

WHAT IS THE SHINGLETOWN EMERGENCY RADIO PLAN?

Power outages, large storms, snow bound, roads blocked, no land line phones are working, no cell phones are working, you can't dial 911, you can't receive that reverse 911 call? What is your communication plan?

Forest fire: Where is it? Where is it going? What can I do about it? What is your communication plan?

Shingletown Emergency Radio - Shingletown's Emergency Communication Plan.

There is No Club to join. There are No Dues and No memberships are required. Shingletown Emergency Radio is the Emergency Communications Plan for All OF SHINGLETOWN residents and neighborhoods. Everyone is a volunteer. It is neighbor helping neighbor for emergency communications – and it follows a PLAN. It includes Licensed Ham radio operators and Non licensed neighbors.

Each participating neighborhood has been allocated a non ham EMERGENCY frequency for its own emergency communications. Thus, all neighborhoods can work their individual emergency situation(s) at the same time! Plus, each participating neighborhood is allocated a frequency for OPERATIONS (e.g., removing a fallen tree which is blocking egress from a neighborhood). With the SER communications plan, you can get your neighborhood organized for such things as: alerting for forest fires, welfare checks, evacuations of elderly and disabled, work crews to clear roads during emergency evacuations, and more. You can start getting your neighbors and your family organized today.

Plus, the SER Plan uses Licensed Hams to link / coordinate the individual neighborhoods into the SER Ham Net. The SER Ham nets take place on pre-designated Ham frequencies (760 repeater, and 505 simplex). Using the SER Plan and procedures, over 140+ square miles of situational awareness and detailed situation reports can be summarized in about 25 minutes, or less! All neighborhoods can know what is going on in real time. What neighborhoods have PG&E Power? Which neighborhoods can't dial 911? Which neighborhoods had severe earthquake damage (e.g., building collapse...) (using the *modified* Mercalli intensity *scale*)? What neighborhoods performed a Brevity Fire Watch and have determined that there is no suspect smoke, fire or embers in their area? The SER Plan uses a specially designed system of reporting that allows for rapid reporting and summarization all of these reports. Over 140+ square miles can be reported, summarized and mapped in about 25 minutes! Moreover, during this process, reporting of and relay of Emergency Traffic can concurrently be handled! There are also SER "lookout" locations (pre-mapped), which cover over 600 square miles of area.

The SER Plan has also activated Fire Nets for active forest fires. These Fire Nets pull together multiple Tactical Ham Stations who are each performing a specific SER Plan task (or tasks). Examples include: monitoring Cal Fire dispatch; monitoring Cal Fire frequencies for ground teams at the scene of a fire; monitoring Sheriff dispatch, monitoring internet resources (including: camera views of the fire; wind speed and direction at the fire location); and mapping of the location of a fire; calculating the distance of the fire from neighborhoods, receiving information from Ham Area Coordinators about individual neighborhood situations, and more. Ground observations by radio operators can also be used. Again, this is real time information when it matters – while the emergency is happening. And you can be part of this. It is all pulled together and coordinated on the FIRE NET (on a designated Ham frequency) which all persons can listen to (recommend outside antennas). To do this, we need Ham and Non Ham radio operators to help out.

What about severe winter storms, deep snow, no electricity, and a total communications blackout? During February 2019, Shingletown was hit with severe snow storms and a total communications black out. Imagine you have no ability to receive calls or even dial 911. What is your communications plan? The SER Plan allows neighbors and neighborhoods to communicate information and request help.

The SER Plan is the SHINGLETOWN COORDINATED EMERGENCY RADIO COMMUNICATIONS PLAN. This is Not a Social Club and is not for Chit Chat. The SER Plan is focused on Emergency Communications, and we need all neighbors to join in. Radio procedures are designed to be crisp, professional and organized. Under the SER Plan, Multiple Emergency Radio Nets may all be operating at the exact same time (e.g., 2 ham frequencies, or more, PLUS a separate Non Ham Net for each neighborhood). For example, iff 10 neighborhoods join in, that is 12 nets which are all operating and being coordinated at the same time. It is recognized that brevity is important when your radio is running on batteries (e.g., during a power outage). For the Non Ham checking in, you are just reporting into your neighborhood. But, behind the scene is an entire system of recording, summarizing, mapping, and triangulating (as appropriate) of all the reports. You are not even aware of this, but the SER system can provide you with a bullet point summary of what is going on while it is happening.

People who have participated say that there is nothing like the SER Plan in California (i.e., actually being done and operating), and that it is “very impressive”... “works great”, and that it is “invaluable”. An OES official has reviewed the SER plan and said it is “robust”.

So, Where is the Fire? Where is the fire going? and, What can you do about it? With neighbors knowing where the fire is, and where it is going, neighbors can communicate vital emergency information so residents have time to help the disabled, elderly and their own families evacuate. Early warning is critical, and

you can help your family and neighbors at the same time. Don't dither, be proactive.

The SER Plan is a PROACTIVE PLAN. It enables EACH PERSON (and Neighborhood) to participate in an actual emergency community coordinated communications resource PLAN. But, to work, people need to help out. Like any Plan, everyone needs to follow the SER plan, otherwise, it will not work. Moreover, weekly Practice Sessions are conducted and it is important that you participate. Such is common sense. You neighborhood reporting when following the SER Plan, can be done in 12 minutes! In one neighborhood, there was a fire. The local neighborhood net was activated and the net determined the location of the fire within about 7 minutes – before Cal Fire arrived in the neighborhood.

This Plan has worked very well for Shingletown forest fires, lost person searches, loss of all "normal" communication ability (e.g., no cell phone, no land line, no internet... and no ability to call 911, no ability to receive reverse 911, power blackouts (planned and non planned), auto accidents, severe snow storms, welfare checks, and other emergency radio communication related matters. This is not 911.

The SER plan is time tested and has been developed, used, and improved for over 5 years! Hundreds of Actual Practice Nets, Emergency Net Activations (e.g., forest fires, etc...) and Neighborhood Nets have taken place under the SER Plan.

Please join in . Thank you. Nathan Zeliff, Developer of the Shingletown Emergency Radio Plan.

Have a question? call Nathan (©K6PDS) at: 474-3267