



**TRAINING TOPIC**

**Conventional Mode: Switching Between Direct & Repeat**

April 2007

**XTS 3000 & 5000 PORTABLE RADIOS**

1. Switch the radio to the Conventional (CNV) zone.
2. Choose the appropriate talk group (e.g. ICALL, ITAC3, etc.).
3. If you see a horizontal arrow on the display, then you are in Direct (non-repeater) mode.
4. To change between direct and repeat mode, from the main display press the button marked with a dash (-) or two dots (..) under the word DIR. The display will switch to identify the mode (e.g. Direct or Repeat) that you are currently in. Press the appropriate button under the words DIR to switch to Direct (non-repeat) mode or RPTR to switch to Repeater mode. The radio will automatically return to the main display.
5. If you the word DIR does not appear in the main display while in the Conventional (CNV) zone, then that channel does not have the ability to transmit in repeater mode (direct/car-to-car only).

**W9 MOBILE RADIOS**

1. Switch the radio to the Conventional Zone (CNV) using the Zone Up/Down buttons on the front of the radio.
2. Change channels by using the Mode Up/Down buttons.
3. To change between direct and repeat operation, press the DIR button on the front of the radio (on the top left above the display on the large W9 control head or on the keypad of the smaller W7 control head). When the light under the button is illuminated (or the word DIR) appears, you are in direct (car-to-car) mode.

**USE OF CONVENTIONAL FREQUENCIES**

FIREMARS, ICALL and ITAC channels can be used outside of the RCS coverage area. CARS 1-4 and all other RCS specific conventional frequencies CANNOT be used outside the RCS coverage area.