

**SHINGLETOWN EMERGENCY RADIO COMMUNICATIONS PLAN**

NEIGHBORHOOD RADIO CONNECTION (K6PDS)  
MULTI-USE RADIO SYSTEM (MURS) / FAMILY RADIO SERVICE (FRS)

**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.**

**Radio Programming - For NON Hams**

[Ham Operators should also have these frequencies in their radios]

**Frequencies to be programmed into MURS / FRS PLAN RADIOS.**

**FOR NEIGHBORHOOD FREQUENCY COORDINATION AND RECOMMENDED FREQUENCY ALLOCATION FOR YOUR NEIGHBORHOOD  
- CALL NATHAN ZELIFF - 530-474-3267 -**

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

**YOUR NEIGHBORHOOD FREQUENCIES**

<p><b>YOUR RADIO</b> <b>CH # 1</b> PROGRAM FOR SCAN MODE (TO)</p>	<p><b>YOUR NEIGHBORHOOD CHANNEL #1 – ALERT/EMERG</b> INSERT FREQ. FROM FORMAT <a href="#">YANKEE 5</a></p>	<p><b>OKAY FOR NON LICENSED RADIO USE</b>  THESE ARE YOUR NEIGHBORHOOD MURS / FRS FREQUENCIES FOR ALERTS AND OPERATIONS.</p>
<p><b>CH # 2</b> PROGRAM – OFF SCAN LIST</p>	<p><b>YOUR NEIGHBORHOOD CHANNEL #2 – ALERT/EMERG</b> INSERT FREQ. FROM FORMAT <a href="#">YANKEE 5</a></p>	<p>SEE <a href="#">FORMAT YANKEE 5</a> FOR <u>FREQUENCY ALLOCATIONS TO YOUR NEIGHBORHOOD AND ENTER THE PROPER FREQUENCY FOR YOUR NEIGHBORHOOD INTO YOUR RADIO AND GIVE IT THE CHANNEL NUMBER AS SHOWN.</u></p>
<p><b>CH # 3</b> PROGRAM FOR SCAN MODE (TO)</p>	<p><b>YOUR NEIGHBORHOOD CHANNEL #3 OPERATIONS</b> INSERT FRQ. FROM FORMAT <a href="#">YANKEE 5</a></p>	<p>SEE <a href="#">FORMAT YANKEE 5</a> FOR <u>FREQUENCY ALLOCATIONS TO YOUR NEIGHBORHOOD AND ENTER THE PROPER FREQUENCY FOR YOUR NEIGHBORHOOD INTO YOUR RADIO AND GIVE IT THE CHANNEL NUMBER AS SHOWN.</u></p>
<p><b>CH # 4</b> PROGRAM – OFF SCAN LIST</p>	<p><b>YOUR NEIGHBORHOOD CHANNEL #4 – OPERATIONS</b> INSERT FREQ. FROM FORMAT <a href="#">YANKEE 5</a></p>	<p>SEE <a href="#">FORMAT YANKEE 5</a> FOR <u>FREQUENCY ALLOCATIONS TO YOUR NEIGHBORHOOD AND ENTER THE PROPER FREQUENCY FOR YOUR NEIGHBORHOOD INTO YOUR RADIO AND GIVE IT THE CHANNEL NUMBER AS SHOWN.</u></p>
<p><b>CH # 5</b> PROGRAM – OFF SCAN LIST</p>	<p>151.940 NB PL IN/OUT -NONE</p>	<p><b>OKAY FOR NON LICENSED RADIO USE</b> - This MURS FREQ is NOT assigned to any AREA. It is for use by all areas in event of larger area emergency. Also, directing traffic at traffic accident, etc...</p>

NOTE: FCC RULES LIMIT MURS / FRS POWER OUTPUT LEVELS TO 2 WATTS. SUCH WILL REDUCE TRANSMIT DISTANCE DURING EMERGENCIES. SOME RADIOS PROVIDE FOR HIGHER OUTPUT THAN FCC LIMIT. RECOMMEND THAT STATIONS PROGRAM YOUR RADIOS SO THAT THEY SHOW THE FREQUENCY IN THE DISPLAY.

**OTHER FREQUENCIES ARE ON THE NEXT PAGE**



**RELAY OF REPORTS BETWEEN AREA LEADS - MURS.**

**EXAMPLE: AREA COORDINATOR (HAM) IS NOT AVAILABLE FOR YOUR AREA. YOUR AREA LEAD CONTACTS AN AREA WHICH IS USING ONE OF THE BELOW MURS FREQUENCIES ALLOCATED TO SUCH AREA [FOR WHICH THERE IS GOOD RECIPROCAL COMMUNICATIONS] AND RELAYS THEIR REPORT TO THAT AREA LEAD. YOUR REPORT IS TO BE RELAYED BY THAT AREA LEAD TO ITS AREA COORDINATOR.**

<b>CH # 6</b> PROGRAM - OFF SCAN LIST	<b>151.820 NB</b> CTCS <u>OUT ONLY</u> 136.50	
<b>CH # 7</b> PROGRAM - OFF SCAN LIST	<b>151.880 NB</b> CTCS <u>OUT ONLY</u> 136.50	
<b>CH # 8</b> PROGRAM - OFF SCAN LIST	<b>154.570 NB</b> CTCS <u>OUT ONLY</u> 136.50	
<b>CH # 9</b> PROGRAM - OFF SCAN LIST	<b>154.600 NB</b> CTCS <u>OUT ONLY</u> 136.50	

**HAM AND OTHER FREQUENCIES**

**- NON LICENSED - MONITOR ONLY - NO TRANSMIT-**

<b>Ch #10</b>  PROGRAM FOR SCAN MODE (TO)	<b>146.760 TSQL 146.2</b> (R-CTCS) <b>SER SCAN PLAN FREQ.</b>	<b>SER - PRIM RPTR</b> OUTPUT ONLY SET RADIO FOR NO TRANSMIT
<b>Ch #11</b>	BLANK	
<b>Ch #12</b> PROGRAM - OFF SCAN LIST	147.165 TSQL 88.5 (R-CTCS)	Additional RPTR - for operations SET RADIO FOR NO TRANSMIT
<b>Ch #13</b>  PROGRAM FOR SCAN MODE (TO)	<b>146.505</b> <b>SER SCAN PLAN FREQ.</b>	<b>SER - PRIMARY SIMPLEX</b> SET RADIO FOR NO TRANSMIT
<b>Ch #14</b> PROGRAM - OFF SCAN LIST	147.030 TSQL 88.5 (R-CTCS)	Additional RPTR - for operations SET RADIO FOR NO TRANSMIT
<b>Ch #20</b> PROGRAM - OFF SCAN LIST	<b>151.160</b>	<b>CAL FIRE - DISPATCH</b> SET RADIO FOR NO TRANSMIT
<b>Ch #21</b> PROGRAM - OFF SCAN LIST	<b>158.7300</b>	<b>Sheriff Dispatch</b> SET RADIO FOR NO TRANSMIT
<b>Ch #22</b> PROGRAM - OFF SCAN LIST	<b>162.550</b>	<b>NOAA Weather</b> SET RADIO FOR NO TRANSMIT

**GENERAL TALK - CHIT CHAT**

<b>Ch #40</b> PROGRAM - OFF SCAN LIST	<b>462.7250 NB</b> NO CTCS IN OR OUT	<b>GENERAL TALK - CHIT CHAT</b> <b>FREQ. NON PLAN FREQ.</b>
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**EMERGENCY HAM FREQUENCIES ARE BELOW.**

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**WARNING**

**IF YOU ARE NOT LICENSED, YOU ARE NOT ALLOWED TO TRANSMIT ON HAM FREQUENCIES UNLESS FOR “ essential communication needs in connection with the immediate safety of human life and immediate protection of property when normal communication systems are not available.” (emphasis added). [See Rules, 47 C.F.R. Part 97, §97.403]. – E.G., FOREST FIRE, MEDICAL, ETC... F.C.C. REGULATIONS PROVIDE FOR SUBSTANTIAL PENALTIES FOR UNLICENSED USE. THEREFORE, USE FOR EMERGENCIES ONLY! RUNNING OUT OF GAS IS NOT AN EMERGENCY. AN EMERGENCY WOULD BE YOU ARE HIKING, YOUR WIFE FELL OFF A CLIFF, BROKE HER LEG, AND YOU HAVE NO OTHER MEANS TO REACH 911.**

<b>CH 55</b> ← PROGRAM – OFF SCAN LIST	<b>146.760 –OFFSET. SCAN PLAN FREQ</b> <b>TSQL 146.2 (R-CTCS) PL 107.2 (T-CTCS)</b> ←	<b>NON HAMS - USE CH 55 AND/OR CH 58 FOR EMERGENCY TRANSMIT WHEN YOU MEET FCC RULES (ABOVE).</b>
CH 56	<b>BLANK</b>	
CH 57 PROGRAM – OFF SCAN LIST	<b>147.165 + OFFSET SEE WARNING</b> <b>TSQL 88.5 (R-CTCS) PL 88.5 (T-CTCS)</b>	
<b>CH 58</b> ← PROGRAM – OFF SCAN LIST	<b>146.505 -SIMPLEX SCAN PLAN FREQ</b> ←	
CH 59 PROGRAM – OFF SCAN LIST	<b>147.030 + OFFSET SEE WARNING</b> <b>TSQL 88.5 (R-CTCS) PL 88.5 (T-CTCS)</b>	

**CHANGE: THE FOLLOWING IS AN IMPORTANT WARNING FOR CH 57 AND CH 59: LOCAL HAM CLUB (STARC) OWNS THE REPEATERS USING FREQUENCIES WHICH ARE PROGRAMED AS CHANNEL #57 AND CH #59. STARC RECENTLY (WITHOUT ANY NOTICE OR WARNING) BANNED ALL EMERGENCY TRAFFIC / CALLS BY ANYONE WHO IS NOT A LICENSED HAM ON SUCH STARC REPEATERS – AND ADVISED THEY WILL REPORT VIOLATIONS TO THE FCC.**

**[NOTE: THIS BAN ITSELF APPEARS TO VIOLATE FCC RULES].**

**ALSO, STARC HAS (WITHOUT ANY NOTICE OR WARNING) CHANGED POLICY AND ALLOCATED BOTH SUCH FREQUENCIES (INCLUDING 165) FOR GENERAL HAM TALK 24/7. AS SUCH, NEITHER CHANNEL IS SUITABLE FOR 24/7 MONITORING FOR EMERGENCY TRAFFIC (E.G., FOREST FIRES, EVACUATIONS, OFFICE OF EMERGENCY SERVICES EVACUATION ORDERS, ETC...).**

**ACCORDINGLY, NEITHER CH. 57 OR 59 ARE SER SCAN PLAN / SCAN FREQUENCIES AND NO PUBLIC SER NET ACTIVATIONS ARE TO TAKE PLACE ON SUCH FREQUENCIES.**

## FRS FREQUENCIES ← ADDED TO 20190715 VERSION

<b>CH 71</b>	PROG. OFF SCAN LST	<b>462.5625</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 72</b>	PROG. OFF SCAN LST	<b>462.5875</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 73</b>	PROG. OFF SCAN LST	<b>462.6125</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 74</b>	PROG. OFF SCAN LST	<b>462.6375</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 75</b>	PROG. OFF SCAN LST	<b>462.6625</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 76</b>	PROG. OFF SCAN LST	<b>462.6875</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 77</b>	PROG. OFF SCAN LST	<b>462.7125</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 78</b>	PROG. OFF SCAN LST	<b>467.5625</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 79</b>	PROG. OFF SCAN LST	<b>467.5875</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 80</b>	PROG. OFF SCAN LST	<b>467.6125</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 81</b>	PROG. OFF SCAN LST	<b>467.6375</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 82</b>	PROG. OFF SCAN LST	<b>467.6625</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 83</b>	PROG. OFF SCAN LST	<b>467.6875</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 84</b>	PROG. OFF SCAN LST	<b>467.7125</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 85</b>	PROG. OFF SCAN LST	<b>462.5500</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 86</b>	PROG. OFF SCAN LST	<b>462.5750</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 87</b>	PROG. OFF SCAN LST	<b>462.6000</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 88</b>	PROG. OFF SCAN LST	<b>462.6250</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 89</b>	PROG. OFF SCAN LST	<b>462.6500</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 90</b>	PROG. OFF SCAN LST	<b>462.6750</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 91</b>	PROG. OFF SCAN LST	<b>462.7000</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	
<b>CH 92</b>	PROG. OFF SCAN LST	<b>462.7250</b>	<b>NB CTCS</b>	<b><u>OUT ONLY</u></b>	<b>136.50</b>	

**RADIOS ARE FOR USE BY RESPONSIBLE ADULTS ONLY.  
KEEP YOUR RADIOS AWAY FROM CHILDREN. THE RADIOS ARE NOT TOYS.**