

York County Amateur Radio Emergency Service



Response Resource Manual (YCARES-RRM) 2nd Edition - 2/23/2017

Prepared By:
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Resource: Amateur Radio Communication Support Team (ARCST)

Category: EMA Communications Support

Kind: Team

Minimum Capabilities (Components)	Minimum Capabilities (Metric)	Type I	Type II	Type III	Type IV	Type V	Type VI
Personnel	Manning	4 Radio Operators 1 Unit Leader	3 Radio Operators 1 Unit Leader	2 Radio Operators 1 Unit Leader	1 Radio Operator 1 Unit Leader	1 Radio Operator (Fixed/Mobile)	1 Radio Operator (Portable)
Equipment	Communications	Mobile VHF/UHF amateur radio FM transceiver AC power supply Battery backup Dual band vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors Portable VHF amateur radio repeater AC power supply VHF vertical antenna	Mobile VHF/UHF or VHF amateur radio transceiver AC power supply Battery backup Dual band vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors Portable VHF/UHF or VHF amateur radio transceivers (4)	Mobile VHF/UHF or VHF amateur radio transceiver AC power supply Battery backup Dual band vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors Portable VHF/UHF or VHF amateur radio transceivers (3)	Mobile VHF/UHF or VHF amateur radio transceiver AC power supply Battery backup Dual band vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors Portable VHF/UHF or VHF amateur radio transceivers (2)	Mobile VHF/UHF or VHF amateur radio transceiver AC power supply Battery backup Dual band vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors Portable VHF/UHF or VHF amateur radio transceiver	Portable VHF/UHF or VHF amateur radio FM transceiver One spare rechargeable battery pack One alkaline battery shell Two changes of alkaline batteries 1/4 wave antenna for portable

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Equipment	Communications	Portable mast 50 feet of RG-8X or RG-58 with connectors Portable VHF/ UHF amateur radio FM transceivers (5) One spare rechargeable battery pack for each portable Battery charger for each portable One alkaline battery shell for each portable Two changes of alkaline batteries for each portable 1/4 wave antenna for each portable County VHF mobile transceiver AC power supply	One spare rechargeable battery pack for each portable Battery charger for each portable One alkaline battery shell for each portable Two changes of alkaline batteries for each portable 1/4 wave antenna for each portable County VHF mobile transceiver AC power supply	One spare rechargeable battery pack for each portable Battery charger for each portable One alkaline battery shell for each portable Two changes of alkaline batteries for each portable 1/4 wave antenna for each portable County VHF mobile transceiver AC power supply	One spare rechargeable battery pack for each portable Battery charger for each portable One alkaline battery shell for each portable Two changes of alkaline batteries for each portable 1/4 wave antenna for each portable	One spare rechargeable battery pack One alkaline battery shell Two changes of alkaline batteries 1/4 wave antenna for portable	

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Equipment	Communications	1/4 wave antenna for each portable County VHF mobile transceiver AC power supply VHF vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors County VHF portable transceivers (2) One spare rechargeable battery pack for each portable	VHF vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors County VHF portable transceivers (2) One spare rechargeable battery pack for each portable Battery charger for each portable HF amateur radio transceiver AC power supply	VHF vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors			

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Equipment	Communications	Battery charger for each portable Marine VHF transceiver AC power supply Marine VHF vertical antenna Portable mast 50 feet of RG-8X or RG-58 with connectors HF amateur radio transceiver AC power supply Antenna tuner	Antenna tuner HF multiband dipole antenna Portable mast 50 feet of RG-8X or RG-58 with connectors 3kW (or greater) generator				

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Equipment	Communications	Multiband HF dipole antenna Portable mast 50 feet of RG-8X or RG-58 with connectors 3kW (or better) generator					
Availability	Duration	Available for extended operations (greater than 1 week)	Available for extended operations (greater than 1 week)	Available for short duration operations (1 week or less)	Available for short duration operations (1 week or less)	Available for short duration operations (12 hours or less)	Available for short duration operations (12 hours or less)
Management Support	Coordination Capabilities	Incident staff capable of supporting the communications unit	Incident staff capable of supporting the communications unit	Incident staff capable of supporting the communications unit	Team management only	Single resource	Single resource

Comments:

Availability does not require continuous availability of specific personnel, only that the teams are available to those specifications. Personnel may be rotated in and out of specified team positions. Type IV, V, and VI are to serve as independent relay points. Type III teams are expected to support local level incident operations. Type II teams are expected to support local and regional incident operations with multiple agencies. Type I teams are expected to support regional incident operations with multiple agencies.