

Alster News

ACES - Boise/Helena/Spokane

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The 2008 Alster Communications Electronic Showcase will be held in Boise, Monday, October 6, Helena, Wednesday, October 8 and Spokane on Thursday, October 9.

Technical Seminars

As usual, the focus of ACES is technical seminars. This year we will have presentations on P-25 Alignment Mishaps, EtherNet Transport in Public Safety, Drive Test and HPD Software, Wide Area Interoperability, Hands On-P25 Radios and live demo of the Bird Spectrum Analyzer.

Most of our seminars are given by either engineers or technical applications people. We really don't like to have a sales manager giving the presentation. Not that there is anything wrong with that, but they tend to be more sales than technical oriented.

Exhibit Area

The Exhibit Area opens at 9:30 AM with a Two-Minute Drill where each factory in attendance previews their new products.

Then you get to walk around and see all the existing and new products on display from the majority of our factories. You can see and hold these products and ask



**2006 JDSU Seminar
Helena, Montana**

penetrating questions. When was the last time you had the opportunity of shaking the hand of a sales managers or engineer?

Free Lunch

We will serve a free lunch at noon.

Door Prizes

After lunch, we will have a drawing for door prizes. This is really a fun time.

Register Today

Please use the enclosed Registration Form or visit our website at www.alster.com. We look forward to seeing you at ACES 2008 in Boise, Helena and Spokane. Ω

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Multiplier - Factory Mutual Approved

Multiplier's Intrinsically Safe (I/S) batteries are designed to protect against sparking which could ignite flammable gasses or materials and trigger a flash fire.

The most common users are government agencies, fire departments, oil refineries, mining, natural gas companies or any industry that uses an intrinsically safe radio and battery in an area that omits volatile gasses or flammable airborne dust.

Green FM Label

All Multiplier I/S batteries are approved by the Factory Mutual Corporation (FM) and are identifiable by a **Green** FM approved label affixed to the battery that includes the classification rating and the OEM battery part number. (On Motorola models, a small **Green** dot is affixed on the battery housing.)

Be sure to buy FM Approved batteries. Ω

Seminars in Room A Begin At 8:00 AM

P-25 Alignment Issues

At 8:00 AM, Bill Nichols, Aeroflex, Inc., will discuss common mistakes made in testing P-25 digital radios with analog service monitors. He will also show how to use analog readings to properly adjust digital radios. He will answer questions on storing set-ups for specific radios.

Bill will introduce and demonstrate the new 3920 Digital Service Monitor, which replaces the popular 2975. He will also demonstrate the new P-25 capabilities of the 3500 Hand Held Service Monitor.

Drive Test / HPD Test

At 10:30 AM, Carl Peek, Survey Technologies will describe and demonstrate

drive test software using Aeroflex monitors.

Bill Nichols, Aeroflex, will then discuss and demonstrate HPD (High Speed Data from Motorola) set up and testing procedures using the 3920 Service Monitor. A full question and answer period will follow this session.

Hands On Relm P-150

Around 12:45 to 1:00 PM, Gary Kessler, Relm Wireless, will compare the new KNG P-150 portable with the DPH and provide hands on training with an emphasis on programming.

Gary will also provide a live demonstration of the popular Portable Repeater, Command Kit and new business and industry radios. Ω



Aeroflex Booth
ACES 2007

Drive Testing With Hand-Held Aeroflex 3500

Aeroflex has announced the release of new software for the 3500, 1 GHz Hand-Held Radio Test Set to support Survey Technologies Field Test 6 Software. Now, users of the 3500 Series can improve and automate the acquisition, analysis and display of signal strength across a given terrain, as well as inside buildings. Field Test 6 has expanded the drive-test measurement concept to include indoor measurement and analysis for applications where GPS is not available.

The hand-held capability of the 3500, along with the Field Test 6 software, allow

users to map out their building or geographical areas and find any sections that contain a weak signal. Armed with this information users can improve critical communications within those areas.

The 3500 with software release 3.2.0 provides for advanced testing of signal strength and provides a very portable, hand-held solution for mapping signal strength inside buildings. Weighing only eight pounds, the 3500 is ideal for anyone that needs portable signal strength tests.

Please call for a demonstration. Ω

*Aeroflex
announces a free
software upgrade
for the 3500
Hand-Held Service
Monitor*

Relm's New P-150 P-25 Portable

The newly designed KNG-P150 portable radio for public safety, law enforcement and the military operates in the 136-174MHz frequency band. It is a compact and lightweight radio with class-A performance specifications. This top-performing P25 digital radio at a market-leading price is the backbone of the new Relm KNG series.

The KNG-P150, and its soon-to-be-released counterparts in the KNG series, combine P25 technology and affordability

with top-tier features and performance.

The KNG-P150 has practical advantages as well, such as being the smallest and lightest professional-grade P25 digital portable radio with more efficient power consumption that gives the KNG P150 an uninterrupted duty cycle of up to 18 hours.

Combine the lower power consumption with programmable power output up to 6 watts, and you have a winning product. Get the P150 in your hands at ACES 2008. Ω



Relm KNG-P150
VHF P-25 Portable

Seminars in Room B Begin At 8:00 AM

EtherNet Transport

At 8:00 AM, Amie Cox, JSDU/Acterna, will present basic test theories and practices for EtherNet Transport, with an emphasis on Public Safety applications. She will provide practical information to improve your testing skill set. In addition, they will have a brand new set of test gear in the Exhibit Room for you to evaluate.

Interoperability

At 10:30 AM, Bob LaRose, JPS Communications, will present two topics. The first will be Wide Area Interoperability using a single command location to tie together several ACU-1000, ACU-2000, ACU-T or ACU-M

units. He will also discuss P-25 Net, a digital control channel for analog repeaters.

Line Sweeping

Around 12:45 to 1:00 PM we have a three pronged seminar. Jim Marshall, TXRX Systems, will demonstrate the new Signal-Hawk Hand Held Spectrum Analyzer. Using Larsen VHF, UHF, 700/800 MHz and 2.4 GHz antennas, Jim will sweep each antenna to show the effect cheaper connectors have on higher frequency cable runs.

Larsen will discuss their Quality Assurance and Custom Antenna programs and Times will discuss Mine Safety Approved leaky feeder cables. Ω



**TXRX In-Building
ACES 2006**

JPS WAIS Seminar - Your Interoperability

The Wide Area Interoperability System (WAIS) takes advantage of Voice over IP (VoIP) to connect dispersed communications efforts via an existing infrastructure, such as a Local Area Network (LAN), Wide Area Network (WAN) or the Internet, itself.

By connecting interoperability systems to a LAN/WAN, radio communications can be extended over a wide geographic area while using existing radios and frequencies of all public safety organizations involved, including virtually any combination of local, state and national agencies.

From any point on a network, a user may configure, control and monitor any interconnected, on-site interoperability systems. Current solutions include numerous ways to view systems in the network, including individual (local) views, or as one seamless group. Where the radio resources are located is immaterial.

Users can simply click on separate radio systems on a monitor to connect them for direct and efficient communications.

Learn more about this at the 10:30 AM Seminar at ACES 2008. Ω

*JPS
Communications
Wide Area
Interoperability
System is good for
you*

EtherNet Transport In Public Safety

The JSDU award-winning T-BERD/MTS-8000 Portable Tester, with the addition of the 40G Transport module, provides the market's most complete service installation and maintenance test solution by addressing all fiber characterization, optical spectrum analysis, service verification, and troubleshooting needs, from 1.5M up to 40G, in one platform.

The Module provides testing for OC-768/STM-256 and includes ITU-T and GR-

253 compliant optics with power measurement and frequency offset adjustment.

The 40G Transport module also includes all T-BERD/MTS-8000 mainframe hallmarks, including a large, integrated touch screen and easy-to-use GUI in a rugged, compact and scalable form factor, making the T-BERD/MTS platform the industry's preferred solution.

Come to ACES and learn about EtherNet Transport with hands-on training. Ω



**JDSU MTS/8000
Transport**



Thoughts on ACES - A History

Steve Stouffer here with a short history of how the Alster Communications Electronic Showcase, or ACES, came about. I've been to every ACES since 1986, which means I have attended over 60 shows.

Russ Ellsworth, the founder of Alster, began ACES by inviting his customers to a hotel where there was one meeting room for presentations and a motor home to display the products he sold.

Our customers would sit in the meeting room and listen to presentation from various factories, then adjourn to the motor home for some hands on fun.

The format has been modified over the years, but is basically the same with technical presentations, an exhibit area to put your hands on real equipment and a free

lunch with some nice door prices.

So come to one of these locations and listen to technical seminars and play with real equipment - you won't be dissappointed.

Boise - October 6

Helena - October 8

Spokane - October 9

ACES Hawaii 2009

The third Hawaii ACES will be held February 12, 2009, in Honolulu. Come join us for some fun and training. Ω



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