



Race Channels	Frequency	Offset Dir.	Offset	PL Tone (TX ONLY)
¹ Black Mountain (WB4IVB) PRIMARY	442.350	Positive	5 MHz	100.0
² Simplex 2 Meter feed to above repeater	146.505	Simplex	N/A	100.0
³ Whitesburg (K4TDO) Backup/ALT1	145.350	Negative	.600 Khz	186.2
⁴ GMRS CH 15 (EMS/FD/Res./HAM)	462.550	Simplex	N/A	N/A
⁴ GMRS CH 18 (EMS/FD/Res./HAM)	462.625	Simplex	N/A	N/A
⁴ GMRS CH 22 (EMS/FD/Res./HAM)	462.725	Simplex	N/A	N/A

1. Primary Race Day activity channel *****ONLY LICENSED AMATEUR RADIO OPERATORS*****
2. 2 meter simplex feed to Black Mountain repeater *****ONLY LICENSED AMATEUR RADIO OPERATORS*****
3. Whitesburg repeater will be cross banded to Black Mountain repeater *****ONLY LICENSED AMATEUR RADIO OPERATORS*****
4. EMS/FD/Res/HAM Interoperability will be accomplished via use of the three defined GMRS channel using license WRJB355 assigned to Roland Brown AF4Y. 50 watts max power for a mobile radio and 5 watts max for handheld radio. This will require your 2 meter and 70cm radio to be MARS modified for out of band transmission.

This plan will allow for users with 70cm and 2 Meter radios to talk to each other, users closer to Whitesburg with 2 meter radios may use Whitesburg repeater. Users with 2 meter radios closer to Cumberland may use Black Mountain simplex. 70cm radio users should use Black Mountain 70cm frequency regardless of location.