BASIC OPERATOR TRAINING COURSE OVERVIEW

This basic course has been designed specifically to prepare an operator to deploy Wave Relay® equipment efficiently and successfully. Focusing on maximizing system performance for voice, video, data, and situational awareness, the Wave Relay® certified instructors address various deployment environments and discuss common configuration mistakes. This course offers hands-on experience with the equipment and is highly recommended for end users who have just acquired their new Wave Relay® MANET system.

Two weeks prior to the course each student will receive a welcome packet. This packet will consist of a FAQ list, travel considerations, and self-learning tools to help prepare for the class in advance for maximum efficiency. A WebEx/teleconference will also be hosted prior to the course by a certified Wave Relay® Persistent Systems instructor to go over any pre-course questions and considerations. Please let us know if you do not have any equipment to work with for the pre-course practice and discussion.
The course will cover the following

Day 1
- Gain an understanding of MANET networks and challenges inherent with such networks
- Gain a basic understanding of Radio Frequency Theory and how it affects MANET
- Understand how to properly set up a laptop computer to operate and access Wave Relay nodes
- Be able to access a Wave Relay® node(s) using the web management interface
- Be able to manually configure a Wave Relay® node that is set to factory defaults
- Be able to make factory radios “talk” on a user produced network
- Set up audio on radios and talk on different channels
- Perform bandwidth tests and channel selection using preset channels

Day 2
- Gain basic understanding of Android tethering and configuration
- Configure Androids and Wave Relay® nodes to work together
- Understand and implement the Google Earth visualization tool
- Configure a classroom network with Wave Relay® and Android working together
- Wave Relay® and Video
- Participate in pre-determined scenario demonstrations

Day 3
- First Half
  - Group Culmination Exercise/Scenarios
  - Tracking Antenna Class
- Second Half
  - User provided equipment Sync
  - Knowledge Test
  - After Action Review

At each work station is the following equipment
- Laptop
- MPU4 (2)
- Quad Router (1)
- Push to Talk device and headset
- All necessary cables and antennas
- User Manual

This course is highly recommended for customers who have just purchased the equipment or are thinking of purchasing equipment and want to first become familiar with the usability of the network. A user manual is provided with each purchase but there is much to gain from taking the course as it provides an opportunity for hands on experience with a trained and certified Wave Relay® instructor who is available to answer any questions in real time.

To make your reservation for the course, please call us at (212) 561-5895. Customers who have paid in full will receive priority when filling seats in the class however we can reserve seats if space allows.