

2009 City/County RACES & MOU ACS Exercise

SSTV/ATV Operations Plan

October 3, 2009

The annual City/County RACES & MOU ACS exercise is Saturday, October 3, 2009, starting at 0900 and ending at 1100. This is the operations plan for those who will participate with ATV and/or SSTV.

Objective: The exercise will identify SSTV/ATV video paths between city and County EOC's, required antenna and transmitter power levels for providing P4 or better video to receiving stations, and a means to promote both SSTV/ATV capabilities and methodology for multiple city operations during major events.

Overview: The exercise will start at 0900 hours and end at 1100 hours. Operations will be conducted on 449.180(-) 107.2 Hz for SSTV signals and on 426.25 Simplex for ATV video signals. We will use 144.345 MHz simplex for ATV and SSTV to coordinate transmissions.

Cities desiring to use ATV and or SSTV shall contact OCRACES at about 0900 on the 144.345 MHz simplex to indicate their participation.

Each participating city should:

- a. Provide video from a field site of their choice and send video to their EOC and County EOC when directed by the OCRACES net control operator; and
- b. Have the capability to transmit video from inside their EOC for the purpose of showing their receiving station or their EOC operations board.

The OCRACES ATV/SSTV net control operator will direct/coordinate each participating city "ON" and "OFF" air time operations on 144.345 MHz in order to limit interference to other stations.

One of the purposes for this exercise is to identify which cities can receive adjacent city ATV/SSTV video operations and to identify if multiple ground level signals can co-exist without causing interference to other users. Although this exercise is simplistic in nature, it will provide the basic foundation for using SSTV/ATV during an actual event.

Each city will assign their camera operators using 144.345 MHz for both ATV and SSTV operations to a field site (preferable at one of their four corners of their city limits). At the completion of their assignments, they will notify the OCRACES net control operator of such and return the net to the OCRACES net control operator.

NOTE: Each city is to log which city EOC's and field operators they hear or see during the drill. Please include picture quality P-code. A videotape of your activity would be helpful also.

OCRACES net control operator will request each City in rotation to:

1. Send SSTV/ATV signals to their city EOC
2. Send SSTV/ATV signals to County EOC
3. Send a SSTV/ATV signals to each participating city EOC.

Each participating city at the request of the OCRACES net control operator is to simultaneously send video to their EOC while OCRACES EOC tries to monitor each feed selectively.

SSTV Operation Notice: Before sending SSTV on 449.180 MHz, always say your station call sign before sending video as per the FCC regulations.