

# Alster News

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## Island Training by JPS

The City/County of Honolulu brought Kevin Ball and great trainer from JPS Communications to Honolulu for a week.

### Operator Training

Monday and Wednesday were devoted to "Operator Training." This brought the dispatchers and supervisors face to face with the ACU-1000 and its software. Kevin used overheads and hands-on time to acquaint each attendee with the features and functions of the "Audio Control Unit."

### Technician Training

Tuesday and Thursday were devoted to "Technician Training." This brought the people who use the product in the field face to face with the product. Again, Kevin used overheads and hands-on time to make sure that each technician knew how to set up and operate the ACU-1000 with or without software.

### ACU-T and ACU-M

During all four sessions, time was taken to familiarize each attendee with the ACU-T and ACU-M product.

All in all, we had about 40 attend the sessions including two from American Samoa.



Honolulu Police Department  
Communications Van

### Field Day

Friday, the last day of the training, was spent out in the beautiful Hawaii sunshine. The Honolulu Police Van (shown above), the Honolulu Fire and National Guard brought their Command Vehicles.

Kevin spent a good part of the day helping them dial in the existing ACU-1000's that were installed.

If you would like JPS to come and train your people on the care and use of the ACU product, please give me a call and we'll provide a quotation. Also, there maybe training in the Fall in Las Vegas. Ω

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## JPS Communications 24/7 Customer Service

JPS Communications, a Raytheon Company, announced the implementation of its 24-hour customer support hotline.

### Effective July 1, 2006

Beginning July 1, 2006, customers can now speak to one of JPS Communications' trained support specialists, anytime day or night. Designed to offer customers an outstanding level of service, customers can now

call (800) 498-3137 for immediate assistance with any technical problem and speak to the trained, professional staff of existing system and customer service engineers knowledgeable in our products and services.

### Call 800-498-3137

When you face a disaster, be confident that you can find the help you need with just a phone call to JPS Communications. Ω

## Aeroflex - New Software For The 3900

Aeroflex announces the release of new software testing options for the Aeroflex 3900 Series of digital radio test sets. HPD® (High Performance Data) has been developed by Aeroflex for Motorola to address the need for testing their High Performance packet Data operation on both mobiles and base stations in the 700 and 800 MHz bands. HPD® systems operate within the normal 25 kHz mobile radiobandwidth.

The 3900 HPD® options 390XOPT300 and 390XOPT301 provide users with the ability to test HPD signals including: **Generate/Receive** HPD signals - **Modulation:** 64QAM, 16QAM and QPSK - **Transmitter:** Signal Power, Frequency Error, EVM, Symbol Clock Error, RX BER, Burst Timing Error and Occupied Bandwidth - **Display** of Min/Max

and Average as specified by the number of bursts - **Pass/Fail** indication using color codes meters.

### P25 Conventional

The 3900 Series P25 Conventional Option provides test features for testing P25 radios and systems. Included is the ability to transmit P25 C4FM standard waveforms and analyze P25 received waveforms. The analysis of the received waveforms includes the ability to perform RF and modulation parametric tests.

This option, 390XOPT200 provides the basic parametric analysis of the P25 signal including: **P25 C4FM Error Meter** - **Constellation Plot** - **Power, Frequency Error and TX BER Meters.** Ω



**Aeroflex 3900  
Digital Monitor**

## Times Microwave PhaseTrack 210™ Cables

In June 2006, Times Microwave Systems announces the availability of **PhaseTrack-210™** phase stable coaxial cable assemblies. These cables utilize triple wrap **TF4** dielectric technology.

**PhaseTrack-210™**, does not exhibit the abrupt shift in the phase that occurs with solid or tape-wrapped PTFE dielectrics under normal room ambient conditions.

### Temperature Stable

**PhaseTrack-210™** cables are designed for applications demanding minimal change

over temperature. Therefore, they are ideally suited for phased array radars, system interconnects, phase stable testing and virtually all system platforms.

### Available Through Distribution

These cables are available through Frigid North, Hutton, Talley and Tessco distributor channels and direct from the factory. Please call me a more full technical presentation or more information. Ω

*Times Microwave  
Introduces Phase  
and Temperature  
Stable Jumper  
Cables*

## PCTEL 2.8 and 4.9-5.9 GHz Dual Band Antenna

The XtremeWave™ MSPDBD1244914NF sector panel antenna provides coverage of 2.4 GHz to 2.5 GHz and 4.9 GHz to 5.9 GHz frequencies in a single antenna housing. Its dual N female bulkhead inputs permit simultaneous operation of 4.9 GHz Public Safety, 802.11a, b, g and WiMAX radio devices.

This antenna features a rugged UV resistant housing and includes a pipe mount for outdoor installations. It covers 2.4 to 2.5 GHz and 4.9 to 5.9 GHz frequencies with

excellent VSWR performance. The antenna has outstanding front-to-back ratio and the controlled sidelobe radiation ensures that the radiated energy is targeted towards the area of coverage.

The included adjustable pipe mount permits uptilt, downtilt or vertical adjustment of +/-15 degrees for more precise coverage of the geographic area.

Please think about coming to ACES this year to learn more about MESH Networks. Ω



**PCTEL XtremeWave  
MSPDBD124491NF**

## Wave Wireless - 4.9 GHz Wireless Routers

WaveWireless is a new product line for Alster Communications. They make wireless routers for both Public Safety and Commercial applications.

### 4.9 GHz Routers

The SPEEDLink 4900 Series operates in the licensed 4.9 GHz Public Safety frequency band which is available to all state or local government entities. Featuring a 400 mW radio providing superior range and throughput, the SPEEDLink 4900 Series is available in models that support point-to-point or point-to-multipoint access.

To facilitate frequency coordination initiatives among various public safety organi-

zations and maximize deployment flexibility, the SPEEDLink 4900 Series can operate in 5 MHz and 10 MHz channels.

Public safety agencies can use the SPEEDLink 4900 Series in place of costly leased lines to support a number of services and applications including, video surveillance, Internet connectivity, backhaul redundancy and VoIP distribution.

Combined with the Wave Wireless SPEEDMobile system, SPEEDLink networks can provide wireless backhaul to support mobile broadband connectivity to emergency and other public safety vehicles.

Contact me for a demonstration or more information regarding Wave Wireless. Ω



SpeedLink 4900

## Relm Wireless Special for July

Relm Dealers - Relm Wireless is providing a special discount on the following radios for the month of July:

RPV599APLUS/RPU499APLUS  
RPV3000A/RPU3000A  
RPV3600A/RPU3600A  
RMU25M/RMU45M  
RPV516A/RPU416A

PORTABLES-The RPV covers 148 to 174 MHz and had 99 channels. The RPU covers 450 to 470 MHz and also has 99 channels.

The RPV3000A covers 148 to 174 MHz and has 16 channels and no keypad. The

RPV3000A covers 440 to 470 MHz and also has 16 channels and no keypad.

The RPV3600A covers 148 to 174 MHz and has 128 channels and a keypad. The RPU3600A covers 440 to 470 MHz and has 128 channels and a keypad.

MOBILES-The RMV covers 136 to 174 MHz and has 128 channels. The RMU covers 430 to 470 or 450 to 512 MHz and also has 128 channels.

If you have a need for a solid portable or mobile radio, contact your local Relm dealer and take advantage of better pricing. Ω

*Relm Wireless offers dealers special pricing on their portable and mobile radios*

## TXRX Systems Adds Outbound Paging to SBII

TXRX Systems announces an upgrade to their popular Super Booster II.

The **6150-PAGE** automatic dialer provides reliable emergency notification 24 hours a day. The unit features busy-line and no answer detection to ensure prompt transmission of up to four prerecorded messages delivered sequentially to as many as eight standard telephones, cellular phones, voice and/or numeric pagers.

Messages to both local and long-

distance calls can be transmitted. When activated, the dialer instantly begins calling the numbers in sequence, delivering each message one to three times in a row, in accordance with the pre-selected number of dialing attempts.

It is ideal for installations where Ethernet connection is not available, so that the Remote Communication Card cannot be used. It uses a stand-alone AD-2000 Dialer with dry-contact interface to SBII. Ω



**Super Booster II  
Paging Capacity**

# ACES Goes To Boise-Helena-Spokane

## ACES 2006

The ACES (Alster Communications Electronic Showcase) will travel from Boise, October 2, to Helena, October 4, and to Spokane, October 5.

Mark your calendars and plan on attending. We will have 90-minute seminars from JPS Communications on Interoperability Solutions; Aeroflex is inviting you to bring your Aeroflex Service Monitor and get hands on training on your machine - saving set ups just for you; JDSU/Acterna will discuss Microwave verification and VoIP testing solutions; PCTEL and WaveWireless will discuss Wi-Fi and MESH applications including 4.9 GHz Public Safety deployment.

In addition, we will have 60-minute

seminars from Relm/BK discussing their digital P-25 product and Trident Micro Systems on their new 6.25 trunking format.

### Boise - October 2

### Helena - October 4

### Spokane - October 5

The Montana APCO Chapter Conference will be held at the same Helena hotel as ACES on October 3.

## ACES Hawaii 2007

The second Hawaii ACES will be held February 8, 2007, in Honolulu. Come join us for some fun and training. Ω

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