
Cupertino Amateur Radio Emergency Services Emergency Plan

1. Introduction

- 1.1. The Cupertino Amateur Radio Emergency Service (CARES) is made up of FCC-licensed Amateur Radio operators who live and work in Cupertino, and have voluntarily registered their capabilities and equipment for public service communications duty.
- 1.2. Under Federal regulations (CFR 47.97), Amateur Radio public service communications are furnished without compensation of any kind. However, these regulations do not exclude reimbursement for direct out-of-pocket expenses incurred by the Amateur in the performance of his assigned duties.
- 1.3. The CARES organization operates under the direction of the Cupertino Emergency Coordinator/ Radio Officer (EC/RO), an appointed position by the ARRL Section Manager (the EC portion) and the City of Cupertino (the RO portion).
- 1.4. The EC/RO may appoint Assistant ECs/Deputy ROs (AEC/DROs) as needed for CARES to function efficiently.

2. Purpose

- 2.1. The purpose of this plan is to provide a written guide containing the *minimum* information that would be needed in an emergency. Each emergency is different and flexibility to provide an adequate response to each emergency is a necessity. Refer to the *CARES Standard Operating Procedures* and supporting documents published at <https://www.cupertino.org/>.
- 2.2. The primary responsibility of CARES is to provide backup communications in the event of a disaster when regular communications fail or is inadequate. These emergency communications are provided to reduce the loss of life and property, and may not be used to replace other modes of communication (if they are available) in conducting the normal business of the served agencies.
- 2.3. Adequate drills, training, and instruction shall be carried out to ensure the CARES organization is ready to respond quickly in providing effective emergency communication whenever a need may arise.
- 2.4. The following agencies and organizations have entered into formal agreements with CARES for emergency communications support:
 - City of Cupertino
 - Santa Clara County Fire Department
 - Cupertino Sanitary District
 - San Jose Water Company

3. Activating the Plan

- 3.1. On notification by the DHS National Terrorism Advisory System (NTAS), CARES has a standing order from Cupertino OEM to shift to INCREASED READINESS OPERATIONS.
- 3.2. During self-announcing natural disasters, CARES is authorized to auto-activate to provide situation status and Infrastructure Safety Assessments provided it is safe to do so, per the *Emergency Operations Plan, 2090, City of Cupertino*.
- 3.3. CARES will transition to INCREASED READINESS OPERATIONS or an Emergency Response posture (INITIAL or EXTENDED RESPONSE OPERATIONS) on verbal or written

notification from the Cupertino Citizens Corps Coordinator or Cupertino Director of Emergency Services to the EC/RO or any AEC/DROs of a pending or in-progress emergency.

- 3.4. A CARES activation requires the following information:
 1. a definition of the emergency
 2. a preliminary assessment of the mission assigned to CARES
 3. a City activation number
 4. Operational Period
 5. Named city staff supervisor to whom CARES will report
- 3.5. The announcement of a CARES activation will be made by any and all reasonable means of communication available to its members and will include all elements listed in Section 3.2 above.
- 3.6. Any member of CARES who, for any reason, suspects a communications emergency exists should monitor the CARES net for activity (see Section 4.2).

4. Mobilization Procedure

- 4.1. If telephone service is available, then AlertSCC will be used by the City to mobilize CARES members.
- 4.2. Upon awareness or notification that a communications emergency exists, members of CARES will check in to the Cupertino Emergency Net on 440.150, positive offset, PL 100.0 Hz.
- 4.3. The EC/RO or an AEC/ARO will assume, or delegate another CARES member as, the Net Control Station (NCS).
- 4.4. The EC/RO or an AEC/ARO will determine each responding member's readiness for an assignment.
- 4.5. The City Emergency Management function will be executed from Cupertino City Hall Emergency Operations Center (EOC) or an alternate site as designated by Cupertino OEM.
- 4.6. CARES field units may be activated and dispatched. The City's Public Safety Communications Vehicle will be deployed and staffed at the location where the EOC function is established.
- 4.7. Stations operating as a Net Control Station will be extensively used during a communications emergency. Net Control Stations must have full emergency power capability. NCS will have relief operators assigned to ensure continuous operation.

5. Duties of NCS

- 5.1. The Cupertino Emergency Net will be established by the NCS.
- 5.2. CARES members will check into the net from their mobiles or home stations to await further instructions.
- 5.3. NCS will direct CARES members to perform a Preliminary Damage Assessment of their immediate surroundings or take other appropriate actions. CARES members will report their results or findings to the EOC on the Cupertino Emergency Net under the direction of the NCS.
- 5.4. CARES members will be assigned to monitor the following Santa Clara County Section nets and commercial stations:

• KCBS	740 KHz	LP1, National Primary EAS Station
• KSOL	98.9 MHz	LP1S, National Primary EAS Station
• KQED	88.5 MHz	LP2, National Primary EAS Station
• KSJO	92.3 MHz	LP2, National Primary EAS Station
• WQGH344	1670 KHz	Cupertino Community Radio
• AA6BT	146.115+, PL 100	County RACES Resource Net (Pri)
• W6GGF	442.500+, PL 100	County RACES Command Net

6. Operations

- 6.1. CARES members are deployed as needed to in-city Cupertino ARKs, Community Access Points, other City locations as required, and Santa Clara County Fire stations.
- 6.2. Radio operations in the field will occur as follows:
 1. Neighborhoods, Block Leaders, and unaffiliated CERT members will coordinate and communicate among themselves using FRS radio.
 2. Communications from Neighborhoods, Block Leaders, and unaffiliated CERT members with their local ARK will be either in person or by using the ARK FRS/GMRS radio system.
 3. CARES will provide radio communications from each assigned field location to the Cupertino EOC using standard message handling procedures and owned communications assets.
- 6.3. All third-party messages must be in a standard form appropriate to the served agencies.
- 6.4. All messages containing official content must be signed by the official who originates them, with his/her title, thereby taking responsibility for their contents.
- 6.5. Messages will be conveyed in the order of precedence listed below. However, no message will be delayed by the inability to service a message of higher precedence.
 1. **EMERGENCY: LIFE-THREATENING**; situations, reports, and updates that might directly result in deploying or prioritizing resources for an incident involving life-saving efforts. When in doubt, do not use this designation.
 2. **URGENT: PROPERTY-THREATENING**; situations and reports of new threats, revised flood projections, wind direction changes in a major fire, and reports of additional damage from an earthquake aftershock suggesting additional rescue efforts or surveillance.
 3. **ROUTINE**: Includes PSA reports, correspondence between agency representatives, material and logistics messages, routine resource requests, shift planning, relief requests, etc.
 4. **Health and Welfare**: welfare inquiries
- 6.2. All stations with message traffic pending will state the precedence of their traffic to the NCS when asked to do so. Stations do not transmit unless directed to do so by the NCS. The only exception to this is for a station having EMERGENCY traffic.

7. Drills, Tests, and Alerts

- 7.1. An annual test will be conducted in the Fall each year in conjunction with the nationwide ARRL Simulated Emergency Test. Participation in this test will be coordinated with served agencies and other ARES/RACES organizations to the fullest extent possible. The results of the CARES participation in the Test will be reported to both the City of Cupertino and the ARRL.
- 7.2. CARES will regularly support public event communications in conjunction with local events as requested, to test effectiveness of the organization.
- 7.3. The Cupertino Emergency Net meets every Tuesday at 19:45 local time.
- 7.4. At the discretion of the EC/RO, CARES will be activated unannounced by the AlertSCC at least once per year to test the effectiveness of this process.