

After Action Report 2015 Big Bunny Fun Run



1. Overview

Description:	2015 Cupertino Big Bunny Fun Run
Event Date:	4 April 2015
Report Date:	4 May 2015
CARES Event:	CUP-15-16T
RACES Event:	CUP-15-16T
Control:	Cupertino Citizen Corp
Report Revision:	1.1 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
- PSC: Public Safety Commission
- RCS: Recreation and Community Services (formerly Cupertino Parks and Recreation Department)
- SAP: SAP, event sponsor
- SCC: Services Santa Clara County; usually used in conjunction to references of County RACES, County OES, or County EOC
- SO: Santa Clara County Sheriff's Office, event co-producer

Introduction

Cupertino Recreation and Community Services has held this event, Big Bunny Fun Run 5K run/walk for 10 years. The event consists of a 5K run/walk, a shorter 3K walk around Eaton Elementary School and a Children's Run around the recreation field south of the Library. Although listed as a Run, the 5K portion allows for Runners and Walkers to participate with no restrictions.

This year's event had 700 runners, 200 Walkers and approximately 100 Children's Run participants

Cupertino Citizen Corps was requested by RCS to provide race course communication and spotting as well as requesting MRC to staff a first aid booth near the finish line.

The City of Cupertino authorized the event under training activation number CUP-15-16T. 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-15-16T
- Event Name: 2015 Big Bunny Fun 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 City Hall.
2. Pass communications of relevance to the Event Leader (Jeff Ordway) using a shadow.
3. Provide race status to SO who had a position next to net control and Jeff Shadow
4. Provide first aid service to runners at the finish line.
5. Utilize CERT with FRS radios tasked to count race participants and report results to Net control through their CARES buddy.

CCC event resources came from the following organizations: (See Attachment #1 Map for physical locations)

1. Cupertino ARES/RACES: Twelve (12) CARES responders participated in the event.

Name	Call Sign	Assignment (tactical call, responsibility)
Bob Cascone	KJ6WBF	Radio 1, Field Responder,
Ken Ericksen	KI6SYY	Radio 2, Field Responder
Walt Gyger	K6WGY	Radio 3, Field Responder
Steve Hill	KK6FPI	Radio4, Field Responder
Masahito Kagawa	NW6UP	Radio5, Field Responder
Leroy Wilkinson	KG6OGA	Radio6, Field Responder
Jim Oberhofer	KN6PE	Radio 7, Bike Sweep, Field Responder
Brian Tanner	KC6UZK	Radio 8, Field Responder
Mary Tanner	KI6GCX	Radio 9, Field Responder

Judy Halchin	KK6EWQ	Net Control
Rob McCoy	KK6NFZ	NCS Scribe
Allan Gontang	KD6QPP	Jeff Shadow, Field Responder

2. Cupertino CERT: Eight (8) CERT members participated in the event. One (1) volunteer from San Jose.

Name	Mode	Assignment
Kala Ramakrishnan	FRS	CERT 2.4, Event Field Observer
Connie Dai	FRS	CERT 1.3 Event Field Observer
Wade Peng	FRS	CERT 2.4 Event Field Observer
Diane Reedman	FRS	CERT 7.9 Event Field Observer
Grace Tang	FRS	CERT 6.8 Event Field Observer
Isabel Rodriguez	FRS	CERT 5.7, 6.8 Event Field Observer
Mabel Yuen	FRS	CERT 5.7 Event Field Observer
Jerry Tallinger	FRS	CERT 5.7 Event Field Observer
Su Tran	FRS	CERT 7.9 Event Field Observer (SJ)

3. Cupertino MRC: Three (3) MRC members participated in the event, with two (2) from Campbell.

Name	Call Sign	Assignment
Fari Aberg	KF6UVS	MRC
Skip Stevens	WA6VFD	MRC
Sobha Ramesh		MRC
Mary Donahue		MRC (Campbell)
Alan Ahlstrand		MRC (Campbell)

4. Sheriff Deputy Deployment

Post 1	Torre Ave & Town Center Lane
Post 2	Torre Ave & Pacifica Dr
Post 3	Pacifica Dr & Farallone Dr
Post 4	Suisun Dr & Blaney Ave
Post5	Blaney Ave & Price Ave
Posts 6,7	Motorcycle mobile
CP	Next to CARES Net Control Station, City Hall

Performance against Objectives:

1. Manage field radios positioned in neighborhoods from a net control station located outdoors at City Hall.

Results: **SATISFACTORY**. CARES members were deployed to pre-identified positions along the race course. Using the W6TDM Repeater, continuous contact was maintained between the NCS and all field positions. Additionally, CERT members were also assigned to positions along the course. They maintained contact with CARES members that also monitored the assigned FRS frequency. Health and Welfare checks were periodically held to confirm the status of field responders. Directed Net Procedures were followed to keep control of communications.

The event utilized the W6TDM repeater with no simplex channels linked.

2. Pass communications of relevance to the Event Leader.

Results: **SATISFACTORY**. CARES assigned an operator as “Jeff’s Shadow”. Status was relayed to him as reports became known. His requests were primarily to know where runners were.

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 Event Lead and SO. A sweep was run by an SO vehicle but that was ahead of the last participant on the course.

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

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

5. Utilize CERT to CARES communication via FRS Radio.

Results: **SATISFACTORY.** CERTS were tasked to count people with clicker supplied by OES. The plan was for the CERTS to walk along the course with one CERT counting and one CERT communicating those counts on request. There was some confusion with some teams as to why CERT and CARES were together – this was an error in the briefing that didn't clarify what was expected of each team.

iv. Chronological Summary of Event / Drill / Exercise

CCC ran this event under activation number CUP-15-16T. 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
0730	Begin SO briefing.
0730	CCC CP established and Net Control was set-up
0745	Begin CCC briefing.
0814	Start Net Control
0830	Field assignments were made. Completed Radio Checks, Amateur Radio and FRS. Field Responders depart CCC CP to their field assignment.
0900	All Field Responders on station. The race begins.
0918	First race participant crosses the finish line.
1025	Last race participant crosses the finish 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.
 - Twelve (12) observation points were staffed with a mix of CARES and CERT.
2. Message relays between CERT to the CCC CP via CARES Field Communicators was effective. This was possible by CARES members carrying FRS radios and communicating with FRS partner stations.
3. CCC / SO engagement was effective. Co-locating the Sheriff CP with net control provided a 2 way communications between both teams.
4. No other organizations or entities participated in this drill.

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 the W6TDM repeater. An event pre-check of the course confirmed that all stations could access the repeater. Repeater operations were effective.

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

- In general, many of the recommendations from the Sheriff's Hero Fun Run were incorporated in this run, e.g. signage, use of FRS radios with CERTs.
- Briefing was given before event for safety, assignments and how counting of runners was to occur.
- Net control did a great job keeping the communication organized and effective.
- Communications via the repeater was good.
- Communications to CERTs via FRS worked well.
- Logistics – Food, coffee, tables, chairs, course maps
- Sheriff CP next to CARES Net Control very effective for Deputy reassignment to Radio6 for traffic control
- Signage for this event much better than previous Big Bunny and Sheriff's Hero Run. More Barricades and course direction (i.e. arrows) kept all runners on course. CERT position 5.7 had 3 people, only needed 2 because of good signage.
- Each CARES/CERT FRS team had a frequency/PL different from any other team so no team was confused by who was talking to whom.

What didn't work / needs improvement

- SO briefing was given for Deputies only before all CCC volunteers had arrived. No CCC attended SO briefing
- Briefing on CARES/CERT team responsibilities and deployment (CERT to roam and CARES to be an anchor) was not clear to some volunteers. One group stayed bunched together.
- CCC Event Lead needs to plan on personnel assignments and how to handle too few or too many CCC volunteers showing up. There were several volunteers who signed up but did not show up.

Recommendations**1. Event Participation Support**

Logistics to provide course map and ICS214 for each CCC volunteer.

2. Field Responder Support

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

- Safety Briefing
Insure that all CARES do a radio check before leaving CP. One radio did not work and relayed through FRS to another CARES member.
- Operating on a repeater (PTT, take a breath, talk)
- Add a position of Sweep to all Fun Runs. SO may do it, but CCC should do their own to be sure.

4. CCC to City Staff Communications

RCS staff does not use city trunk radio. All communications by City staff is done via cell phone. Recommend that key RCS participants carry a city trunk radio.

5. CCC Internal Communications

CERT carried FRS Radios into the field, thereby helping to fill in some of the course coverage. While this was beneficial to the overall response, it was clear that more practice, or jump-start training, on FRS operations may be warranted.

1. Determine the best way to get CERT field responders up to speed on FRS operations.
2. Develop the FRS operations guide for CERT field communications.
3. Deliver FRS training to CERT field communicators.

6. 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 and other Cupertino events where the SO/CP is deployed.

viii. Logs, attachments:

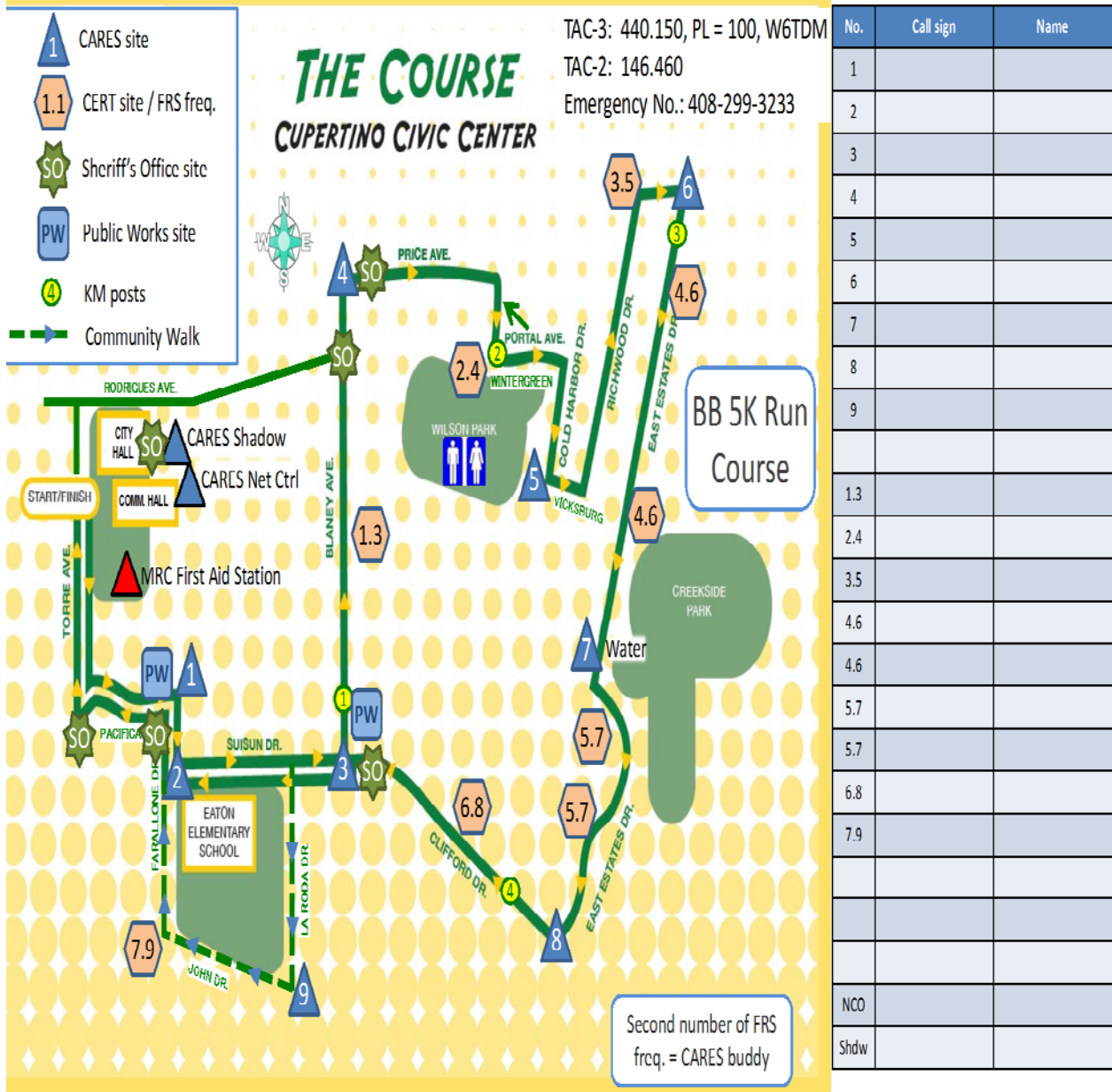
As applicable, include a description of actions taken, assignments, associated costs or budget, timetable for completion or correction, and follow-up responsibility.

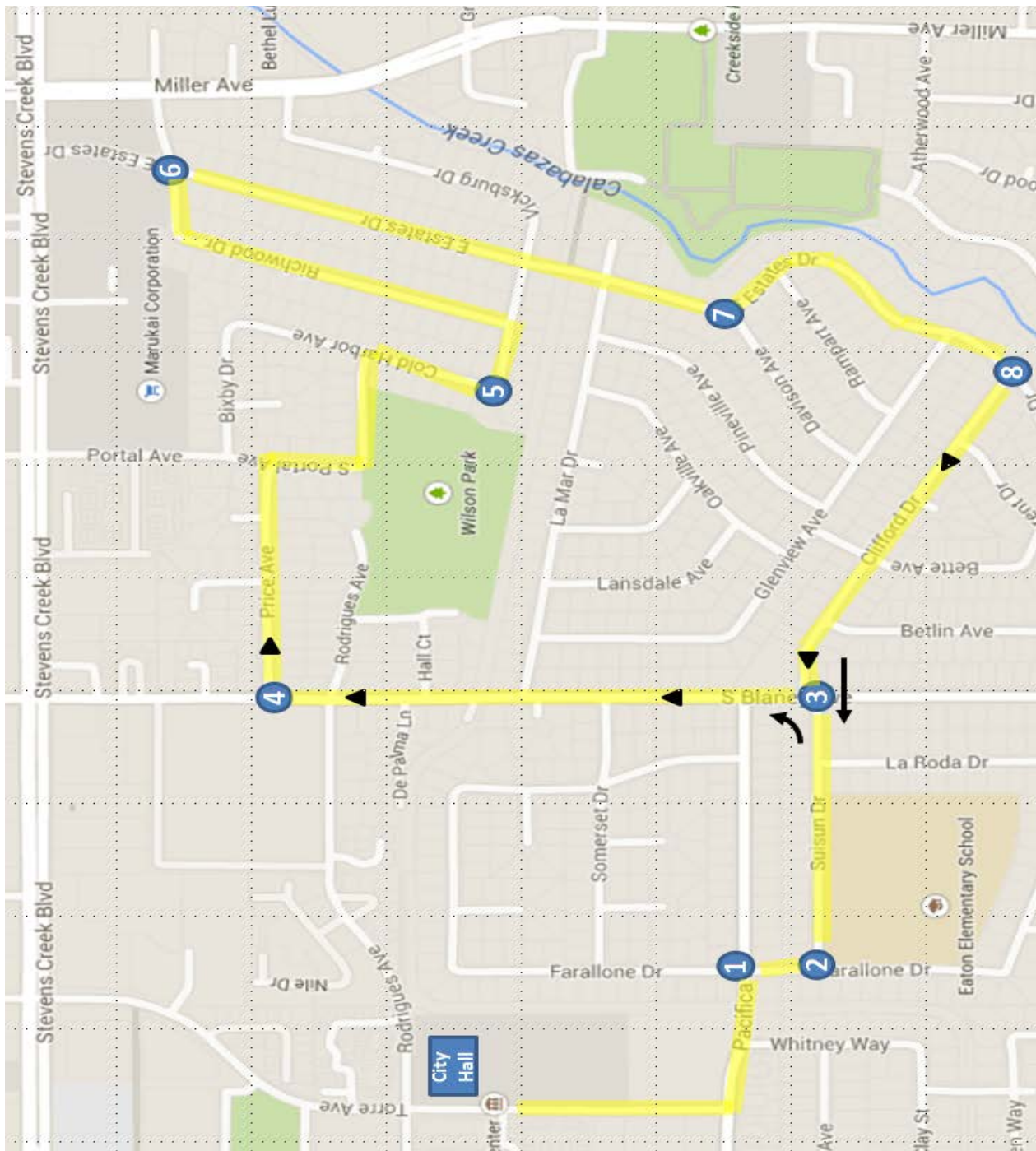
The following material are attached:

1. Modified course map with field deployment locations
2. Additional course map handed out to CCC Volunteer Staff
3. Communications Log
4. Runner count report
5. Feedback

End of Report.

#1. Modified course map with field deployment locations





4. Additional course map handed out to CCC Volunteer Staff

COMMUNICATIONS LOG		Activation # CUP-15-16T Bunny Fun Run	DATE PREPARED: 4/4/15 TIME PREPARED:
FOR OPERATIONAL PERIOD # 0700-1100 4/4/15		ASSIGNMENT/LOCATION: Net control at City Hall	
RADIO OPERATOR NAME (LOGISTICS): Judy Halchin KK6EWQ		STATION I.D. Net control	
LOG			
TIME	STATION I.D.		SUBJECT
	FROM	TO	
0814			Start net Net control = Judy Halchin KK6EWQ Scribe = Rob Mc Coy KK6NFZ
0826	3,4,6		ENROUTE TO STATION.
0827	8		ON LOCATION STATION
0828	5		ENROUTE TO STATION
0830	1		ENROUTE TO STATION
0831	7		ENROUTE TO STATION
0833	3		ON LOCATION 8 STATION
0835	SHADOW		ENROUTE TO STATION
0840	1		ON LOCATION STATION
0840	SHADOW		ON ASSIGNMENT. w/ JEFF
0842	7		ON STATION
0844	5		ON STATION
0844	9		ON STATION
0845	4		ON STATION
0850	6		ON STATION
0850	8		ON STATION
0852	7		GOING GOING DIRECT TO SHADOW (TAC 2) BARRICADES UP @ PHAZMON/PACIFFCA.
0854	1		MOVE ISABELLE TO 3/8 (FLOATING) REPORT TO 8
0855	SHADOW		BLANEY CLOSED TO TRAFFIC
0855	6		
0859	SHADOW		
0858	3		NORTH BLANEY CLOSED TO TRAFFIC.
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COMMUNICATIONS LOG			Activation # <i>CUP-15-16-T BUNNY FUN RUN.</i>	DATE PREPARED: <i>4/4/15</i> TIME PREPARED:
FOR OPERATIONAL PERIOD # <i>0700-1100 4/4/15</i>			ASSIGNMENT/LOCATION: <i>NET CONTROL / CITY HALL</i>	
RADIO OPERATOR NAME (LOGISTICS): <i>JUDY HALCHEN KK6EWQ</i>			STATION I.D. <i>NET CONTROL</i>	
LOG				
TIME	STATION I.D.			SUBJECT
	FROM	TO		
<i>0859</i>	<i>SHADOW</i>			<i>START 1 MEN</i>
<i>0900</i>				<i>START RACE</i>
<i>0900</i>	<i>2</i>			<i>REPORTING TO RADIO 1 (FRS)</i>
<i>0901</i>	<i>1</i>			<i>RACERS ^{1ST} ON PASS STATION</i>
<i>0902</i>	<i>SHADOW</i>			<i>NEXT START WALKERS</i>
<i>0904</i>	<i>7</i>			<i>ISABELLE REASSIGNED TO 8</i>
<i>0904</i>				<i>WALKERS START</i>
<i>0904</i>	<i>4</i>			<i>RUNNERS PAST STATION.</i>
<i>0907</i>		<i>NC</i>		<i>ROLL CALL / COUNTS / HTW</i>
		<i>R1</i>		<i>NO COUNT, GOOD,</i>
		<i>2</i>		<i>R1 VISIBLE</i>
		<i>3</i>		<i>12-0-9</i>
		<i>4</i>		<i>(⁹⁰⁷88)</i>
		<i>5</i>		<i>NO COUNT</i>
		<i>6</i>		<i>RUNNERS PAST STATION</i>
		<i>7</i>		<i>GOOD NO COUNT</i>
		<i>8</i>		<i>NO COUNT</i>
		<i>9</i>		<i>NO COUNT GOOD</i>
<i>0907</i>		<i>5</i>		<i>RUNNERS PAST.</i>
<i>0907</i>		<i>SHADOW</i>		<i>GOOD</i>
<i>0909</i>	<i>8</i>			<i>ISABELLE ON STATION</i>
<i>0910</i>	<i>MRC</i>			
<i>0910</i>	<i>3</i>			<i>6-2-8</i>
<i>0912</i>	<i>8</i>			<i>FIRST RUNNERS PAST STAT.</i>
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COMMUNICATIONS LOG		Activation # <i>CUP-15-16-T</i>	DATE PREPARED: <i>4/4/15</i> TIME PREPARED:
FOR OPERATIONAL PERIOD # <i>0700-1100 4/4/15</i>		ASSIGNMENT/LOCATION: <i>NET CONTROL @ City Hall</i>	
RADIO OPERATOR NAME (LOGISTICS): <i>Judy Halchin KK6EWQ</i>		STATION I.D. <i>NET CONTROL</i>	
LOG			
TIME	STATION I.D.		SUBJECT
	FROM	TO	
<i>0934</i>		<i>1</i>	<i>H/W NO COUNTS / GOOD R2 GOOD</i>
		<i>3</i>	<i>H/W RUNNERS INBOUND S/F NO</i>
		<i>4</i>	<i>H/W 651/0933</i>
		<i>5</i>	<i>H/W NO COUNT LAST RUNNER PAST</i>
		<i>6</i>	<i>H/W GOOD, NO COUNT,</i>
		<i>7</i>	<i>H/W GOOD</i>
		<i>8</i>	<i>H/W GOOD 517/0932</i>
		<i>9</i>	<i>H/W GOOD 185/0933</i>
		<i>SHADOW</i>	<i>H/W GOOD</i>
<i>0934</i>	<i>SHADOW</i>		<i>STATUS OF SWEEP / COVER 3 OUT</i>
<i>0934</i>	<i>7</i>		<i>COPPER SWEEP 3 AND OUT</i>
<i>0935</i>	<i>7</i>		<i>STARTING SWEEP 3 / FR'S HANDOFF TO CERT (MABEL)</i>
<i>0935</i>	<i>5</i>		<i>NO MORE RUNNERS / STAY ON STATION</i>
<i>0935</i>	<i>7</i>		<i>SWEEPING 3 NOW.</i>
<i>0941</i>	<i>7</i>		<i>LAMAR / BLANEY CLEAR.</i>
<i>0944</i>		<i>SHADOW</i>	<i>REQUEST OP TP WOMENS ROOM COMM. HALL.</i>
	<i>7</i>		<i>WINTER CLEEN / VICKSBURG</i>
<i>0948</i>	<i>7</i>		<i>AT ON STATION R5 / R5 COLLAPSE TO CP 4 NOW 7</i>
<i>0948</i>	<i>7</i>		<i>EAST ESTATES / RICHWOOD. CLEAR.</i>
<i>0951</i>	<i>7</i>		<i>DAVIDSON / EAST ESTATES CLEAR.</i>
<i>0952</i>	<i>6</i>		<i>PERMISSION TO COLLAPSE.</i>
<i>0953</i>	<i>7</i>	<i>7</i>	<i>COLLAPSE TO CP.</i>
<i>0955</i>	<i>8</i>		<i>688/0951 COLLAPSE TO CP.</i>
<i>0956</i>	<i>SWEEP</i>		<i>SUISUN/BLANEY LAST 3 RUNNERS.</i>
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COMMUNICATIONS LOG		Activation # <i>CUP-15-16-T BUNNY FUN RUN</i>	DATE PREPARED: <i>4/4/15</i> TIME PREPARED:
FOR OPERATIONAL PERIOD # <i>0700-1000 4/4/15</i>		ASSIGNMENT/LOCATION: <i>NET CONTROL @ City Hall</i>	
RADIO OPERATOR NAME (LOGISTICS): <i>JUDY HALCHIN KK6EWQ</i>		STATION I.D. <i>NET CONTROL</i>	
LOG			
TIME	STATION I.D.		SUBJECT
	FROM	TO	
<i>0913</i>		<i>NO ALL</i>	<i>1 MEN TO H+W CHECK</i>
<i>0913</i>	<i>3</i>		<i>1ST RUNNERS PAST STATION</i>
		<i>3</i>	<i>6-7-2</i>
		<i>4</i>	<i>4-2-6</i>
		<i>6</i>	<i>N/A</i>
<i>0915</i>		<i>8</i>	<i>46</i>
<i>0915</i>		<i>9</i>	<i>77</i>
<i>0916</i>	<i>1</i>		<i>LAST RUNNER PAST STATION</i>
<i>0917</i>	<i>SHADOW</i>		<i>WINNER AT S/F LENE</i>
<i>0919</i>			
<i>0921</i>		<i>3</i>	<i>H/W 676/0914</i>
		<i>4</i>	<i>H/W 610/0921 LAST RUNNER PAST.</i>
		<i>6</i>	<i>H/W NO COUNTS</i>
		<i>8</i>	<i>H/W</i>
		<i>9</i>	<i>H/W 181/0921</i>
	<i>SHADOW</i>		
	<i>5</i>		<i>RUNNERS STILL ON COURSE PASS</i>
	<i>4</i>		<i>DEPUTIES RE ASSIGNED / TO EAST ESTATES</i>
	<i>8</i>		
	<i>SHADOW</i>		<i>DIRECT TO 4 / NO RUNNERS ON BLANCY. BLANCY OPEN BOTH WAYS.</i>
	<i>3</i>		<i>BLANCY STILL CLOSED @ 3 W/ RUNNERS ON STAT.</i>
	<i>5</i>		<i>LAST RUNNERS PAST STATION</i>
		<i>4</i>	<i>COLLAPSE TO CP.</i>
	<i>SHADOW</i>		<i>RE ASSIGNED TO 7 RELIEF FOR SWEEP.</i>
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COMMUNICATIONS LOG			Activation # <i>CUP-15-16-T</i> <i>BUNNY FUN RUN</i>	DATE PREPARED: <i>4/4/15</i> TIME PREPARED:
FOR OPERATIONAL PERIOD # <i>0700-1100 4/4/15</i>			ASSIGNMENT/LOCATION: <i>NET CONTROL @ CITY HALL</i>	
RADIO OPERATOR NAME (LOGISTICS): <i>JUDY HALCHIN KK6EWQ</i>			STATION I.D. <i>NET CONTROL</i>	
LOG				
TIME	STATION I.D.		SUBJECT	
	FROM	TO		
<i>0957</i>	<i>3</i>		<i>COLLAPSE TO CP</i>	
<i>0957</i>		<i>9</i>	<i>COLLAPSE TO CP</i>	
<i>0957</i>	<i>SWEEP</i>		<i>START SWEEP W/ LMS10 COURSE.</i>	
<i>0959</i>	<i>SWEEP</i>		<i>WALK COURSE CLEAR.</i>	
<i>1001</i>	<i>SWEEP</i>		<i>LAST 2 PACIFICA / FARDALON</i>	
<i>1002</i>	<i>1</i>		<i>LAST RUNNERS PAST STATION.</i>	
<i>1002</i>	<i>1</i>		<i>COLLAPSE TO CP</i> <i>RZ COLLAPSE.</i>	
<i>1004</i>	<i>SWEEP</i>		<i>TORBE / PACIFICA LAST 2 RUNNERS</i> <i>INBOUND FINISH.</i>	
<i>1005</i>	<i>SHADOW</i>		<i>ALL RUNNERS / WALKERS IN / COLLAPSE CP</i>	
<i>1004</i>			<i>SWEEP COLLAPSE TO CP</i>	
<i>1010</i>	<i>SHADOW</i>		<i>SHUT DOWN CP / DEMOB.</i>	
<i>1011</i>		<i>ALL</i>	<i>CLOSE NET.</i>	
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Big Bunny Fun Run 3/4/15 - Runner Counts

Position	Time/Count	Time/Count	Time/Count	Time/Count	Time/Count	Time/Count	Time/Count	Time/Count
1								
2	0905 409							
3 C	0905 409	0913 612	0914 616	0916 616	no mark			
4 C	0907 68	0913 426	0921 607	0933 657				
5								
6 C	0	-	-	-				
7								
8 C	0	0915 46	0920 207	0932 511	0951 608			
9 C	0	0915 77	0921 181	0933 185	0951 186			
Shadow								

5. Feedback

What worked

- [1] Assigning different channels to the FRS radios was a good choice.
- [1] Doughnuts and coffee was definitely a nice treat, thank you.
- [2] I thought that using the repeater worked well, except that a few people, including Net Control, occasionally didn't remember to pause before speaking.
- [2] I thought the people counting and the reporting of the counts went well.
- [2] The SO lieutenant stayed in close contact with net control and used information we supplied to track the progress of the race.
- [2] The donuts were excellent.
- [4] The counter worked really well.
- [4] The communication between City Hall and the FRSs worked well
- [6] Field deployment was adequately covered.
- [6] CARES-CERT buddy connections worked well. I was kept busy with two radios, but it proved the concept of extending the eyes-and-ears range of a CARES person to a half mile using FRS.
- [6] Judy did a great job at net control.
- [7] The recommendations from Sheriff's Hero Fun Run that the course have more signs and markers that tell the runners and walkers what path to take.
- On E. Estates Dr, the streets before the turn at Clifford had signs and arrows that kept runners/walkers on the course so no one took a wrong turn. Observers at that station said 3 people (one for each street) not needed. one would be sufficient.
- [7] Maps by Steve and Jim were well laid out and had complete information where CARES and CERT and SO would be stationed.
- [7] Sweep at end done by CARES member. SO has other tasks that they are concerned with so we need to have a CCC volunteer do the trailing.
- [7] Experience from Sheriff's Hero Run made using CARES-CERT communication with FRS a very workable solution and added to the complete coverage on the course

What didn't work

- [1] Can't think of anything
- [2] We need to have a dedicated rover/sweep person. Before the sweep started, we had at least one station who believed that all the racers had passed him and he was ready to be released. It turned out there were still walkers who hadn't reached him yet. Toward the end of the route, there were also some stations who asked to be released before net control had a confirmation that the entire race had passed them. If we have a sweep active throughout the event, we'll know when the race has passed each CARES person and that person's associated CERTs.
- [2] This was the second year in a row that someone had an open mic while everyone was walking to their stations. It wasn't a big problem, but if it had persisted longer, a good way to deal with it would have been a rover on a bicycle who could go around and check with everyone to find the problem.
- [2] We really should have a dedicated shift supervisor. Allan handled that job fine, but doing that at the same time as shadowing couldn't have been fun. Also, if a real emergency had occurred it might have been impossible for one person to do both jobs well.
- [4] We didn't need as many people stationed along the walkers' route. One Care and one Cert would have been enough.
- [5] Maybe everyone else understood this, but I didn't know why FRS radios were needed. It wasn't until I got home and looked at the course map that I figured out that the purpose was to increase coverage of the route. The two CERT volunteers and I just stayed on one corner, and I see now that they should have been standing on another corner with the FRS radio.
- [7] Briefing was not clear on what was expected from volunteers on Walking course. They remained together instead of spreading out along the course and reporting via FRS to the CARES member.
- [7] We need to have a shift supervisor at net control to help with movement of volunteers if required. e.g., moving Isabel from E. Estates to Clifford avenue to help with monitoring and counting runners.

[7]Bib numbers are of no use when trying to keep track of last person on walking or running course.
[7] Tried to get all volunteers to sync their timing device with atomic clock time (i.e. GPS time) and record that on the 214 so we could be able to adjust reporting times. Experiment failed due to lack of explanation why that information was needed.

Other recommendations for changes to next year's event:

[1] I am not sure if it would be practical to exercise packet and/or mesh networks during the event to submit the number of runners, time and other data? This would be an alternate communication method aside from voice. It would exercise setting up a field station, transmitting messages and receiving, analyzing information at the EOC.
[2] As noted above, the only real issue is that we needed a couple more CARES members than we had. If that happens again, would it be a reasonable option to have fewer CARES people along the course and fill in with more CERTS with FRS radios instead? Probably some CARES people would need to talk to two FRS radios.
[6] I modified the Sheriff's Hero's map to reflect the SO deployment for BB5K. We now have two flavors of the map.
7] A CCC volunteer to provide the sweep of the course.
[7]Deploy counters at FRS positions 1.3, 2.4, and 6.8 on Running course and 7.9 on Walking course. These are funnel points where counting is easier.

Other Comments:

[3] I worked the First Aid Station this time so I was not out on the course. However, as the runners came in off the course I stationed myself close to the finish line where I could quickly assess the physical well being of the runners. In this way, I was able to use my assistants to remotely monitor the two runners who had vomited just after completing the run to make sure they did not inhale and of their 'distress'.
In all, I had the impression that conditions were nearly ideal for the runs and that we were able to provide satisfactory support for the participants.
[7] (Not a CCC concern but a City planning concern.)
The Event Lead informed that the women's bathroom in Community Hall ran out of toilet paper. The lead said open city hall and let people use that.
I don't know what the final result was. The Library should have been opened at that time.

<<End of Report>>