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**CHECK BACK FOR UPDATES** [DESTROY ALL PRIOR VERSIONS] **FMT YANKEE 5**

**SHINGLETOWN EMERGENCY RADIO PLAN (SER) (K6PDS - N. Zeliff)**

**Neighborhood Emergency Radio Connections and Plan (NERCAP)**

**-MURS/FRS FREQ. ALLOCATION TABLE BY AREA-**

**THIS IS NOT 911 – IF YOU HAVE AN EMERGENCY CALL 911**

**NEIGHBORHOOD FREQ. COORDINATION AND ALLOCATION FOR NEIGHBORHOODS.**

[OBJECTIVE = AVOID INTERFERENCE WITH NEARBY AREAS]

**PLEASE CALL TO GET YOUR NEIGHBORHOOD INCLUDED IN THE TABLE BELOW**

**- CALL NATHAN ZELIFF – 530-474-3267 –**

**PROPAGATION TESTING MUST BE DONE BY EACH NEIGHBORHOOD.**

**➔ NOTE: SER PLAN RADIO CHANNEL # 6, 7, 8, AND 9 ARE MURS FREQUENCIES THAT YOU CAN USE TO RELAY REPORTS BETWEEN AREAS USING AN OUTSIDE ANTENNA.**

**(SEE FORMAT YANKEE 4)**

**CHECK TO SEE WHAT AREAS YOU CAN REACH! DO TESTING NOW!**

<b>FREQUENCY NOT ASSIGNED TO ANY AREA</b> ➔ ➔	Channel #5 <b>“MURS 940”</b> THIS FREQ. IS for all areas in event of emergency. Also, directing traffic at traffic accident, etc...	<b>Channel # 5:</b> <b>151.940 NARR.</b> <b>BAND NO PL</b>
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**MURS/FRS FREQUENCY COORDINATION AND ALLOCATION TABLE SHOWING FREQUENCY FOR AREA / NEIGHBORHOOD AREAS.**

Each participating Area Neighborhood is to have the following:

1. Alert / Emergency Communications Frequency-  
THIS IS YOUR **“ALERT / EMERGENCY FREQUENCY”**.
2. Operations Frequency-  
THIS IS YOUR **“OPS FREQUENCY”**.

**NOTE: NEIGHBORHOODS / EACH NEIGHBOR (STATION) CAN ACTIVATE THEIR NEIGHBORHOOD NETS & MAKE A CALL OUT ON THEIR OWN!**

**YOUR RADIO MUST BE ON 24/7 TO HEAR CALLS FROM NEIGHBORS! KEEP YOUR RADIOS ON!**

**FOLLOW THE PLAN.**

THE **ALERT FREQUENCY** USE IS RESTRICTED TO THE FOLLOWING ONLY:

[this FREQUENCY is to have NO TRAFFIC during periods of NO EMERGENCY/PRIORITY]

1. **EMERGENCY / PRIORITY** – FIRE / SMOKE COLUMN IN AREA
  - MIKE MIKE 4 EARTHQUAKE OR ABOVE
  - VOLCANIC ACTIVITY
  - COMMUNICATIONS BLACKOUT
  - FLYING EMBERS IN AREA
  - SMOKE ODOR IN AREA
  - POWER LINES DOWN
  - GAS LEAK IN HOME
2. **EMERGENCY – IMMEDIATE EVACUATION ORDER FROM SHERIFF.**
3. **EMERGENCY MEDICAL SITUATION.**
4. **PRIORITY – EVACUATION WARNING FROM SHERIFF.**
5. **EMERGENCY / PRIORITY COMMUNICATIONS DURING AN EMERGENCY SITUATION - EXAMPLES:**
  - A. **WELFARE CHECK ON PERSONS DURING EMERGENCY SITUATIONS (ABOVE).**
  - B. **TRAFFIC FLOW (ROADS OBSTRUCTED ETC...) DURING EMERGENCY SITUATIONS (ABOVE).**
  - C. **AREA RESOURCE UTILIZATION (E.G., IMMEDIATE NEED FOR CHAIN SAWS, TOW VEHICLES, GENERATORS, FOOD, WATER, MEDICAL, ETC...) DURING EMERGENCY SITUATIONS, ETC...**
  - D. **SITUATION REPORTS DURING EMERGENCY / PRIORITY SITUATIONS, USE FORMAT TANGO 9M**
6. **OTHER EMERGENCY / PRIORITY SITUATIONS.**
7. **PRACTICE NETS (E.G., SER PRACTICE NETS) – THIS IS AN EXCEPTION TO EMERGENCY USE.**

THE **OPS FREQUENCY** IS FOR AREA OPERATIONS & INCLUDES THE FOLLOWING:

[this FREQUENCY may have TRAFFIC during periods of NO EMERGENCY/NO PRIORITY]

1. COORDINATING AREA RESOURCES DURING AN EMERGENCY.
2. STATIONS DIRECTING VEHICLE TRAFFIC AND COORDINATING ACTIVITIES DURING AN EMERGENCY.
3. **COMMUNICATIONS THAT ARE NOT EMERGENCY OR PRIORITY – BUT ARE IMPORTANT AS TO THE AREA NEIGHBORHOOD (E.G., SUSPICIOUS VEHICLE (DO NOT ENGAGE – REPORT TO 911) DURING NON EMERGENCY / NON PRIORITY PERIODS).**
4. **SMOKE CHECK REPORTS (USE FORMAT TANGO 4).**
5. **FIRE WATCH BREVITY CODES (SEE Format Mike 7).**
6. USE FOR MAKING INITIAL CONTACT AND THEN QSY (CHANGE FREQUENCY) TO THE GENERAL TALK / CHAT FREQUENCY (I.E., CHANNEL #40).

**THE ALERT FREQUENCY AND OPS FREQUENCY ARE **NOT** TO BE USED FOR CHIT CHAT. SUCH WILL DESTROY THE EMERGENCY MONITORING PURPOSE OF THE PLAN. **FOR CHIT CHAT GO TO NON PLAN FRS FREQUENCY >> 462.7250 NB ( NO CTCS IN or OUT)****

AREA / NEIGHBORHOOD		AREA / NEIGHBORHOOD - FREQUENCY ALLOCATIONS			
AREA	AREA TACTICAL	ALERT / EMERGENCY COMMS FREQ. E.G., "VILLAGE ALERT FREQ"		OPERATIONS FREQUENCY E.G., "VILLAGE OPS FREQ"	
FISHER AND HIGHWAY 44 Sect 27 T31N R2W  <b>NEW AREA</b> 7/15/2019	"FISHER"  [DIVISION 1 NORTH]	CH #1 FOR SCAN MONITORING 462.6875 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 462.6875 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.7000 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.7000 NB CTCS <u>OUT ONLY</u> 136.50
DERSCH AND HIGHWAY 44 Sect 25 T31N R2W  <b>NEW AREA</b> 6/23/2019	"DERSCH"  [DIVISION 1 NORTH]	CH #1 FOR SCAN MONITORING 151.820 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 151.820 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6250 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6250 NB CTCS <u>OUT ONLY</u> 136.50
WHIPPOORWILL Sect 5 T30N R1W  <b>NEW AREA</b> 7/09/2019	"WHIPPOORWILL"  [DIVISION 2 SOUTH]	CH #1 FOR SCAN MONITORING 462.6375 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 462.6375 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.7125 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.7125 NB CTCS <u>OUT ONLY</u> 136.50
INWOOD Sect 23 T31N R1W	"INWOOD"  [DIVISION 2 NORTH]	CH #1 FOR SCAN MONITORING 151.880 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 151.880 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6000 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6000 NB CTCS <u>OUT ONLY</u> 136.50
CORTLAND PINES Sect 26 T31N R1W	"CORTLAND"  [DIVISION 2 NORTH]	CH #1 FOR SCAN MONITORING 154.570 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 154.570 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6750 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6750 NB CTCS <u>OUT ONLY</u> 136.50
SHASTA FOREST VILLAGE Sect 31 T31N R1E	"VILLAGE __[YOUR NAME]__"  E.G., "THIS IS VILLAGE JIM"  [DIVISION 3 NORTH]	CH #1 FOR SCAN MONITORING 154.600 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 154.600 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.5500 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.5500 NB CTCS <u>OUT ONLY</u> 136.50

<b>AREA</b>	<b>AREA TACTICAL</b>	<b>ALERT / EMERGENCY COMMS FREQ.</b>		<b>OPERATIONS FREQUENCY</b>	
		E.G., "VILLAGE ALERT FREQ"		E.G., "VILLAGE OPS FREQ"	
<b>WHISPERING WOODS</b> <small>(NAME CORRECTED 7/9/2019)</small> SECT 32 T31N R1E  <b>NEW AREA</b> <b>7/7/2019</b>	"WHISPERING"  [DIVISION 3 SOUTH]	<b>CH #1 FOR SCAN MONITORING</b> 462.5875 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #2 FOR COMMS</b> 462.5875 NB CTCS <u>OUT ONLY</u> 136.50	<b>CH #3 FOR SCAN MONITORING</b> 462.6125 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #4 FOR COMMS</b> 462.6125 NB CTCS <u>OUT ONLY</u> 136.50
<b>WOODRIDGE LAKE</b>  Sect 5 T30N R1E  6/21/2019 →→	"WOODRIDGE__"  [DIVISION 3 SOUTH]  FREQUENCY REVISED - BECAUSE OF WOODRIDGE	<b>CH #1 FOR SCAN MONITORING</b> 462.6875 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #2 FOR COMMS</b> 462.6875 NB CTCS <u>OUT ONLY</u> 136.50	<b>CH #3 FOR SCAN MONITORING</b> 462.7000 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #4 FOR COMMS</b> 462.7000 NB CTCS <u>OUT ONLY</u> 136.50
<b>WILSON HILL</b> (South of Grace lake exit)  INCLUDES Sect 8 T30N R1E  6/21/2019 →→	"WILSON HILL __"  [DIVISION 3 SOUTH]  FREQUENCY REVISED - BECAUSE OF WOODRIDGE	<b>CH #1 FOR SCAN MONITORING</b> 462.6625 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #2 FOR COMMS</b> 462.6625 NB CTCS <u>OUT ONLY</u> 136.50	<b>CH #3 FOR SCAN MONITORING</b> 462.6000 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #4 FOR COMMS</b> 462.6000 NB CTCS <u>OUT ONLY</u> 136.50
<b>CIRCLE K</b>  Sect 23 T31N R1E	"CIRCLE K ____"  [DIVISION 3 NORTH]	<b>CH #1 FOR SCAN MONITORING</b> 154.570 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #2 FOR COMMS</b> 154.570 NB CTCS <u>OUT ONLY</u> 136.50	<b>CH #3 FOR SCAN MONITORING</b> 462.5750 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #4 FOR COMMS</b> 462.5750 NB CTCS <u>OUT ONLY</u> 136.50
<b>REST AREA</b> [TEST]  Sect 26 T31N R1E AND N ½ Sect 35 T31N R1E  NEW AREA - 7/2019 PREVIOUSLY PART OF CIRCLE K	"REST AREA"  [DIVISION 3 NORTH]	<b>CH #1 FOR SCAN MONITORING</b> 151.880 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #2 FOR COMMS</b> 151.880 NB CTCS <u>OUT ONLY</u> 136.50	<b>CH #3 FOR SCAN MONITORING</b> 462.6000 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #4 FOR COMMS</b> 462.6000 NB CTCS <u>OUT ONLY</u> 136.50
<b>STARLITE PINES</b> (SPELLING CORRECTED 7/9/2019)  Sect 19 T31N R2E	"STARLITE____"  [DIVISION 4 NORTH ]	<b>CH #1 FOR SCAN MONITORING</b> 154.600 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #2 FOR COMMS</b> 154.600 NB CTCS <u>OUT ONLY</u> 136.50	<b>CH #3 FOR SCAN MONITORING</b> 462.5500 NB CTCS <u>IN/OUT</u> 136.50	<b>CH #4 FOR COMMS</b> 462.5500 NB CTCS <u>OUT ONLY</u> 136.50

<b>AREA</b>	<b>AREA TACTICAL</b>	<b>ALERT / EMERGENCY COMMS FREQ.</b>		<b>OPERATIONS FREQUENCY</b>	
		E.G., "VILLAGE ALERT FREQ"		E.G., "VILLAGE OPS FREQ"	
BIBLE BELT Sect 10 T31N R2E	"BIBLE BELT ___" [DIVISION 4 NORTH]	CH #1 FOR SCAN MONITORING 462.5625 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 462.5625 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6750 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6750 NB CTCS <u>OUT ONLY</u> 136.50
Mountain Cabin Sites Subd. Sect 21 T31N R2E	"EMIGRANT ___" [DIVISION 4 NORTH]	CH #1 FOR SCAN MONITORING 462.6875 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 462.6875 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.7000 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.7000 NB CTCS <u>OUT ONLY</u> 136.50
CAMP MCCUMBER & BATTLE CREEK Sect 15 T31N R2E	"BATTLE CREEK _" [DIVISION 4 NORTH ]	CH #1 FOR SCAN MONITORING 151.880 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 151.880 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6000 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6000 NB CTCS <u>OUT ONLY</u> 136.50
LONG HAY FLAT / WILD TURKEY Sect 27 T31N R2E	"HAY FLAT" [DIVISION 4 NORTH]	CH #1 FOR SCAN MONITORING 154.570 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 154.570 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6500 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6500 NB CTCS <u>OUT ONLY</u> 136.50
SCHARSCH Sect 23 T31N R2E Sect 24 T31N R2E	"SHCARSCH ___" [DIVISION 4 NORTH]	CH #1 FOR SCAN MONITORING 151.820 NB CTCS <u>IN/OUT</u> 136.50	CH #2 FOR COMMS 151.820 NB CTCS <u>OUT ONLY</u> 136.50	CH #3 FOR SCAN MONITORING 462.6250 NB CTCS <u>IN/OUT</u> 136.50	CH #4 FOR COMMS 462.6250 NB CTCS <u>OUT ONLY</u> 136.50
VIOLA Sect 19 T31N R3E	"VIOLA ___" [DIVISION 5 NORTH]	none	none	none	none

**ALL OF ABOVE ARE PENDING PROPAGATION TESTING BY NEIGHBORHOODS.  
NEIGHBORHOODS MUST DO TESTING.**

**NOTES AS TO DESIGNATIONS OF CH #1 / CH #2 ; AND CH #3 / CH #4:**

**CH #1 (ABOVE CHART) is for Scan Monitoring.** The purpose is to increase Area / Neighborhood monitoring (with a goal of 24/7 monitoring by Areas / Neighborhoods. Thus, the R-CTCS seeks to limit what you “hear on the radio” to only those alert communications related to your Area / Neighborhood. Thus, you should not hear miscellaneous radio traffic from those not participating in the emergency communications plan. However, a risk is that someone who has an emergency message may not be heard because their radio doesn’t contain the T-CTCS coding to open up the squelch on Area / Neighborhood radios programmed with the R-CTCS coding. Ch #3 duplicates this process for the Ops Frequency.

**CH #2 (IS THE SAME FREQUENCY AS CH #1 - BUT “CTCS – IN” IS REMOVED:**

**THIS CHANNEL is for Emergency Communications AFTER an emergency alert has been sent on Ch #1.** Stations should switch from Ch #1 to Ch #2.

By going to Ch #2, you should now be able to hear all stations transmitting on the frequency (if stations are within transmit / receive range), even if the transmitting station is not toned with the Area/Neighborhood Transmit CTCS code. The purpose is to allow all transmitting stations to be heard during an emergency situation (including those radio stations who have remained on Ch. #1, and also including those radio stations which have no T-CTCS programmed for the frequency, and/or have the wrong T-CTCS programmed. If however, a radio has the wrong R-CTCS programmed in it, then such station will not hear Area/Neighborhood communications on either Ch1 or Ch 2. Ch #4 duplicates this process for the Ops Frequency. If stations choose, they can Scan monitor Ch #2 (on a 24/7 basis), but this most likely will result in hearing miscellaneous communications (potentially at all hours of the day and/or night) which have no relationship to the emergency communications for your Area / Neighborhood.

Additionally, if an Area / Neighborhood decides that it doesn’t want to use any R-CTCS and/or T-CTCS, such decision is up to each Area / Neighborhood. You should let Your Area Coordinator and all others in the community know. If you don’t advise

**other Area / Neighborhoods of your modification, then others will not be able to and/or may not be able to communicate with your Area / Neighborhood on your Area / Neighborhood Frequencies.**

## **WARNING**

**EACH AREA / NEIGHBORHOOD IS RESPONSIBLE FOR ITS OWN TESTING TO MAKE SURE THAT ALL AREA / NEIGHBORHOOD STATIONS CAN BE HEARD AND COMMUNICATE.**

**IF YOU ARE NOT TESTING, THEN YOU ARE AT RISK OF COMMUNICATIONS FAILURE.**

**IF AREAS / NEIGHBORHOODS (AND EACH RESIDENT) NEGLECT TO PERFORM THE TESTING AND TAKE ANY NECESSARY REMEDIAL ACTIONS, THEN COMMUNICATIONS DURING AN EMERGENCY MAY FAIL. ULTIMATELY IS UP TO EACH INDIVIDUAL STATION OPERATOR TO MAKE HIS/HER RADIO STATION SUFFICIENT FOR EMERGENCY COMMUNICATIONS. DON'T WAIT UNTIL THERE IS AN EMERGENCY!**

**HAVE BACK UP RADIO(S)**

**HAVE BACK UP POWER SUPPLIES: BATTERIES / GENERATORS / SOLAR, ETC...**

**PLEASE CALL 474-3267 WITH YOUR TEST RESULTS.**

**NOTE: YOU MAY HEAR COMMUNICATIONS NOT ASSOCIATED WITH THE SHINGLETOWN EMERGENCY RADIO NETS ON THESE FREQUENCIES. WE DON'T CONTROL THE FREQUENCIES AND OTHERS MAY BE USING THEM.**

**WARNING: YOU MUST RECEIVE A "ROGER" TO CONFIRM THAT YOUR RADIO TRANSMIT WAS RECEIVED AND NOT BLOCKED BY "HIDDEN" INTERFERENCE.**

**HOPEFULLY, ALL PERSONS USING THE FREQUENCIES WILL RECOGNIZE THE SEVERE FIRE DANGER WE ARE FACING AND WILL GIVE PRIORITY TO THE EMERGENCY COMMUNICATIONS PLAN THAT IS BEING USED.**

**WARNING:**

**EACH INDIVIDUAL IS SOLELY AND INDIVIDUALLY RESPONSIBLE FOR THEIR OWN RADIO SYSTEM, INCLUDING, BUT NOT LIMITED TO: RADIO(S), TYPE OF RADIO(S),**



**BATTERIES, RADIO PROGRAMING, CONNECTIONS, ANTENNA, ALL COMPONENTS AND PARTS, MAINTENANCE AND MAINTENANCE CHECKS, AND ANY AND ALL RELATED MATTERS WHATSOEVER; AND IS SOLELY AND INDIVIDUALLY RESPONSIBLE FOR TESTING SUCH RADIO SYSTEM AND HIS/HER ABILITY OR NON ABILITY TO COMMUNICATE WITH OTHERS, AND RECOGNIZES THAT COMMUNITY INVOLVEMENT IS REQUIRED FOR THE PLAN TO WORK; AND IS SOLELY AND INDIVIDUALLY RESPONSIBLE FOR COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS.**

**THANK YOU TO: W6BEN, W6IO, WB6CAN, KB6BZL, TOM TWIST, AND OTHERS WHO HAVE ASSISTED IN ABOVE.**

**K6PDS 73**

**MULTI-USE RADIO SYSTEM (MURS) / FAMILY RADIO SERVICE (FRS)**