

Auxiliary Communications (AUXCOMM)

Training Course

Unit 10: Intrastate and Interstate Radio Networks



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Terminal Learning Objective Enabling Learning Objectives

- TLO:** Enable AUXCOMM personnel to plan, coordinate, and establish intrastate and interstate radio networks.
- ELO A:** Identify requirements for intrastate and interstate radio networks.
- ELO B:** Identify intrastate and interstate AUXCOMM planning and operations.



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AUXCOMM UNIT 10 - INTRASTATE AND INTERSTATE RADIO NETWORKS

Unit Introduction

- This unit describes Intrastate and Interstate radio communications among AUXCOMM personnel
 - Intrastate: Within the state
 - Interstate: State-to-State



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Intrastate Emergency Communications

- Auxiliary Communicators may be asked to provide emergency back-up communications when normal communications fail or falter.
- AUXCOMM's primary mission is not only to provide emergency communications "When all else fails..." The mission is much broader and inclusive.
- Every State EOC should have AUXCOMM personnel available to provide both statewide HF voice and digital networks.



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Intrastate Emergency Communications (Cont'd)

- It is desirable that each region within a state should have AUXCOMM resources available down to the county/city level if possible
- An AUXCOMM Committee should develop SOPs for the request, operation, and demobilization of auxiliary communications voice and data networks
- At the state level, the AUXCOMM Committee could be led by a state radio officer and/or other key AUXCOMM leadership as designated by the State Emergency Management Agency



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Intrastate Emergency Communications (Cont'd)

- Keep all potential AUXCOMM personnel continually informed via appropriate means.
- Plan for 24/7 operations with enough net control operators (recommend up to 3 deep per shift) and plan for an event that will last up to seven days
 - When conducting operations on HF bands, designate operators in different locations who can serve as relay stations or backup net control.
- Ensure all net control operators are trained and will be available to staff their assigned location during an event. Net control operators should not have other, possibly conflicting, duties.



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Intrastate Emergency Communications (Cont'd)

- Make sure all auxiliary personnel have taken care of their families **in advance** of an event
- Activate only when notified by an ACM, EOC, Incident Commander, COML, and/or in accordance with established SOPs



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Intrastate Emergency Communications (Cont'd)

- Develop and execute any necessary MOUs with area repeater owners **in advance** of an event
- Inform the AUXCOMM community of dates/times and frequencies of weekly nets/tests
- Document all weekly nets/tests by recording participants' callsign, location, start/ending time, and any other significant data



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Other Intrastate Considerations

- Volunteer for other non-emergency EOC events: festivals, sporting events, training exercises, concerts, parades, weather spotting, etc.
- The AUXCOMM planning committee should always solicit input from the entire AUXCOMM community and COMLs on how to improve communications
- Planning, developing, and executing emergency communications takes dedicated personnel



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Other Intrastate Considerations (Cont'd)

- The only thing voluntary about auxiliary communications is when you first join, and later if you decide to quit. Everything in-between is a commitment to serve the public safety and emergency management community.
- Auxiliary communicators are there to serve government agencies and the community, not themselves or their amateur radio organizations.



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Interstate Emergency Communications

- AUXCOMM interstate communications networks must be coordinated with all states concerned
- Each state will always have first priority for utilization and deployment of its AUXCOMM resources
- Regular and frequent training should take place between states
- Always involve appropriate state personnel (State Emergency Management Agency, COMLs, etc.) prior to working with other states



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Interstate Emergency Communications (Cont'd)

- Requirements for setting up interstate networks are the same as they are for intrastate networks
- Leverage opportunities to coordinate regular face-to-face meetings between AUXCOMM committee members from different states when possible
- Agreements and coordination with voice and digital modes of communications must be made for interoperability and deconfliction prior to any event



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AUXCOMM UNIT 10 - INTRASTATE AND INTERSTATE RADIO NETWORKS

Unit 10: Summary

- 1) Enabled AUXCOMM personnel to plan, coordinate, and establish intrastate and interstate radio networks
- 2) Identified requirements for intrastate and interstate radio networks.
- 3) Identified intrastate and interstate AUXCOMM planning and operations.



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