

Alster News

Aeroflex Upgrades P-25 Monitor

In This Month's Issue

- Aeroflex - Upgrades Monitor
- JPS - Off Air P25 Monitoring
- Relm - Delivers New Products
- ACES - Overview Of Seminars

The Aeroflex 3920 will replace the popular 2975 as the next generation P-25 Service Monitor for advanced analog and digital radio communications. Aeroflex has an exclusive new option to support P25 Trunking, designed to support the needs of basic P25 testing and complex analysis of advanced P25 systems. The new P25 Trunking Option (option 201) supports trunking operation in the VHF/UHF/700 MHz and 800 MHz bands.

Exclusive features include the ability to simultaneously generate a control channel and traffic channel with duplex offset capability to go from 1 MHz to 2.7 GHz, verifying radios are in proper working order, providing the critical interoperability needed for today's communications.

Building on the 2957 reputation, the 3920 from Aeroflex sets a new benchmark for quality, ease of use, performance and value. The instrument is a platform on which software options expand the measurement and signaling capabilities for communications systems that utilize advanced digital modulation and protocols. It does this while retaining the capability to test many current generation analog AM and FM radio systems.

The all-new digital architecture of the



**Aeroflex 3920
New P-25 Platform**

3920 not only delivers faster, more accurate measurements, thereby lowering the cost of test when compared to any of its contemporaries and predecessors, but also ensures that future market needs can be met in a timely fashion. The future of professional mobile radio is changing rapidly as technology advances and market needs expand and the 3920 is a platform that will stand the test of time.

There are a limited quantity of 2975 Demo Units (including ours) that will be available for sale on a first come first served basis. If you want to pick up a 2975 demo unit and save some money, please call me. Ω

JPS - New Product Offer P-25 Channel Monitoring 2

Multiplier Industries - Pledges Customer Service 2

FWS - Emergency Scenario Manager 2

Relm Wireless - The KNG VHF P-25 Portable Is Shipping Now! 3

Otto Communications - Dealer Discounts for July Orders 3

Times Microwave - Web Site Provides Installation Videos 3

ACES 2008 - Technical Seminar Review 4

Technical Resources - Larsen Antennas

Let's say you have an antenna to install and you've lost the cutting chart - what do you do? You go to the web and type in:

<http://www.pulseeng.com/index.php?821>

Do you know what you find there? You find links to every single cut chart for Larsen.

Let's say you were working on a large order of Larsen antennas and you wanted to know what your discount might be? What would you do? You would go to the web and

type in:

http://www.larsen-antennas.com/productnews_issue0704.shtml

You would find the general discount levels supported by all distributors!

Let's say you have had either a good or bad experience with Larsen. What do you do? You go to the web and type in:

<http://www.pulseeng.com/index.php?908>

Hope this helps. Ω

P-25 Off-Air Monitoring With JPS

The JPS Communications P25 Off-Air Monitor (OAM), developed by Etherstack, monitors inbound and outbound APCO P25 trunked or conventional channels (repeated or talk around) and displays the results on the OAM software.

A single unit allows up to 4 APCO P25 channels to be monitored; multiple units can be networked to monitor additional channels simultaneously from one screen. Both trunked (control and traffic) and conventional channels are supported, allowing a means to:

Verify compliancy to P25 standards
Trouble shoot existing P25 systems
Analyze third party signaling

The four channels being monitored can

be the uplink of 4 traffic channels, up and down link of 2 conventional traffic channels or 1 control and 1 traffic channel.

The Off-Air Monitor Software interprets inbound and outbound channels for coordinating the display of channels and for controlling the Off-Air Monitor.

Verify P-25 Compliance

The P25 OAM translates incoming messages and displays them in an expanded, human readable format. In addition, the OAM provides a binary view of the digital channel, enabling this solution to specifically validate whether a system is truly APCO P25 compliant.

For more information, please give me a call and we will set up a conference call. Ω



**JPS P-25 Off-Air
Monitoring System**

Multiplier - Pledges Customer Service

Long time owners Walter and Elaine Ullrich sold Multiplier Industries to Uniross Batteries Corporation in December of 2006. Since that time, the new ownership has taken steps to create a new identity for Multiplier. There was nothing wrong with the earlier identity as Multiplier was known as the USA made replacement battery company.

Customer Pledge

Uniross will continue the 99% quality and shipping, while Craig Taylor, Eddie

McCarthy and Mark Dockser are pledging the "Strongest Warranty in the Business" to you.

This means that your reps and distributors are given authority to provide you with a replacement battery while your warranty battery is being reviewed. After selling 10 million batteries with 1% or less warranty issue, it is a no brainer to provide this warranty.

So, what are you waiting for? Call your dealer or distributor and find out why Multiplier is the best USA made replacement battery in our business. Ω

*Multiplier
Industries Offers
Pledge To Our
Customers*

FWS - Emergency Scenario Manager

SmartMsg Scenario Manager, a software program from the Codespear division of Federal Warning Systems, allows Emergency Operations Centers to create automated decision making process flows to aid response personnel during various events or emergency situation.

Scenario Manager expands these efficiency of agencies by automating the procedures. A "scenario" can define an entire series of alerts, talk groups, or chat sessions

initiated based on factors such as user input, response data, time limits, etc.

Once the scenario is defined, urgent alerts to personnel and response groups are sent and recorded over a variety of devices.

Scenario Manager can then make decisions and send additional alerts or bridge talk groups based on response data collected from the initial alert.

For more information or a demonstration of Scenario Manager, please call. Ω



**SmartMsg
Scenario Manager**

Relm's New KNG-150 P-25 Portable Shipping

The promise of Relm's new KNG-150 has been realized as it is now shipping. Relm equipped this radio with the features and functions needed by public safety agencies today. They include:

- 1 - 6 watts, hi/lo, channel programmable**
- 136 - 174 MHz, analog/digital**
- 512 channels, dynamic grouping**
- Longer battery life/clearer audio**
- Multiline alphanumeric display**
- IP67 Submersible**
- Auto analog/digital mix mode talk back**
- Customizable keyboard menu**
- NIST AES/DES/OFB encryption**
- Over The Air Rekeying (OTAR)**
- Battery Gauge/Orange Emergency Button**

The new KNG is a software designed portable, meaning that their software can be added to RF transceivers. The UHF and 700/800 MHz units are right around the corner.

The software can be upgraded when new programs such as trunking and GPS become available. More on that next issue.

Seeing Is Believing

So - seeing is believing. I will get my demo unit this month. Please give me a few days to become familiar with the programming, then I will be taking it on my normal sales calls. If you can't wait to see it, give me a call and I'll get it to you sooner. Ω



Relm—KNG150P
P-25 Portable

Otto Dealers - Take Note - Discounts For You

Otto Communications has announced a July discount to dealers for V1, V2 and V3 audio accessory units.

5% for 1 - 25 units

7.5% for 26 - 99 units

10% for 100+ units

So, if you were getting ready to place a stocking order or you have a bid that will close before the end of July, please give Otto a call and get your orders in early - it will really save you some money.

Otto End Users

If you use Otto audio accessories, be sure to remind your dealer that there are discounts available in the month of July.

Otto Quality

Otto Communications does make the best sounding and longest lasting audio accessories in our market.

Don't waste this opportunity, buy now - stock up and save some money.

Call me for discounts on shipping. Ω

*Otto
Communications is
giving a summer
discount on their
V1, V2 and V3
products*

Times Microwave Installation Videos

Times Microwave, maker of the popular LMR branded flexible cable provides several training and installation videos on their website to help you better use their products.

To find these helps, just go to:

www.timesmicrowave.com

Then you click on Technical Resources and look for the topic of your choice. In this case it will be Install Videos - Connectors.

Click on Install Videos - Connectors and find the following choices:

- EZ-240-NM (24.9 Mb)**
- TRAD-600 (25.3 Mb)**
- EZ-400-NMC-2 (28.5 Mb)**
- EZ-400-NMH (28.2 Mb)**
- EZ-600-NMH (30.8 Mb)**
- EZ-600-NMC-2 (23.6 Mb)**
- EZ-900-NMC-2 (17.3 Mb)**
- EZ-1200-NMC (20 Mb)**
- EZ-1700-NMC (19.Mb)**

Now just click the video that will help you and sit back and learn. Ω



EZ Connectors
From Times



Tentative ACES Seminars— 2008

We are finalizing the technical seminars for ACES 2008 and would like your input. If you plan on attending ACES in Boise, Helena or Spokane, please review the following schedule and let us know what you think:

Room A

8:00 to 9:30 AM - Aeroflex 3500 Hand Held Service Monitor - Hands on/How to use - - 3920 Review of set ups and configuration

10:30 to 11:30 AM - Federal Warning Systems/Coscomm - Emergency Scenario Manager/Records Management - Satellite siren control and short burst data control

1:00 to 2:30 PM - Relm Wireless - Introduction of the KNG portable, demonstration of Portable Repeater and new B & I portables

Room B

8:00 to 9:30 AM - JDSU - Ethernet Transport In Public Safety - discussion of Ethernet

Transport verification procedures with hand held testing units.

10:30 to 11:30 AM - JPS - discussion of the P-25NET Repeater Controller.

1:00 to 2:30 PM - Hands on, live discussion of mobile antennas, cable, audio accessories and replacement batteries.

ACES October 2008

Boise, Idaho - October 6, 2008

Helena, Montana - October 8, 2008

Spokane, Washington - October 9, 2008

ACES Hawaii 2009

Mark your calendars for Thursday, February 12, 2009 for the Alster Communications Electronic Showcase being held in Honolulu, Hawaii. Ω



Steve Stouffer
PO Box 12428
Mill Creek, WA 98082

Phone: 800-365-1272
Fax: 425-379-2574
Email: steve@alster.com



FIND US FAST
WWW.ALSTER.COM