

| Radio Communication Plan, CT ARES - Region 3 | | | | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
|--|---------|--------------------------|---|--|---------------|--|--------------------|
| | | | | 06-01-2023 | 1000 | General | As Needed |
| Radio Channel Utilization – Regional Operations | | | | | | | |
| System | Channel | Function | Frequency/Tone | Assignment | | Remarks | |
| 2 Meter FM Repeater | | Tactical Net (Primary) | 147.090, + 600 offset PL 110.9, 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 PL 151.4, 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 | |
| 2 Meter FM Repeater | | Resource Net (Local) | 145.230, - 600 offset No PL | Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations | | K1YON Repeater East Hartland | |
| 2 Meter FM Repeater | | Resource Net (Local) | 146.685, - 600 offset PL 77.0, TS | Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations | | W1DHT Repeater Bristol | |
| 2 Meter FM Repeater | | Resource Net (Local) | 145.110, - 600 offset, PL 77.0, TS | Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations | | W1BRS Repeater Vernon | |
| 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 | | K1IKE Repeater Higganum/Middletown | |
| ICS 205 | Page 1 | | | Prepared By | | | |
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|--|---------|--|--|--|----------------------|--|
| | | | 06-01-2023 | 1000 | General | As Needed |
| Radio Channel Utilization – Regional Operations | | | | | | |
| System | Channel | Function | Frequency/Tone | Assignment | | Remarks |
| 2 Meter FM Repeater | | Resources Net (Local) | 146.820, - 600 Offset, No PL | Local Resource and Talk-in Net CT ARES Region 3 Emergency Operations | | W1CWA Repeater Avon |
| 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 Region 1 and 5 Liaison | | East Granby backup if there is no repeater access |
| 2 Meter FM Simplex | | Out of Region Liaison (Simplex – Regions 2) | 147.435 | Middletown Local Net 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 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 Repeater | | Skywarn Hartford and Tolland Counties | 146.790, - 600 offset PL 82.5, TS | Weather Net and Skywarn Activations | | PVRA Repeater Vernon |
| ICS 205 | Page 2 | | | Prepared By | | |
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| | | | 06-01-2023 | 1000 | General | As Needed |
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| 2 Meter FM Packet | | Packet Net (Primary) | 145.090 | Packet Net for Digital Message Traffic | | W1EDH, Glastonbury Emergency Power |
| 2 Meter FM Packet | | Packet Net (Secondary) | 145.070 | Packet Net for Digital Message Traffic | | K1CRC-7, Burlington Solar Powered No Message Forwarding |
| 2 Meter FM Packet | | Packet Net | 145.010 | Red Cross Farmington HQ CT RI Mailbox | | WA1ARC-7, Farmington No Auto Forwarding Emergency Power |
| 2 Meter FM Packet | | Packet Net | 145.030 | Packet Net for Digital Message Traffic | | KA1VSC-4, Glastonbury Auto NTS Message Format Forwarding |
| 2 Meter FM Packet | | Packet Net | 145.050 | Packet Net for Digital Message Traffic | | W1SP-4, Tolland Emergency Power |
| 2 Meter APRS | | APRS | 144.390 | Automatic Position Reporting System (APRS) Network & Digital Message Traffic (limited) | | 2 Meter FM Simplex No tone or offset |
| HF | | Operations (Primary) | 3.915 LSB | American Red Cross | | |
| HF | | Operations (Secondary) | 7.285 LSB | American Red Cross | | |
| ICS 205 | Page 3 | | | Prepared By | | |
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|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – National Traffic System

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------|----------------|-------------------|------------------------------------|---------------------|---|
| HF | | NTS Traffic VOICE | 3.973 LSB | CPN Statewide | Meets 1800 Hours Local Monday-Saturday |
| HF | | NTS Traffic VOICE | 3.965 LSB | CPN Statewide | Meets 1000 Hours Local Sunday |
| | | | | | |
| VOICE FM | | NTS Traffic VOICE | 145.410, - 600 offset, PL 141.3 | Region 3 VHF Wescon | PVRA W1HDN Vernon |
| VOICE FM | | NTS Traffic VOICE | 147.180, + 600 offset, PL 141.3 | Region 3 VHF Wescon | PVRA W1HDN Prospect |
| VOICE FM | | NTS Traffic VOICE | 146.685, - 600 offset, PL 77.0 | Region 3 VHF Nutmeg | ICRC/BRC W1DHT Bristol |
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|----------------|--------|------------------------------|
| ICS 205 | Page 4 | Prepared By |
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| | | | | |
|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – National Traffic System

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|---------------|----------------|--------------------|-----------------------|-------------------|--|
| DIGITAL | | NTS Traffic PACKET | 145.030 | Regional NTS BBS | KA1VCS-4 Glastonbury |
| DIGITAL | | NTS Traffic PACKET | 145.090 | Statewide NTS BBS | W1EDH-4 Glastonbury Emergency Power |
| | | | | | |
| DIGITAL | | Winlink | 145.690 | Winlink 2 Gateway | W1SP-5 Haddam Emergency Power |
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|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Digital

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------|----------------|-----------------|-----------------------|--------------------|--------------------------------------|
| Digital | | Email Gateway | 145.690 | American Red Cross | W1SP-4 Avon Emergency Power |
| Digital | | Email Gateway | 145.650 | American Red Cross | W1SP-1 Tolland Emergency Power |
| Digital | | Email Gateway | 145.510 | American Red Cross | W1AW-10 Newington |
| | | | | | |
| Digital | | Winlink | 145.530 | | KB1AEV-10 Tolland Emergency Power |
| Digital | | Winlink | 145.690 | | W1SP-5 Haddam Emergency Power |
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|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Digital

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------|----------------|-----------------|-----------------------|--|-----------------------------|
| DIGITAL | | Packet | 144.910 | Packet Communications Between Shelter and EOC | Assigned by DEC or Delegate |
| | | | 144.930 | | |
| | | | 144.950 | | |
| | | | 144.970 | | |
| | | | 144.990 | | |
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|----------------|--------|------------------------------|
| ICS 205 | Page 7 | Prepared By |
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| | | | | |
|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

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 | |

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|----------------|--------|------------------------------|
| ICS 205 | Page 8 | Prepared By |
| | | K1XFC – Philip Crombie – SEC |

| Radio Communication Plan, CT ARES - Region 3 | | | | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
|--|---------|---------------|--------------------|------------------------------|---------------|----------------------|--------------------|
| | | | | 06-01-2023 | 1000 | General | As Needed |
| Radio Channel Utilization – Simplex | | | | | | | |
| System | Channel | Function | Frequency/Tone | Assignment | | Remarks | |
| VOICE FM | | Simplex VOICE | 146.535 - Hotel | Simplex VOICE | | | |
| 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 | | | |
| ICS 205 | Page 9 | | | Prepared By | | | |
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| | | | | |
|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Simplex

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------|----------------|-----------------|-----------------------|--------------------------|----------------|
| VOICE FM | | Simplex VOICE | 147.495 - Papa | Simplex VOICE | |
| VOICE FM | | Simplex VOICE | 147.510 - Quebec | Simplex Voice | |
| 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 | |

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|----------------|---------|------------------------------|
| ICS 205 | Page 10 | Prepared By |
| | | K1XFC – Philip Crombie – SEC |

| | | | | |
|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Simplex

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------|----------------|-----------------|-----------------------|-------------------|----------------|
| 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 | |
| VOICE FM | | Simplex VOICE | 446.175 - Yankee | Simplex VOICE | |
| VOICE FM | | Simplex VOICE | 446.200 – Zulu | Simplex VOICE | |
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|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Simplex Assignments

| 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 | |

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|----------------|---------|------------------------------|
| ICS 205 | Page 12 | Prepared By |
| | | K1XFC – Philip Crombie – SEC |

| | | | | |
|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Simplex Assignments

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------|----------------|------------------|-----------------------|-------------------|----------------|
| VOICE FM | | Suffield EOC | 146.430 - Bravo | Simplex VOICE | |
| VOICE FM | | Wethersfield OES | 146.550 - India | Simplex VOICE | |
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| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Linked Repeater Systems

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|-----------------------------|----------------|-----------------|---|--------------------------|---|
| Reference for KB1AEV System | | | 147.345 (+ 600) 151.4 TS Vernon 442.600 (+ 5000) 151.4 TS Vernon | Statewide Linked Network | Select best frequency for your location |
| | | | 224.360 (- 1600) 151.4 TS Vernon | Statewide Linked Network | |
| | | | 147.240 (+ 600) 151.4 TS Torrington 442.250 (+ 500) 173.8 TS Torrington | Statewide Linked Network | |
| | | | 147.270 (+ 600) 151.4 TS Barkhamsted 444.650 (+ 5000) 151.4 TS Harwinton | Statewide Linked Network | |
| | | | 444.200 (+ 5000) 151.4 TS Meriden 224.800 (- 1600) 77 TS Meriden | Statewide Linked Network | |
| | | | 441.800 (+ 5000) 151.4 Somers | Statewide Linked Network | |
| | | | 441.650 (+ 5000) 151.4 TS Watertown | Statewide Linked Network | |

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|----------------|---------|------------------------------|
| ICS 205 | Page 14 | Prepared By |
| | | K1XFC – Philip Crombie – SEC |

| | | | | |
|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

Radio Channel Utilization – Linked Repeater Systems

| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---|----------------|-----------------|---|--------------------------|---|
| Reference for KB1AEV System (Continued) | | | 442.750 (+ 5000) 151.4 TS Granville MA | Part Time Linked Network | Select best frequency for your location |
| | | | | | |
| Reference for W1EDH System | | | 147.030 (+ 600) 110.9 Portland | Regional Linked Network | Select best frequency for your location |
| | | | 147.090 (+ 600) 110.9 TS Glastonbury | Regional Linked Network | |
| | | | 444.625 (+ 5000) 110.9 TS Glastonbury | Regional Linked Network | |
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|---|----------------------|----------------------|-----------------------------|---------------------------|
| Radio Communication Plan, CT ARES - Region 3 | Date Prepared | Time Prepared | Incident Name/Number | Operational Period |
| | 06-01-2023 | 1000 | General | As Needed |

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| System | Channel | Function | Frequency/Tone | Assignment | Remarks |
|---------------------------|----------------|-----------------|---------------------------------------|-------------------------|---|
| Reference for W1AW System | | | 145.450 (- 600) 127.3 TS Newington | Regional Linked Network | Select best frequency for your location |
| | | | 443.050 (+ 5000) 100.0 Newington | Regional Linked Network | |
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|--|---------|----------|---------------------------------|------------------------------|---------------|--|--------------------|
| | | | | 06-01-2023 | 1000 | General | As Needed |
| Radio Channel Utilization – Linked Repeater Systems | | | | | | | |
| System | Channel | Function | Frequency/Tone | Assignment | | Remarks | |
| Reference for W1SP DMR Repeater System | | | 446.4375 (-) CC1 Bloomfield | DMR Linked NetworkW1SP | | Select best frequency for your location | |
| | | | 447.9750 (-) CC1 Hartford | DMR Linked NetworkW1SP | | | |
| | | | 449.1250 (-) CC1 Glastonbury | DMR Linked NetworkW1EDH | | | |
| | | | 442.1000 (-) CC1 Newington | DMR Linked NetworkW1AW | | | |
| | | | 445.8875 (-) CC1 Somers | DMR Linked NetworkW1SP | | | |
| | | | 443.9500 (+) CC1 Vernon | DMR Linked NetworkW1HDN | | | |
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| | | | | | | | |
| ICS 205 | Page 17 | | | Prepared By | | | |
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