

AMATEUR RADIO “GO KIT”

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What Is A 'Go kit' ?

- A Go-Kit is made up of a portable "Amateur radio" station and assorted personal gear that can quickly be assembled to respond to a "Call To Service". What the kit will consist of depends on the type of incidents being responded to and potential extent of the events.

Being Prepared and Equipped to serve, enables rapid deployment

What Is In A "Go Kit"?

- The best kit for you may not fit a "canned" list, but should be based upon your operating mode, experience and local conditions.
- A typical "go" kit should sustain a day of continuous operation and be easily supplemented for overnight or weekend trips. The bare essentials are a 2-meter or dual-band radio, some sort of "gain" antenna, auxiliary power source, writing materials, comfort and safety items. You can do a lot with a minimum kit, if you plan its contents carefully. There is risk of not having something you may need if you go "too" light, but obvious "bells and whistles" should stay home.
- A Go-Kit radio is usually capable of more transmitter power than a HT. It is good practice to use no more transmitter power than required, but it is also necessary to have enough power available to complete the communications. The additional transmit power does not have to be utilized, but if needed, it is there.
- The ARRL ARES Field Resources Manual provides excellent guidance on "Go" kits.

Go Kit Radio Items

- A mobile radio with switching power supply or an HT, Dual Band is recommended. Mono-Band OK.
- Magnetic-mount antenna for your radio and BNC, SMA, PL-259, SO-239 adapters for your radio to connect to your antenna.
- Emergency power for your mobile radio (gel-cell battery)
- The dry cell battery pack and 2 extra sets of batteries for your HT.
- The car and wall charger for the HT.
- The radio manuals or a cheat sheet.
- A headset with mike – can keep both hands free. Don't disturb others
- A notebook, clipboard or logbook.
- Several pens and pencils.
- A copy of your Amateur Radio License as well as your Drivers license.
- Your "favorite" pain relievers as well as any prescribed medications.
- A multi-tool like Gerber or Leatherman or a Swiss Army knife. Get a good one. Lesser brands are not reliable. Any special size tools your radio uses like tiny screwdrivers, etc.
- A basic first aid kit

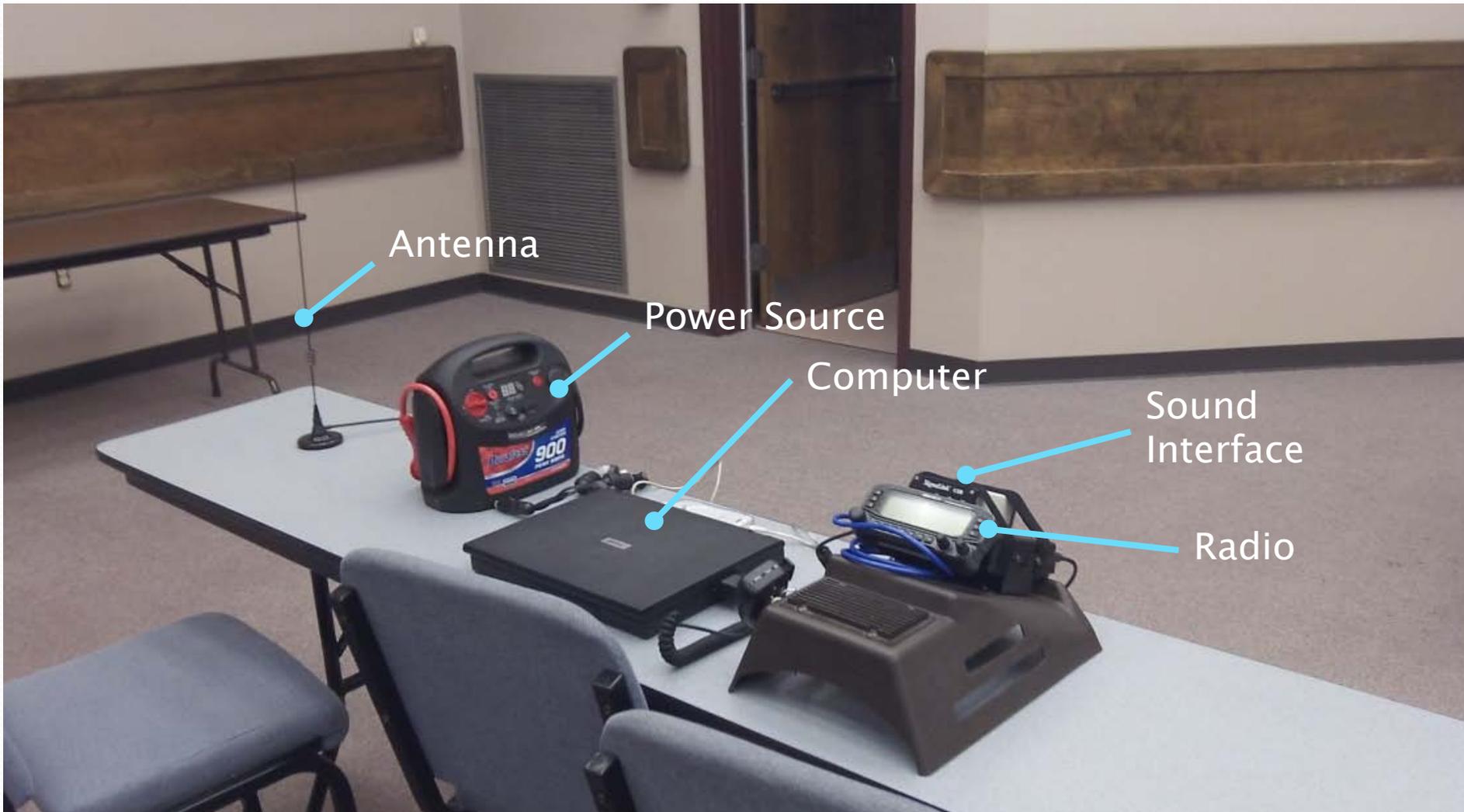
Typical Go Kit

picture Courtesy KE7HLR



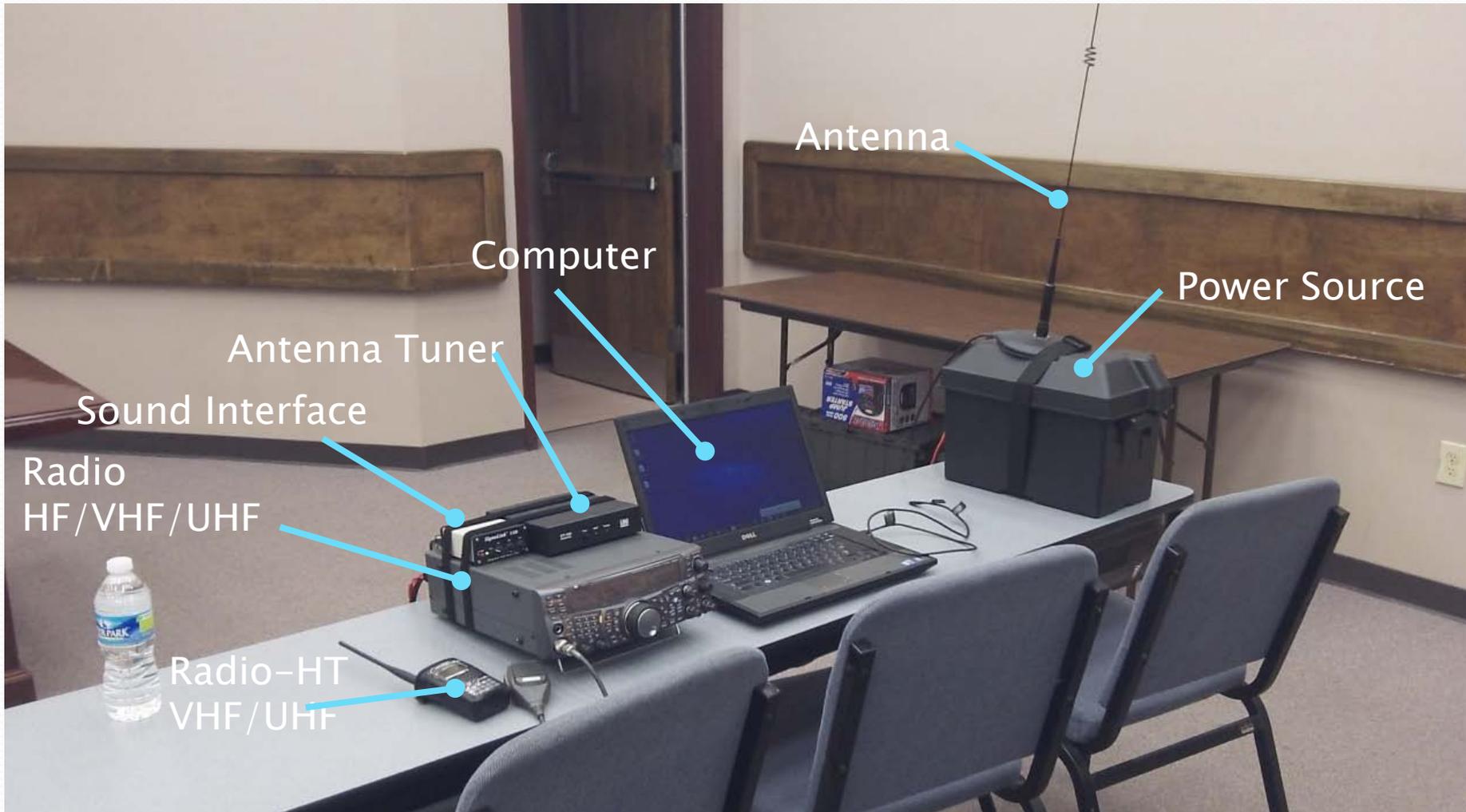
Go kit examples

N4CZ – Go Kit



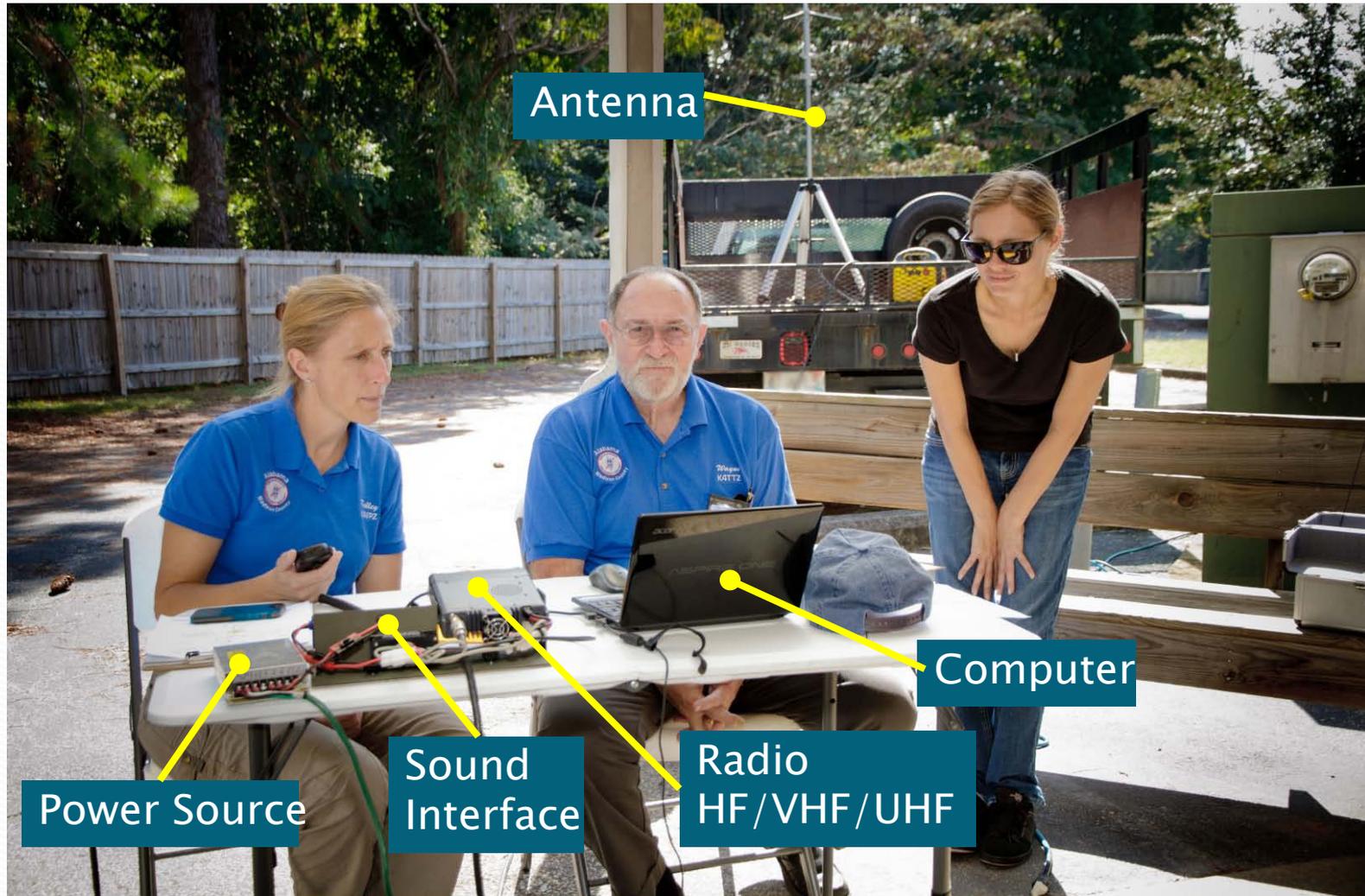
Go kit examples

N4CZ – Go Kit



Go kit examples

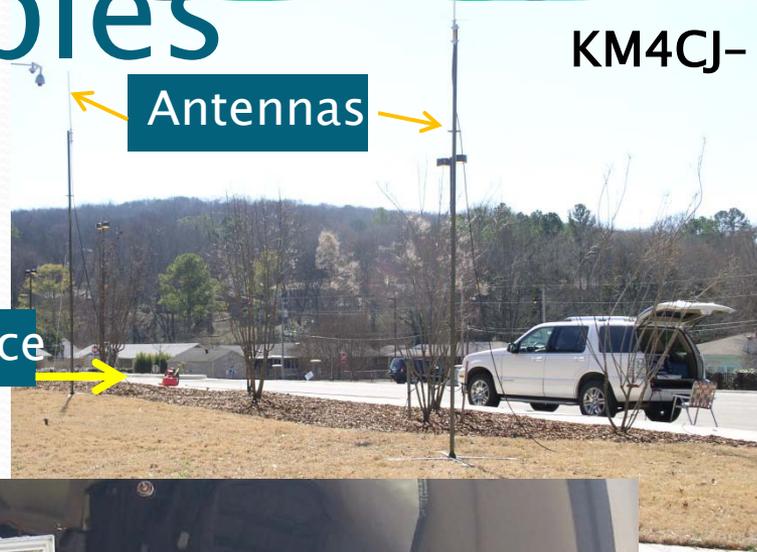
K4TTZ – Go Kit



Kelley Johns K4VPZ, Wayne Reed K4TTZ, and Jessica Rasche (Crisis Services) operate at Crisis Services of North Alabama

Go kit examples

KM4CJ- Go Kit



Antennas

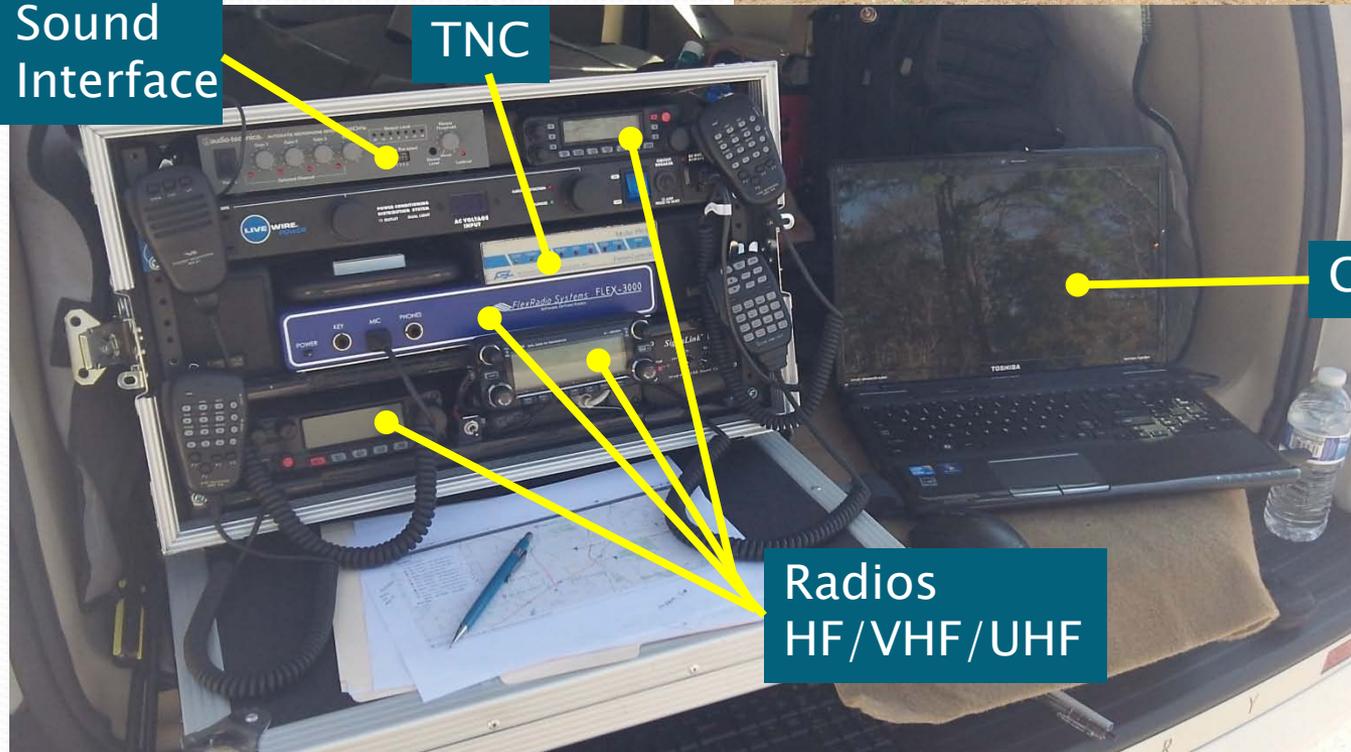
Power Source

Sound Interface

TNC

Computer

Radios
HF/VHF/UHF



Go kit examples

From the Web



Go kit examples

Michael Fontana N1RFD



Go kit examples

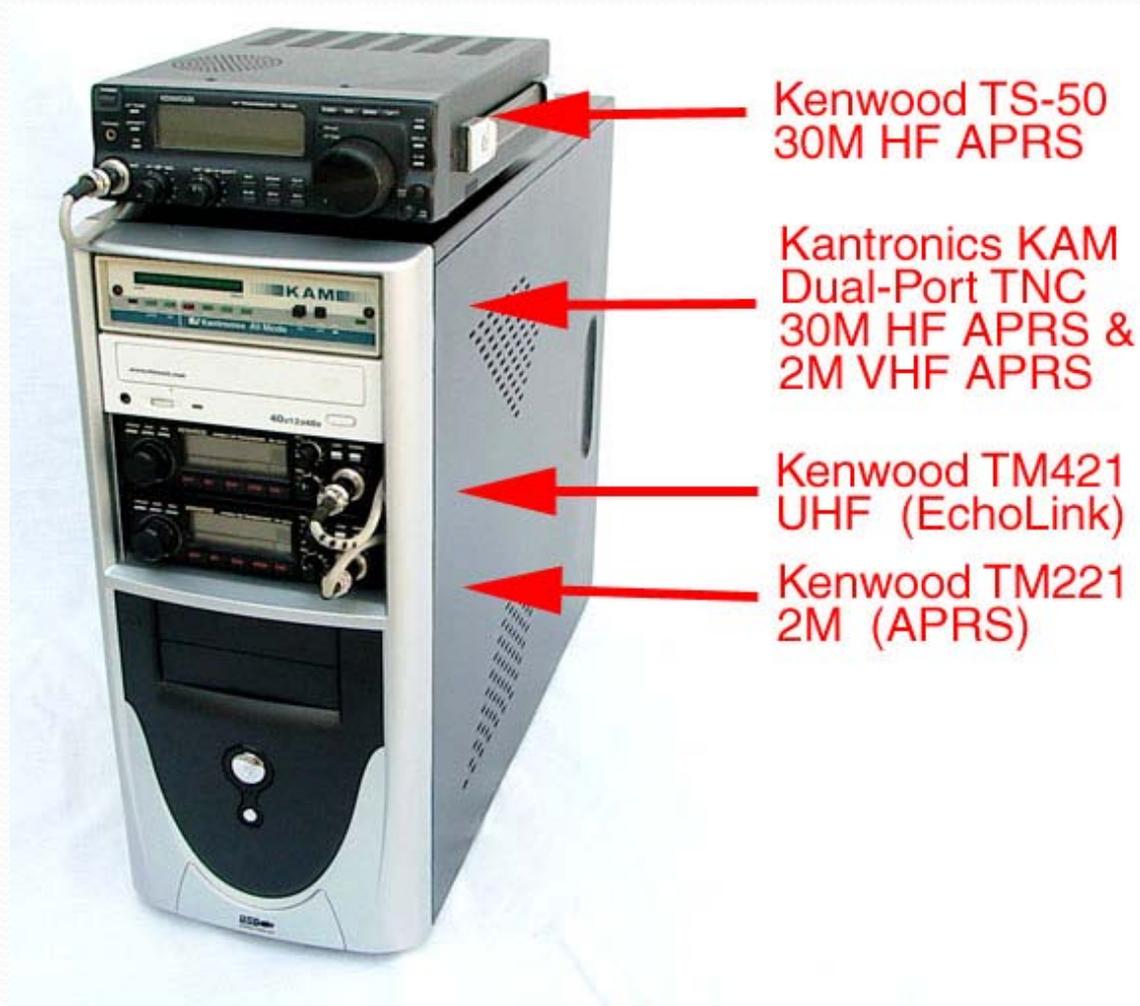
From the Web



Go kit examples



Go kit examples



Ultimate Go-Kit



Not So Ultimate Go-Kit



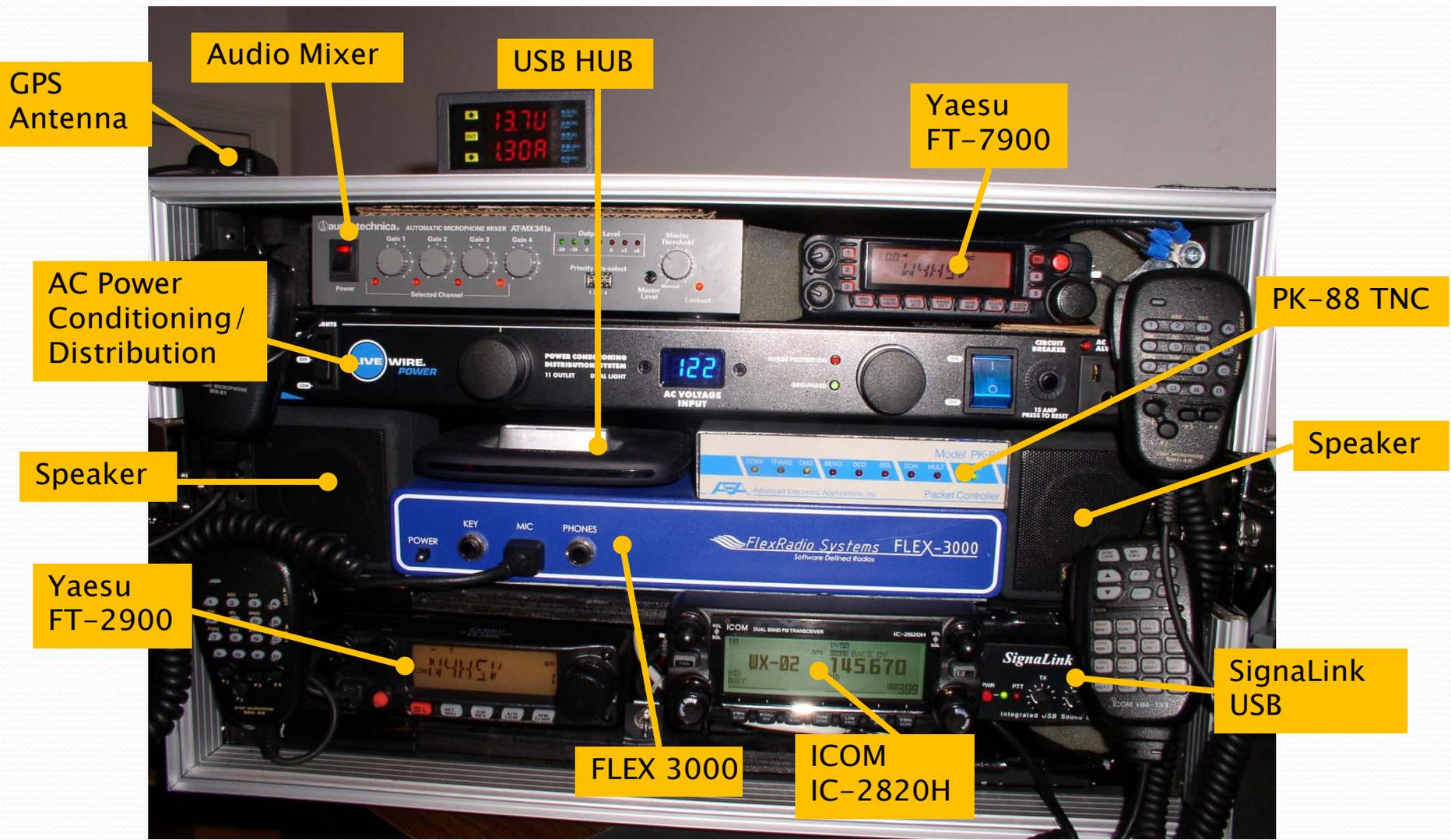
KM4CJ Go Kit Details



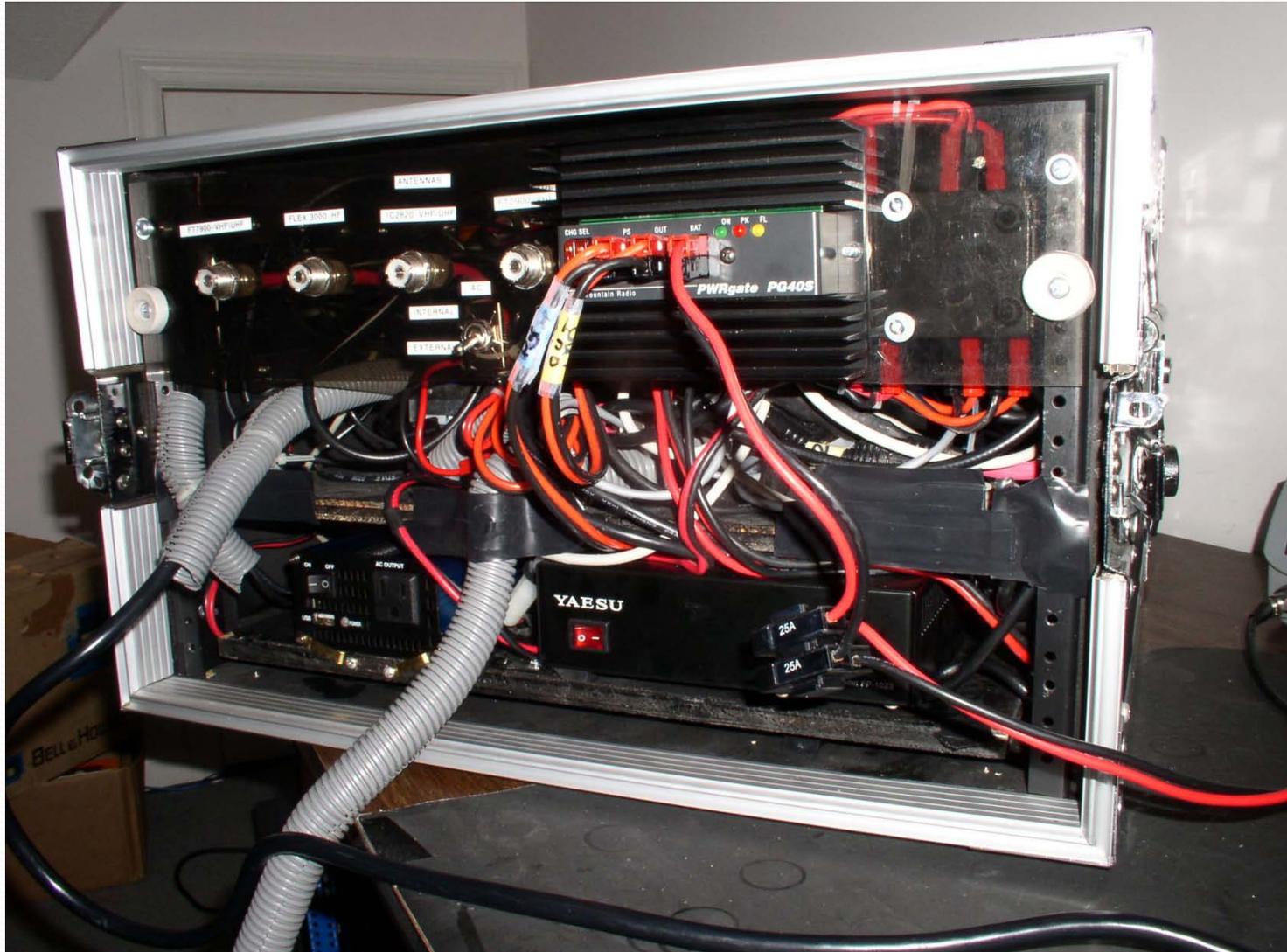
KM4CJ Go Kit Details – Front



KM4CJ Go Kit Details – Front Major Components

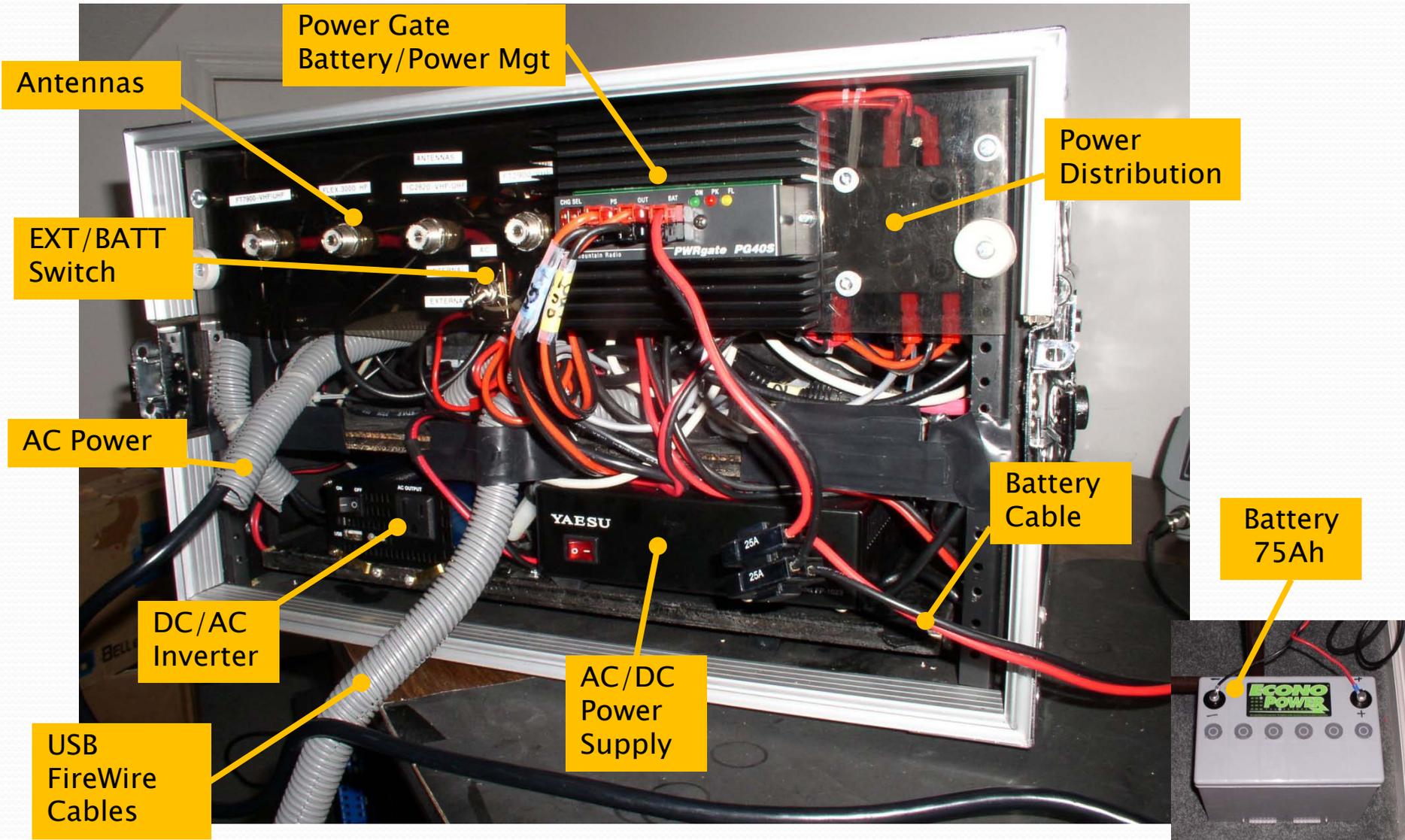


KM4CJ Go Kit Details –Back

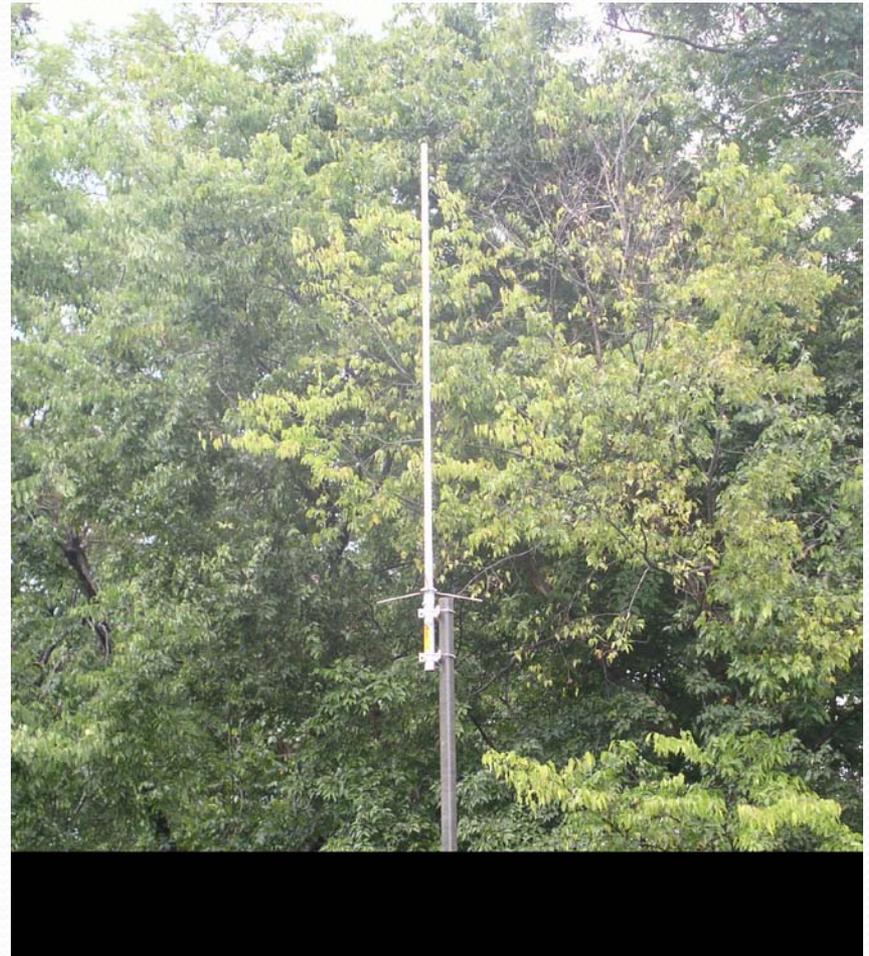


KM4CJ Go Kit Details – Back

Major Components



VHF/UHF Antennas



Deployment Examples



ARES/RACES SET 2012
Red Cross



ARES/RACES SET 2013
Red Cross

Deployment Examples



**ARES/RACES Deployment Exercise 2014
Blossomwood Elementary School**

Go kit is an integral part of my shack



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Questions?