

SHINGLETOWN EMERGENCY RADIO (SER)

[This is not 911]

COMMUNICATIONS PLAN DESIGNED BY: A. NATHAN ZELIFF

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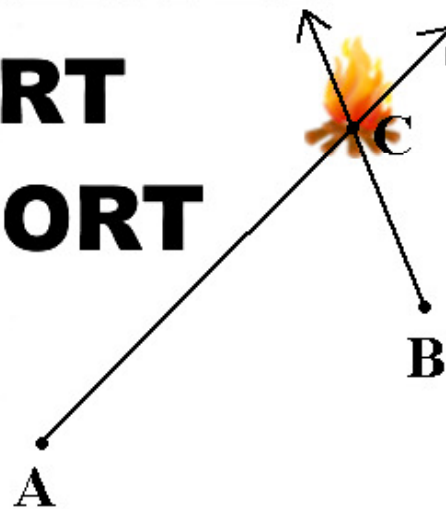
General Class Ham Radio Operator - K6PDS

March 25, 2019



SOAR

**SMOKE
OBSERVED
ALERT
REPORT**



SHINGLETOWN EMERGENCY RADIO PROJECT

© K6PDS 73

WHY HAM RADIO DURING EMERGENCIES?

February, 2019
The Shasta County Emergency Declaration
and
SHINGLETOWN EMERGENCY RADIO PLAN
[THIS IS NOT 911]



- - Severe Storm Damage
- - Some residents snow bound
- - no electricity
- - no heat
- - no telephone (landline or cell)
- - no internet
- - no ability to dial 911 ...

- Photo Credit: KI6WAU (Chuck Knight)

Did you have a PLAN to:

Find out what was happening in Shingletown?

Find out if stores were open to get food or fuel?

Find out how far would you have to travel for food & fuel?

Find out if the roads were open?

Communicate with others in Shingletown?

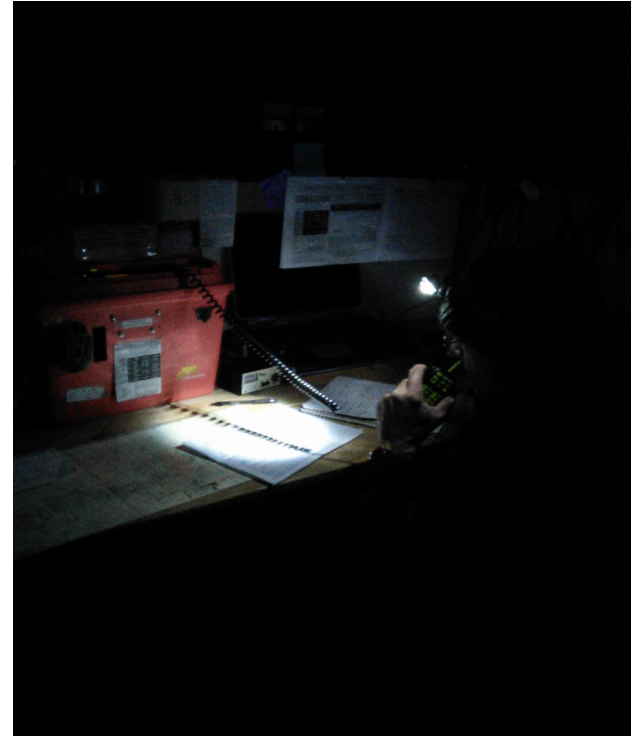
Call “911” for an immediate life threatening medical situation?

Do you have a PLAN today?

SHINGLETOWN EMERGENCY RADIO PLAN IN ACTION
February 2019



W6BEN
Bennie Macomber, Airport Area
Emergency Radio Operations



K6PDS
Nathan Zelif – Shasta Forest Village
Emergency Radio Operations

During our emergency radio nets, Ham Radio Operators reported in from Shingletown, Cottonwood, Palo Cedro and Bella Vista. Thanks to: W6BEN, KF6JAQ, KK6SWE, KK6SWG, KI6WAU, K6PDS, and others.

The purpose of the Shingletown Emergency Radio Plan is to provide an emergency communications platform (plan) during emergencies. It is not for the purpose of authorizing or directing field actions. That is up to individuals.

Examples of some of the activities conducted - February, 2019 State of Emergency:

- Monitoring designated radio frequencies for emergency traffic and providing situation reports.
- Relaying radio traffic.
- Telephone call and message done via relay through a radio operator in another area with phone service.
- Using snow shoes to conduct welfare checks on elderly neighbors with medical conditions and providing food items, kerosene heater and refilling heater.
- Driving and conducting welfare checks on people in different areas of Shingletown.
- Providing on scene radio reports from Dollar General in Shingletown, advising that electrical power was now on at that location and that the store was conducting business on cash only basis. Other stores in Shingletown were still not open.
- Providing on scene radio report as to gasoline availability and supply in Palo Cedro.
- Providing on scene radio reports of actual road conditions on Highway 44 between Shingletown and Palo Cedro.
- Hiking through the snow to cut a tree limb in neighbor's road so she could go to a medical doctor appointment.

AND YES, ... Many in Shingletown also helped neighbors,

... BUT,

**those using the SHINGLETOWN EMERGENCY RADIO PLAN
HAD THE ABILITY TO COMMUNICATE WITH OTHERS
IF THEY NEEDED ASSISTANCE.**

DID YOU HAVE SUCH A COMMUNICATIONS PLAN?

DO YOU WANT TO BE PART OF ONE BEFORE THE NEXT DISASTER STRIKES?

FOREST FIRE EVACUATIONS

- Running for your Life -



PARADISE, Calif. (AP) 11-2018
— “Tens of thousands of people fled a fast-moving wildfire ... in Northern California, some clutching babies and pets as they abandoned vehicles and struck out on foot ahead of the flames that forced the evacuation of an entire town and destroyed hundreds of structures.”

Credit: DON THOMPSON and NOAH BERGER, Associated Press

Death Toll: 85



Vehicles are seen during an attempt to evacuate the Camp Fire in Paradise, California. Credit: Reuters



Above: Evacuation of family by vehicle through area surrounded by life threatening fire. Paradise Fire Evacuation.

Credit: Screen Shot from posting by Brynn Parrott Chatfield

SCENARIO: A FOREST FIRE IS FAST APPROACHING SHINGLETOWN.

- ALL SYSTEMS HAVE FAILED. THERE IS NO CELL PHONE, NO LANDLINE, NO 911, NO INTERNET, YOU WON'T GET THAT REVERSE 911 CALL, ETC...
- HOW ARE YOU GOING TO BE ALERTED? HOW ARE YOU GOING TO ALERT OTHERS?
- DO YOU HAVE A PLAN WITH YOUR NEIGHBORS TO NOTIFY EACH OTHER?
- DO YOU HAVE A TELEPHONE TREE (FOR WHEN THE PHONES ARE WORKING).
- DO YOU HAVE A NEIGHBORHOOD FOOT NOTIFICATION "TREE" SET UP FOR WHEN ALL COMMUNICATIONS HAVE FAILED? (Tom Twist).

SHINGLETOWN

"high risk" for wildfires

- Newly released CAL FIRE list showing 35 areas in the state considered "high risk" for wildfires.
- The Highway 44 corridor around Shingletown is in the top spot in the entire state of California.

Source: <https://www.actionnewsnow.com/content/news/Shasta-Co-on-top-of-CAL-FIRE-list-of-high-risk-fire-areas-506928931.html>

HOW PREPARED ARE YOU?

- YOUR GO BAGS ARE IN THE CAR AND YOU KNOW YOUR EVACUATION ROUTE. YOUR FAMILY IS IN THE CAR AND EVACUATING TO AVOID GETTING TRAPPED BY FIRE. BUT:

- A tree is blocking the only evacuation road for you and your neighbors.. What is your plan to contact other neighbors who have chain saws to remove the blockage?

Or

- A large amount of debris is blocking the evacuation route. Your neighbor has a tractor that could quickly move the debris out of the way. What is your plan to contact him and request assistance?

Or

- There are two roads that can be used to exit your subdivision, and one of them (a narrow winding road) is blocked by huge tree, downed power lines, abandoned vehicles, or engulfed in flames, etc... . How can you tell your neighbors that this exit is blocked so that everyone doesn't pile into a dead end road and get trapped? Etc ...

RADIOS WORK

- THE SHERIFF and FIRE DEPARTMENT USE RADIOS AND HAVE RADIO PLANS.
- HOW ABOUT YOU OBTAINING A RADIO, LEARNING HOW TO USE IT (PEOPLE WILL HELP YOU), AND BECOME PART OF A COORDINATED COMMUNITY EMERGENCY COMMUNICATIONS PLAN?
- YOU CAN BE LICENSED OR NON LICENSED.
- You can set up A MURS RADIO NET (FOR NON LICENSED) IN YOUR NEIGHBORHOOD.
- You can COORDINATE WITH HAM RADIO OPERATORS (LICENSED) IN YOUR NEIGHBORHOOD AND BECOME PART OF A LARGER AREA NETWORK FOR RECEIVING AND PASSING EMERGENCY INFORMATION.
- BOTH LICENSED HAMS AND NON LICENSED MURS NETS CAN WORK TOGETHER!

WHO CAN JOIN IN?

- ANYONE CAN LISTEN TO THE HAM RADIO FREQ. PLAN (NO LICENSE REQUIRED).
- ANY LICENSED HAM OPERATOR CAN PARTICIPATE.
- YOU DON'T HAVE TO BE LICENSED TO FORM YOUR OWN NEIGHBORHOOD MURS NET.
- YOU DON'T HAVE TO "JOIN" ANY GROUP, OR PAY ANY DUES.
- YOU MERELY JOIN IN, PRACTICE WITH US, AND FOLLOW THE PLAN.
- ANY HAM RADIO CLUB OR OTHER EMERGENCY PLANNING GROUP CAN JOIN IN.
- THANKS TO STARC AND ITS MEMBERS WHO ARE HELPING WITH THIS COMMUNITY EMERGENCY RADIO RESPONSE PLAN.

WHO CAN HELP OUT RIGHT NOW?

- We need Licensed Ham Operators over a large geographic area.
Whitmore, Oak Run, Millville, Redding,
Cottonwood, Manton, Shingletown, & other areas.
- We need non licensed persons to set up MURS radio nets in their neighborhoods.
- We need Licensed Hams to be coordinators for neighborhood MURS radio nets.

The SER Net has procedures and formats, including:

- Pre-incident brevity reporting where radio operators report conditions observed while at home, or driving (very brief / avoids use of “alert” type words (e.g., “fire” “smoke”).
- Reporting wild fire status.
- Reporting on road conditions.
- Seeking to locate sources of smoke from unknown fires.
- Earthquake reporting.
- Situation reporting for such matters as – no electricity, no telephone, no cell phone, no ability to call 911, I need firewood, ... I am okay and do not need assistance.
- Ember watch.
- Setting up radio communication posts in a neighborhood with a communications black out.
- Receiving and sending information about the status of emergency conditions.
- Home based radios are used along with Mobile Radios and Hand Held Radios.
- Communications must be short, accurate, organized, and disciplined.
- No gossip or chatter.

WHAT IS NEEDED? YOU ARE NEEDED!

- As members of the community that will be on the receiving end of Wildfires, Earthquakes, other natural disasters, or incidents, we need to take action!
- Without your help, the plan is nothing but a plan.
- REMEMBER – THIS IS NOT A SUSTITUTE FOR 911

OVERVIEW

- HAM RADIO NET.

SUB NETS.

GROUND TEAMS.

- YOUR NEIGHBORHOOD RADIO CONNECTION.

Vers: 11/4/2015 Rev 3/24/19
THIS IS NOT 911

SHASTA EMERGENCY RADIO NETS

**Forest Fires, Power Outages; Cell phones not working, Land lines down, Internet down, Snow storms, Flooding, Earthquakes, Roads blocked, Smoke reports, etc... .
Feel alone? What is happening? Where do you go?
JOIN
"YOUR NEIGHBORHOOD"
RADIO CONNECTION.**

**EXAMPLES:
"SHINGLETOWN RADIO
CONNECTIONS-**

Coordinator
Shasta
Forest
Village

Neighbors
using
Radios.
No
License
Required

Coordinator
Lake
McCumber

Neighbors
using
Radios.
No
License
Required

**YOUR AREA
COORDINATOR**

**YOU AND YOUR Neighbors,
using Radios.
No License Required**

Local
2 Meter Nets
**SHASTA
EMERGENCY
RADIO NETS**
Licensed Ham
Radio Operators

Examples of Operations:

- Fire Watch / Patrols
- Smoke Reports to help Cal Fire locate forest fires
- Community Disaster Response Assistance
- Neighborhood Area Drive Through - Rapid Needs Assessments

**Liaison with:
Medical Center
Sheriff
Cal Fire
Shasta Tehama Amateur Radio
Services
Shingletown Amateur Radio Club
Other Emergency Nets ...**

**Regional HF Voice and Digital
Emergency Communications Net
(e.g., Northern California / other
states)**

Citizen Neighbors use Hand Held Radios tuned to MURS Channel 3 - Freq. 151.940.
No License Required. Radios Cost less than \$50.00.

[For Information see www.ShastaDefense.com](http://www.ShastaDefense.com)
Nathan Zeliff, Attorney at Law

FORMAT LIMA 1

For General Public Distribution

**LET'S NOT HAVE A "PARADISE FIRE" SITUATION HIT
SHINGLETOWN.**

WILL YOU PLEASE HELP OUT?

THANK YOU.

SHINGLETOWN EMERGENCY RADIO

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