

Frederick County MD Radio Communications Plan	Date/Time Prepared 2024-09-24	Operational Period Start Date 2024-09-24	Operational Period End Date Until Superseded
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4. Basic Radio Channel Utilization
Mode: W= Wideband, N= Narrowband, D= Digital, M= Mixed

CH #	Function	Channel Name	Frequency	Tone/NAC	Mode	Assignment	Remarks
1	Primary ARES Repeater	W3FDK	RX: 146.730	141.3	FM	County Wide Coverage	Also Primary Skywarn; Echolink node 14613
			TX: 146.130				
2	Backup ARES Repeater	K3ERM	RX: 146.640	156.7	FM	County Wide Coverage	Voice and digital data allowed
			TX: 146.040				
3	Linked ARES, Events	N3ITA Frederick	RX: 442.800	79.7	FM	Local Events	Linked to K3KMA Thurmont and N3UHD Clear Spring 447.65(-) 79.7
			TX: 447.800				
4	Linked ARES, Events	K3KMA Thurmont	RX: 448.025	103.5	FM	Local Events	Linked to N3ITA Frederick and N3UHD Clear Spring 447.65(-) 79.7
			TX: 443.025				
5	Linked ARES, Events	N3KTX	RX: 53.470	107.2	FM	6 Meter local events	Linked: N3KZS Manchester 146.895 (+) 107.2 & N3ETH Gettysburg 447.675 (-) 107.2
			TX: 52.470				
6	CMRG – Frederick	N3ST Frederick	RX: 444.100	167.9	FM	State Wide Emergency Usage	Linked to Laurel, Aquasco, Suitland & Timonium
			TX: 449.100				
7	Simplex	ARES Simplex	RX: 146.580		FM	Local ARES Comms	
			TX: 146.580				
8	Vara FM Winlink	KF3AK-10	RX: 145.770		FM	Winlink via Vara FM	Digital data, Technician license or better
			TX: 145.770				
9	Vara FM Winlink	KF3AK-11	RX: 441.000		FM	Winlink via Vara FM	Digital data, Technician license or better
			TX: 441.000				
10	Simplex	GMRS/FRS Simplex channel 15	RX: 462.550		FM	Public use. GMRS use requires license, FRS does not require license	FRS 2W max, 12.5 kHz wide GMRS 50W max, 20 kHz wide
			TX: 462.550				
			RX:				
			TX:				
			RX:				
			TX:				
			RX:				
			TX:				

5. Prepared by (Communications Unit)
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Special instructions: All modes are FM Analog, except 2, 8, & 9 when using digital data modes. These are frequencies and modes to be used during exercise, event support, and emergency traffic in Frederick County, Maryland. In the absence of any declared emergency use, all frequencies may be used for normal radio traffic. Note that the N3ST linked repeaters may be used for short QSOs in the absence of emergency traffic; it is not authorized for exercise use.