

Auxiliary Emergency Communications (AEC)

Training Course

Unit 8: Resources



Homeland Security

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Terminal Learning Objective Enabling Learning Objectives

TLO: At the conclusion of this unit, the student will identify additional resources to assist with preparing for and completing the function of AEC support.

ELO A: Describe additional available resources.



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Other Resources

- **NECP:** National Emergency Communications Plan
- **SCIP:** Statewide Communications Interoperability Plan
- **TICP:** Tactical Interoperable Communications Plan (State, region, and county)
- **CASM:** Communication Assets Survey and Mapping Tool



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Other Resources (Cont)

- **NIFOG:** National Interoperability Field Operations Guide
- **TICFOG:** Tactical Interoperable Communications Field Operations Guide
- **GETS:** Government Emergency Telecommunications Service www.gets.ncs.gov
- **WPS:** Wireless Priority Service www.wps.ncs.gov



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Other Resources (Cont)

- State, regional, and local equipment caches
- **EMAC:** Emergency Management Assistance Compact www.emacweb.org/
- National Preparedness
 - National Preparedness Goal
 - Guidelines



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Other Resources (Cont)

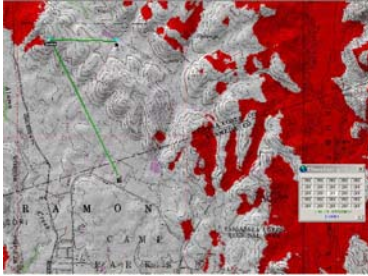
- Radio Propagation Software



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Other Resources (Cont)

- Radio Propagation Example



Other Resources (Cont)

- National Interagency Incident Communications Division

www.nifc.gov/NIICD/index.html

- NIICD document forms

www.nifc.gov/NIICD/documents.html

- SAFECOM

www.safecomprogram.gov

Other Resources (Cont)

- To create a mini logging recorder using a Scanner and PC:
wiki.radioreference.com/index.php/Recording_Software_and_Tips
- To get almost every frequency, PL and Talkgroup:
www.RadioReference.com
- Voice of America Coverage Analysis Program (VOACAP) Quick Guide:
www.voacap.com

Exercise 8-1: Wild Land Fire

Purpose

- The purpose of this exercise is to identify additional resources to assist with preparing for and completing the function of AEC support and the drafting of an ICS Form 205 to support the additional resources

Objectives

- List and describe needed additional AEC communication capabilities (voice and data)
- Draft an ICS Form 205 to support all AEC resources



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Scenario

- A wild land fire is threatening Central City and the Emergency Manager wants to establish communications to support Animal Rescue, EOC-to-State EOC, Hazard Assessment Teams and the Health Department (for Evacuation Centers)



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Exercise Instructions

- Review the exercise response and tasking information
- Break volunteers in small groups.
- Advise the groups of the exercise outputs

Outputs

- List and describe needed additional AEC communication capabilities (voice and data)
- Draft an ICS Form 205 to support all AEC resources

Duration: 1 hour



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Wild Land Fire Tasking

- Central City has activated its Emergency Plan and a COML is present at the County EOC
- The COML has called the County AEC Manager asking for the following support, including communications support for the EOC Director:
 - Provide support to the four Animal Rescue Teams and Animal Shelter to coordinate activities with the Shelter



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Wild Land Fire Tasking (Cont)

- COML's request (Cont)
 - Place a Communicator at the County EOC to provide a direct radio communications link to AEC Operators at the State Emergency Operations Center (SEOC)
 - Provide support to two Hazard Assessment Teams providing real time assessment of damages



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Wild Land Fire Tasking (Cont)

- COML's request (Cont)
 - Provide support between County EOC (Public Health Branch) and four Evacuation Centers located throughout the county
 - Provide support to two field Staging Areas to issue cache radios to first responders coming from neighboring counties



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Resources

- 15 AEC members serve Central City as licensed Amateur Radio operators, all with dual-band (VHF/UHF) radios and 1 portable data communications station
- Central City's EOC is equipped with two VHF and two UHF Amateur radio stations, plus two extra antennas/feed-line for both bands. EOC also has data communication capabilities



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Resources (Cont)

- Central City's Mobile Communications Unit (MCU) is equipped with two VHF and two UHF Amateur radio stations, plus two extra antennas/connector assortment for each, and has data communication capabilities. The vehicle has been driven to the top of High Hill and has a good overview of the entire county
- Animal Rescue and Hazard Assessment Teams, along with other functions, are being coordinated from the Central City MCU



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Resources (Cont)

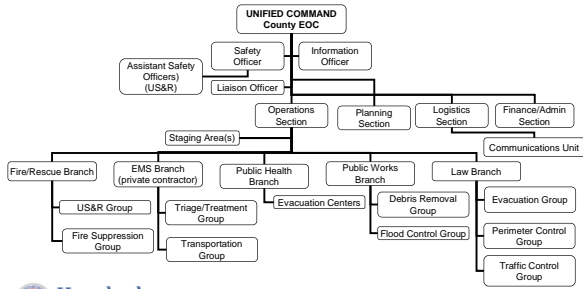
- Central City has two caches of 15 VHF portables each of the same model used by fire and police, typically used for special events. Each has a rechargeable battery plus AA battery clamshell for backup
- Radios are keypad programmable and equipped with National Interoperability channels, covering both Amateur and Public Safety bands



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Exercise 8-1: Wild Land Fire Organization Chart



Use this org chart as reference to support the incident

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Unit 8: Summary

- 1) Identified the additional available resources to assist with preparing for and completing the function of AEC Unit Manager.
- 2) Described additional available resources.
- 3) Participated in Exercise 8-1: Wild Land Fire.



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