

Amateur Radio for 21st Century Emergency Services

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Overview

- ❑ What can hams do for emergency management
 - ❑ What can emergency management do for hams
 - ❑ Has the role of amateur radio changed in the 21st century
 - ❑ How can we build stronger ties among various communities
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Opportunities touch every corner

- ❑ Pierce City tornado
 - ❑ Webbers Falls bridge collapse
 - ❑ Haley Zega search
 - ❑ November 30 snowstorms
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Volunteers: Positive & Negative

- ❑ Most are affiliated volunteers
 - ❑ Many will be spontaneous
 - ❑ Licensed but not necessarily experienced or skilled
 - ❑ Training and activities are the keys to preventing problems
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How we are divided

- ❑ By state lines & geography
 - ❑ By NOAA
 - Tulsa NWS / Springfield NWS / Wichita NWS
 - ❑ By FEMA
 - Region VI (AR-OK) / Region VII (MO-OK)
 - ❑ By ARRL
 - Four sections with different structures
 - ❑ By each other
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Why amateur radio is important

- ❑ Dispersed and decentralized
 - ❑ Point-to-point immediately
 - ❑ Point-to-many simultaneously
 - ❑ Installed base of equipment
 - ❑ Trained communicators
 - ❑ Technical independence
 - ❑ Technology innovators
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Advantages

- ❑ Golden hour / day response ability
 - ❑ Ability to cover remote areas
 - ❑ Operations off the grid
 - ❑ Multiple modes of operation
 - ❑ Flexibility to task
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What AmRad can do for you

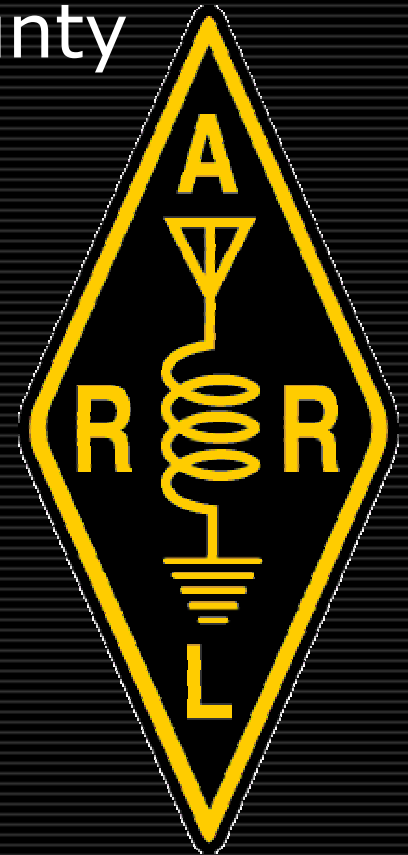
- New technologies
 - APRS
 - ATV
 - Weather data
 - Digital modes
 - WinLink email
 - Old technologies
 - Portable repeaters
 - CW and analog voice
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Breaking through barriers

- ❑ Past histories on both sides
 - ❑ Find common ground
 - ❑ Encourage club activity for social
 - ❑ But discourage club associations
 - ❑ Unify on the public service
 - ❑ Neutral training philosophies
 - ❑ Trust, but evaluate
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AmRad Volunteer Program

- ❑ Needs assessment for your county
- ❑ Find your EC leadership
- ❑ Recruiting – ongoing process
- ❑ Training programs
- ❑ Supervision
- ❑ Evaluation and feedback
- ❑ Investment in infrastructure
- ❑ Consider joining in



Washington County ARES

- ❑ County assets
 - Hardened and commercially serviced
 - Avoids the number one club issue
- ❑ Community participation
 - Open door to service minded
 - Team before me
- ❑ Training to task
 - Volunteer fire training model
 - FEMA steps



Building Trust on Both Sides

❑ Task of value to county

Advanced storm spotting role for Washington County

❑ Fulfillment of task by amateurs

Increased participation numbers and coverage

❑ Movement to next task

Back-up communications for Wash County EOC

❑ Recruitment for next tasks

Involvement of more and new ham radio operators

❑ Training and feedback

Weekly nets; FEMA, ARRL courses; local courses

Washington County ARES

- ❑ Increased participation
 - Field Day 2006
 - ❑ Three sites
 - ❑ ARKAN #1 2A in Ark. & #38 in the country
 - ❑ Wash Cty EOC #1 1F & #15 in the country
 - ❑ UA #2 1A in Ark. & #1 College club in country
- ❑ Increased training
 - County among state leaders based on population



Exercise Scheme for Washington County, Ark., ARES

- Orientation
- Drill – Field Day 2006
- Orientation
- Functional – SET 2006
- Assessment
- Training – Winter 2007
- Tabletop
- Drill – Field Day 2007
- Training Evaluation
- Enhanced Functional – SET 2007



Four County Participation

- ❑ Encourage coordination among districts and neighboring counties
 - ❑ Cross state lines for major events like Field Day and SET
 - ❑ Create lines of communication for support
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Questions

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