponsored 24-hour event held on the fourth full weekend in June
- Objectives
 - To setup communication operations “under abnormal situations in less than optimal conditions.”
 - To work as many stations as possible
 - Demonstrate to the public what amateur radio service is about and how it can serve them in times of crisis and disasters
 - Public showing of how CARES prepares and serves our community



Cupertino Preparedness Fair

- A public event sponsored by the city for residents of Cupertino and surrounding cities
- Educate the public on emergency preparedness
- Held at the Quinland Center
- Served agencies will include:
 - San Jose Sheriff
 - Santa Clara County Fire and CalFire
 - Ambulance Services
 - American Red Cross
- CARES Field Day will be combined with the Cupertino Preparedness Fair



CARES Field Day Promotion

- Cupertino Scene
- Cupertino.org Event Calendar
- Cupertino AM Radio 1670FM
- KTVU Channel 2
- KCBS 740AM / 106.9FM
- Invitations have been sent to:
 - Mayor Steven Scharf and Cupertino City Council
 - ARRL Section Manager and Vice Director
 - Brandon Bianchi (NI6C) ARRL Section Manager
 - Kristen McIntyre (K6WX) ARRL Vice Director



CARES Field Day Plan

- CARES Call Sign: **K6KP**
- GOTA Call Sign: **AG6GX**
- Field Day Category: **2F SCV**
- ARRL Class F is EOC designation
- EOC Activation Number: **CUP-19-32T**
- EOC activated and operating on 100% emergency power < 150 watts for each station
- Location:
 - Quinlan Community Center rear parking lot

NOTE: No need to establish or maintain an ICS-214



CARES Field Day Plan

- Operating Stations
 - Two HF Stations
 - Bands: 40m, 20m, 15m (10m unlikely)
 - Modes: CW, SSB Phone , PSK31, FT8
- GOTA HF station
- VHF/UHF Station in Com Van 469
 - Modes: FM Voice, Packet
- MESH Network



CARES Field Day Equipment

- One Tri-band HF beam antenna: 20m, 15, 10m
- One Triplexer for multiple stations on tri-band antenna
- One 30 foot push-up mast with guylines
- One Buddy pole antenna for 40m NVIS communications
- Com Van 469 Cupertino
- Com Van 1629 CalFire Morgan Hill

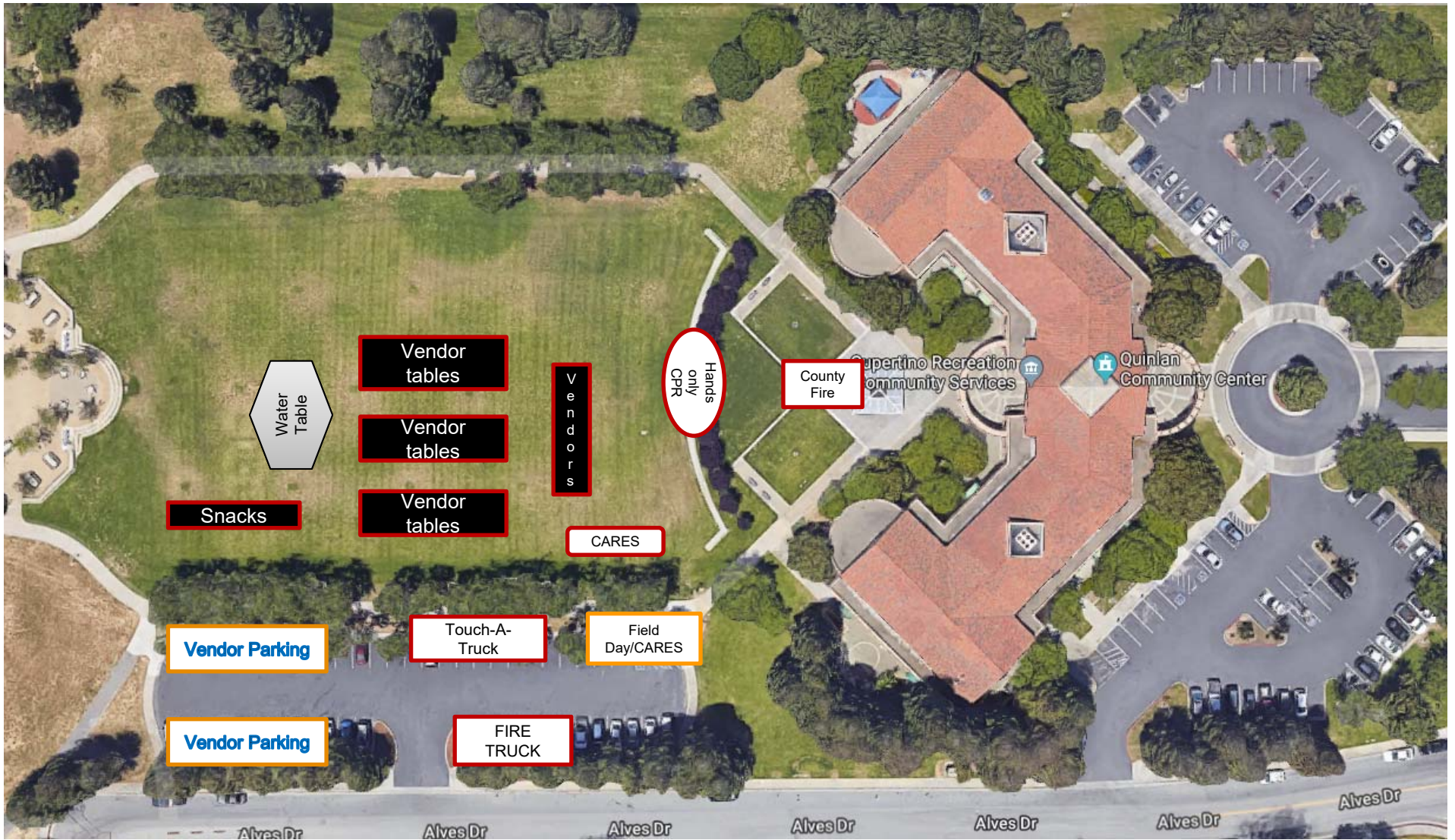


CARES Field Day Equipment

- Several runs of coax
- 7 KW generator from ComVan 469, power strips, extension cords
- Fire extinguishers from ARKs
- 4 canopies, 8 tables, 13 chairs
- Information booth with CARES literature and public sign-in visitor's log
- Food and drinks provided by the Fair



Cupertino Preparedness Fair / CARES Field Day Layout



CARES Field Day Schedule

- 6:45 – Com Vans and ARK supply trailer arrive on site
- 7:00 – Setup volunteers arrive at Quinlan Center
- 7:10 – Site planning, safety briefing, assignments
- 7:15 – 9:30 - Site setup (canopies, antennas, Com Vans, radios)
- 9:45 – 10:00 – Site Briefing and safety checks
- 10:00 – Preparedness Fair opens to public
- 10:45 – 11:00 – Field Day Operation briefing (if necessary)
- 11:00 – (1800 Zulu) ARRL Field Day radio operations begin
- 12:30 – Lunch arrives
- 16:00 – 17:00 – Disassemble site, return equipment



CARES Field Day Operations

- Operate all radios and log contacts
- Greet and welcome the public, answer questions
- Media Interviews
 - Press and other media organizations
- Visits by Cupertino elected officials and served agencies
- Visit by ARRL section leaders
 - Brandon - NI6C – ARRL Section Manager
 - Kristen - K6WX – ARRL Vice Director Western Division
- Photography for ARRL Submission
- Enjoy the day, stay cool and have fun!



CARES Field Day Needs

- Volunteers needed for setup and teardown
- Listen for and copy down W1AW bulletin (K6PH will broadcast the W1AW bulletin for the West Coast)
- Establish MESH network
- Station operators
- Man the information table and take public sign-in
- Follow-up after Field Day to contact individuals



What to bring to Field Day

- Communications Vest
- CERT hard hat
- CARES Badge
- Sturdy shoes
- HT
 - We can use TAC 3 for morning arrivals
 - DMR if you have one and want to show it off
 - Contacts made with DMR cannot be counted in the Field Day score
- MESH setup if you have one



After Field Day, Now What?

- Follow up on visitors log for those who expressed an interest in Citizen Corps
- ARRL Field Day Submission
 - Calculate bonus points and QSO score
 - Put together all supporting documents
 - Submit scoring sheet and supporting documentation to the ARRL within 30 days
- After Action Report for city EOC activation
 - Write AAR and submit within 90 days





Call Sign

K6KP

Category and Section

2F SCV





**GET ON THE AIR
(GOTA)**

Call Sign

AG6GX

Category and Section

2F SCV



Interested in Getting Your Amateur Radio License?

The following are links to several VE and test locations for obtaining your amateur radio (ham) licenses:

Name / Location	Website
Sunnyvale VEC ARC	www.amateur-radio.org/
BAEARS - Bay Area Educational Amateur Radio Society	www.baears.com/
Silicon Valley VE Group – Saratoga Fire Station	www.svve.org/
W5YI-VEC	www.w5yi.org

Additional information can be found at:

Ham Radio Outlet
2210 Livingston S
Oakland, CA 94606
(510) 534-5757

The ARRL
Amateur Radio Relay League
www.arrl.org
Search for VEC:
www.arrl.org/find-an-amateur-radio-license-exam-session



Thank you

Any Questions?

