# THE BLACKSTONE VALLEY AMATEUR RADIO CLUB PRESENTS THE CONSORTIUM

**GETTING STARTED IN HF** 

BUILDING YOUR FIRST HF RADIO STATION

#### **GOALS:**

To teach the benefits of HF operation

Help you build an effective HF station and antenna system

Teach "best practice" operating skills

# The instructors for most sessions will be W1YRC Bob and K1GND Jim.

From time to time, we will utilize guest HAMS who are subject matter specialists for more advanced operating techniques.

Some of the class material will be held at an instructor's shack when feasible.

Some classes are planned to be presented as actual field operations similar to what would be a "Field Day" exercise.

All the Power Point presentations will be available on the BVARC web site (www.w1ddd.org)

The material presented will be aimed toward people building their first HF station and operating on the HF bands for the first time. The topics will include basic SSB, CW and Digital operating techniques.

Learning about electronic logging and other available ham radio software.

QSLing and how it is accomplished in the internet age.

How to stay in compliance with rules and regulations.

# Topics for discussion will also include such subjects as:

How to choose your first HF radio

Simple antennas that work

Cables and controls

Safety

Although subjects will be geared toward those amateurs who have decided to take the first step toward getting "on the air", we will include some material for those that have HF experience.

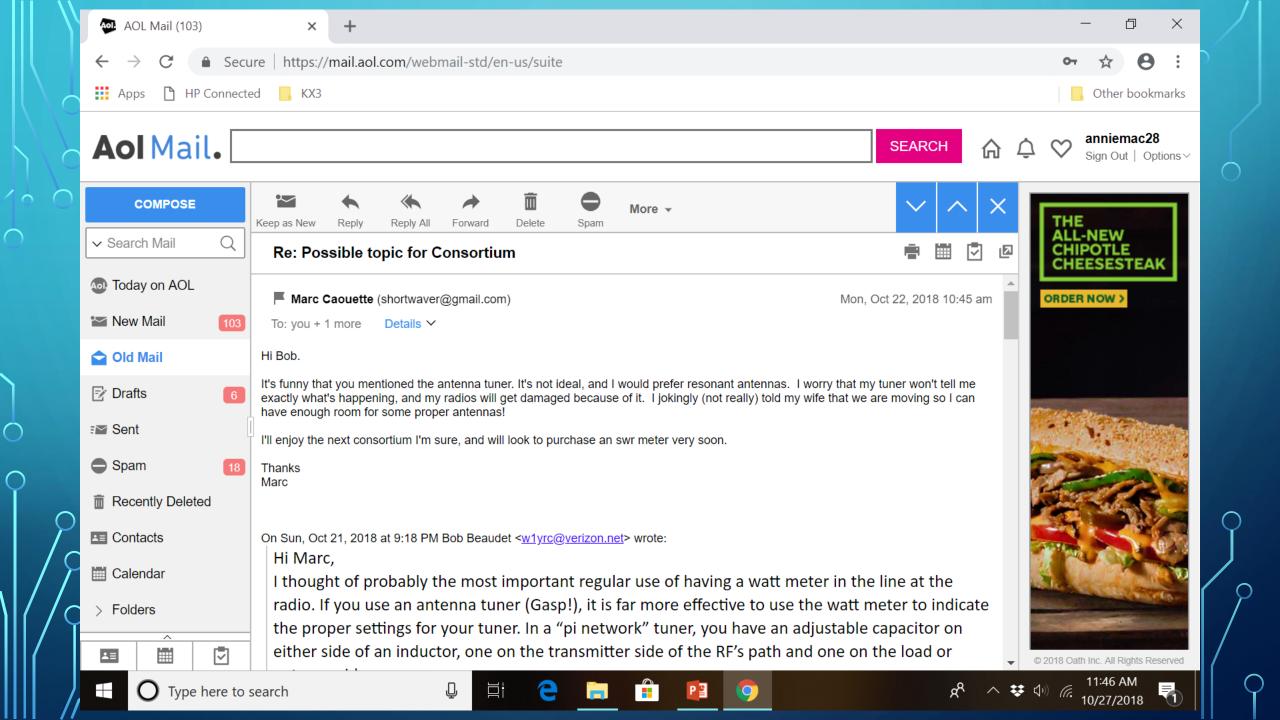
The CONSORTIUM goal is:

getting the newer HAMS started on the HF bands.

# Getting answers with email questions

The instructors encourage each of you to email your questions and/or comments to them so topics for future **Consortiums** can be added or improved. For example.......





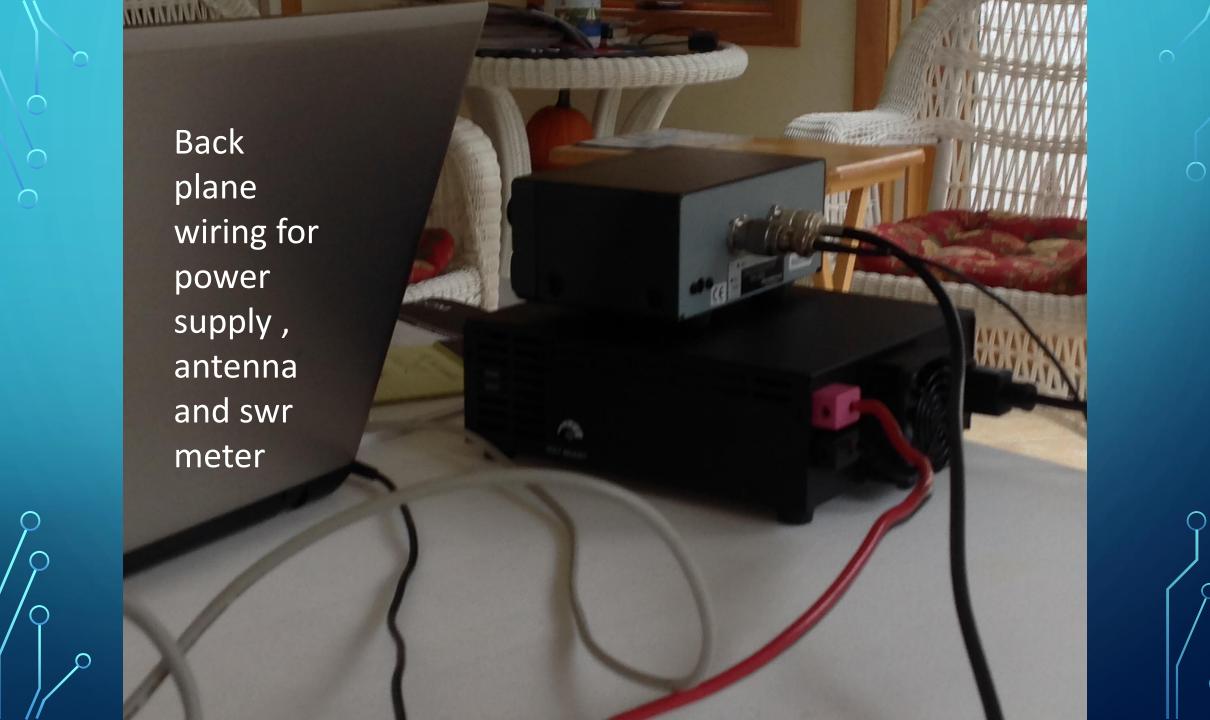
## Today's topic will be setting up a basic station.

The Transceiver
The Power Supply
Digital adapters and cables
The microphone
Adding a computer
Logging Programs
The Basic Antenna
The Key











## THE BASIC HF RADIO STATION

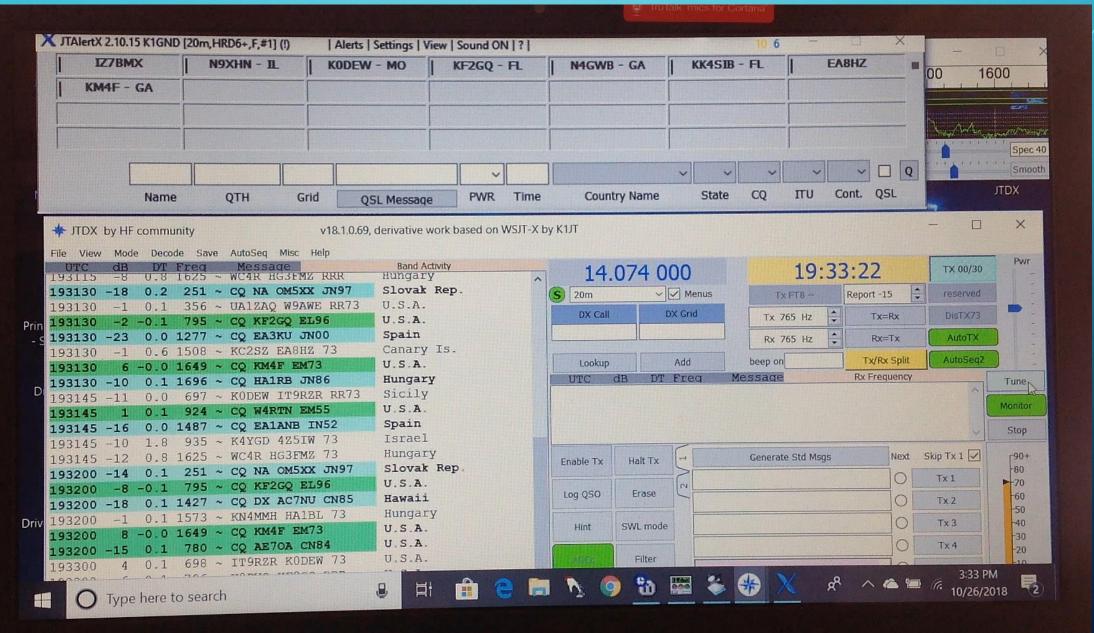
These three devices (transceiver, power supply, swr power meter) plus an antenna with either a key/mic/coupled with a sound card is all that you would need to get on the air.

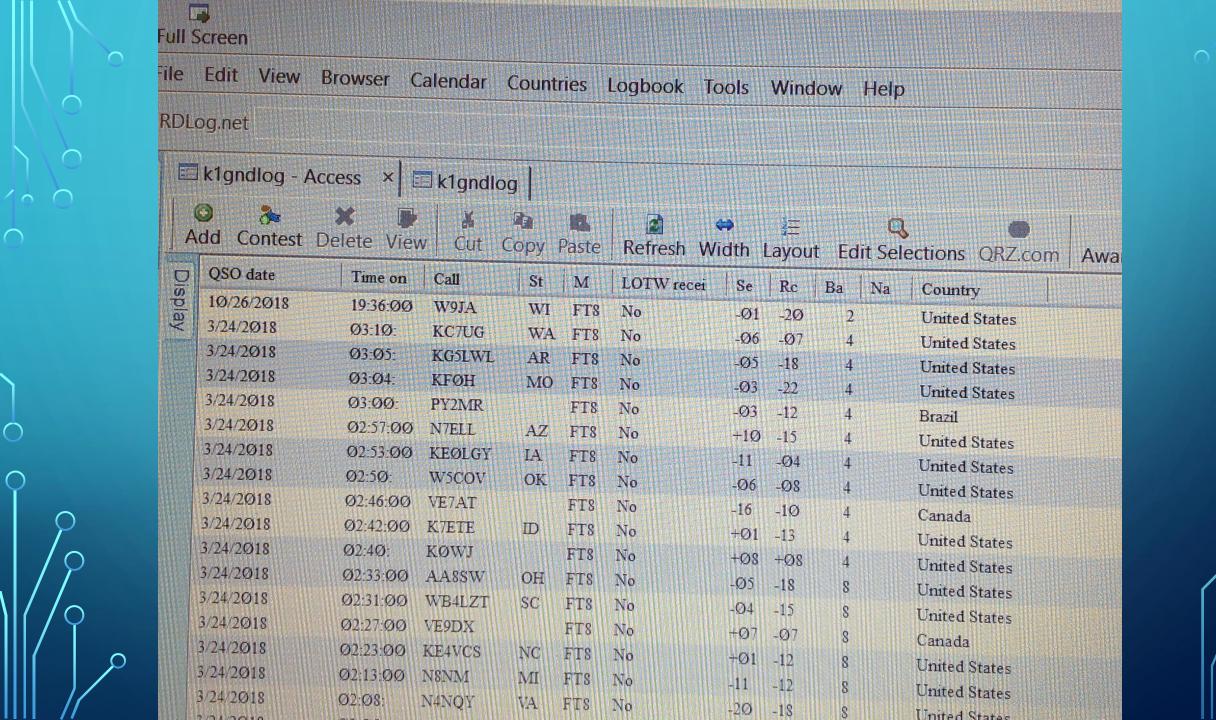
## THE BASIC RADIO

The following two slides demonstrate the capabilities with this basic setup

The first slide demonstrates the digital mode format

The second slide demonstrates a contact entered into the electronic log book





The actual set up and demonstration. Remember for tuning purposes it is illegal to tune the transmitter on the air. All stations should include a dummy load of some type.



