



**Town of Huntington**  
**Radio Amateur Civil Emergency Service (RACES)**  
**Amateur Radio Emergency Service (ARES)**



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## EOC Equipment

Dr. John A. Allocca, WB2LUA 8/2/07

1. A VHF/UHF station operating a local net.

VHF/UHF radio	Yaesu FT-8800R VHF/UHF radio	\$400
Power Supply	Samlex SEC-1223 23 amp switching power supply	\$100
VHF/UHF antenna	Diamond X50A	\$100
Antenna cable (100')	Cable Experts RG8X with PL259ST installed	\$60
Mast and brackets	Radio Shack Steel Mast and Brackets	\$100

2. A VHF/UHF station participating in the Suffolk County net.

VHF/UHF radio	Yaesu FT-8800R VHF/UHF radio	\$400
Power Supply	Samlex SEC-1223 23 amp switching power supply	\$100
VHF/UHF antenna	Diamond X50A	\$100
Antenna cable (100')	Cable Experts RG8X with PL259ST installed	\$60
Mast and brackets	Radio Shack Steel Mast and Brackets	\$100

3. A VHF/UHF station operating a packet net.

VHF/UHF radio	Yaesu FT-8800R VHF/UHF radio	\$400
Power Supply	Samlex SEC-1223 23 amp switching power supply	\$100
VHF/UHF antenna	Diamond X50A	\$100
Antenna cable	Cable Experts RG8X with PL259ST installed	\$60
Mast and brackets	Radio Shack Steel Mast and Brackets	\$100
TNC	Kantronics KPC3 plus TNC	\$200
Laptop computer	Dell Latitude 510	\$1,000
Printer	Hewlett Packed 3650 color printer	\$100

4. An HF station to provide long distance communications in voice, psk, winlink 2000

HF radio	Kenwood TS-570D HF Radio	\$1,000
Power Supply	Samlex SEC-1223 23 amp switching power sup	\$100
HF antenna	Cushcraft MA5V (10-20 meters)	\$400
Antenna cable	Cable Experts RG8X with PL259ST installed	\$60
Mast and brackets	Radio Shack Steel Mast and Brackets	\$100
Sound Card interface	Rigblaster sound card interface	\$150
Pactor Modem	SCS PTC-IIex Pactor II/III modem	\$1,100
Laptop computer	Dell Latitude 510	\$1,000
Printer	Hewlett Packed 3650 color printer	\$100

## 5. Miscellaneous Items

- 2 Marine Deep Cycle 12 volt batteries
- 12 volt deep cycle battery charger
- 375 watt inverter
- Koss QZ/99 headphones
- 120 volt AC cables
- 2 suppressor AC outlet strips
- RigRunner 4008 Anderson Powerpole 8 x 12 volt strip
- Clock
- Tools and tool box
- Flash lights and batteries
- 2 desk lamps with 15w compact fluorescent bulbs
- 0 – 15 volt panel meter
- AM/FM broadcast band portable radio
- MFJ-259B Antenna Analyzer
- First Aid Kit
- 2 Hard hats
- 2 Tyvec Suits
- 2 Fume masks
- 6 work gloves
- Stationary supplies
- Paper cups
- Paper towels
- Towels
- Rain gear
- 4 - 72 inch table
- 8 - chairs
- Accessory cables, connectors, fuses, etc.

### Definitions:

Voice – Voice communications is self explanatory.

Packet – Packet is a digital mode that uses a VHF/UHF radio and a computer to send and receive lists of information over short distances. Packet was the predecessor of email and the internet.

PSK31 is a digital mode that uses an HF radio and computer to send and receive written information over long distances.

Winlink 2000 is a digital mode that uses an HF radio to send and receive regular email messages via radio to a long distance station that is connected to the internet. Then end user does not require a radio, only an internet connection. This method is also fairly secure and the user must be registered and approved in advance to use it.