

## Recommended Supplies and Equipment for Public Service Events by Bruce Pigott KC1US

These specialized versions of ready to go kits, are based on participating in planned events of limited duration in a defined area. The lists reflect an increasing level of event duration or complexity and build on the previous one. Different seasons, locations or activities will require making additions to these lists. Some of the equipment is to help the event organizers with their set up. Not included are items you normally carry daily. These supplies and equipment are meant to support you, while you are doing event communications support.

**Minimum level:** for short events of less than four hours duration.

**Radio Equipment needed:**

2 meter radio (2.5W min. output) programmed with event channels and **operating manual**  
2000 mAh of battery capacity  
low loss antenna (15 inches min.)  
external microphone  
headphones or earphone  
name and call sign badge  
club identification

**Personal items:**

small carrying pack  
brightly colored hat or vest  
sunscreen  
wind shell/rain gear  
warm gloves and hat  
knife/multitool  
paper, pens, wide felt marker  
equipment checklist

**Extra items:**

additional apparel  
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**Event procedures with frequency and channel designations**

**Next level:** for extended events.

5W dual band radio with **operating manual**  
or dual band mobile rig with cross band capability  
3000 mAh of battery capacity at 5 Watts  
AA cell holder plus alkaline cells  
event map plus area maps  
trash bags, large and small  
FRS radio

transparent tape and electrical tape  
rope or strong twine  
pliers/ 5 inch diagonal cutters/ adjustable wrench  
screwdrivers – flat blade and Phillips  
water/food – snacks/juice/fruit/Clif Bars/muffins  
cooler  
folding chair

**Next level:** for a mobile assignment.

extended duty hand held or mobile radio  
10Ah battery for mobile radio  
power outlet cord to radio power plug  
multiple power outlet adapter  
large alligator clips to radio power plug cable  
power cords with Powerpole® connectors  
Personal Navigation Device with points of interest and "Where Am I" features

1/2 wavelength mobile antenna, magnetic or mirror mount  
tape and magnetic mounting plate for non ferrous vehicle  
hand held radio to mobile antenna cable adapter  
UHF f to BNC m adapter (UG255) or UHF f to SMA m  
UHF m to BNC f adapter (UG273) or SMA m to BNC f  
event map plus area maps

The all purpose repair kit: Tie wraps, gaffer's tape, heat shrink tubing

These items are just a starting point. Build your own list with items you are comfortable with and know how to use. Have back up equipment available to allow operating the full event duration.