



# **PASSPORT® & NTS® TRAINING 2011**



**TRIDENT'S HANDS-ON TRAINING SESSIONS** are taught by members of our Engineering Department covering NTS Hardware, NTS Commander, the PassPort Protocol, NTS Data and NTS Mission Critical Features. This training is essential for all personnel who install or maintain NTS Sites or NTS Networks. Scheduled training sessions are available in three categories;

- NTS
- NTS Advanced/NTS Mission Critical Features
- NTS Data

Group Sessions are provided at Trident's Corporate Headquarters located in the scenic Blue Ridge Mountains at Arden, North Carolina or may be requested by companies at their home location. On-site training costs are quoted on an individual basis.

In the classroom you'll be presented with a blend of PowerPoint illustrations, hardware and software demonstrations, and a concise Training Manual for the course you're attending. The Training Manual provides;

- descriptions of each class module
- the condensed PassPort/NTS Study Glossary
- descriptive step-by-step procedures
- screenshots of NTS Commander parameters
- lab session procedural check lists
- question and answer sessions

Lab Sessions are conducted by team effort as well as individuals. Open dialogue with the instructor during sessions stimulates thought processes as the participant works his or her way through the session. It also ensures that participants acquire the experience and knowledge necessary for a positive impact in maintaining NTS Systems and Networks.

## **REGISTRATION**

To register, you may download forms from our web site at [www.tridentms.com](http://www.tridentms.com). Other documents are available at our site covering Registration Deadlines & Cancellation, Lodging, Transportation, Points of Interest, Area Map and other important information.

Training sessions held at our corporate headquarters are \$1,600 per person for NTS Training and NTS Advanced/ Mission Critical Training and \$875 per person for NTS Data Training. We highly recommend early registration, as space is limited. Trident will confirm the first 12 registrations received for each class.

Please contact Trident at **1-800-798-7881**.

## **NTS**

**Sep 13th - Sep 16th**

### **Topics To Be Covered:**

- Introduction to the NTS
- Initial NTS Set-up and Configuration  
**Lab: Initial NTS Set-up and Configuration**
- Sub-Audible Signaling
- Protocol Basics
- PassPort Features
- Introduction to PassPort Roaming
- Connect and Configure Repeaters
- Dual Channel Card Configuration and Alignment  
**Lab: Dual Channel Card Configuration**
- Network Design and Layout
- Configure the T1 Connection
- Configure the Network Tables
- Network Commander  
**Lab: Network Configuration and T1 Connections**
- NTS Subscriber Configuration
- Configure Roam Access Privileges
- Tools for Monitoring Subscriber Usage  
**Lab: Subscriber Configuration**
- Basic Parameters
- Roam Parameters  
**Lab: Radio Programming**
- System Management Tools & Optional Features
- Backups and Firmware Upgrades  
**Lab: Backups and Upgrades**
- Troubleshooting Tips and Techniques
- NTS Troubleshooting Tools  
**Lab: Troubleshooting**

**"Graduation" and Final Wrap-up**

## NTS Data

### To Be Determined

NTS owners, system managers, technicians and PassPort licensees who meet the following qualifications are eligible for NTS Advanced/Mission Critical Training:

- 1) Prior attendance of a recognized NTS Training class
- 2) Hands-on experience with the NTS
- 3) Understanding of sub-audible signaling as utilized in the PassPort protocol
- 4) Knowledge of PassPort terminology, features and subscriber organization (Fleets, Primary & Secondary TGs, MINs, etc.)
- 5) Basic knowledge of repeaters, subscriber radios and RF test equipment

### Topics To Be Covered:

- NTS Data Operational Overview
- Subscriber configuration, Dual Channel Card, & Data Card programming  
**Lab: NTS Data Configuration**
- Mobile Radio Configuration
- Data Hardware Configuration  
**Lab: Configuring the Subscriber radio and data devices**
- Role of TrAVL Bridge, Data Server, TrAVL web browser
- Activating and tracking data subscribers in an NTS network  
**Lab: Monitoring Data Operation**
- NTS Data Troubleshooting Strategies
- NTS Data Troubleshooting Tools  
**Lab: NTS Data Troubleshooting**

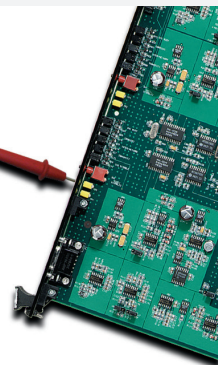
### “Graduation” and Final Wrap-up



Registration documents and more information are available at [www.tridentms.com](http://www.tridentms.com)



Two Trident Drive, Arden, North Carolina 28704  
828-684-7474 Fax 828-684-7874



## NTS Advanced/Mission Critical

### Sep 20th - Sep 22nd

NTS owners, system managers, technicians and PassPort licensees who meet the following qualifications are eligible for NTS Advanced/Mission Critical Training:

- 1) Prior attendance of a recognized NTS Training class
- 2) Hands-on experience with the NTS
- 3) Understanding of sub-audible signaling as utilized in the PassPort protocol
- 4) Knowledge of PassPort terminology, features and subscriber organization (Fleets, Primary & Secondary TGs, MINs, etc.)
- 5) Basic knowledge of repeaters, subscriber radios and RF test equipment

### Topics To Be Covered:

- Optimizing Channel Alignment
  - Registration and Handshake Sequence  
**Lab: Optimizing the Air Interface**
  - Understanding the Network Interface
  - Troubleshooting Tools  
**Lab: Optimizing the Network Interface**
  - Tools for monitoring system usage
  - Communicating with subscribers (advanced fleet mapping, consoles, etc)  
**Lab: Maximizing System Resources for Efficient Use**
  - Operation of Emergency Declaration Optional Feature
  - Configuring the NTS & Subscriber radio for Emergency Declaration  
**Lab: Emergency Declaration**
  - Operation of Priority Access
  - Setting/Updating the NTS & subscriber access levels  
**Lab: Priority Access**
  - Selecting backup channels for Home and Roam users
  - Configuring the NTS & Subscriber radio for Backup Operation  
**Lab: Backup Channels**
  - NTS Advanced Troubleshooting Strategies
  - Advanced Troubleshooting Tools  
**Lab: Advanced Troubleshooting**
- ### “Graduation” and Final Wrap-up