

After Action Report

2015 Sheriff's Hero 5K Run



Cupertino Citizen Corp

1. Overview

Description: 2015 Sheriff's Hero 5K Run
Event Date: 7 November 2015
Report Date: 13 December 2015
CARES Event: CUP-15-24T
RACES Event: CUP-15-24T
Control: Cupertino Citizen Corp
Report Revision: Rev 2.0-Final
Submitted by: Allan Gontang KD6QPP

Requirements for Reporting

Completing an After Action Report is part of the required SEMS reporting process. The Emergency Services Act, Section 8607 (f) mandates that the Office of Emergency Services (OES) in cooperation with involved state and local agencies complete an After Action Report within 120 days after each declared disaster. Section 2450 (a) of the SEMS Regulations states that, "Any city, city and county, or county declaring a local emergency for which the governor proclaims a state of emergency, and any state agency responding to that emergency shall complete and transmit an after action report to OES within ninety (90) days of the close of the incident period as specified in the California Code of Regulations, Title 19, s2900(q)."

CARES will follow this requirement for reporting the results and recommendations for this Public Service Event.

i. Introduction and Background

Terms

- CCC:** Cupertino Citizens Corps; composed of CARES, CERT, MRC and Block Leaders.
- CARES:** Cupertino Amateur Radio Emergency Service, ARES/RACES organization supporting the City of Cupertino.
- CAS:** Cupertino Alert System
- CERT:** Community Emergency Response Team. Community Emergency Response Team; trained in light search and rescue, disaster medicine, fire suppression and Help Desk.
- CP:** Command Post. The tactical location for managing the event. A CP was established by the Sheriff's Office to manage the SO resources assigned to the event. A CCC CP was established to support the Volunteer response.
- DPW:** Department of Public Works
- ICP:** Incident Command Post. A temporary physical location used for the purpose of on-scene incident command and management at the tactical level.
- MRC:** Medical Reserve Corps. Volunteers that supplement the existing emergency and public health resources.
- NCS:** Net Control Station

OES :	(Cupertino) Office of Emergency Services
<u>PSC:</u>	Public Safety Commission
<u>RCS:</u>	Recreation and Community Services (formerly Cupertino Parks and Recreation Department)
SCC:	Services Santa Clara County; usually used in conjunction to references of County RACES, County OES, or County EOC
<u>SO:</u>	Santa Clara County Sheriff's Office, event co-producer
<u>VMC:</u>	Valley Medical Center Foundation, event co-producer

Introduction

The SO and VMC co-sponsor an annual [Sheriff's Heroes](#) 5K run/walk fund raiser for the Pediatrics Unit of VMC. In 2015, as in 2014, the venue was Cupertino and conducted as a near clone of Cupertino's Spring *Big Bunny Run*. This year, the event raised \$38,000 for VMC. There were 544 participants, 200 spectators and 100 volunteers involved.

The SO requested that Cupertino ARES provide race course communication and monitoring, similar to the Big Bunny Run. Additionally, the SO and VMC requested MRC to staff a first aid booth near the finish line, just as they do for the Big Bunny Run.

The City of Cupertino authorized the event under training activation number CUP-15-24T. This report covers the activities undertaken by responding CCC members and the findings from that event.

ii. Type / Location of Event / Drill / Exercise

Event Type: City Community Event Activation

Event Identifier: CUP-15-24T

Event Name: 2015 Sheriff's Hero 5K Run

Location: City of Cupertino

iii. Description of the Event / Drill / Exercise

Cupertino Citizen Corps objectives:

1. Manage field radios positioned in neighborhoods from a net control station located outdoors at the Civic Center.
2. Pass communications of relevance to the SO's Command Center using a shadow stationed in the Command Center.
3. Provide race status to SO.
4. Provide first aid service to runners at the finish line.
5. Test deployment of CARES Mesh Network at a real event. (CARES only, no impact on Run participants or sponsors)

CCC event resources came from the following organizations:

1. Cupertino ARES/RACES: Fifteen (15) CARES responders participated in the event.

Name	Call Sign	Assignment, location
Agrawal, Rohan	KJ6LXV	Field Responder, CERT 4.6
Bluhm-Stieber, Hella	KJ6OHF	Field Responder, CERT 1.3 and 6.8
Cascone, Bob	KJ6WBF	Field Responder, CARES 4
Frieson, Doug	KJ6LLY	Field Responder, CARES 8
Allan Gontang	KD6QPP	NCS
Judy Halchin	KK6EWQ	Julie Shadow
Levine, Rick	KK6WHJ	Field Responder, CARES 6
Levine, Sue	KK6WHI	Field Responder, CARES 2
Jim Oberhofer	KN6PE	Sheriff Shadow
Sherman, Dick	N6IK	Field Responder, CARES 5

Stevens, Richard	WA6VFD	Field Responder, CARES 7
Tanner, Brian	KC6UZK	Field Responder , CARES 3
Tanner, Mary	KI6GCX	NCS Scribe
Wen, Todd	KK6UCR	Field Responder, CERT2.4
Wilkinson, Leroy	KG6OGA	Field Responder, CARES 1
Steve Hill	KK6FPI	At Home, Offsite Monitor requested by NCS (Not on 211)

2. Cupertino CERT: One (1) acting as MRC

Name	Call Sign	Assignment
Swamy, Anasuya	CERT	

3. Cupertino MRC: Two (2) MRC members participated in the event

Name	Call Sign	Assignment
Ken Erickson	KI6SYY	MRC
Rich, Margaret		MRC

4. Cupertino PW

Name	Assignment
Shawn Tognetti	Lead for PW Street Crew

5. VMC Volunteers. Not tracked or affiliated with Cupertino Citizen Corps.

Course Description and Layout:

The course is the almost the same as the Cupertino Big Bunny Fun Run as is seen in Appendix A. The starting line for the 2015 Hero 5K Run was altered from the previous year to prevent blockage of Town Center Lane driveway on Torre Avenue, which caused problems in 2014. The solution was to start in Cupertino Library parking lot, Appendix B. The parking area was closed off at the “A” options as seen in the aerial view in Appendix B. The Start/Finish Line is seen on the aerial view. This line was measured to insure that the 5K distance was preserved. The Sheriff Command post Van was located where “Reg” is indicated in the Aerial, and Registration was done in Community Hall.

Performance against Objectives:

1. Manage field radios positioned in neighborhoods from a net control station located outdoors at the Civic Center.

Results: **SATISFACTORY**. CARES members were deployed to pre-identified positions along the race course. (See Appendix C) Using the W6TDM Repeater, continuous contact was maintained between the NCS and all field positions. No CERT members participated in the course monitoring. Health and Welfare checks were periodically held to confirm the status of field responders. Open Net Control Operation procedures were followed.

2. Pass communications of relevance to the SO’s Command Center using a shadow stationed in the Command Center.

Results: **SATISFACTORY**. CARES assigned an operator as “Sheriff Shadow” that was co-located with the SO/CP. Status was relayed to the CP as reports became known. Because of the use of the W6TDM Repeater, status and traffic of interest between the field and the NCS was copied and relayed to the SO/CP as informational notices. VMC event director Julie Ott also had a CARES shadow.

3. Provide race status to SO.

Results: **SATISFACTORY**. The field communicators tracked the first and last event runners past their respective locations. Information on the lead and trailing runners were passed to the SO, and subsequently confirmed by SO motor units, in particular toward the end of the race.

4. Provide first aid service to runners at the finish line.

Results: **SATISFACTORY**. No medical incidents to report.

5. Deployment of CARES Mesh Network

Results: Satisfactory. Three (2) VOIP phones and 2 remote cameras were installed. See separate report on Mesh Deployment at this event.

iv. Chronological Summary of Event / Drill / Exercise

CCC ran this event under activation number CUP-15-24T. The following is a summary of the activities as reported on ICS-214s that were submitted after the event. All times listed here are in local time. The following is a very high level summary.

Time	Description, Notes, Comments
0600	Arrive to set up Net Control
0715	MRC Trailer Arrives
0730	Begin Sign-in for CCC volunteers
0740	Sheriff's Briefing begins
0809	CARES Briefing begins Field assignments were made. Completed Radio Checks. Field Responders depart CP for their field assignment. CARES Net on the air.
0855	All Field responders on station. Shadows in place
0911	The race begins.
0927	First race participant crosses the finish line.
1021	SO Bicycle Sweep returns to starting line.
1045	All Field Communicators back at CP. Secured the CARES Net.
1100	Secured CCC activities.

v. Response at SEMS Levels (as appropriate):

Include a summary, conclusions, the field response, and other local, operational area, regional, state or federal response.

1. Participating CCC members responded from their home to the CCC CP for the event briefing and assignments. The following specifics are noted here:
 - The Two-Man Rule (buddy system) was waived given the openness and relative safety of the race course. Radio contact was maintained with all field communicators thereby ensuring the success of independent operation.
 - Ten (10) observation points were staffed with CARES members.
2. CCC / SO engagement was effective. Co-locating the Sheriff Shadow provided a 2-way communications between both teams.
3. Net Control had a DPW City radio in order to talk with the DPW street sign crew.
4. No other organizations or entities interacted with CCC in this event.

vi. Interacting Systems, Agencies, and Programs:

Include mutual aid systems (law enforcement, fire/rescue, medical, etc.); cooperating entities (utilities, American Red Cross, Sheriff's Office, City Departments, etc.); telecommunications and media interactions.

Radio Systems

TAC-3 / W6TDM repeater. The event was run using CARES TAC-2 as the main communications path, with the W6TDM repeater linked in order to have KK6FPI monitor event from home. This was a request by NCS to have as many CARES members involved as possible. Near end of event, all participants shifted to CARES TAC-3 (W6TDM) due to interference.

First Aid

Provided at Start/Finish Line by CCC MRC and the SO had set up additional medical coverage that would take care of any “On Course” medical problems. The following was the medical protocol agreed to by CCC and SO:

- For life threatening events (e.g. heart attack) call 911 (408-299-3233), report incident to Net control who relays that to the SO command van
- For on-course injuries that require transportation, communicator reports to Net control who relays that to SO command van. SO determines if a 911 call is required.
- For minor on-course injuries (scratches, sprained ankles) person walks back to starting area. No transport required.

vii. Improvements, Conclusions, Recommendations:

As applicable, include a description of actions taken, assignments, associated costs or budget, timetable for completion or correction, and follow-up responsibility.

The following is a summary of the key Conclusions and Recommendations.

What worked

- CCC briefing was complete; Deployment assignment was clear.
- Communications via TAC-2 were good until interference caused the switch to TAC-3 for all participants
- Sheriff Shadow posted inside the SO Command Post.
- Mesh Network had three (3) VOIP phones and two (2) remote cameras operational.
- SO sweep with two bicycles was effective and allowed bicycles to inform late starters that they were not covered by the event.
- Detailed Map of course and positions of communicators.
- Connection with PW lead and personnel

What didn't work / needs improvement

- ICS not used; Each entity worked according to a master time line: Public Works, CCC, VMC
- SO, CCC and VMC each had field staff, working independently. Some were co-located at the same locations.
- There were no CERT volunteers to help with the on-course monitoring.
- 214s were not complete. CARES needs to do a class on that form.
- Field responders handling Traffic coming out of side streets on course.

Recommendations

1. Event Participation Support

As a fund raiser, we recognize the importance for event participants to have a positive experience with the hope that they come back and do it again next year. The following suggestions are made to enhance the experience:

1. Enhanced Event Support Maps.
 - a. CARES handed out a more detailed course map that showed ALL cross-streets to ensure it was clear where the race course was (Appendix A). This helped field responders get on station, as well as clarify the race course route.
 - b. Have Cupertino PW, Street Division mark on map where traffic will be allowed. For example, the Northbound lane on East Estates Drive is allowed. Problems will be with the streets along Clifford Drive and also Farallone.

- c. On the legal sized map, add a second shadow position: VMC shadow. The other shadow is the SO's shadow.

2. Field Responder Support

We received several suggestions as to things we should do to prepare the field responders. These include:

1. Deployment Material List. While all responders should be ready for a field assignment, suggest bringing a folding chair; they will be standing for a few hours.
2. Safety Briefing: Update the CARES safety briefing to include the following:
 - a. Radio checks prior to departing the ICP
 - b. Health & Welfare check protocol
 - c. Operating on a repeater (PTT, take a breath, talk)

3. Event Coordination

Event planning meetings were very useful to meet all the players. Julie's initial meeting helped cover in detail who would be responsible for what and the event timeline.

1. Continue holding a cross-organization briefing to ensure all participating organizations have a common understanding of the event situation and expectations.
2. Consider using ICS for tighter coordination and event management.
3. Next year, the Form 1 team tracker should start with this format:

Event	1 [call sign]	2 [call sign]	3 [call sign]	4 [call sign]	5 [call sign]	6 [call sign]	7 [call sign]	8 [call sign]
Dep CP	time							
Arr post								
First runner passed, O/B								
First runner passed, I/B								
SO sweep passed, O/B								
SO sweep passed, I/B								
Dep post								
Arr CP								
Record issues, events, etc. in the rows below. Note <i>time</i> in this column.								
Time	issue							
Time			issue					
Time							issue	

4. CCC to VMC & SO Communications

1. Shadows for Julie and SO van were very effective in keeping CCC aware of what was happening.

5. CCC and SO/CP Communications

From the CARES perspective, the interactions between the SO and CARES work well. CARES endorses a higher level of information sharing for this or other Cupertino events where the SO/CP is deployed.

1. CARES should provide a mag-mount antenna to address conditions where radio reception is marginal.

viii. Logs, attachments:

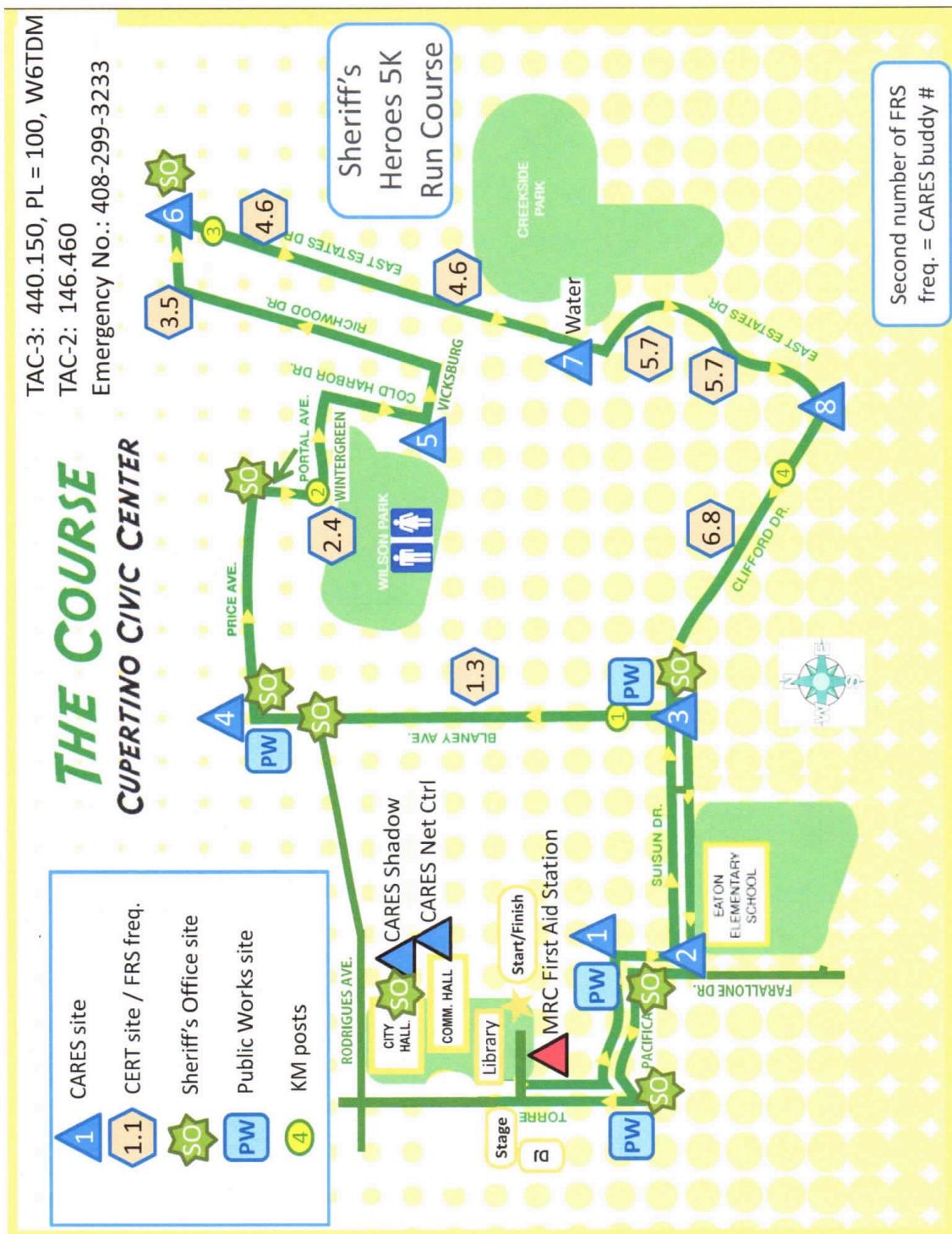
As applicable, include a description of actions taken, assignments, associated costs or budget, timetable for completion or correction, and follow-up responsibility.

The following material are attached:

Appendix A: Modified course map with field deployment locations

Appendix B: Aerial view of Start/Finish Line area

APPENDIX A:



APPENDIX B:



<<END of REPORT>>