

<p style="text-align: center;"><b>COMMUNICATIONS PROCEDURES</b>  <b>800 MHZ REPEATER (A-16)</b>  <b>FIRE DIRECT (FDIRC B-16)</b></p>	<p style="text-align: center;"><b>ATHENS-CLARKE COUNTY</b>  <b>FIRE AND EMERGENCY SERVICES</b>  <b>DEPARTMENT</b>  <b>STANDARD OPERATING PROCEDURES</b>  <b>VOLUME 1</b></p> <p style="text-align: right;"><b>104.05</b>  <b>PAGE 1 OF 2</b></p>
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The objective of this communications guideline is to provide for effective fireground communication between the Incident Commander and units operating inside any structure that the 800 Mhz trunked system is ineffective, or at any scene outside the range of our trunked system (local towers).

**800 MHZ REPEATER (A-16)**

1. All Athens-Clarke County Fire and Emergency Services Engines, Haz-Mat 1, and Command Staff Vehicles have repeater radios.
2. Only one (1) repeater radio may operate on the fireground at any time. More than one will cause radio interference.
3. The Incident Commander will determine if it is necessary to activate the repeater system.
4. The Incident Commander must notify all units on the scene of repeater utilization.
5. The Central Communications Center cannot transmit or receive the repeater channel.

**OPERATION GUIDELINES**

1. The Incident Commander determines repeater use.
2. The Incident Commander must keep two (2) radios nearby at all times. One radio will be on repeater while the other one will remain on the normal channel. When a radio is on the repeater channel it will not scan.
3. The Incident Commander will advise all on-scene units to switch to "A- 16", this is the repeater channel.

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4. The Incident Commander will decide which repeater radio will be activated (i.e. E-21 or Car 31). Etc.
5. All radio traffic will follow normal radio procedures.
6. Units enroute to the scene will maintain their normal radio channels until they arrive at the scene. After arrival, they must switch to the repeater channel.
7. Continue to operate on the repeater channel until the incident is resolved.
8. The Incident Commander will give the order to switch to normal radio channels.
9. At the conclusion of the incident, all units will notify communication that they are on normal channels by communicating on that channel.

The repeater channel is an individual frequency and not a part of the 800 trunked system. The radio will only operate on the repeater or trunked system, not both. Therefore, the Incident Commander must have a radio to communicate with units on the scene and one to communicate with the Central Communications Center.

**FIRE DIRECT FDIRC (B-16)**

This channel is a failsafe option to allow for communications between portables in the event of a failure of the 800 Mhz trunking system, and a failure of the vehicle repeater system (A-16). Units can transmit to each other on Fire Direct, FDIRC (B-16) at low power, 5 watts, without the reliance of any other equipment. This should be a last resort option, since it will have limited range comparatively.