

Radio Communication Plan, Region 3, CT				Date Prepared	Time Prepared	Incident Name/Number	Operational Period
				01-24-2020	09:33	General	As Needed
<b>Radio Channel Utilization – Regional Operations</b>							
System	Channel	Function	Frequency/Tone	Assignment		Remarks	
2 Meter FM Repeater		Tactical Net (Primary)	147.09, + 600 offset PL110.9, TS	Tactical/Activation Net for CT ARES Region 3 Emergency Operations		W1EDH Repeater Use when statewide net activated	
2 Meter FM Repeater		Tactical Net (Secondary)	147.345, + 600 offset PL151.4, TS	Tactical/Activation Net for CT ARES Region 3 Emergency Operations		KB1AEV Repeater System (see listing below) Use when no statewide net activated	
DMR Repeater		Tactical Net (Tertiary)	DMR Network (See Repeater information Below)	Tactical/Activation Net for CT ARES Region 3 Emergency Operations		Use CT-TAC3	
2 Meter FM Repeater		Resource Net (Local)	145.450, - 600 offset PL 127.3, TS	Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations		W1AW Repeater Newington	
2 Meter FM Repeater		Resource Net (Local)	145.230, - 600 offset	Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations		K1YON Repeater East Hartland	
2 Meter FM Repeater		Resource Net (Local)	145.685, - 600 offset PL 141.3, TS	Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations		W1DHT Repeater Bristol	
2 Meter FM Repeater		Resource Net (Local)	446.875, - 5000 offset PL 156.7, TS	Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations		K1KE Repeater Higganum/Middletown	
2 Meter FM Repeater		Resource Net (Statewide)	147.345, + 600 Offset PL151.4, TS	Statewide Enroute Tracking Net		KB1AEV Repeater	
2 Meter FM Simplex		Resource Net (Simplex)	146.430	Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations		2 Meter FM Simplex Backup to repeaters No tone or offset	

2 Meter FM Simplex		Out of Region Liaison (Simplex – Regions 1 and 5)	146.460	East Granby local net and Region 1 and 5 liaison	East Granby backup if there Is no repeater access
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Radio Communication Plan, Region 3, CT				Date Prepared	Time Prepared	Incident Name/Number	Operational Period
				1-24-2020	10:00	General	As Needed
<b>Radio Channel Utilization – Regional Operations</b>							
System	Channel	Function	Frequency/Tone	Assignment		Remarks	
2 Meter FM Simplex		Out of Region Liaison (Simplex – Regions 2)	147.435	Middletown local net and Region 2 liaison		Middletown backup if there is no repeater access	
2 Meter FM Simplex		Out of Region Liaison (Simplex – Regions 4)	146.445	Manchester local net and Region 4 liaison		Manchester backup if there is no repeater access	
DMR Repeater		Command Net (Statewide)	CSP DMR Network (See Repeater Information Below)	Section & District Emergency Coordinators, Assistants & Net Control Stations		Command, Control, & Coordination of ARES Resources & Response Use CT-Statewide	
2 Meter FM Packet		Packet Net (Primary)	145.090	Packet Net for Digital Message Traffic		W1EDH, Glastonbury	
2 Meter FM Packet		Packet Net (Secondary)	145.070	Packet Net for Digital Message Traffic		K1CRC-7, Burlington	
2 Meter FM Packet		Packet Net (Tertiary)	145.090	Packet Net for Digital Message Traffic		WA1ARC-7, Farmington	
2 Meter APRS		APRS Net	144.390	Automatic Position Reporting System (APRS) Network & Digital Message Traffic (limited)		2 Meter FM Simplex No tone or offset	
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**Radio Channel Utilization - Regional Operations**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
2 Meter FM Repeater		Skywarn Hartford and Tolland Counties	146.790, -600 offset PL 82.5, TS	Weather Net and Skywarn Activations	PVRA Repeater Vernon
HF		Operations (Primary)	3.915 LSB	American Red Cross	
HF		Operations (Secondary)	7.285 LSB	American Red Cross	



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**Radio Channel Utilization – National Traffic System**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
HF		NTS Traffic VOICE	3.973 LSB	CPN Statewide	Meets 18:00 Local Monday-Saturday
HF		NTS Traffic VOICE	3.965 LSB	CPN Statewide	Meets 10:00 Local Sunday
VOICE FM		NTS Traffic VOICE	145.41- PL 141.3	Region 3 VHF Wescon	PVRA, W1HDNVernon
VOICE FM		NTS Traffic VOICE	147.18 + PL 141.3	Region 3 VHF Wescon	PVRA, W1HDN Prospect
DIGITAL		NTS Traffic PACKET	145.050	Statewide NTS Packet	24/7/365 W1HAD-4
DIGITAL		NTS Traffic PACKET	145.090	Region NTS Packet	W1EDH Glastonbury

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**Radio Channel Utilization -Digital**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
Digital		Email Gateway	145.690	American Red Cross	Avon W1SP-4
Digital		Email Gateway	145.650	American Red Cross	Tolland W1SP-1
Digital		Email Gateway	145.510	American Red Cross	Newington W1AW-10
Digital		Winlink	145.510		Newington W1AW-10
Digital		Winlink	145.030		Rocky Hill N1OTW-10
Digital		Winlink	145.530		Tolland KB1AEV-10



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**Radio Channel Utilization – Simplex**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
VOICE FM		Simplex VOICE	146.415 - Alpha	Rocky Hill EOC	
VOICE FM		Simplex VOICE	146.430 - Bravo	Suffield EOC	
VOICE FM		Simplex VOICE	146.445 - Charlie	Manchester EOC	K9OEM
VOICE FM		Simplex VOICE	146.460 - Delta	East Granby EOC	KB1VBB
VOICE FM		Simplex VOICE	146.475 - Echo	Red Cross	WA1ARC
VOICE FM		Simplex VOICE	146.790 - Foxtrot	Simplex VOICE	
VOICE FM		Simplex VOICE	146.505 - Golf	Rocky Hill Region 3 EOC	
VOICE FM		Simplex VOICE	146.520	Simplex VOICE - NATIONAL	
VOICE FM		Simplex VOICE	146.535 - Hotel	Simplex VOICE	

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System	Channel	Function	Frequency/Tone	Assignment		Remarks	
VOICE FM		Simplex VOICE	146.550 - India	Wethersfield OES			
VOICE FM		Simplex VOICE	146.565 - Juliet	Simplex VOICE			
VOICE FM		Simplex VOICE	146.580 - Kilo	Red Cross			
VOICE FM		Simplex VOICE	147.420 - Lima	Ellington OES			
VOICE FM		Simplex VOICE	147.435 - Mike	Red Cross		Region 2 Comms	
VOICE FM		Simplex VOICE	147.465 - November	Simplex VOICE			
VOICE FM		Simplex VOICE	147.480 - Oscar	Simplex VOICE			
VOICE FM		Simplex VOICE	147.495 - Papa	Simplex VOICE			
VOICE FM		Simplex VOICE	147.510 - Quebec	Simplex VOICE			
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<b>Radio Channel Utilization – Simplex</b>							
System	Channel	Function	Frequency/Tone	Assignment		Remarks	
VOICE FM		Simplex VOICE	147.525 - Romeo	Simplex VOICE			
VOICE FM		Simplex VOICE	222.350	Simplex VOICE - NATIONAL			
VOICE FM		Simplex VOICE	446.000	Simplex VOICE - NATIONAL			
VOICE FM		Simplex VOICE	446.025 - Sierra	Simplex VOICE			
VOICE FM		Simplex VOICE	446.050 - Tango	Simplex VOICE			
VOICE FM		Simplex VOICE	446.075 - Uniform	Simplex VOICE			
VOICE FM		Simplex VOICE	446.100 - Victor	Simplex VOICE			
VOICE FM		Simplex VOICE	446.125 - Whiskey	Simplex VOICE			
VOICE FM		Simplex VOICE	446.150 – X-Ray	Simplex VOICE			
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**Radio Channel Utilization – Simplex**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
VOICE FM		Simplex VOICE	446.175 - Yankee	Simplex VOICE	
VOICE FM		Simplex VOICE	446.200 – Zulu	Simplex VOICE	



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<b>Radio Channel Utilization – Simplex Assignments</b>							
System	Channel	Function	Frequency/Tone	Assignment	Remarks		
VOICE FM		Region 3 EOC	146.505 – Golf	Simplex VOICE	Rocky Hill Veterans Hospital		
VOICE FM		East Granby EOC	146.460 – Delta	Simplex VOICE	KB1VBB		
VOICE FM		Ellington OES	147.420 – Lima	Simplex VOICE			
VOICE FM		Manchester EOC	146.445 – Charlie	Simplex VOICE	K9OEM		
VOICE FM		Red Cross	146.580 – Kilo	Simplex VOICE	WA1ARC Farmington		
VOICE FM		Red Cross	146.475 - Echo	Simplex VOICE			
VOICE FM		Red Cross	147.435 - Mike	Simplex VOICE			
VOICE FM		Rocky Hill EOC	146.415 – Alpha	Simplex VOICE			
VOICE FM		Suffield EOC	146.430 - Bravo	Simplex VOICE			
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**Radio Channel Utilization – Simplex Assignments**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
VOICE FM		Wethersfield OES	146.550 - India	Simplex VOICE	



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**Radio Channel Utilization – Linked Repeater Systems**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
<b>Reference For KB1AEV System</b>			147.345 (+600k) 151.4 TS Vernon 442.600 (+5M) 151.4 TS Vernon	Statewide Linked Network Statewide Linked Network	Select best frequency for your location
			224.360 (-1.6M) 151.4 TS Vernon	Statewide Linked Network	
			147.240 (-600k) 151.4 TS Torrington 442.250 (-5M) 173.8 TS Torrington	Statewide Linked Network Statewide Linked Network	
			147.270 (+600k) 151.4 TS Barkhamsted 444.650 (+5M) 151.4 TS Harwinton	Statewide Linked Network Statewide Linked Network	
			444.200 (+5M) 151.4 TS Meriden 224.800 (-1.6M) 77 TS Meriden	Statewide Linked Network Statewide Linked Network	
			441.800 (+5M ) 151.4 Somers	Statewide Linked Network	
			441.650 (+5M) 151.4 TS Watertown	Statewide Linked Network	
			442.750 + 77 TS Granville MA	Part Time Linked Network	





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**Radio Channel Utilization – Linked Repeater Systems**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
Reference For W1EDH System			147.030 (+) 110.9 Portland	Regional Linked Network	Select best frequency for your location
			147.090 (+) 110.9 TS Glastonbury	Regional Linked Network	
			444.625 (+) 110.9 TS Glastonbury	Regional Linked Network	
Reference For W1AW System			145.450 (-) 127.3 TS Newington	Regional Linked Network	Select best frequency for your location
			224.840 (-) 127.3 Newington	Regional Linked Network	Awaiting repair
			443.050 (+) 100.0 Newington	Regional Linked Network	Awaiting repair



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**Radio Channel Utilization - DMR Repeater System**

System	Channel	Function	Frequency/Tone	Assignment	Remarks
Reference for W1SP DMR Repeater System			446.4375 (-) CC1 Bloomfield	DMR Linked Network W1SP	Select best frequency for your location
			447.9750 (-) CC1 Hartford	DMR Linked Network W1SP	
			449.1250 (-) CC1 Glastonbury	DMR Linked Network W1EDH	
			442.1000 (-) CC1 Newington	DMR Linked Network W1AW	
			445.8875 (-) CC1 Somers	DMR Linked Network W1SP	
			443.9500 (+) CC1 Vernon	DMR Linked Network W1HDN	

