

Preliminary Safety Assessment Process Overview

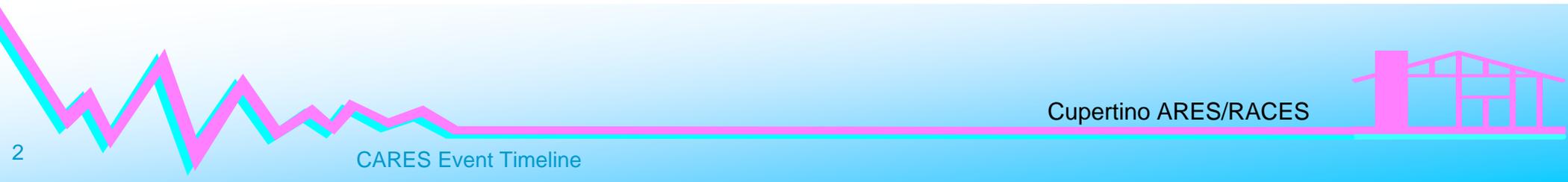
4 January 2014
Jim Oberhofer KN6PE

Cupertino ARES/RACES



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.



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



Earthquake Scenario

What is everyone doing? Initial Response Assignments

| | |
|----------------|--|
| City Staff | <ul style="list-style-type: none">• Inspect City facilities• Staff the EOC |
| County Fire | <ul style="list-style-type: none">• Fire suppression• Search and Rescue• Mutual Aid |
| County Sheriff | <ul style="list-style-type: none">• Public Safety• Law and Order |
| CERT, MRC | <ul style="list-style-type: none">• CERT operations (SAR, medical, care and shelter, etc.) and support for:<ul style="list-style-type: none">– Organized neighborhoods– ARK ICS, response |
| CARES | <ul style="list-style-type: none">• Preliminary Safety Assessment• Field communications (ARKs, Fire Stations, shadows)• Infrastructure Safety Assessment |



Earthquake Scenario

| Served Agencies | Critical Need |
|-----------------------------------|--|
| City of Cupertino | <ol style="list-style-type: none">1. Preliminary Safety Assessment2. ARK communications support3. Critical facility staffing4. General communications support |
| Santa Clara County Fire | <ol style="list-style-type: none">1. Infrastructure Safety Assessment2. Community contact at Fire Stations |
| Cupertino Sanitary District | Infrastructure safety assessment |
| San Jose Water Company | Infrastructure safety assessment |
| Other critical agencies | Need |
| Cupertino Medical Center | Communications with the city |
| Cal Water | Infrastructure Safety Assessment |
| Santa Clara Valley Water District | Infrastructure safety assessment |
| Union Pacific RR | Infrastructure safety assessment |
| County EOC | Communications with the city |



Earthquake Scenario

CARES response assignments

| | |
|----------------------------------|---|
| Preliminary Safety Assessment | CARES collects and reports information about the state of the city immediately after a city-wide emergency or disaster occurred. |
| Field Response | CARES members respond and operate at a field assignment during a declared emergency. |
| Infrastructure Safety Assessment | CARES observes and reports on selected Cupertino critical facilities that are deemed to be important to the City or other Agencies. |



Preliminary Safety Assessment

What is it?

Situation

- The Cupertino EOC needs a rapid assessment of the state of the city so that response resources can be assigned to have the maximum impact.
- During city-wide disasters, regular communications channels may be disrupted, leaving EOC decision-makers with little information to go on.



Preliminary Safety Assessment

What is it?

Response

- CARES is chartered to provide Preliminary Safety Assessment (PSA) information when a disaster occurs.

Definition

- An assessment of magnitude.
- A PSA report occurs early in an emergency. While information may be fragmented and incomplete, whatever data is available will provide the City with a preliminary assessment of the damage so the EOC can determine the best response to save lives, protect property, and speed the recovery.
- Early Safety Assessment reports should not be delayed by getting mired in detail in an effort to obtain more extensive assessment information.



Preliminary Safety Assessment

When do we do it?

Self-evident Events

- Earthquakes... These events have the potential for significant damage throughout the Bay Area.

Non-evident Events

- Flooding... May be localized to a specific area
- Man-made disasters...
- Whenever requested by the EOC



Authorization to activate

9.1.2 Self-announcing Natural Disasters

The following direction is authorized per the following reference:
Emergency Operations Plan, City of Cupertino, Part I Basic Emergency Plan, Section XI Volunteers and Disaster Service Workers, page 43.

- During self-announcing natural disasters, CARES members may self-dispatch and commence windshield surveys to provide situation status and Preliminary Safety Assessments provided it is safe to do so.
- CARES members may also respond to Mutual Aid requests and may become part of the Santa Clara County Operational Area ARES/RACES team.
- For all other events (natural and man-made), requests for DSWs will be announced via telephone, courier, radio, and television.
- Volunteers will not respond to any act of terrorism unless specifically requested by the EOC or their City contact person.



The PSA Process

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.



The PSA Process

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.
- If directed, perform the PSA



The PSA Process

3. Collecting the data...

Collect information on...

- Injuries
- Structure damage
- Fires
- Hazards
- Access

using...

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

COES 105 Situation Status / PSA Form

Rev 090519 For use by Organized Neighborhoods, CARES Preliminary Safety Assessment

| Assessment Date/time: | | | Street: Between: | |
|----------------------------------|----------------------------------|--|---------------------------|------------------------------------|
| Performed by: | | | Map Grid (Chamber Map): | |
| Command Post Location: | | | Number of Units Surveyed: | |
| Ref | Category | Subcategory | Count | Notes/Addresses (use back of page) |
| 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 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 • 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. Power in the neighborhood? | | |
| 5.1 | Access | Roads blocked Other Obstructions | | |
| Status Report Logged? (initials) | | | Rollup _____ | |
| Doc Unit Logged | OPS Desk Logged | Doc Unit Completed | | |
| COES103 | COES104 | COES103 | | |



<http://www.cupertinoares.org/ccc/forms>



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The following forms are used by Cupertino ARES/RACES, Cupertino's CERT, and MRC teams when responding to events throughout the city. All forms below are in PDF format. For a source copy of the forms, please contact [kn6pe @ arrl.net](mailto:kn6pe@arrl.net).

| Form Name | Version |
|--|----------|
| CERT / Ark Forms | |
| COES100 - Org Chart | May-2008 |
| COES101 - Assistance Request | 080519 |
| COES102 - Help Desk Control No Assignment Log | 8.080405 |
| COES103 - Planning & Intel Section Event Log | 080519 |
| COES104 - Operations Section Event Log | 080519 |
| COES105 - Situation Status / PSA | 080519 |
| COES106 - Situation Status Rollup / Tracking | 080519 |
| COES107 - T-Card (Cupertino version) | |
| COES108 - Missing Person Form | 6.060504 |
| COES121 - Check-in/Check-out | |
| COES122 - Inventory Form | |
| COES123 - Logistics Order Form | |
| COES134 - Logistics Receipt Form | |



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| Form Name | Version |
|--|-------------|
| ARES/RACES Forms | |
| COES201 - Net Control Log | 060722 |
| COES105 - Preliminary Safety Assessment, Field | 080519 |
| COES106 - Situation Status Rollup / Tracking | 080519 |
| COES204 - Preliminary Safety Assessment, Rollup | 060722 |
| COES205 - Infrastructure Safety Assessment, Rollup | 071114 |
| COES210 - After Action Report Format | 060722 |
| ICS309 - Communications Log | 100505 |
| MRC Forms | |
| COES109 - Patient Registration Log | 090801 |
| COES110 - Patient Care Report | 0508 |
| COES111 - Minor Injury Form | 090801 |
| COES112 - Logistics Report | 1.0608 |
| COES113 - Secondary Assessment Worksheet | 1.0508 |
| ICS206 - Medical Plan | BASARC 3/98 |
| NHAMCS-100 - Ambulatory Medical Care | 8-18-2004 |



COES 105 Situation Status / PSA Form

Rev 090519 For use by Organized Neighborhoods, CARES Preliminary Safety Assessment

Control No: _____

| Assessment Date/time: | | Street: Between: _____ and: _____ | | |
|----------------------------------|----------------------------------|---|-------|---|
| Performed by: | | Map Grid (Chamber Map): _____ | | |
| Command Post Location: | | Number of Units Surveyed: _____ | | |
| 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, 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 | Unconscious, no respiration | | Address: _____ |
| 2.1 | Structure, Light Damage | <ul style="list-style-type: none"> • Superficial Damage • Broken Windows • Cracked or fallen plaster • Main damage is to contents | | |
| 2.2 | Structure, Moderate Damage | <ul style="list-style-type: none"> • Large amount of cracking on exterior • Small cracks around doors and foundations • No outward sign of structural damage | | Address: _____ |
| 2.3 | Structure, Heavy Damage | <ul style="list-style-type: none"> • 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. Power in the neighborhood? | | |
| 5.1 | Access | Roads blocked Other Obstructions | | |
| Status Report Logged? (initials) | | Doc Unit Completed | | Rollup _____ |
| Doc Unit Logged | OPS Desk Logged | COES103 | | |
| COES103 | COES104 | COES103 | | |

The PSA Process

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

COES 105 Situation Status / PSA Form

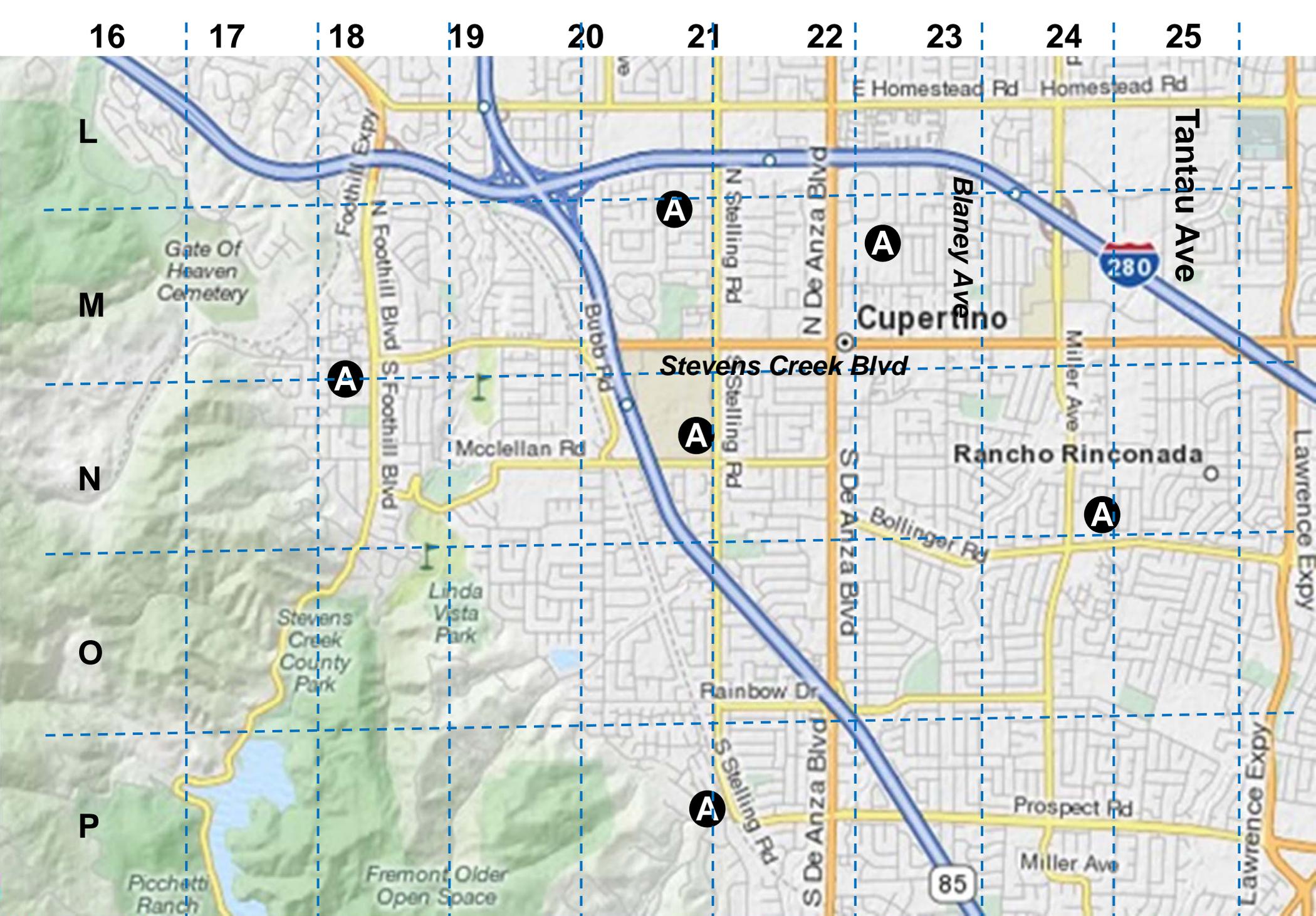
Rev 080519 For use by Organized Neighborhoods, CARES Preliminary Safety Assessment

Control No:

| | |
|--|--------------------------------------|
| Assessment Date/time: <i>2/6/12 8:45am</i> | Street: Between: _____ and: _____ |
| Performed by: <i>Jim o kn6pe</i> | Map Grid (Chamber Map): <i>P20</i> |
| Command Post Location: | Number of Units Surveyed: <i>24</i> |

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 |



The PSA Process

3. Collecting the data... Category refresher

- **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 |
| 1.2 | Injuries, Delayed | Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands |
| 1.3 | Injuries, Immediate | Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disoriented OR TRAPPED |
| 1.4 | Injuries, Presumed Dead | Unconscious, no respiration |



The PSA Process

3. Collecting the data... Category refresher

Damage Assessment

- Light damage
- Moderate damage
- Heavy damage

| | | |
|-----|----------------------------|---|
| 2.1 | Structure, Light Damage | <ul style="list-style-type: none">• Superficial Damage• Broken Windows• Cracked or fallen plaster• Main damage is to contents |
| 2.2 | Structure, Moderate Damage | <ul style="list-style-type: none">• Large amount of cracking on exterior• Small cracks around doors and foundations• No outward sign of structural damage |
| 2.3 | Structure, Heavy Damage | <ul style="list-style-type: none">• Partial or full collapse• Building is off foundation• Structural damage to the building |



The PSA Process

3. Collecting the data... Category refresher

Fire, Hazards, Access

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

| | | |
|-----|---------|--|
| 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 |



The PSA Process

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 |
| 1.2 | Injuries, Delayed | Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands | | Address: | 0 |
| 1.3 | Injuries, Immediate | Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disoriented OR TRAPPED | /// | Address: 541 Woodhill court 2671 Pinebrook Ct 965 Stelling Road | 3 |
| 1.4 | Injuries, Presumed Dead | Unconscious, no respiration | | Address: | 0 |
| 2.1 | Structure, Light Damage | <ul style="list-style-type: none"> • Superficial Damage • Broken Windows • Cracked or fallen plaster • Main damage is to contents | ### -/// / | | 11 |

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.



The PSA Process

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

| | | | | |
|----------------------------------|--------|--|------------------------------------|--------------|
| 5.1 | Access | the neighborhood: Roads blocked Other Obstructions | | |
| Status Report Logged? (Initials) | | | | Rollup _____ |
| Doc Unit Logged COES103_____ | | OPS Desk Logged COES104_____ | Doc Unit Completed 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 |



The PSA Process

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 additional rescue efforts or surveillance.
- **Routine** – PSA reports, correspondence between agency representatives, material and logistics messages, routine resource requests, shift planning, relief requests, etc.
- **Health & Welfare** -- Includes welfare inquiries



Message Handling

4b. Precedence (Priority)

Handling Mixed Urgency Messages

- If you have a mix of different message priorities, deliver the specific message priority (EMERGENCY and URGENT) when called.
- Deliver the balance of the PSA report (ROUTINE) when called.



COES 105 Situation Status / PSA Form

Rev 080519 For use by Organized Neighborhoods, CARES Preliminary Safety Assessment

CUP-13-06T

Control No: _____

| | |
|---------------------------------------|--|
| Assessment Date/time: 1/12/13 0850 | Street: Northfoale, Northwind Between: _____ and: _____ |
| Performed by: Casore KJWB/F | Map Grid (Chamber Map): L-22 |
| Command Post Location: | Number of Units Surveyed: 28 |

| Ref | Category | Subcategory | Count | Notes/Addresses (use back of page if necessary) |
|-----|----------------------------|--|-------|---|
| 1.1 | Injuries, Minor | Able to walk away from the incident <i>TRAPPED</i> | 14 | |
| 1.2 | Injuries, Delayed | Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands | 0 | Address: |
| 1.3 | Injuries, Immediate | Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disoriented OR TRAPPED | 0 | Address: |
| 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 | 15 | |
| 2.2 | Structure, Moderate Damage | • Large amount of cracking on exterior • Small cracks around doors and foundations • No outward sign of structural damage | 13 | Address: |
| 2.3 | Structure, Heavy Damage | • Partial or full collapse • Building is off foundation • Structural damage to the building | 0 | Address: |
| 3.1 | Fire | Fire, Any situation, note if extinguished | 0 | Address: |
| 4.1 | Hazards | Gas Leaks | 0 | Address: |
| 4.2 | Hazards | Sewer Leaks | 0 | Address: |
| 4.3 | Hazards | Water Main Breaks | 0 | Address: |
| 4.4 | Hazards | Electrical Power, Lines Down. Power in the neighborhood? | 2 | Northfoale entrance off of Blaney av. |
| 5.1 | Access | Roads blocked Other Obstructions | 0 | |

| | | | |
|----------------------------------|-----------------|--------------------|--------------|
| Status Report Logged? (Initials) | Ops Desk Logged | Doc Unit Completed | Rollup _____ |
| COES103 | COES104 | COES103 | |

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”

EOC: “OK, Continue”

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.*



COES 106 Situation Status - PSA Rollup/Tracking Form

Rev 090519 For use by Organized Neighborhoods, Cupertino Arks, CARES EOC

| | | | | | | | | | | |
|-------------------------|-----------------------------------|---------------|--------------|---------------|---------------|--|--|--|--|--|
| | Closed Date/Time: | | | | | | | | | |
| | Submitted by: Call Sign: | <i>kd6qpp</i> | <i>kn6pe</i> | <i>kj6wbf</i> | <i>kg6teu</i> | | | | | |
| | Report Control No: Message ID: | <i>28</i> | <i>29</i> | <i>30</i> | <i>31</i> | | | | | |
| | Time Received: | <i>0912</i> | <i>0915</i> | <i>0918</i> | <i>0920</i> | | | | | |
| | Map Grid: | <i>M18</i> | <i>P20</i> | <i>L22</i> | <i>O 19</i> | | | | | |
| | Number of homes surveyed: | <i>12</i> | <i>24</i> | <i>28</i> | <i>25</i> | | | | | |
| Ref | Category | | | | | | | | | |
| 1.1 | Injuries, Minor | <i>3</i> | <i>8</i> | <i>14</i> | <i>10</i> | | | | | |
| 1.2 | Injuries, Delayed | <i>2</i> | <i>0</i> | <i>0</i> | <i>2</i> | | | | | |
| 1.3 | Injuries, Immediate OR TRAPPED | <i>1</i> | <i>3</i> | <i>0</i> | <i>1</i> | | | | | |
| 1.4 | Injuries, Presumed Dead | <i>0</i> | <i>0</i> | <i>0</i> | <i>0</i> | | | | | |
| 2.1 | Structure, Light Damage | <i>5</i> | <i>11</i> | <i>15</i> | <i>15</i> | | | | | |
| 2.2 | Structure, Moderate Damage | <i>1</i> | <i>5</i> | <i>13</i> | <i>9</i> | | | | | |
| 2.3 | Structure, Heavy Damage | <i>0</i> | <i>1</i> | <i>0</i> | <i>1</i> | | | | | |
| 3.1 | Fire, Any situation | <i>0</i> | <i>1</i> | <i>0</i> | <i>0</i> | | | | | |
| 4.1 | Gas Leaks | <i>3</i> | <i>1</i> | <i>0</i> | <i>3</i> | | | | | |
| 4.2 | Sewer Leaks | <i>1</i> | <i>0</i> | <i>0</i> | <i>0</i> | | | | | |
| 4.3 | Water Main Breaks | <i>1</i> | <i>3</i> | <i>0</i> | <i>1</i> | | | | | |
| 4.4 | Electrical Power, | <i>0</i> | <i>1</i> | <i>2</i> | <i>1</i> | | | | | |
| 5.1 | Roads blocked | <i>0</i> | <i>5</i> | <i>0</i> | <i>0</i> | | | | | |
| Info passed to City by: | | Date/Time | | | | | | | | |
| Received by: | | | | | | | | | | |

What happens at the EOC?

1. Net Control Operator directs PSA traffic to the PSA Recorder.
2. PSA Recorder receives and records the PSA reports.
3. Rolled up reports are delivered to DOC (CCC Liaison) in the EOC.
4. The DOC helps the city EOC staff assess if there are particular portions of the city worse off than others.

02/05/04
PSA DRILL -
COP 05-02

TFIA 0943 0945 0946 949 0951 1000 Jim Van 1008
Preliminary Safety Assessment Form - EOC

| Call Sign: | KFLMCG | KN6PE | N37Z | WA6KDX | K6LTEL | W9BJX | K6LOGA | K6GPP | | |
|-----------------------|----------------------------|-------|------|--------|--------|-------------------------------|--------|-------|----|--|
| Time: | 0941 | 0944 | 0945 | 0947 | 0950 | 0959 | 1006 | - | | |
| Message ID: | 001 | 003 | 004 | 007 | 008 | 009 | 011 | - | | |
| MSgType: | PSA | PSA | PSA | PSA | PSA | PSA | PSA | PSA | | |
| Map Coord: | F4 | 5G | E2 | E7 | G6 | ^{MADRA US 704} D4 | F6 | B3 | | |
| Survey: | 12 | 42 | 9 | 50 | 25 | 22 | 114 | 16 | | |
| Ref | Category | | | | | | | | | |
| 1.1 | Injuries, Minor | 0 | 4 | 0 | 3 | 10 | 6 | 15 | 0 | |
| 1.2 | Injuries, Delayed | 0 | 1 | 2 | 0 | 2 | 0 | 3 | 1 | |
| 1.3 | Injuries, Immediate | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | |
| 1.4 | Injuries, Presumed Dead | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 2.1 | Structure, Light Damage | 4 | 4 | 5 | 3 | 15 | 17 | 25 | 0 | |
| 2.2 | Structure, Moderate Damage | 0 | 2 | 0 | 2 | 9 | 3 | 1 | 2 | |
| 2.3 | Structure, Heavy Damage | 0 | 8 | 0 | 2 | 1 | 0 | 0 | 0 | |
| 3.1 | Fire, Any situation | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| 3.2 4.1 | Gas Leaks | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 0 | |
| 3.3 4.2 | Sewer Leaks | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| 3.4 4.3 | Water Main Breaks | 1 | 2 | 1 | 0 | 1 | 1 | 0 | 1 | |
| 3.5 4.4 | Electrical Power, | 2 | NO | 1 | 0 | 1 | 2 | 1 | NO | |
| 4.1 5.1 | Roads blocked | 0 | 0 | 0 | 1 | 1 | 0 | 0 | NO | |

PSA Recording – Spreadsheet by packet

CUP-13-06T-PSA-1301130945.c

File Home Insert Page Layout Formulas Data Review View

Calibri 11

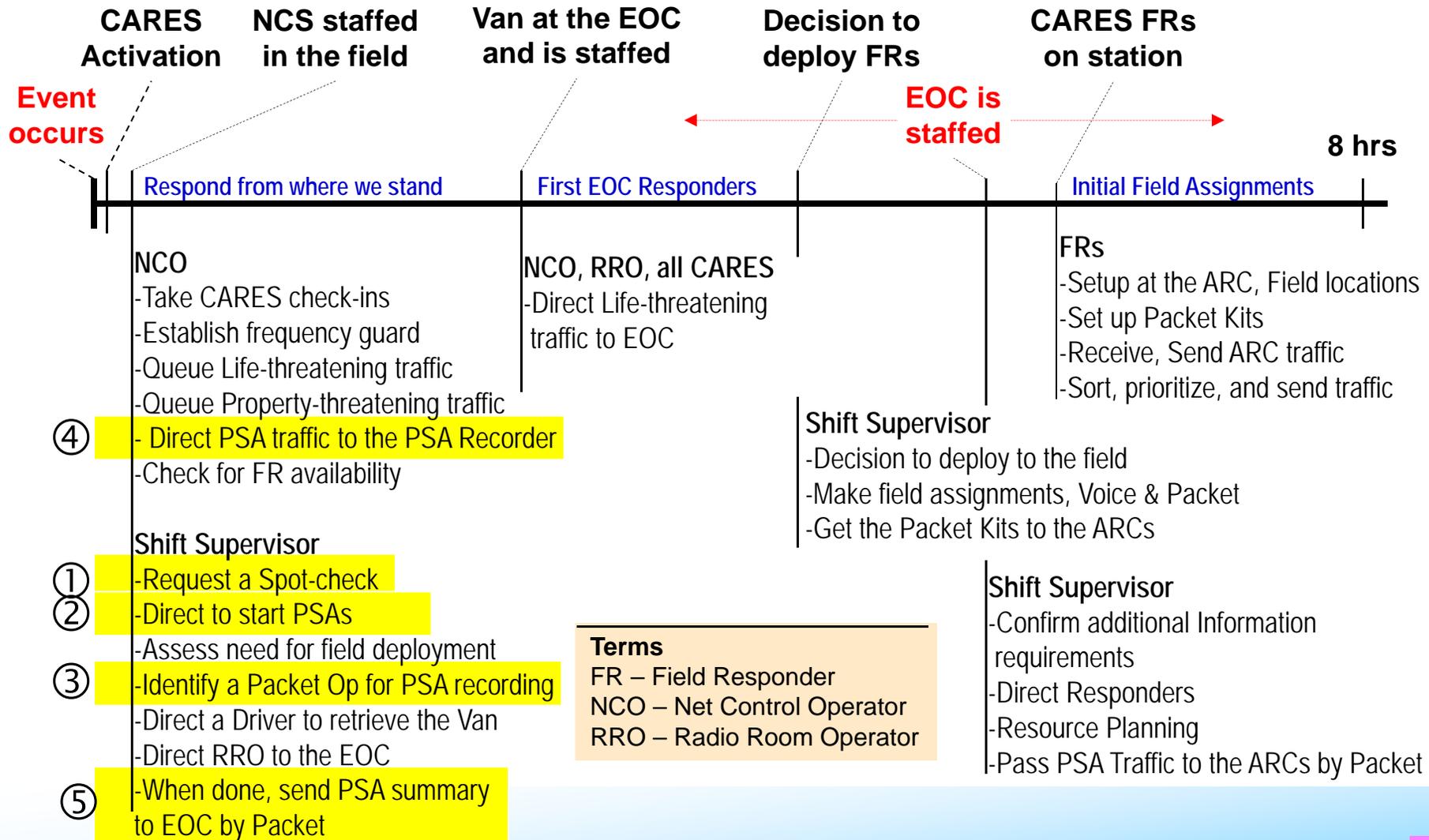
V23 fx

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S |
|----|----|--------|---------|------|------|--------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | | | | | | | | | | | | | | | | | | | |
| 2 | | Call | Msg ID | Time | Grid | Survey | 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 |
| 3 | 1 | KN6PE | PKT OPS | 845 | P20 | 32 | 2 | 0 | 0 | 0 | 4 | 16 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| 4 | 2 | KI6LDM | P001 | 900 | O21 | 34 | 5 | 2 | 0 | 0 | 15 | 3 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| 5 | 3 | KD6TQJ | P002 | 903 | C3 | 8 | 4 | 1 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 0 |
| 6 | 4 | KE6WEJ | P003 | 905 | N19 | 20 | 3 | 1 | 0 | 0 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 |
| 7 | 5 | KJ6OHF | P004 | 907 | O22 | 22 | 5 | 1 | 1 | 0 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 1 | 1 |
| 8 | 6 | AG6CL | P005 | 908 | C4 | 17 | 8 | 0 | 1 | 2 | 6 | 1 | 2 | 0 | 1 | 1 | 2 | 1 | 1 |
| 9 | 7 | N6IK | P006 | 909 | K5 | 28 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 10 | 8 | KI6FGR | P007 | 912 | N18 | 21 | 4 | 1 | 1 | 0 | 13 | 3 | 2 | 0 | 1 | 0 | 0 | 1 | 0 |
| 11 | 9 | KJ6WBF | P008 | 913 | L22 | 28 | 14 | 0 | 0 | 0 | 15 | 13 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| 12 | 10 | AI6CC | P009 | 917 | M19 | 66 | 3 | 0 | 0 | 0 | 13 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 |
| 13 | 11 | KI6SYY | P011 | 920 | | | | | | | | | | | | | | | 6 |
| 14 | 12 | KJ6ZKU | P019 | 924 | N20 | 21 | 10 | 2 | 3 | 0 | 4 | 2 | 1 | 2 | 1 | 2 | 3 | 2 | 0 |
| 15 | 13 | AG6GR | P013 | 926 | M22 | 12 | 15 | 5 | 1 | 0 | 9 | 3 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| 16 | 14 | WA2KDX | P014 | 928 | N22 | 9 | 5 | 0 | 1 | 0 | 7 | 7 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | 15 | KJ6ZKT | P015 | 930 | N20 | 18 | 10 | 2 | 1 | 0 | 15 | 9 | 1 | 0 | 3 | 0 | 1 | 1 | 0 |
| 18 | 16 | K6TEN | P016 | 933 | N22 | 14 | 1 | 3 | 0 | 0 | 3 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 19 | 17 | KF6UVS | P017 | 935 | M23 | 70 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 20 | | | | | | | | | | | | | | | | | | | |



Initial Response Ops

PSA activities



Preliminary Safety Assessment

PSA Drill

- When: Saturday, 18-Jan, 8:00am to 9:30am
- Where: Operate from your home location
- Who: All CARES members, a SS, NCO, RRO, & PSA Recorder
- 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 8:00a, 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



Thank you

Any Questions?



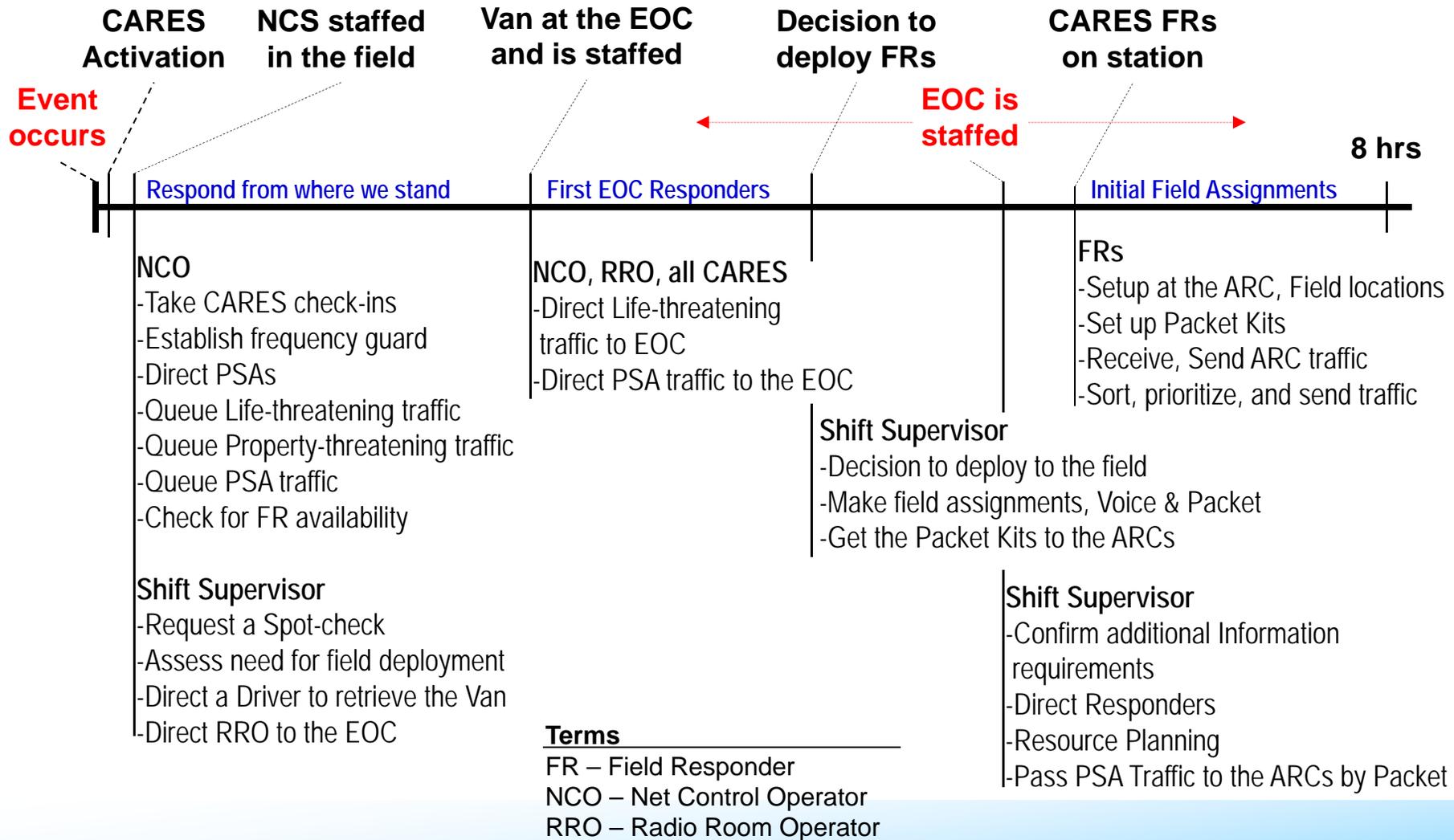
Cupertino ARES/RACES



CARES Event Timeline

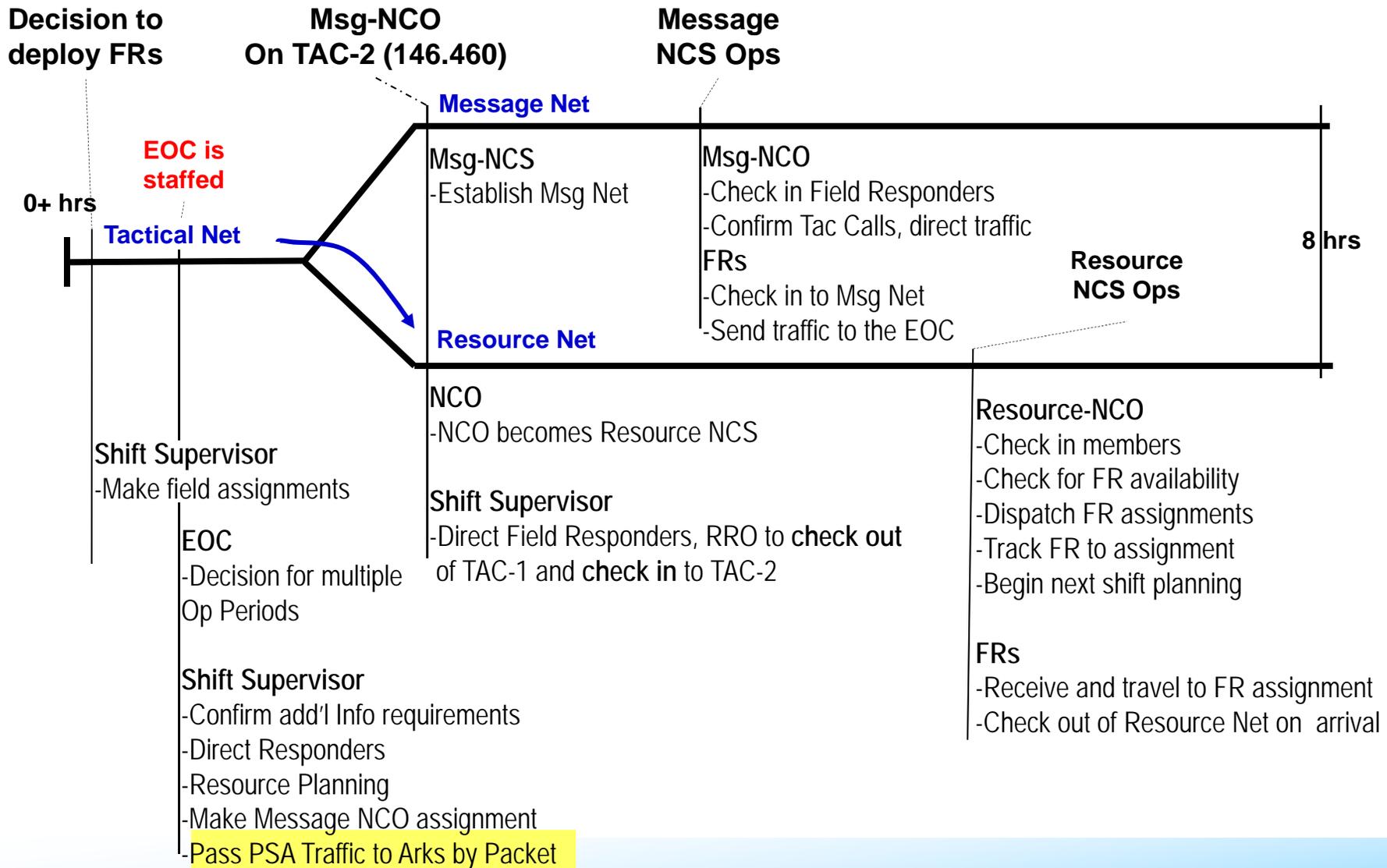
Initial Response Ops

Current Model



Extended Response Ops

Tactical, Message & Resource Net



SAT. 9-11am

Mail to
Jim

Cupertino Amateur Radio Emergency Service
PART 6 Forms

1st round Summary
2nd round if asked give particulars
have addresses
ready if asked
Standard Operating Procedures

Pass Counts

SAT. Drill

1.1 \emptyset
1.2 \emptyset
1.3 2

∴ Go thru whole list

Preliminary Safety Assessment Form – Field

| Assessment Date/time: Feb 5, 2005 9am | | Neighborhood/Street: Rose Garden Ln | | |
|---------------------------------------|----------------------------|---|-------------|--|
| Performed by: Nancy Gabriel K66TEU | | Map Coordinates: MAP GRID GG | | |
| | | Number of Units Surveyed: 25 | | |
| Ref | Category | Subcategory | Count | Notes |
| 1.1 | Injuries, Minor | Able to walk away from the incident | 10 | Say all 1. - |
| 1.2 | Injuries, Delayed | Regular breathing, and Capillary refill <2 sec, and Answers questions, responds to commands | 2 | |
| 1.3 | Injuries, Immediate | Rapid Breathing >30/min, or capillary refill >2 sec, or Confused, disoriented | 1 | MSC (2) Leg gash heavy bleeding CERT helps Simulated 545 Rose Garden Ln Neighbor |
| 1.4 | Injuries, Presumed Dead | Unconscious, no respiration | \emptyset | PAUSE = Break = |
| 2.1 | Structure, Light Damage | • Superficial Damage • Broken Windows • Cracked or fallen plaster • Main damage is to contents | 15 | Say all 2. - |
| 2.2 | Structure, Moderate Damage | • Large amount of cracking on exterior • Small cracks around doors and foundations • No outward sign of structural damage | 9 | |
| 2.3 | Structure, Heavy Damage | • Partial or full collapse • Building is off foundation • Structural damage to the building | 1 | Two story (simulated) 3535 Rose Garden Ln = Break = |
| 3.1 | Hazards | Fire, Any situation | \emptyset | Say all 3. - |
| 4.2 4.1 | Hazards | Gas Leaks | 3 | |
| 4.3 4.0 | Hazards | Sewer Leaks | \emptyset | |
| 4.4 4.3 | Hazards | Water Main Breaks | 1 | Corner / Intersection Stelling + Waterford |
| 4.5 4.4 | Hazards | Electrical Power, Lines Down. Power in the neighborhood? | 1 | = Break = |
| 5.1 | Access | Roads blocked Other Obstructions | 1 | Say 5. - Power Pole Rose Garden Ln + Waterford |