

SER - MOBILE RADIO EVACUATION PROCEDURES - OVERVIEW

Version updated: 2026 05 13 K6PDS ©

[SEE MOBILE EVACUATION NET SCRIPT AND DRILLS.]

[ALL VOLUNTEER. THIS ONLY WORKS IF PEOPLE HELP OUT.]

Channel Use Priority FOR RADIO TEAM PARTICIPATING STATIONS.

ALWAYS STATE WHAT CHANNEL YOU ARE ON. EG., “F1 ON 55”...

In Your Area/Neighborhood	After leaving your Area Neighborhood **	Car to Car–Non Emergency.
Ch 1 – All Areas (other than Village)	CH 55 57 – 1st choice. Primary Repeaters.	(Select based on radio traffic). CH 79 (FRS) CH 80 (FRS) CH 81 (FRS)
Ch 9 - Village	CH 56 – 2 nd choice simplex (repeaters not working or bad comms into repeaters).	
	CH 58 – 3 rd choice simplex (repeaters not working or bad comms into repeaters).	

** Public may be able to listen on Ch 10 or 13 if they have had their radios programmed.

Mag Mount Antenna recommended for vehicle.

For Safety, Radio Operator should be someone other than the driver.

EVACUATION RADIO PROCEDURES – OVERVIEW.



1. During a large area evacuation no station will be able to be sitting at home (and acting as Net Control) directing the Mobile Net because people will be getting family into vehicles, packing, and evacuating. Expect and plan that no single person will be available to run a Net and direct radio traffic. Thus, we use “Temp Control” for radio traffic. Recent history shows how rapidly a fast moving wild fire can overtake homes and result in death. Knowing road conditions and available routes is critical. You are on the road, and know the conditions at that moment. Use your radio to communicate this information to each other.

2. For Drills only, we will have a designated station start off the Drill Mobile Evacuation net, and then we need Participating Stations to step up and participate in the Drill Exercises. Now is the time to practice. Radio Team Participating Stations need to actively participate. That is why their radios have the ability to transmit and receive. Without people helping, there will be nothing to listen to. On the other hand, SER has “listen only” programming for those who only want to listen.

In an actual evacuation, ANY RADIO TEAM PARTICIPATING STATION CAN ACTIVATE THE MOBLE NET!

3. We need to practice tight radio procedures (i.e., the same type of procedures we use in our regular weekly practices, tests, Sit Reps, QWA Procedure, etc...). Each radio transmission is a teaching lesson opportunity. Please follow the procedures so those recently joining can learn how to use their radios.
4. Please don't simply key the mike and start talking. Why? Because you don't know if anyone actually hears you. This could be due to your location, the location of other stations, doubling, etc... . Or, you may be blocking another communication in process. Communications need to be 2 way.
5. If you make a mistake, just say "correction" and then state the corrected facts. Please don't waste time giving explanations for an error,
6. Each neighborhood is to follow these same radio procedures for their Area/Neighborhood Channel communications while in their neighborhood.
7. Upon exiting your Area/Neighborhood (or if you are the only station in your Area/Neighborhood), go to Channel 55 or 57 for the mobile net (these are the repeater channels). If the repeaters are not working next use Channel 56 (simplex). And lastly if 56 has problems, go to Channel 58. Using your Area/Neighborhood Channel for areas outside your own Area/Neighborhood will not provide the "global" communications goal needed for evacuation during a wild fire.
8. RADIO TEAM PARTICIPATING STATIONS can TX on 55, 56, 57, 58, 59 (59 is equivalent to 57 for stations with certain types of radios). The public can listen on Ch 10 or 13 if they have had their radios programmed.
9. During an evacuation we may have stations reporting and listening from many different locations from both within Shingletown and other areas. For example information may be sourced from: Manton, Highway 44 heading East Towards Lassen National Park; or Highway 44 heading West towards Redding. Also stations heading north towards Whitmore; and stations on Highway 5 north or south bound etc... . If Radio Team Participating Stations have vital information or can help then please communicate it whatever your location may be.
10. Radio Team Participating Stations may be communicating the following categories of information:
 - a. giving a "**REPORT**" (E.G., reporting on road conditions and traffic flow. Reporting on traffic accidents, reporting on roads blocked due to fires or other causes, etc...).
 - b. having a "**NEED**" (e.g., needing a road condition report [e.g., status of Ponderosa Way north bound from Highway 44...]; needing help changing a tire; needing someone to transport persons from a broken down vehicle while they were trying to evacuate; needing help transporting a disabled person, etc...) .
 - c. giving a "**RESPONSE**" (e.g. providing facts in response to a request for information; or advising of an ability to provide assistance transporting persons, etc...).

11. The station desiring to make a report, for example, will simply key the mike and give their Identifier” - SAYING (for example) - “**Foxtrot 1 on 57, over**” (stop talking, release PTT).

12. Then **ANY STATION jumps in and acts as "TEMP CONTROL"** ... A Temp Control would respond - “This is TEMP CONTROL, Foxtrot 1 go”... The Temp Control is any station that can safely act as TEMP CONTROL for that brief communications cycle - i.e., handling communications for that REPORT, NEED, or RESPONSE. The communication for a REPORT is simpler than for a NEED or RESPONSE. The differences in handling are shown by the different DRILLS (available at the web page: <https://www.shastadefense.com/ShastaEmergencyRadio.htm>). We plan on having Drill Nets to practice each.

13. When transmitting, speak slowly and clearly so that the information can be correctly written down by any station listening, and responded to as needed (if volunteer radios operators are available). This is all volunteer and it will only be successful if we all participate. Waiting for an emergency to decide to “help out” is not a plan.

14. When that communications cycle is done, that specific Temp Control says "Temp Control out" (unless he / she is available to handle another Comms Cycle).

After that, any next COMMS CYCLE would be handled by any station who is at a safe location and is able to act as "Temp Control" at that time. Thus, no single person is tasked with running all communications.

15. Stations listening should be recording (writing down) reports and requests, etc... (HAVE PAPER AND PENCIL WITH YOU). A request may later be made as to Road conditions which were recently reported by another station and if you wrote it down, you have the answer.

16. For safety, the Radio operator should **not** be the person who is driving the vehicle!

17. Car to Car non-emergency communications. For example your family may be using two (2) vehicles and are in close proximity to each other while driving and you wish to briefly communicate. Example: “... need to stop at next gas station for gasoline”, etc... . DO NOT USE your Area/Neighborhood Channel and DO NOT USE 55, 56, 57, 58 or 59 for these personal non emergency communications. Instead, consider using **Ch 79, 80, or 81 (FRS)**. Follow disciplined radio procedures. Keep communications brief and to the point as others may also be using the Channel(s). Plan ahead with your group (family) as to which Ch you will use for these personal non-emergency communications.

18. Please see the Mobile Evacuation Net Script (pages 1 and 2) at this link: <https://www.shastadefense.com/ShastaEmergencyRadio.htm>

19. **ALL DRILLS MUST BE CLEARLY STATED TO BE A “DRILL” SO THAT WE DON’T CAUSE ALARM.**