

Seacliff CERT July 2017

Incident Command Exercise With Squad Mobilization

(GR 5 June)

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Exercise Objectives:

1. Evaluate procedures for mobilization **sign-in** and use of **initial area survey** form.
2. Practice procedures for the CERT Incident Command Group to **assign** tasks to a squad and then **document**, following through to conclusion.
3. Test procedures for **communication** among CP staff sections and with squads at incident scenes (by radio or messenger), using two actual squads and one simulated squad ("Squad #3").
4. Practice procedures for setup of a **medical treatment area**.
5. Practice Command Post procedures to develop an **Incident Action Plan** and carry out **briefing** between old and new IC or Fire Chief Officer.
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 15, 2017. 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. Rain showers are forecast.

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 and numerous injuries to people in the Seacliff area.

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, sizeup and report

1015 squads and command post people switch (old IC briefs incoming IC with IAP)

1030 CP reorganized; tasks given to squads; second cycle messages begin

New squads go out to specified neighborhood locations, sizeup and report

1130 gather for After Action review (and sign-out)

1200 exercise complete; BBQ at Mary’s

Duties of Observers (with CP staff and active squads)

Your role will be to facilitate and coach, as well as acting as on-scene 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
- Securing information for Participation Certificates

Materials needed from Aptos Fire:

- None

Incident Command: Choose an incident, put a slash in the Assignment Completed column, copy the address/location to Post-Incident Status, and enter start time. When incident is complete, put a backslash in the Assignment Completed column and the incident end time on the Post Incident Status form.

Information on damage assessment forms:

(simulate individual CERT submission to IC/TL 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.

Initial Survey and Expected Actions for Observers

Info from Form 1	Expected Action	Actual Observed (To be filled in by Evaluators during the exercise)
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. After simulated search: Observer advise found 3 injured victims (delayed)	Search and rescue. High priority Squad requests help from OPS for transport	Staff coordination: Time action completed: Sizeup Completed: No ____ Yes ____ Notes:
House 3 (510 Spruce St): Moderate damage to building; screaming mother; injured/missing children. After simulated search: Observer advise found 2 injured children (minor)	Safe for squad to enter & search but not remain High priority Squad requests help from OPS for transport	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 After simulated search: Observer advise found 4 injured victims (delayed & minor)	Not safe for squad to enter. Move people outside further away; request help from OPS for transport Moderate priority	Staff coordination: Time action completed: Sizeup Completed: No ____ Yes ____ Notes:

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

First Cycle		Second Cycle		<u>MESSAGE SOURCE / TOPIC</u>
<u>PLAN</u>	<u>ACTUAL</u>	<u>PLAN</u>	<u>ACTUAL</u>	
0915		1030		Squad 1 #1 / citizen danger at unsafe house
0918		1033		Squad 2 #1 / need cribbing
0922		1037		"Squad 3" #1 / smell of gas
0924		1039		CP #1 / many SUV at CP
0926		1041		Squad 1 #2 / need cribbing
0928		1043		Squad 2 #2 / house fire spreading
0931		1046		CP #2 / many people around IC
0934		1049		"Squad 3" #2 / where establish treatment area
0938		1053		CP #3 / area fire spreading toward Seacliff
0942		1057		Squad 1 #3 / when power safe at 508 Harriet
0945		1100		Squad 2 #3 / need radio batteries
0949		1104		"Squad 3" #3 / many cars moving through area
0953		1108		Squad 1 #4 / fire spreads to nearby houses
0957		1112		Squad 2 #4 / cries for help from across street
1001		1116		"Squad 3" #4 / car accident on street/casualties
1005		1115		CP #4 / IAP needed
1007		1122		Squad 1 #5 / injured CERT
1010		1125		"Squad 3" #5 / dogs near treatment area
1013		1128		Squad 2 #5 / kids found; mission complete
1015		1130		CP #5 / new IC or ALSFD Chief needs briefing
1025		1140		old IC briefs new IC or ALSFD Chief Officer

Messages for Observers to give to Squads and Evaluation Information:

Message	Expected Action	Actual Observed (Filled in during exercise)
<p>Owner at 508 Harriet is attempting to enter home to retrieve valued items</p> <p>Squad 1 Input #1</p> <p>Times given: 0915 1030</p>	<p>Squad leader advises (or radios CP to advise) that owner is not safe to enter but do not interfere physically</p>	<p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Rescue at 517 Harriet requires cribbing</p> <p>Squad 1 Input #2</p> <p>Times given: 0926 1041</p>	<p>Squad leader radios CP; LOG either sends or calls FD for materials</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>Squad 1 Input #3</p> <p>Times given: 0942 1057</p>	<p>Squad leader radios CP which advises wait while they contact agency</p>	<p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Neighbor says fire is spreading to 3 nearby houses</p> <p>Squad 1 Input #4</p> <p>Times given: 0953 1108</p>	<p>Squad leader notifies CERT IC. Msg sent to ALSFD</p>	<p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>
<p>Squad member is seriously injured inside house while not wearing PPE.</p> <p>Squad 1 Input #5</p> <p>Times given: 1007 1122</p>	<p>Squad leader notifies CERT IC. OPS assigns S&R squad to rescue injured member.</p>	<p>Time action completed:</p> <p>Sizeup Completed: No ____ Yes ____</p> <p>Notes:</p>

Message	Expected Action	Actual Observed (Filled in during exercise)
Rescue at 510 Spruce requires cribbing Squad 2 Input #1 Times given: 0918 1033	Squad leader radios CP; LOG either sends or calls FD for materials	Time action completed: Sizeup Completed: No ____ Yes ____ Notes:
Observer gives message stating that fire at 515 Spruce has spread to adjacent home Squad 2 Input #2 Times given: 0928 1043	Enlarge safety boundary, using squad members or bystanders to advise others of danger	Time action completed: Sizeup Completed: No ____ Yes ____ Notes:
Radio not working (need batteries or replacement) Squad 2 Input #3 Times given: 0945 1100	Radio CP; LOG locates	Time action completed: Sizeup Completed: No ____ Yes ____ Notes:
Cries for help coming from home across street Squad 2 Input #4 Times given: 0957 1112	Sizeup. Radio CP which either gives new task or will send another squad	Time action completed: Sizeup Completed: No ____ Yes ____ Notes:
Mission at 510 Spruce completed; Squad 2 Input #5 Times given: 1013 1128	Radio CP which either gives new task or brings squad in	Time action completed: Sizeup Completed: No ____ Yes ____ Notes:

Message	Expected Action	Actual Observed (Filled in during exercise)
<p>Neighbor reports smell of gas but cannot shut off gas at meter</p> <p>“Squad 3” Input #1</p> <p>Times given: 0922 1037</p>	<p>Evacuate area; notify Fire Dept.</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>Where should multiple casualties in neighborhood be evacuated?</p> <p>“Squad 3” Item #2</p> <p>Times given: 0934 1049</p>	<p>IC has staff establish medical treatment site</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>Too many cars and people walking through area because other roadways blocked</p> <p>“Squad 3” Item #3</p> <p>Times given: 0949 1104</p>	<p>OPS use squad for traffic management (if available); advise Sheriff</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>Car accident on street has caused several injuries</p> <p>“Squad 3” Item #4</p> <p>Times given: 1001 1116</p>	<p>OPS assigns medic sqd to respond or calls ALSFD</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>There are several dogs roaming near the treatment area</p> <p>“Squad 3” Item #5</p> <p>Times given: 1010 1125</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>Notes:</p>

Message	Expected Action	Actual Observed (Filled in during exercise)
<p>Many neighborhood people are coming to volunteer help</p> <p>CP direct Input #1</p> <p>Times given: 0924 1039</p>	<p>PLANS document each one, with ident info; advise OPS</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>Too many people trying to talk with IC</p> <p>CP direct Input #2</p> <p>Times given: 0931 1046</p>	<p>PLAN act as gatekeeper</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>Reports that fire has jumped freeway & is heading toward Seacliff</p> <p>CP direct Input #3</p> <p>Times given: 0938 1053</p>	<p>Evaluate current priorities; PLAN prepare reaction</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>Shift change will occur in 6 hours; need IAP</p> <p>CP direct Input #4</p> <p>Times given: 1005 1115</p>	<p>IC/TL assigns to PLANS</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>
<p>New IC or ALSFD Chief advises he will be at CP in 15 min.</p> <p>CP direct Input #5</p> <p>Times given: 1015 1130</p>	<p>PLAN & OPS prepare info for IC to brief</p>	<p>Staff coordination:</p> <p>Time action completed:</p> <p>Notes:</p>

PARTICIPANT FEEDBACK FORM

Exercise Name: **Seacliff ICS/Commo**

Exercise Date: **15 July 2017**

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.

NOTICE FOR HOMEOWNERS:

**COMMUNITY EMERGENCY RESPONSE TEAM
TRAINING EXERCISE FROM 9 a.m. – noon
ON SATURDAY, July 15.**

**We will stay only on public streets, while
simulating actions at homes on this street.
We are practicing response to earthquake.
IF YOU WOULD LIKE MORE INFORMATION,
PLEASE CALL Mary Edmund 831-475-2633.**

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