

Alster News

And The Winners Are

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We want to thank all of the factory folk for supporting our marketing efforts by providing technical seminars and new product exhibits at ACES this year.

Those who contributed to a successful show were David Bremson - JPS, Amie Cox - JDSU, Tony Fedor - Times, Sean Gallagher - Valmont, Devra Herlin-Kelly - Multiplier, Gary Kessler - Relm, Bob LaRose - JPS, Chris Lopez - FWS, Phil McCoy - SunWest, Jim Marshall - Bird/TXRX, Bill Moy - SunWest, Bill Nichols - Aeroflex, Carl Peek - STI, Rex Reed - Aeroflex, Walt Strickler - Bird/TXRX, Tim Vitou - Relm, David Weber - Otto and Mark Wood - Relm. Their door prizes that went to:

Boise

Justin Bell, Jim Bishop, Russ Bundy, Glenn Coiner, Justin Dopp, Robert Dukart, Craig Johnson, Brian Kumann, Mike Landas, Ann Mavencamp, Kary Mavencamp, Marvin Morford, Jim Noland, Gene Ramsey, Brock Steele, Chuck Turner and Kip Watson.

Helena

Eric Alsager, Tom Bagan, Scott Bradford, Chris Christensen, Sean Gallagher, Dave Green, Bill Hadfield, Mike Kaufman, Steve Keller, Rick Larson, Joe Magnan, Connie



**2006 JDSU Seminar
Helena, Montana**

McMichael, Dean Morton, Dale Osborne, John Powell, Eric Proctor, Tim Seelye, Roger Smith, Dennis Stevens, Dave Swanson, Mark Thraikill and Gary Vauthier.

Spokane

Steve Argo, Jim Blain, Del Blaine, Dale Duree, Chris Grimmett, Marty Gulseth, Randy Jones, Ivan Kushnerchuk, John Larribeau, Del Lembcke, Russell Lenz, Kirk Mohror, Tim Roach, Daniel Roop, David Rudd, Rich Scala, Jim Stewart, Bob Wentworth and Barney Wilborg.

Thank you to everyone who took time to join us for ACES 2008. Ω

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Bird Electronics SignalHawk - Spec. An.

The "Made in the USA" SignalHawk VNA provides precise measurements of a variety of RF readings in a rugged, field-friendly package. To get communication systems up-and-running quickly or perform preventative maintenance, the instrument allows even novices to easily carry out spectral monitoring and interference analysis as well as make 1-port cable insertion loss measurements and the highest resolution of dis-

tance-to-fault.. In addition, it's been drop/splash tested to military specifications and has a large color in/outdoor display with an intuitive user interface.

Hand-held, highly portable and with a screen that can be seen in sunlight, the SignalHawk streamlines field testing procedures and increases productivity.

We demonstrated the unit at ACES and would love to show it to you, just ask. Ω

P25Net - Trunking Control By JPS

As discussed in a technical session at ACES this year, JPS offers the P25net single channel, composite trunking system. The composite channel can be interfaced to other single channel sites or multi-channel sites. It offers full trunking features using only a single channel and a result providing cost savings over a multi-channel trunking system. This feature is especially useful in rural areas with low radio usage. The composite channel could also be used as a talk channel in a multi-channel system.

In normal operation, the system sends out continuous control channel information. When a user travels into range of the composite site, his radio will then affiliate with that site. He will also receive any calls sent out on the channel he is monitoring. If he

needs to place a call, he does so in the normal fashion for a trunked system - by pressing his push-to-talk key and waiting for the "go ahead" beep. He can then talk after the beep and upon completion of his call he would release his push-to-talk key.

During that process, the site changes the function of the channel from being a control channel to a talk channel. The control channel information goes away for the duration of the user's push-to-talk. Once the user releases his push-to-talk key, the site begins to transmit control channel information again.

For more information on this please type the following link in your computer:

http://www.jps.com/downloads/pdfs/P25net_whitepaperfinal.pdf

Ω



P25Net Stack

Federal Signal Campus Security System

Federal Signal provides comprehensive campus-wide coverage that notifies individuals outdoors, and also in key indoor locations such as dormitories, classrooms, and areas of crisis situations.

Federal Signal's critical communications system delivers the instant, reliable and complete mass notification that educational campus leaders depend on when seconds count. Our ability to combine indoor and outdoor all-hazard warning along with personal text, voice, email, and radio capabilities offers campus administrators a robust

way to reach their diverse campus communities.

Students can add their telephone numbers, e-mail and SMS devices. The system will simultaneously alert all of the device types in a user's profile to ensure rapid delivery. By default the system is also configured to allow Mass Recipients to Opt-Out of the system, placing their account record in a "Do Not Call" list that can be maintained.

Recipients, on the Opt-Out list have the option to choose to Opt-In if they decide at any point. Call us for a demo.

Ω

Federal Signal provides a complete campus security system with indoor and outdoor sirens and text/SMS messaging

Relm's New P-150 P-25 Portable

The BK Radio KNG P150 from RELM Wireless Corporation meets or exceeds the highest performance specifications of all comparable digital two-way radios, providing clearest sound with least distortion. The KNG P150 meets or exceeds requirements for APCO Project 25 (P25) and TIA Class A specifications including interoperability with other P25-compliant VHF radio products.

Smaller and lighter than any other P25 portable radios, the KNG P150 is infused

with advanced features, yet designed for ease of use and custom-programming in the field. Enables easier operation and custom-programming in the field are advanced features such as an enhanced multi-line dot-matrix display window and customizable keypad menu, OTAR (Over-The-Air Rekeying), cloning, USB (Universal Serial Bus) software to program the KNG P150 via PC or laptop, plus automatic digital/analog/mixed-mode detection/talkback.

Ω



Relm KNG-P150
VHF P-25 Portable

Aeroflex 2945B Options and Upgrades

The 2945 Service Monitor from Aeroflex provides a compact, lightweight and rugged instrument for laboratory standard measurements in the field. It is quickly becoming the standard for EDACS and LTR Systems.

Standard Features

It has a full span Spectrum Analyzer with a "live" look and listen feature; Tracking Generator with full offset tracking; Accurate power measurement to 150 watts; 5 watt protection on all RF ports; Color transfective superfast LCD with rapid refresh rate for easy monitoring and real time adjustment; 50 kHz Digital Storage Oscilloscope and Transient and Harmonic analysis.

Options

The major option features for the 2947 include EDACS and LTR. You can also add SSB demodulator, NMT, AMPS, TACS, MPT, POCSAG and Avionics.

EDACS

Options 15 and 16 provide auto/manual test procedures for radios (option 15) and repeaters (option 16). Up to 4 user defined variants can be created and stored, each with up to 24 spot channel frequencies. The repeater option offers a data logging facility to decode and display data messages from the repeater under test.

Please call for a demonstration. Ω



**Aeroflex 2945
Service Monitor**

Times Microwave Bundled Cable

LMR® Bundled Cable is a spiral configuration of multiple LMR®-400 or smaller LMR® cables under a common polyethylene outer jacket. This innovative design acts as the perfect feeder cable for applications requiring multiple runs, such as on towers or building top sites. A unique, patented grounding fixture grounds the outer shields of each cable and a molded end cap seals the bundle to prevent moisture ingress at the break-out point.

LMR® Bundled Cable reduces installation time and grounding hardware costs,

while improving long term reliability. Compared to individual cable runs, LMR® Bundled Cable greatly reduces installation cost by cutting labor time and accessory requirements.

LMR® Bundled Cable can be supplied as complete assemblies with full technical support and custom tools. Pictorial instructions and installation videos are also available.

This product is available through your local distributor or from Times direct. Please contact me for more information. Ω

*Times Microwave
Cable provides
Bundled Cable for
multiple feeder
applications*

New Otto Communications Speaker-Mic

The Pro Series Speaker Microphone has a sleeker, more ergonomic profile. A field replaceable, heavy-duty cable assembly with quick disconnect RJ45 connector makes this speaker-mic ideal for users with multiple radio platforms.

This new speaker-mic is tough enough for professionals in the Industrial, Hospitality and Public Safety sectors who have to always be alert, always be in touch and always be on top of the situation.

Built Tough

You will be happy with a speaker-mic that is water resistant to MIL-STD-810F and has a PTT switch life of one million cycles. You will also be happy with the 360° swivel with detents every 45°'s. It also has an optional emergency button for those portables that are so equipped.

Please give me a call and ask for a sample of this price effective and complete new speaker-mic from Otto. Ω



**Otto Pro Series
Speaker-Mic**

The Driving Of Eastern ACES

Steve Stouffer here with my experience of driving the Eastern ACES Tour. I left Saturday about 2:00 PM from Mill Creek, WA and drove 360 miles to La Grande, Oregon and spent the night. On Sunday I drove another 200 miles to Boise and played golf with some of the factory and Alster guys.

We had a great show in Boise and enjoyed seeing customers and providing technical seminars. We spent the night in Boise Monday night and took off for Helena on Tuesday about 8:00 AM. We got into Helena about 5:30 PM having driven 555 miles.

We repeated the show in Helena and again saw some great customers and had a very good time. We left Helena about 3:30 PM and drove to Spokane. I stopped in Missoula and had dinner with a friend I

hadn't seen in 38 years—what a blast. Anyway, we got to Spokane about 8:30 PM after 320 miles.

We repeated the show in Spokane with great success leaving about 3:30 PM and getting back to Mill Creek about 8:00 PM.

I drove 1736 miles averaging 65 MPH (speed limit in Idaho and Montana is 75) and used 83 gallons of gas with an average of 21 MPH. All this in 26 hours and 30 minutes of actual driving time.

I will be flying to our next ACES in:

Hawaii 2009 - ACES

The third Hawaii ACES will be held at the Ala Moana Hotel, Thursday, February 12, 2009, in Honolulu - please join us. Ω



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