Emergency Response Go-Kits

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Agenda
1. Overview
2. CARES Kit Review
3. Show and tell

CARES mission

The mission of Cupertino ARES is to maintain and train Amateur Radio volunteers capable of providing professional emergency communications, increasing the City's emergency response effectiveness, and speeding the recovery effort.

You just were activated… now what!?!

In Cupertino, we may be responding to any of the following:

- Earthquakes
- Flooding by dam failure
- Flooding by rain
- Wild land fire
- Large urban fire
- Manmade disasters (BNICE)
- Missing Person(s)

Each of these events has a different communications needs and expectations on how we perform.

So, how do we prepare?

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Types of Assignments

As an CARES Field Responder, you may be asked to assist with any of a number of assignments, from a variety of station operating locations, such as:

Base Station

- Incident Command Post (ARKs, Staging Areas, etc.)
- County Fire Stations
- Emergency Operations Center
- At Home (Traffic Net)

Field-Portable Station

- Search and Rescue Field support
- Shelter

Mobile Station

- Mobile Command Post
- Shadow
- Vehicle Ride-Along (Transport, SAG Wagon, etc.)
- Cross-band Repeat Station Control Operator

Length of Assignments

The length of time you are asked to assist with emergency communications will depend on the type and size of the incident and the number of Field Responders available:

• Short – a few hours to less than a day

• Overnight

• Two to three days (Shifts over several days)

• Long-Duration – greater than 72 hours (Mutual Aid Responses)

The longer the assignment, the more we need to bring to the event.

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What is a Go-Kit?

- A Go-Kit is a pre-staged collection of equipment and personal gear that you will need to perform your duties as an Emergency Communicator in the event of a call-out.

- Your Go-Kit should be tailored to your needs, your equipment, expected assignments, and expected length of assignments.
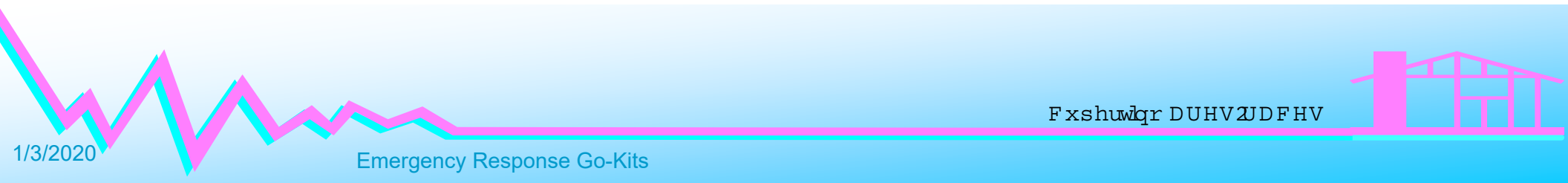
Why do you need one?

Some reasons why you need a Go-Kit:

- In the event of a major disaster, your assignment location will probably be without power, heat, water, and telephone service. Most businesses in the area will probably not be open due to the emergency.

- As a Field Responder, YOU must provide your own equipment and gear.

- You are responsible for your own safety, and you must provide for your own welfare and comfort.

Building your Go-Kit now ensures:

- The items you need are available <u>when</u> you need them.

- The items you need are <u>where</u> you expect them to be.

- When the Activation Call comes, you won't have time to hunt for things!

Types of Go-Kits

Your Go-Kit should be tailored to your needs, your equipment, your expected assignments, and the expected length of assignments. Go-Kits should be broken-up into different types of kits, depending on function and location:

Go-Kits by Function

• Types of Incident

• Type of Assignment or Mission

• Length of Assignment

Go-Kits by Location

• Carried on Person

• Carried in Vehicle

• Stored at Fixed Location (Home, Office, Shop, etc.)

• Non-Cached Equipment—gathered as needed (Home, Office, Shop, etc.)

Think Modular

Basic Go-Kits

- Day Pack – Items needed for a short-duration or mobile/foot assignment. Keep in vehicle for immediate access.

- 24-Hour Kit – Supplemental items needed for an overnight assignment.

- 72-Hour Kit – Supplemental items needed for an extended assignment of up to 3 days.

Specialty Go-Kits

- Office Kit – Paperwork and operational references that may be useful for setting-up and maintaining a portable or base communications station.

- Portable Radio Kit – the "Radio in a Briefcase" for voice or packet.

- Computer Kit – Notebook computer and interface equipment for packet.

- Tool Kit – Tools and equipment needed to set-up and maintain your radio station.

- Antenna and Mast Kit – Portable antenna, mast, and tripod or guy lines, for setting-up an outdoor antenna.

- Emergency Power Equipment – Batteries, Generator, Cables and related gear.

Think Modular (continued)

Miscellaneous Go-Kits

- Additional Gear – Sleeping bag, tent, shade canopy, etc.

- Vehicle Tool Kit – Equipment needed to keep your vehicle going.

- Evacuation Kit – Food, water and equipment needed if it becomes necessary to evacuate from your current location.

CARES Go-Kit Requirements – 1

9	Minimum Field Deployment Equipment – 12 hours

Purpose: fully independent operation, Cupertino Ark or field location, unknown environment (heat, cold, wind, rain), unknown time of day. You must have the following to participate in a CARES field response.

Equipment – MUST HAVE

1.	2m or 2m/440 HT minimum	
2.	Mobile antenna (mag mount or existing mobile antenna)	
3.	Coax adaptors	
4.	Radio user manual or cheat-sheet	
5.	Charged batteries or extra batteries for 12 hours operation	
6.	Power cord adaptors	
7.	Ear bud or headphones	
8.	Notepad, pens	
9.	Clipboard (covered recommended)	
10.	Cell phone and charger, cigarette lighter adaptor	

Documentation, Identification – MUST HAVE

11.	CA driver's license or CA-issued ID card	
12.	Amateur radio license	
13.	City of Cupertino Photo ID	

Forms – MUST HAVE (http://www.cupertinoares.org/ccc/forms/)

14.	ICS 214 Unit Log	
15.	ICS 309 Communications Log	
16.	ICS 213 Message Forms	
17.	COES 105 Preliminary Safety Assessment Form, Field	

CARES Go-Kit Requirements - 2

Personal Gear – MUST HAVE

18.	Watch or clock	
19.	Flashlight, headlamp, spare batteries for 12 hours	
20.	Safety vest, ANSI standard, City-issued	
21.	Sturdy closed-toe shoes	

Documentation, Identification, Maps – Recommended (Nice to Have)

22.	SCCo-issued ID badge; other city badges	
23.	Cupertino City Map, County Grid	

Personal Gear – Recommended
(Some of the following items may be **REQUIRED** depending on the assignment)

24.	Fueled vehicle (always keep your fuel tank at least ½ full)	
25.	Long pants	
26.	Hat (broad-brim recommended)	
27.	Seasonal jacket / rain gear	
28.	Food for 12 hours, Water for 12 hours	
29.	Leather Gloves, Eye Protection	
30.	First Aid Kit	

Emergency Response Go-Kits

SC County RACES Recommendation

2 Hour Carry Kit

 Purpose: To be kept nearby at all times for immediate (within minutes) communication of damage reports during Initial Activation Operations. Also used to remain in contact with Resource Net while returning home to retrieve 12-hour Go-Kit.

12 Hour Go-Kit

 Purpose: For fully independent operation; unknown environment (heat, cold, wind, rain); unknown time (day, night, up to 12 hours). Usually need to return home to retrieve.

Lets take a look at them…

References

1. Santa Clara County RACES Go-Kits
   http://www.scc-ares-races.org/gokit/SCCo_Go_Kit_rev100716.pdf

2. Personal Go-Kit for Emergency Communication, Dan O'Connor, KE7HLR
   http://www.ke7hlr.com/ecw/index.html
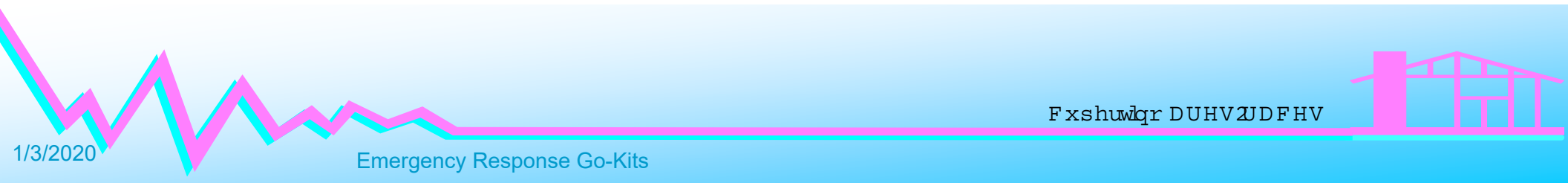
Go-Kit show and tell

Thank you

Any Questions?