

**Seacliff CERT July 2016**

**ICS and Commo Exercise**

**With Squad Mobilization**

(GR Final 14 July)

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## Exercise Objectives:

1. Evaluate members for mobilization **sign-in** and use of initial area survey.
2. Test procedures for **communication** among CP staff sections and with squads at incident scenes. Conduct radio test over entire Seacliff area.
3. Practice procedures for the CERT Incident Command Group to **assign** tasks to a squad, document, and follow through to conclusion.
4. Practice procedures for a squad to **document** needs and actions before, during, and after an assigned task.
5. Practice Command Post procedures to delegate and perform the **functions** of each staff position, including documentation.
6. Review a squad's capability to perform **sizeup** procedures in different tasks, including utility shutoff and request for additional equipment.
7. Maintain **safe** conditions, especially during squad travel to incident sites. CERT teams will not enter private property at any time for this exercise.

## Scenario:

A major (7.4 on the Richter Scale) earthquake on the San Andreas Fault strikes Northern California at 8:40 AM on Saturday July 17, 2016. The shaking affects the entire San Francisco Bay and Monterey Bay Areas, including our own Seacliff area. The weather is mild and overcast, with little wind.

Several stores at Rancho Del Mar Shopping Center are currently engulfed in flames and fire trucks from all Aptos-La Selva Fire Stations are fully engaged with that operation. Both mobile and land phone lines are disabled, although there is some success with sending text messages. A volunteer HAM radio operator has arrived at the Aptos Fire Station and is ready to make contact with CERT teams.

There is no electrical power in the Seacliff area. Water pressure still exists in some neighborhoods. Many homes have sustained various degrees of damage and some fires have started. There have been reports of utility damage.

### **Sequence of events:**

0845 radio call to “activate” squads

0900 squads radio or on-scene sign in

0915 CP organized; tasks given to squads; additional messages begin

Squads go out to specified neighborhood locations and report

**1025** squads and command post people switch

1035 CP reorganized; tasks given to squads; additional messages begin

New squads go out to similar neighborhood locations and report

1145 gather for After Action review (and sign-out)

1200 exercise complete; BBQ at Mary’s

### **Duties of Observers:**

Your role will be to facilitate and coach, as well as acting as site Safety Officer.

- Facilitate by providing preplanned messages that require action.
- Observe to ensure appropriate actions, especially continuing size-up.
- Coach squad sizeup and actions when necessary to reinforce correct procedures.
- Take notes on decisions and actions so you can use them in the After Action Review.
- Insure that everyone maintains a watchful safety, especially when crossing streets.

### **After Action Review may include:**

- Summary of Objectives (from Exercise Plan)
- Number of Participants (from Sign-In Sheets)
- Exercise Events Synopsis
- Analysis of Critical Task Performance
- Discussion of Lessons Learned
- Distribution of Participation Certificates

### **Materials needed from Aptos Fire:**

- None



## **Information on damage assessment forms:**

*(squad leader submits to OPS on arrival/sign-in)*

### **House 1: (508 Harriet St)**

[electric hazard; structure damaged; road access]

*One car in the driveway.*

*Several windows are broken and there is glass on the ground around the house.*

*A detached power line is hanging down the side of the house.*

*Books have fallen off of the book shelves, pictures off walls, and there is broken glass on floor.*

### **House 2: (517 Harriet St)**

[structure damaged; people injured; road access]

*Two cars in driveway and toys in front yard.*

*Chimney has collapsed and bricks on roof and ground.*

*There are fallen shelves inside, and suspended ceiling has collapsed.*

*Yelling from someone inside the house.*

### **House 3: (510 Spruce St)**

[structure damaged; people injured & trapped; road access]

*Window shutters knocked off; visible cracks in outer wall surface*

*Woman outside house is screaming that her son is trapped under debris in house and she can't find her 3-year-old daughter.*

### **House 4: (515 Spruce St)**

[burning; chemical; injured; trapped; access]

*building has only minor damage but smoke coming from the rear*

*NFPA diamond on garage: Red - 3, Yellow - 1, Blue - 1*

*People wandering around outside the house with a variety of injuries, shouting for help and saying that there are people trapped inside.*

*Some casualties have already been removed from building or assisted in evacuation.*

## Events and Evaluation Form for Observers

Info from Form 1	Expected Action	Actual Observed <b>(To be filled in by Evaluators during the exercise)</b>
House 1 (508 Harriet St): Building damaged, may be people inside, detached power line hanging down outside house.	Not safe environment. Squad should not enter building.  Low priority	Staff coordination:  Time action completed:  Sizeup Completed: No ____ Yes ____ Notes:
House 2 (517 Harriet St): Building only moderately damaged; clearly people inside.	Search and rescue.  High priority	Staff coordination:  Time action completed:  Sizeup Completed: No ____ Yes ____ Notes:
House 3 (510 Spruce St): Moderate damage to building; screaming mother; injured/missing children.	Safe for squad to enter & search but not remain  High priority	Staff coordination:  Time action completed:  Sizeup Completed: No ____ Yes ____ Notes:
House 4 (515 Spruce St): Only moderate damage; people inside injured and trapped; NFPA sign on garage	Not safe for squad to enter.  Move people outside further away  Moderate priority	Staff coordination:  Time action completed:  Sizeup Completed: No ____ Yes ____ Notes:

**Message sequence during exercise: (fill in actual times as they happen)**

<b>First Cycle</b>		<b>Second Cycle</b>		<b><u>MESSAGE SOURCE / TOPIC</u></b>
<b><u>PLAN</u></b>	<b><u>ACTUAL</u></b>	<b><u>PLAN</u></b>	<b><u>ACTUAL</u></b>	
0925		1045		Squad 1 #1 / citizen danger at unsafe house
0928		1048		Squad 2 #1 / need cribbing
0932		1052		“Squad 3” #1 / smell of gas
0934		1054		CP #1 / many SUV at CP
0936		1056		Squad 1 #2 / need cribbing
0938		1058		Squad 2 #2 / house fire spreading
0942		1102		CP #2 / many people around IC
0947		1107		“Squad 3” #2 / where establish treatment area
0952		1112		CP #3 / area fire spreading toward Seacliff
0956		1116		Squad 1 #3 / when power safe at 508 Harriet
0959		1119		Squad 2 #3 / need radio batteries
1003		1123		“Squad 3” #3 / many cars moving through area
1008		1128		Squad 1 #4 / injured CERT
1012		1132		“Squad 3” #4 / dogs near treatment area
1016		1136		Squad 2 #4 / kids found; mission complete
1020		1140		CP #4 / Chief Conrad needs briefing

## Messages and Evaluation Forms for Observers

<p align="center"><b>Message</b></p>	<p align="center"><b>Expected Action</b></p>	<p align="center"><b>Actual Observed</b> <b>(To be filled in during the exercise)</b></p>
<p>Owner at 508 Harriet is attempting to enter home to retrieve valued items</p> <p><b>Squad 1 Input #1</b></p> <p>Times given: 0925 1045 <b>(real times):</b></p>	<p>Squad leader advises (or radios CP to advise) that owner is not safe to enter but do not interfere physically</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Rescue at 517 Harriet requires cribbing</p> <p><b>Squad 1 Input #2</b></p> <p>Times given: 0936 1056 <b>(real times):</b></p>	<p>Squad leader radios CP; LOG either sends or calls FD for materials</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Owner of 508 Harriet is requesting when PGE will assure power shut off</p> <p><b>Squad 1 Input #3</b></p> <p>Times given: 0956 1116 <b>(real times):</b></p>	<p>Squad leader radios CP which advises wait while they contact agency</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Squad member is seriously injured in action while not wearing PPE.</p> <p><b>Squad 1 Input #4</b></p> <p>Times given: 1008 1128 <b>(real times):</b></p>	<p>Squad leader notifies CERT IC. OPS assigns SAR group to rescue injured member.</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>



<p align="center"><b>Message</b></p>	<p align="center"><b>Expected Action</b></p>	<p align="center"><b>Actual Observed</b> <b>(To be filled in during the exercise)</b></p>
<p>Rescue at 510 Spruce requires cribbing</p> <p><b>Squad 2 Input #1</b></p> <p>Times given: 0925 1048</p> <p><b>(real times):</b></p>	<p>Squad leader radios CP; LOG either sends or calls FD for materials</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Observer gives message stating that fire at 515 Spruce has spread to adjacent home</p> <p><b>Squad 2 Input #2</b></p> <p>Times given: 0938 1058</p> <p><b>(real times):</b></p>	<p>Enlarge safety boundary, using squad members or bystanders to advise others of danger</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Need batteries for radio</p> <p><b>Squad 2 Input #3</b></p> <p>Times given: 0959 1119</p> <p><b>(real times):</b></p>	<p>Radio CP; LOG locates</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Children at 510 Spruce found; no further action needed</p> <p><b>Squad 2 Input #4</b></p> <p>Times given: 1016 1136</p> <p><b>(real times):</b></p>	<p>Radio CP which either gives new task or brings squad in</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>

<p align="center"><b>Message</b></p>	<p align="center"><b>Expected Action</b></p>	<p align="center"><b>Actual Observed</b> <b>(To be filled in during the exercise)</b></p>
<p>Neighbor reports smell of gas but cannot shut off gas at meter</p> <p><b>“Squad 3” Input #1</b></p> <p>Times given: 0932 1052</p> <p><b>(real times):</b></p>	<p>Evacuate area; notify Fire Dept.</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Where should multiple casualties in neighborhood be evacuated?</p> <p><b>“Squad 3” Item #2</b></p> <p>Times given: 0947 1107</p> <p><b>(real times):</b></p>	<p>IC has staff establish medical treatment site</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Too many cars and people walking through area because other roadways blocked</p> <p><b>“Squad 3” Item #3</b></p> <p>Times given: 1003 1123</p> <p><b>(real times):</b></p>	<p>OPS use squad for traffic management (if available); advise Sheriff</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>There are several dogs roaming near the treatment area</p> <p><b>“Squad 3” Item #4</b></p> <p>Times given: 1012 1132</p> <p><b>(real times):</b></p>	<p>OPS directs squad to locate owners; move/secure dogs only if safe for CERT and bystanders</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>

<p align="center"><b>Message</b></p>	<p align="center"><b>Expected Action</b></p>	<p align="center"><b>Actual Observed</b> <b>(To be filled in during the exercise)</b></p>
<p>Many neighborhood people are coming to volunteer help</p> <p><b>CP direct Input #1</b></p> <p>Times given: 0934 1054</p> <p><b>(real times):</b></p>	<p>PLAN document each one, with ident info; advise OPS</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Too many people trying to talk with IC</p> <p><b>CP direct Input #2</b></p> <p>Times given: 0942 1102</p> <p><b>(real times):</b></p>	<p>PLAN act as gatekeeper</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Reports that fire has jumped freeway &amp; is heading toward Seacliff</p> <p><b>CP direct Input #3</b></p> <p>Times given: 0952 1112</p> <p><b>(real times):</b></p>	<p>Evaluate current priorities; PLAN prepare reaction</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Chief Conrad advises he will be at CP in 15 min.</p> <p><b>CP direct Input #4</b></p> <p>Times given:</p> <p><b>(real times):</b></p>	<p>PLAN &amp; OPS prepare info for IC to brief</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>

**PARTICIPANT FEEDBACK FORM**

Exercise Name: **Seacliff ICS/Commo**

Exercise Date: **17 July 2016**

Name (Optional):

1. Please rate, on a scale of 1 to 5, your overall assessment of the exercise, with 1 indicating strong disagreement with the statement and 5 indicating strong agreement.

Assessment Factor	Strongly Disagree			Strongly Agree	
The exercise was well structured and organized.	1	2	3	4	5
The exercise scenario was plausible and realistic.	1	2	3	4	5
Exercise documentation provided ahead of time to help prepare for it was useful.	1	2	3	4	5
This exercise allowed me to improve my capabilities.	1	2	3	4	5
This exercise helped our team identify strengths and weaknesses in the execution of plans and procedures.	1	2	3	4	5
After this exercise, I believe my CERT is better prepared to deal successfully with the scenario(s) that was exercised.	1	2	3	4	5

2. Based on today's exercise, list observed key strengths and/or areas that need improvement.

Strengths: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Areas for improvement: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. Please provide recommendations on how this exercise or future exercises could be improved.