Preliminary Safety Assessment Process Overview

7 January 2021 Jim Oberhofer KN6PE



Agenda

- 1. The City response
- 2. Preliminary Safety Assessment
- 3. The PSA Process
- 4. Handling message priorities
- 5. January PSA Exercise





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.



The City's response priorities

Address immediate life safety problems

Assess the integrity of and stabilize Cupertino's critical infrastructure

- Water
- Sanitary
- Access

Perform search and rescue, health and welfare, establish shelters

Execute recovery operations





Who are the players?

Earthquake Scenario

Responder	Activity
Cupertino OEM	 Activates the EOC, sets the strategy for stabilization & recovery Makes decisions that serve the best interest of its residents Supports the response with material, logistical support, and resources as necessary Provides community with information
Cupertino Public Works	 Is the City's primary field response organization Responsible for city facility inspections, clearing debris from roads, traffic signal restoration, restoring City infrastructure services
County Fire	Responds to fires within their jurisdictionResponds to medical emergencies
County Sheriff	Maintains law and orderHandles traffic control, road closures, evacuations
Service Providers	 Resolves issues with owned infrastructure within the City
Citizen Corp	 Provides CERT, medical, and communications resources as needed to support the City and its served agencies

What do they need?

Earthquake Scenario

Served Agencies	Need
City of Cupertino	 Initial city assessment (PSA) Road/access reports (FLA) ARK communications support General communications support
Santa Clara County Fire	Infrastructure reports (ISA)Community contact at the fire stations
Cupertino Sanitary District	Infrastructure reports (ISA)
San Jose Water Company	Infrastructure reports (ISA)
Other agencies	Need
Cal Water	Infrastructure reports (ISA)
Santa Clara Valley Water District	Infrastructure reports (ISA)
Union Pacific RR	Infrastructure reports (ISA)
County EOC	Communications with the city

Preliminary Safety Assessment

7 Jan 2021

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CARES Response – what we generally do

Earthquake Scenario

Activity	Description
1. Preliminary Safety Assessment	CARES collects and reports information about the state of the city immediately after a city-wide emergency or disaster occurred.
2. Infrastructure Safety Assessment	CARES observes and reports on selected Cupertino critical facilities that are deemed to be important to the City or other Agencies.
3. Field Response	CARES members respond and operate at a field assignment during a declared emergency.
4. EOC Support	Staff the Comm Van / Radio RoomProvide situation roll-up of field reports



Preliminary Safety Assessment

CARES Response – what we specifically do

Earthquake Scenario

Activity	Description
1. Preliminary Safety Assessment	CARES collects and reports information about the state of the city immediately after a city-wide emergency or disaster occurred.
2. Infrastructure Safety Assessment	CARES observes and reports on selected Cupertino critical facilities that are deemed to be important to the City or other Agencies.
3. Field Response	 CARES members respond and operate at a field assignment during a declared emergency. ARK communications support 9-1-1 message passing Shelter communications
4. EOC Support	Staff the Comm Van / Radio RoomProvide situation roll-up of field reports



Preliminary Safety Assessment

Authorization to activate

Earthquake Scenario

Ref: <u>www.cupertinoares.org</u> > Docs & References > SOP > Part 1, Overview

Cupertino Amateur Radio Emergency Service PART 1 Overview Standard Operating Procedures

4 Overview of Operations

4.2 Standing Orders

An earthquake occurrence requires special consideration given the uncertainty of timing, availability of city staff, and the magnitude of the resulting damage. The ability for CARES to quickly activate will help the city develop its Common Operating Picture that will guide the city's ultimate response. As a result, authorization to auto-activate is incorporated into the Cupertino Emergency Operations Plan (2005):

"During self-announcing natural disasters, CARES members may selfdispatch and commence windshield surveys to provide situation status and preliminary safety assessments, provided it is safe to do so. CARES members will not respond to manmade disasters unless authorized by the EOC Director."

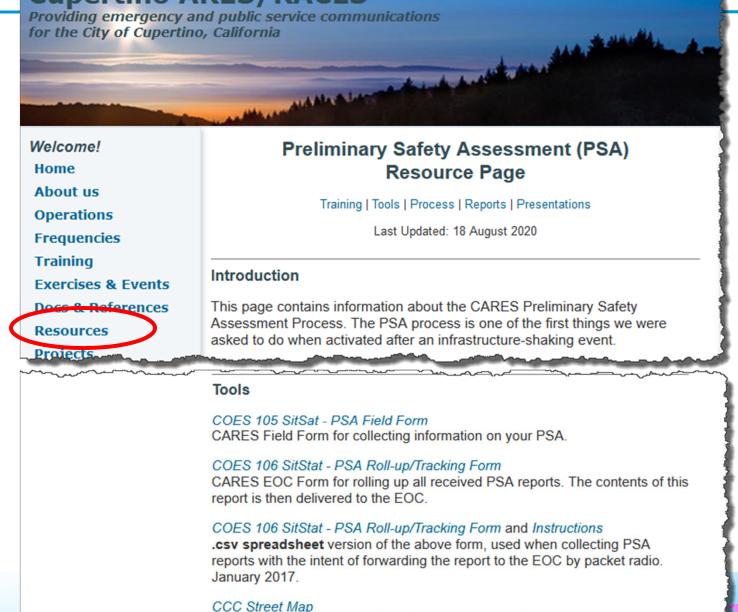
To this and the following Standing Orders for a CADPS response and fortun



Preliminary Safety Assessment

http://www.cupertinoares.org > Resources > PSA

Cupertino ARES/RACES



Cupertino street map with County Grid markings. 2012

Cupertino ARES/RACES

Preliminary Safety Assessment

A PSA is...

- an assessment performed right after an earthquake
- a sufficient look at the City so the immediate response can be prioritized
- performed by Cupertino ARES volunteers





A PSA is not...

- A detailed damage assessment
- Performed every time Cupertino Citizen Corps or CARES is activated, but only after an earthquake or as requested by the Cupertino EOC





The PSA is initially performed by Cupertino ARES...

- Where we live provides a sufficient random sample of the city
- Being radio operators allows us to report our findings on the CARES Emergency Net regardless of the state of commercial communications infrastructure





What makes up a PSA?

Information – the things to look for in the field

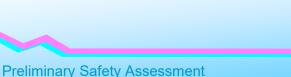
- Injuries
- Structural damage
- Fires
- Utility or access hazards
- Power outages

Process – the method for performing the PSA and reporting our findings

Data collection



EOC Roll-up





COES 105 Situation Status / PSA Form

		tatus / PSA Form d Neighborhoods, CARES Preliminary Safety Assessn	nent		Control No:
	ssment Date/time:		Street: Between: and:		
Perfo	rmed by:		Map Grid (County Grid):		
Comn	nand Post Locatior	1:		Number of Units Surveyed:	
Ref	Category	Subcategory	Count	Notes/Addresses (use back of page if ne	cessary)
1.1	Injuries, Minor	Able to walk away from the incident			
1.2	Injuries, Delayed	Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands		Address:	
1.3	Injuries, Immediate	Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disoriented		Address:	
1.4	Injuries, Presumed Dead	No respiration		Address:	
2.1	Structure, Light Damage	 Superficial Damage Broken Windows Cracked or fallen plaster Main damage is to contents 			
2.2	Structure, Moderate Damage	 Large amount of cracking on exterior Small cracks around doors and foundations No outward sign of structural damage 		Address:	
2.3	Structure, Heavy Damage	 Partial or full collapse Building is off foundation Structural damage to the building 		Address:	
3.1	Fire	Fire, Any situation, note if extinguished		Address:	
4.1	Hazards	Gas Leaks		Address:	
4.2	Hazards	Sewer Leaks		Address:	
4.3	Hazards	Water Main Breaks		Address:	
4.4	Hazards	Electrical Power, Lines Down. Units without power?			
5.1	Access	Roads blocked Other Obstructions			
	Report Logged? (initials) M26gged OP 03 CC	PS Desk Loggnd inary Saper Unit Completed		Rollup	

COES 106 Situation Status - PSA Rollup/Tracking Form Rev 160128 For use by Organized Neighborhoods, Cupertino Arks, CARES EOC

Rev 1	60128 For use by Organized Ne	eighborhoods, Cu	ipertino Arks, C/	ARES EOC		 		 	
	Closed Date/Time:								
	Submitted by: Call Sign:								
	Report Control No: Message ID:								
	Time Received:								
	Map Grid:								
	Number of homes surveyed:								
Ref	Category								
1.1	Injuries, Minor								
1.2	Injuries, Delayed								
1.3	Injuries, Immediate								
1.4	Injuries, Presumed Dead								
2.1	Structure, Light Damage								
2.2	Structure, Moderate Damage								
2.3	Structure, Heavy Damage								
3.1	Fire, Any situation								
4.1	Gas Leaks								
4.2	Sewer Leaks								
4.3	Water Main Breaks								
4.4	Electrical Power,								
5.1	Roads blocked								
Info Rece	passed to City by: ived by:			Da	ate/Time		L		
7 Jan	7 Jan 2021 Preliminary Safety Assessment								

1. Once the shaking stops...

Take care of yourself...

... your family

- Determine the condition of your family; apply first aid if necessary.
- Determine the structural soundness of your home; evacuate if necessary.

... your neighborhood

Perform the Preliminary Safety Assessment...

- What you do depends on your situation.
- Do not put your personal safety at risk.
- Do not exceed your physical ability to perform the assessment.

2. Check into the Net

- Turn on your radio and listen.
- If you are the first person on the frequency and have the capability to perform as an Net Control Operator, establish the CARES Emergency Net, or...
- Check in to the net when check-ins are requested.
- When directed, perform the PSA





3. Collecting the data...

Collect information on...

- Injuries
- Structure damage
- Fires
- Hazards
- Access

using...

COES 105 Situation Status / PSA (Preliminary Safety Assessment) Form

Asses	ssment Date/time:			Street: Between:
Performed by:				Map Grid (Chamber Map):
	mand Post Location	n:		Number of Units Surveyed:
Ref	Category	Subcategory	Count	Notes/Addresses (use back of
1.1	Injuries, Minor	Able to walk away from the incident	1	
1.2	Injuries, Delayed	Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands		Address:
1.3	Injuries, Immediate	Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disoriented OR TRAPPED		Address:
1.4	Injuries, Presumed Dead	no respiration		Address:
2.1	Structure, Light Damage	Superficial Damage Broken Windows Cracked or fallen plaster Main damage is to contents		
2.2	Structure, Moderate Damage	Large amount of cracking on exterior Small cracks around doors and foundations No outward sign of structural damage		Address:
2.3	Structure, Heavy Damage	Partial or full collapse Building is off foundation Structural damage to the building		Address:
3.1	Fire	Fire, Any situation, note if extinguished		Address:
4.1	Hazards	Gas Leaks	1	Address:
4.2	Hazards	Sewer Leaks	1	Address:
4.3	Hazards	Water Main Breaks	1	Address:
4.4	Hazards	Electrical Power, Lines Down. Units without power?		
5.1	Access	Roads blocked Other Obstructions		

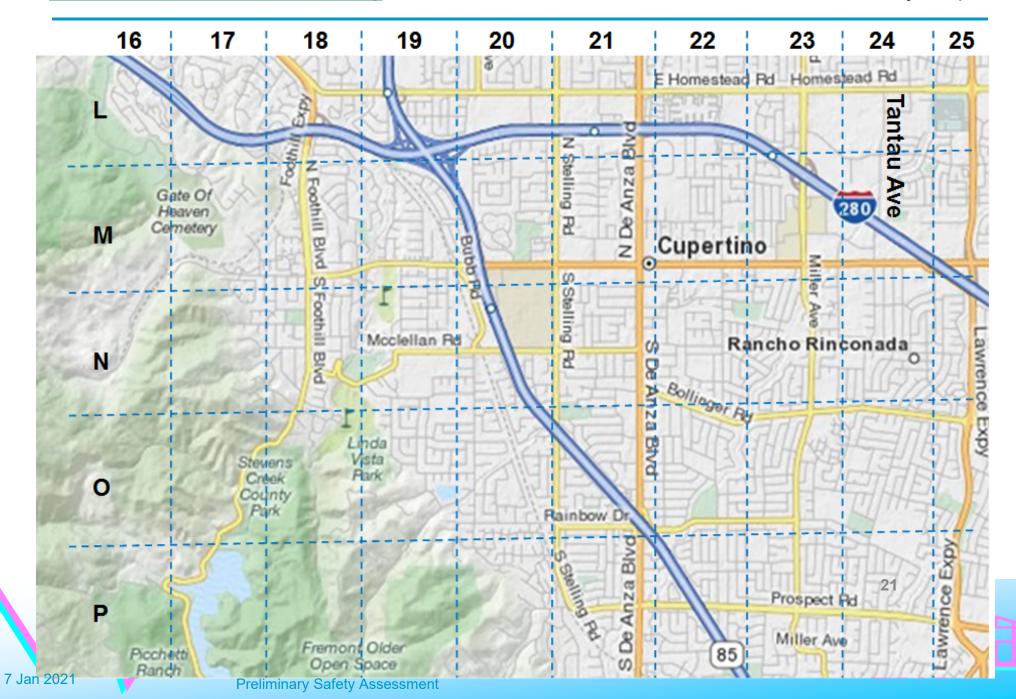
3. Collecting the data... filling out the form

COES 105 Situation Status / PSA Form Rev 080519 For use by Organized Neighborhoods, CARES Preliminary Safety Assessment	Control No:	
Assessment Date/time: 1/23/21 0925	Street: Between: and:	
Performed by: Jim kn6pe	Map Grid (Chamber Map): P20	
Command Post Location:	Number of Units Surveyed: 16	
	LI. JAIN / II / I/ V	

Header

Date/Time	When you performed the PSA
Performed by:	This is you
Command Post Location:	Use if you are part of an Ark deployment. Otherwise, leave blank
Street: Between and:	Use if you are part of an Ark deployment. Otherwise, leave blank
Map Grid:	Use Santa Clara County map for the grid where you are operating
Number of units.	This is the survey size of the houses you checked.
Control No:	Use if you are part of an Ark deployment. Otherwise, leave blank

http://www.cupertinoares.org > Docs and References > Field References > City Map



3. Collecting the data... Category refresher

Injuries

- Simple Triage and Rapid Treatment – START
- RPM..
 - Respiration
 - Profusion
 - Mental status

	Ref	Category	Subcategory
	1.1	Injuries, Minor	Able to walk away from the incident
apid			
	1.2	Injuries, Delayed	Regular breathing, and
			Capillary refill <2 sec, and
			Answers questions, responds to
			commands
	1.3	Injuries,	Rapid Breathing >30/min, or
		Immediate	capillary refill >2 sec, or
			Confused, disoriented
			OR TRAPPED
	1.4	Injuries,	Unconscious, no respiration
		Presumed Dead	-

Ref: <u>www.cupertinoares.org</u> > Resources > PSA > Training > START video



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3. Collecting the data... Category refresher

Damage Assessment

- Light damage
- Moderate damage
- Heavy damage

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Ref	Category	Subcategory
2.1	Structure, Light	 Superficial Damage
	Damage	Broken Windows
		 Cracked or fallen plaster
		 Main damage is to contents
2.2	Structure,	 Large amount of cracking on exterior
	Moderate	 Small cracks around doors and
	Damage	foundations
		 No outward sign of structural damage
2.3	Structure, Heavy	Partial or full collapse
	Damage	 Building is off foundation
	-	 Structural damage to the building

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Ref: <u>www.cupertinoares.org</u> > Resources > PSA > Training > Damage Assessment, pg 35

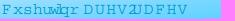


3. Collecting the data... Category refresher

Fire, Hazards, Access

- What you see
- What you hear
- What you smell

Ref	Category	Subcategory
3.1	Fire	Fire, Any situation, note if extinguished
4.1	Hazards	Gas Leaks
4.2	Hazards	Sewer Leaks
4.3	Hazards	Water Main Breaks
4.4	Hazards	Electrical Power, Lines Down. Power in the neighborhood?
5.1	Access	Roads blocked Other Obstructions



3. Collecting the data... filling out the form

Ref	Category	Subcategory	Count	Notes/Addresses (use back of page if necessary)
1.1	Injuries, Minor	Able to walk away from the incident 8	111	
1.2	Injuries, Delayed	Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands		Address:
1.3	Injuries, Immediate	Rapid Breathing >30/min, or capillary refill >2 sec, or 3 Confused, disoriented OR TRAPPED	111	Address: 541 Woodhill court 2671 Pinebrook Ct 965 Stelling Road
1.4	Injuries, Presumed Dead	Unconscious, no respiration 0		Address:
2.1	Structure, Light Damage	Superficial Damage Broken Windows Cracked or fallen plaster Main damage is to contents	1114 -	
	<u>.</u>	1 . <u>*.</u>		1

Main Section

The Count	Indicate the number of encounters that meet this criteria
Notes/Addresses	For Life-threatening or property-threatening, list the addresses

Note: When done, total up each block and write the number-"somewhere" for easy reporting.

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3. Collecting the data... finishing up the form

		The neighborhood:		1
5.1	Access	Roads blocked		
		Other Obstructions		
Status F	Report Logged? (Initia	nis)		
Doc Uni	t Logged	OPS Desk Logged	Doc Unit Completed	Rollup
COES10		COES104	COES103	

Footer

Status Report Logged?	Use if you are part of an Ark deployment. Otherwise, leave blank.
Roll-up	Use if you are part of an Ark deployment. Otherwise, leave blank

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Preliminary Safety Assessment

4. Prepare your Message

- *Message ID* -- Assigned by the Net Control Operator
- Precedence -- determines the urgency of the message (Emergency, Urgent, Routine, Health & Welfare)
- Destination -- If omitted, deliver to EOC Planning or Ops Section
- Date/Time -- Time the message was created. If omitted, receiving station enters the Date/Time the message was received.
- Subject If omitted, "PSA"
- The Message -- PSA Report... numbers only if you have Emergency Traffic... nature and location





Message Handling

4a. Precedence (Priority)

- **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.
- 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 earthquake aftershocks suggesting the need for additional rescue efforts or surveillance.
- Routine PSA reports, correspondence between agency representatives, material and logistics messages, routine resource requests, shift planning, relief requests, etc.

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• Health & Welfare – Includes welfare inquiries

Message Handling

4b. Precedence – Routine

For a Routine PSA message

- When done with your PSA, tell Net Control you have PSA traffic.
- When directed by Net Control, pass your traffic to the PSA Packet Recorder.





Message Handling 4b. Precedence – Urgent, Emergency

For Urgent or Emergency PSA Traffic

- If you discover an EMERGENCY and URGENT situation, immediately tell Net Control.
- You will be directed to TAC2 (or a different frequency) to send this message ONLY to a ALT911 Home station.
- When done, return to TAC1, tell NCS you are back, and complete your PSA
- When done with your PSA, tell Net Control you have PSA traffic.





Assessment Date/time: SSD Street: Northform (Northform (atus / PSA Form Neighborhoods, CARES Preliminary Safety Assessme	CUP-13-06T Control No: Street: Northforde, Northwind	
Performed by: Cascoc KT6WDF Map Grid (Chamber Map): ∠ - 2-2 Command Post Location: Number of Units Surveyed: 2g Ref Category Subcategory Count 1.1 Injuries, Minor Able to walk away from the incident /// 1.2 Injuries, Delayed Regular breathing, and Capillary refil <2 sec, and Answers questions, responds to commands Address: 1.3 Injuries, Immediate Regular breathing >30/min, or capillary refil <2 sec, or Confused, disortented OR TRAPPED Address: 1.4 Injuries, Immediate Superficial Damage Address: 2.1 Structure, Light Damage Superficial Damage Address: 2.2 Structure, Heavy Partial or full collapse /// 3.1 Fire Fire, Ary situation, note if extinguished Ø 3.1 Fire Fire, Ary situation, note if extinguished Ø 3.1 Fire Fire, Ary situation, note if extinguished Ø 3.1 Fire Fire, Ary situation, note if extinguished Ø 3.1 Fire Fire, Ary situation, note if extinguished Ø 4.1 Hazards Gas Leaks Ø 3.1 Fire Fire, Ary situation, note if extinguished Ø 4.3					
Command Post Location: Number of Units Surveyed: 2 § Ref Category Subcategory Count Notes/Addresses (use back of page if necessary) 1.1 Injuries, Minor Able to walk away from the incident /// Notes/Addresses (use back of page if necessary) 1.2 Injuries, Delayed Regular breathing, and Capillary refil <2 ec., and Answers questions, responds to commands /// Address: 1.3 Injuries, Immediate Rapid Breathing >30/min, or confused, discriented Address: 2.1 Notucture, Light Damage Unconscious, no respiration Ø Address: 2.1 Structure, Light Damage •Superficial Damage • Gracked or fallen plaster /// Address: 2.2 Structure, Hawn Damage •Suructure, Gracked or fallen plaster /// Address: 2.3 Structure, Heavy Damage •Structure, Gracked or fallen plaster /// Address: 3.1 Fire Fire, Any situation, note if extinguished Damage Ø Address: 3.1 Fire Fire, Any situation, note if extinguished Damage Ø Address: 4.1 Hazards Gas Leaks Ø Address: 4.2 Hazards Sewer Leaks Ø Address: 4.3 Hazards Electrical Power, Lines Down. Power		second statements are an experienced from the first statements of			
Ref Category Subcategory Count Notes/Addresses (use back of page if necessary) 1.1 Injuries, Minor Able to walk away from the incident /// 1.2 Injuries, Minor Regular breathing, and Capillary refill >2 sec, and Answers questions, responds to commands /// Address: 1.3 Injuries, Immediate Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disordented OR TRAPPED Ø Address: 1.4 Injuries, Presumed Dead • Superficial Damage • Address: /// 2.1 Structure, Light • Superficial Damage /// Address: /// 2.2.1 Structure, Light • Superficial Damage /// /// Address: 2.3 Structure, Light • Superficial Damage is to contents ### /// Address: 2.3 Structure, Light • Superficial Damage is to contents ### /// Address: 3.1 Fire • Fire, Any situation, note if extinguished Ø Address: 3.1 Fire Fire, Any situation, note if extinguished Ø Address: <t< td=""><td>Perfor</td><td>med by: Cascor</td><td>e KJOWBF</td><td></td><td></td></t<>	Perfor	med by: Cascor	e KJOWBF		
1.1 Injuries, Minor Able to walk away from the incident /// 1.2 Injuries, Delayed Regular breathing, and Capillary refile-2 see, and Answers questions, responds to commands Address: 1.3 Injuries, Rapid Breathing > 30/min, or capillary refile-2 see, or Confused, disoriented OR TRAPPED Address: 1.4 Injuries, Presumed Dead • Supericial Damage Address: 2.1 Structure, Light Damage • Supericial Damage Address: .1.4 Injuries, Injuries, reacked or fallen plaster /// Address: .2.1 Structure, Light Damage • Supericial Damage /// .4.4 Presumed Dead • Supericial Context around doors and environed to the building /// .4.5 Structure, Heavy Damage • Small Cracks around doors and environed to the building /// .5.1 Fire Fire, Any situation, note if extinguished Address: 3.1 Fire Fire, Any situation, note if extinguished Address: 4.1 Hazards Gas Leaks Ø Address: 4.3 Hazards Sewer Leaks Ø Address: 4.4 Hazards Electrical Power, Lines Down. Power in	Comm	and Post Location	:		Number of Units Surveyed: 28
Induction Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands Address: 1.3 Injuries, Immediate Rapid Breathing >30/min, or confused, disoriented OR TRAPPED Address: 1.4 Injuries, Immediate Rapid Breathing >30/min, or confused, disoriented OR TRAPPED Address: 1.4 Injuries, Presumed Dead Unconscious, no respiration Address: 2.1 Structure, Light Damage • Superficial Damage • Broken Windows • Cracked or fallen plaster foundations //s 2.2 Structure, Light Damage • Large amount of cracking on exterior • Small cracks around doors and #** //s 2.3 Structure, Heavy Damage • Partial or full collapse • Building is of foundation • Structural damage to the building //a 3.1 Fire Fire, Any situation, note if extinguished Address: 4.1 Hazards Gas Leaks Ø 4.2 Hazards Sever Leaks Ø 4.3 Hazards Electrical Power, Lines Down. Power in the neighborhood? Z 5.1 Access Oc Bitlage Oc Unit Completed OCESI03	Ref	Category		Count	Notes/Addresses (use back of page if necessary)
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Immediate capillary refil >2 sec, or Confused, disoriented OR TRAPPED Ø 1.4 Injuries, Presumed Dead Unconscious, no respiration Ø 2.1 Structure, Light Damage • Superficial Damage • Broken Windows • Cracked or fallen plaster ////////////////////////////////////	1.2	Injuries, Delayed	Capillary refill <2 sec, and Answers questions, responds to commands	Ø	Address:
Presumed Dead Superficial Damage Superficial Damage 2.1 Structure, Light Damage • Superficial Damage • Superficial Damage • Brocken Windows • Cracked or fallen plaster ////////////////////////////////////	1.3		capillary refill >2 sec, or Confused, disoriented	ø	Address:
Damage • Broken Windows //// • Cracked or fallen plaster ·/// • Main damage is to contents /// //// 2.2 Structure, Moderate Damage • Large amount of cracking on exterior • Small cracks around doors and /// Address: 2.3 Structure, Heavy Damage • Partial or full collapse • Building is off foundation • Structural damage to the building Address: 3.1 Fire Fire, Any situation, note if extinguished Ø Address: 4.1 Hazards Gas Leaks Ø Address: 4.2 Hazards Sewer Leaks Ø Address: 4.3 Hazards Electrical Power, Lines Down. Power in the neighborhood? Address: 5.1 Access Roads blocked Other Obstructions Ø Address: 5.1 Access Roads blocked Other Obstructions Ø Rollup	1.4		Unconscious, no respiration	Ø	Address:
Moderate Damage • Small cracks around doors and the foundations • Moderate foundations • Small cracks around doors and the foundations • Moderate foundations • Moderate 2.3 Structure, Heavy Damage • Partial or full collapse • Address: Address: 3.1 Fire • Structural damage to the building Ø Address: 4.1 Hazards Gas Leaks Ø Address: 4.2 Hazards Sewer Leaks Ø Address: 4.3 Hazards Sewer Leaks Ø Address: 4.4 Hazards Electrical Power, Lines Down. Power in the neighborhood? Q Address: 5.1 Access Roads blocked Other Obstructions Ø Morthforde entrance off of Blang Av. Status Report Logged OCES103 OPS Desk Logged COES103 Doc Unit Completed COES103 Rollup	2.1		Broken Windows Cracked or fallen plaster	15	
2.3 Structure, Heavy Damage • Partial or full collapse • Building is off foundation • Structural damage to the building Address: 3.1 Fire Fire, Any situation, note if extinguished Address: 4.1 Hazards Gas Leaks Image 4.2 Hazards Sewer Leaks Image 4.3 Hazards Sewer Leaks Image 4.4 Hazards Electrical Power, Lines Down. Power in the neighborhood? Address: 5.1 Access Roads blocked Other Obstructions Image Status Report Logged? (initials) Doc Unit Logged Doc Unit Completed COES103 Doc Unit Completed COES103 Rollup	2.2	Moderate	Small cracks around doors and He foundations	13	Address:
4.1 Hazards Gas Leaks Ø Address: 4.2 Hazards Sewer Leaks Ø Address: 4.3 Hazards Water Main Breaks Ø Address: 4.4 Hazards Electrical Power, Lines Down. Power in the neighborhood? Address: 5.1 Access Roads blocked Other Obstructions Ø Status Report Logged? (initials) Doc Unit Completed COES103 Ø Rollup	2.3		 Partial or full collapse Building is off foundation 	Ø	Address:
4.2 Hazards Sewer Leaks Ø Address: 4.3 Hazards Water Main Breaks Ø Address: 4.4 Hazards Electrical Power, Lines Down. Power in the neighborhood? Ø Address: 5.1 Access Roads blocked Other Obstructions Ø Northfortle entrance off of Blaney av. Status Report Logged? (initials) Doc Unit Logged OP Doc Unit Completed COES103 Rollup	3.1	Fire	Fire, Any situation, note if extinguished	Ø	Address:
4.3 Hazards Water Main Breaks Ø Address: 4.4 Hazards Electrical Power, Lines Down. Power in the neighborhood? Z Nor Huforale en trance off of Blancy av. 5.1 Access Roads blocked Other Obstructions Ø Nor Huforale en trance off of Blancy av. Status Report Logged? (initials) Doc Unit Logged OPS Desk Logged OPS Desk Logged COES103 Doc Unit Completed COES103 Rollup	4.1	Hazards	Gas Leaks	Ø	Address:
4.4 Hazards Electrical Power, Lines Down. Power in the neighborhood? 2. Northfonle entrance off of Blancy av. 5.1 Access Roads blocked Other Obstructions 0 0 Status Report Logged? (initials) Doc Unit Logged OPS Desk Logged OPS Desk Logged COES103 Doc Unit Completed COES103 Rollup	4.2	Hazards	Sewer Leaks	Ø	Address:
the neighborhood? Z Northforde entrance off at Blaney av. 5.1 Access Roads blocked Other Obstructions 0 Status Report Logged? (initials) Doc Unit Logged OPS Desk Logged Doc Unit Completed COES103 Rollup	4.3	Hazards	Water Main Breaks	Ø	Address:
5.1 Access Roads blocked Other Obstructions Status Report Logged? (initials) Doc Unit Logged OPS Desk Logged Doc Unit Completed COES103 COES103 COES104 COES103	4.4	Hazards	the neighborhood?	2	Northfords entrenes off of Blange av.
Doc Unit Logged OPS Desk Logged Doc Unit Completed Rollup COES103 COES104 COES103 COES103			Other Obstructions	0	
	Doc Un	it Logged OP	S Desk Logged Doc Unit Completed		

Message Handling

What it sounds like - Sending a PSA Report

KJ6WBF: "Net Control, this is KJ6WBF with PSA Traffic for the EOC" NCS: KJ6WBF acknowledged. EOC, are you ready to copy PSA traffic? EOC: "EOC is ready" NCS: KJ6WBF, your message number is 30. Send your traffic to the EOC. *KJ6WBF*: "EOC, This is KJ6WBF with PSA Traffic, message #30. Break" EOC: "OK, Continue" KJ6WBF: "Map coordinate is 'Lima 22'. Number of houses surveyed is 28. Break" EOC: "OK. Continue" KJ6WBF: Section 1 is 14, 0, 0, 0. Break" "OK, Continue" EOC: KJ6WBF: "Section 2 is 15, 13, 0. Break" EOC: "OK, Continue" KJ6WBF: "Section 3 is 0. Break" EOC: "OK. Continue" *KJ6WBF*: "Section 4 is 0, 0, 0, 2. Break" EOC: "OK, Continue" KJ6WBF: "Section 5 is 0. End of Message. This is KJ6WBF" EOC: "Acknowledged. This is EOC, K6FJC back to net." NCS: This is KD6TQJ, Net Control for the Cupertino Emergency Net. Other stations with any traffic, please identify now.

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Preliminary Safety Assessment

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PSA Recording – Paper-based

COES 106 Situation Status - PSA Rollup/Tracking Form Rev 080519 For use by Organized Neighborhoods, Cupertino Arks, CARES EOC

	Closed Date/Time:		peruno Ano, ci									
	Submitted by: Call Sign:	kd6qpp	kn6pe	kj6wbf	kg6teu							
	Report Control No: Message ID:	28	29	30	31							
	Time Received:	0912	0915	0918	0920	Wh	at ha	anno	ne af	tho	EOC	2
	Map Grid:	M18	P20	L22	0 19	••••	αιπα	appe	115 ai		LUC	
	Number of homes surveyed:	12	24	28	25		ot Cor	stral O	norat	or dire	oto D	2 ^
Ref	Category								perati	or une	ects PS	5A
1.1	Injuries, Minor	3	8	14	10	tra	affic to	the P	SAR	ecord	er.	
1.2	Injuries, Delayed	2	0	0	2							
1.3	Injuries, Immediate OR TRAPPED	1	3	0	1	2.P	SA Re	corde	r rece	ives a	ind rea	cords
1.4	Injuries, Presumed Dead	0	0	0	0	th	e PSA	repo	rts.			
2.1	Structure, Light Damage	5	11	15	15				_			
2.2	Structure, Moderate Damage	1	5	13	9			•			ivered	
2.3	Structure, Heavy Damage	0	1	0	1	D	DC (C	CC Li	aison) in the	e EOC	· ·
3.1	Fire, Any situation	0	1	0	0					., –		
4.1	GasLeaks	3	1	0	3					•	EOC st	
4.2	Sewer Leaks	1	0	0	0					•	•	ortions
4.3	Water Main Breaks	1	3	0	1	of	the ci	ty woi	rse off	than	others	5.
4.4	Electrical Power,	0	1	2	1							
5.1	Roads blocked	0	5	0	0							
	passed to City by: ived by:			Da	te/Time							

PSA Recording – Spreadsheet by packet

F	ile Ho	ome l	nsert	Pag	e Layout	Form	nulas	D	ata	Re	view	Vi	ew	He	lp	Q	Tell n	ne	8	. Share	
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1	Call Sign	Msg ID	Time	Grid	Surveyed	1.1	1.2	1.3	1.4	2.1	2.2	2.3	3.1	4.1	4.2	4.3	4.4	5.1			
2	KD6QPP	28	912	M18	12	3	2	1	0	5	1	0	0	3	1	1	0	0			
3	KN6PE	29	915	P20	24	8	0	3	0	11	5	1	1	1	0	3	1	5			
4	K6JWBF	30	918	L22	18	14	0	0	0	15	13	0	0	0	0	0	2	0			
5	KG6TEU	31	920	019	25	10	2	1	0	15	9	1	0	3	0	1	1	0			
6																					
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10	210107-PSA-Packet-Example										:	•								Þ	
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7 Jan 2021

Preliminary Safety Assessment

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Initial Response Ops

PSA activities

	ARES NCS staffed tivation in the field	Van at the EOC and is staffed	Decision to deploy FRs	CARES FRs on station	
Event occurs	Respond from where we stand	First EOC Respond	sta	C is affed 8 hrs Initial Field Assignments	
⊢	NCO -Take CARES check-ins -Establish frequency guard -Queue Life-threatening traffic -Queue Property-threatening -Direct PSA traffic to the PSA -Direct U/E traffic to ALT911 s -Check for FR availability	NCO, RRO, all CA -Direct Life-threate traffic to EOC traffic recorder	ARES ening Shift Superv -Decision to o -Make field a	FRs -Setup at the ARC, Field locations -Set up Packet Kits -Receive, Send ARC traffic -Sort, prioritize, and send traffic)
() (2) (3) (5)	Shift Supervisor -Request a Spot-check; yes, of -Identify a packet PSA Record -Identify a home ALT911 station -Direct to start PSAs -Assess need for field deployed -Direct a Driver to retrieve the -Direct one FR to the EOC -When done, send PSA summary to EOC by Packet	der on Son Ment e Van	Responder Control Operator lio Room Operator	Shift Supervisor -Confirm additional Information requirements -Direct Responders -Resource Planning -Pass PSA Traffic to the ARCs by Packet	:t

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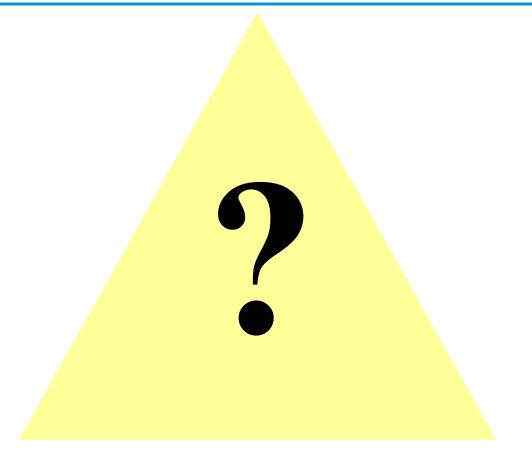
Preliminary Safety Assessment PSA Drill

- When: Saturday, 23-Jan, 8:30am to 9:30am
- Where: Operate from your home location
- Who: All CARES members, a SS, NCO, PSA Recorder, ALT911 Home Station
 - What: 1. Develop a damage scenario that you think would be typical of your neighborhood.
 - How: 1. Download the PSA Form
 - 2. Net is called at 8:30a, take check-ins
 - 3. Simulate or actually go through your assessment process; Use the PSA data collection form.
 - 4. Over the next hour, CARES members send PSA messages based on precedence
 - 5. On-air critique at about 9:00am
 - 6. Secure the net

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Preliminary Safety Assessment

Thank you Any Questions?





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Preliminary Safety Assessment