

After an Earthquake the City of Los Altos needs to:

- Address immediate Life Safety problems
- Search and Rescue
- Assess integrity and stabilize critical infrastructure
- Establish shelters
- Recovery operations

LAARES's mission is to:

Maintain and train Amateur Radio volunteers capable of providing professional emergency communications, increasing the cities emergency response effectiveness and speeding the recovery effort

When the shaking stops

Take care of yourself.....

Determine condition of yourself and family

apply first aid if necessary

Determine structural soundness of your home

evacuate if necessary

Review check list in handouts

What to do Immediately After a Major Earthquake

- 1. Exit the dwelling AFTER shaking stops and go to family Assembly Point.**
- 2. Check all occupants of dwelling for injuries**
- 3. Assign someone to monitor broadcast radio for disaster information.**
- 4. Do a quick check for structural damage to dwelling.**
- 5. Check for natural gas leaks. Turn off main gas supply at gas meter ONLY if needed.**
- 6. Secure Water Resources**
- 7. Secure Food Resources**
- 8. Secure Living Accommodations**
- 9. Check on Neighbors.**
- 10. Check in on Ham Radio Nets.**

AA6BT (146.115 MHz (+) 100.0 Hz) SCC Resource Net

K6LOS (145.595 MHz simplex) Los Altos Resource/Message Net

tell Net Control when you are ready for an assignment

Report Damage Where You Are

check into the County Resource Net

- Turn on your radio and monitor AA6BT (146.115 MHz (+) 100.0 Hz)
- This is what hams did 10 days ago when South County phone service went out
- When damage reports are requested, give a 2 or 3 word report of what you have observed where you are.
- Use the Modified Mercalli Intensity Scale if possible
- This is not a survey – you are not activated for a survey
- The value of this report is timeliness.

ADAPTATION OF MODIFIED MERCALLI SCALE FOR ARES/RACES EARTHQUAKE REPORTING

Mike-Mike 1 – Not felt at all

Mike-Mike 2 – Barely noticed

Mike-Mike 3 – Know it was an earthquake somewhere

Mike-Mike 4 – Windows, dishes rattle

Mike-Mike 5 – Pictures move, doors swing, small items on floor

Mike-Mike 6 – Glassware broken, books off shelf, floor lamps topple

Mike-Mike 7 – Furniture broken, cannot stand, chimneys fall

Mike-Mike 8 – Buildings collapsed

The proper response is

“This is <your_call>, Mike-Mike 4, Los Altos”

Check into the Los Altos Net

146.595 MHz simplex

- This is not a commitment to accept an assignment
– just a check in
- Continue to monitor 146.595 MHz
- Get your stuff together
- Notify Net Control when you are available for an assignment
- DO NOT COME TO THE EOC or go anywhere else unless you are requested to do so

Disaster Service Worker

This classification provides Workman's Compensation Protection

ONLY IF

1. An activation has been authorized
2. You have been given an assignment
3. You are doing something associated with communications
4. You are following the procedures
 - sign in and out when asked
 - keeping net control informed of your location at all times
 - Travelling
 - Waiting for an assignment
 - On assignment

When you are given an assignment

- Insure you :
 - Write down Activation number and any instructions given
 - Understand the assignment and your responsibility
 - Believe it is safe
 - You always have the option of refusing an assignment
 - Know the when, where, how long, frequencies
 - This determines what you take
 - Are prepared – water, food, clothing, equipment, map

REMEMBER

When you are activated

Net Control must know your
location at all times

Two Types of Activations

Training Activation

DSW coverage is in effect while you are at the training site

The Real Thing

DSW coverage starts at the time you leave home until you return home (by the most direct route)

This is one reason why we want to track you while traveling

Message 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 –Reports:*** correspondence between agency representatives, material and logistics messages, routine resource requests, shift planning, relief requests, etc.

- ***Health & Welfare -- Includes welfare inquiries***

Los Altos Windshield Survey (LAWS) Form (For Field Use)

Assessment Date / Time:				Street: _____	Between _____	and _____
Performed by:				Map Coordinates (Thomas page/grid)		
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 seconds, and Answers questions, responds to commands		Address		
1.3	Injuries, Immediate	Rapid Breathing > 30/minute, or capillary refill > 2 seconds, or Confused, disoriented		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 		Address		
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 structure 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	Hazards	Fire, any situation, not if extinguished		Address		
3.2	Hazards	Gas Leaks		Address		
3.3	Hazards	Sewer Leaks		Address		
3.4	Hazards	Water main Breaks		Address		
3.5	Hazards	Electrical power, lines down Power out in neighborhood		Address		
4.1	Access	Roads blocked Other obstructions		Address		

Message Handling

What it sounds like - Sending a LAWS Report

KN6PE: "Net Control, this is KN6PE with LAWS Traffic for the EOC"

NCS: KN6PE acknowledged. EOC, are you ready to copy LAWS traffic?

EOC: "EOC is ready"

NCS: KN6PE, your message number is 30. Send your traffic to the EOC.

KN6PE: "EOC, This is KN6PE with LAWS Traffic, message #30. Break"

EOC: "OK, Continue"

KN6PE: "LAWS Message is: Section one: 8, 0, 3, 0. Break"

EOC: "OK, Continue"

KN6PE: "Section two: 11, 5, 1. Break"

EOC: "OK, Continue"

KN6PE: "Section three: 1, 0, 3, 1, 0. Break"

EOC: "OK, Continue"

KN6PE: "Section four: 0. Houses surveyed is 24. End of Message. This is KN6PE"

EOC: "Acknowledged. This is EOC, KE6QPT back to net."

NCS: This is N6JRC, Net Control for the Los Altos Net.

Other stations with any traffic, please identify now.

Message

Los Altos Windshield Survey (LAWS) (For EOC Use)

	Call Sign:									
	Time:									
	Message In:									
	Msg Type:									
	Map Coord:									
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									
3.2	Gas Leaks									
3.3	Sewer Leaks									
3.4	Water Main Breaks									
3.5	Electrical Power									
4.1	Roads Blocked									

Many Activations will cover more than one shift

Long shifts can be very counter productive

You can't run on adrenaline forever

Planning for additional shifts

Anticipated needs – staff and material, activity, problems?

Turnover meetings require overlapping shifts

Net Control Logs

Who is where? Who do they report to?

What capability do they have?

Who depends on them?

Who do they depend on?

Who is being provided our service?

EOC

Field

DOCUMENT EVERYTHING

for turnover meetings and in case any situation has to be reconstructed at a later date

You are going to have to use your
best judgment in many situations

Think

SAFETY, Safety, safety