

**SHINGLETOWN EMERGENCY RADIO AUTH 489 U&6 8924 FMT KILO 1 APPEND F1  
FOLLOWING PROTOCOL IS BASED UPON OPINION OF LEGAL COUNSEL.**

**Communications with the FCC is in process on this matter.**

**EMERGENCY COMMUNICATION PROTOCOL – NON HAMS: [DRAFT]**

IN EMERGENCY SITUATIONS INVOLVING “ESSENTIAL COMMUNICATION NEEDS IN CONNECTION WITH THE IMMEDIATE SAFETY OF HUMAN LIFE AND IMMEDIATE PROTECTION OF PROPERTY” – if there are not enough Ham stations to help, we will use Non Hams on Ham frequencies to facilitate the Shingletown Emergency Radio Plan.

BY DEFINITION, A SHINGLETOWN WILD FIRE INVOLVES THE IMMEDIATE SAFETY OF HUMAN LIFE AND THE IMMEDIATE PROTECTION OF PROPERTY. FURTHERMORE, SHINGLETOWN IS AT THE TOP OF CALIFORNIA’S LIST OF AREAS TO BE HIT BY WILDFIRE.

IN THE SHINGLETOWN AREA, RELAY FROM CELL PHONES IS NOT RELIABLE (AND MANY TIMES NON EXISTENT). FURTHER, THERE IS THE HISTORY OF LAND LINE FAILURES IN SHINGLETOWN AND REPEATED INTERNET FAILURES. DURING 2/2019, SHINGLETOWN HAD A COMPLETE COMMUNICATIONS BLACKOUT DURING SEVERE SNOW STORMS WITH A TOTAL ELECTRICAL POWER OUTAGE. THERE WAS NO ABILITY TO CALL 911 OR RECEIVE ANY TYPE OF REVERSE 911 CALL. IT WAS A 100% COMMS FAILURE, EXCEPT HAM RADIO. PEOPLE WITH MEDICAL CONDITIONS WERE STRANDED, WITH OVER 3 FEET OF SNOW, AND NO ABILITY TO ASK FOR OR GET HELP.

ADDITIONALLY, TELEPHONE CALLS TO **FIRE CONTROL** DURING EMERGENCY NETS HAS RESULTED IN STOPPING OF THE EMERGENCY NETS TO “ANSWER THE PHONE”. THIS CAN RESULT IN UP TO 3 EMERGENCY NETS BEING INTERRUPTED AT ONE TIME.

MOREOVER, DURING OCTOBER, 2020, PG&E DID A POWER “SAFETY” SHUT OFF DURING A PERIOD OF HIGH FIRE DANGER. THIS RESULTED IN LOSS OF ELECTRICAL POWER TO ALL OF SHINGLETOWN WHILE AN ACTIVATED ONGOING EMERGENCY COMMUNICATIONS FIRE NET WAS OPERATING DUE TO TWO (2) WILDLAND FIRES CONCURRENTLY BURNING (AT BOTH THE EAST AND WEST SIDES OF SHINGLETOWN). STATIONS USED BATTERY AND OTHER EMERGENCY BACK UP POWER TO CONTINUE THE EMERGENCY FIRE NET. ALSO, THERE ARE NOT ENOUGH HAM OPERATORS TO FULLFILL ALL OF THE COMMUNICATION TASKS ESSENTIAL TO SER EMERGENCY NET OPERATIONS.

SUCH COMBINATION OF FACTORS, THE CONDITIONS EXISTING IN SHINGLETOWN (RUGGED TERRAIN, ETC...) COMBINED WITH THE RAPID AND EXPLOSIVE SPEED OF TRAVEL OF WILDFIRES IN CALIFORNIA, (WITH DEADLY CONSEQUENCES TO RESIDENTS) FACTUALLY RENDERS “NORMAL COMMUNICATION SYSTEMS” AS BEING “UNAVAILABLE” DURING THESE TYPES OF EMERGENCIES. ACCORDINGLY, NON HAMS WILL BE UTILIZED IN ACCORDANCE WITH FCC GUIDELINES. FOLLOW SER PROCEDURES. K6PDS