

WHAT IS A "SHADOW"?

A shadow is an Amateur Radio Operator who accompanies an official during an event. A shadow operator may be on-foot or mobile.

CONCEPT:

- The purpose of the shadow is to allow constant contact with some person who is important to the event operation. Thus the amateur operator **MUST** remain in the immediate vicinity of the person shadowed **AT ALL TIMES**.
- Because the person being shadowed will usually be involved in some important activity, the shadow should be mostly unobtrusive in the vicinity of the person, interjecting only when communications is needed.

RESPONSIBILITIES/DUTIES:

- Communications
 1. The shadow operator must remain with the person being shadowed at all times. In addition, the amateur must monitor the radio **AT ALL TIMES**.
 2. Operator is expected to take direction from the event communications coordinator during his shift.
 3. The shadow may operate other radios as well, such as the event furnished radio and cellular telephone.
- Shift Duration. Most event operations have duration's of 12 hours or less. This time may vary depending on the actual needs of the operation.
- The operator shall be in good physical condition. The amateur operator must be able to walk and sometimes run long distances with the official.

EQUIPMENT REQUIREMENTS:

- The shadow shall furnish the following equipment when reporting for duty:
 1. Hand-held, 2 meter, 3-5 watt output, synthesized transceiver with programmable CTSS encoder. (Note Cross band, dual band, 2 meter-440 radio recommended and will be required in the future.)
 2. Ear piece or headphones for HT, or speaker-mike.
 3. 5/8-wave, mag-mount antenna with 15 feet coaxial cable and extendible pull-up or gain antenna for the HT, as well as the regular HT rubber duck antenna.
 4. Mobile 2 meter radio for easy installation in a vehicle, including mag-mount antenna . Alternative: mobile booster amplifier. An external antenna with a long cord is also required. Some shadow functions may be mobile. (The 2 meter-440 note above also applies). Large capacity battery power should be considered since some vehicles will not have access to vehicle battery.
 5. Spare batteries for 12 hours operation.
 6. Power adapter connectors -- both cigarette lighter and clip-lead for direct battery connection with cables at least 10 feet long. Recommended: RACES compatible connectors.

This equipment set is considered Resource Type .

Adapted from RACES by N5TIM