

Alster News

ACES - Boise/Helena/Spokane

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The 2006 Alster Communications Electronic Showcase will be held the first week of October in Boise, Helena and Spokane.

Technical Seminars

As usual, the focus of ACES is technical seminars. This year we will have presentations on Interoperability, P-25 Trunking, Using the Aeroflex 2975, Voice Over I/P and Optics Testing, Microwave Path FCC issues and techniques, an introduction to MESH from a Wi-Fi perspective and In-Building RF Coverage.

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



**Founder Russ Ellsworth
With Thad And Steve**

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 2006 in Boise, Helena and Spokane. Ω

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Vireo Audio Accessories for ICOM

Otto Communications makes two levels of audio accessories. Their primary product is for public safety and is built to protect the lives of both the officers and public.

Vireo - Lower Cost

Otto also makes the Vireo product line, which is suitable for the hospitality and commercial industry. The Vireo product includes similar audio accessories that Otto

builds for public safety, but the manufacturing is geared to hotels and casinos.

ICOM Accessories

Vireo products are now available for F3G, F3GS, F4G, F4GS, F11, F11S, F21, F21S, F33GS, F33GT, F43FT, F43TR, F114 and F24 series.

Please call your local dealer or me. Ω

Seminars in Room A Begin At 8:00 AM

Ineroperability

At 8:00 AM, Bob LaRose, from JPS Communications, will provide training on the ACU-1000 Audio Control Unit. This will include both hand and PC programming of RF, telephone and VoIP modules. He will also discuss applications for the NXU-2. He will discuss the ability of remotely changing the channel of a mobile with the ACU-1000.

P-25 Trunking

At 10:30 AM, Gary Kessler, from Relm Wireless, will lead a discussion regarding P-25 Digital Conventional and Trunking formats. He will help identify analog and digital applications by what is present in the control channel. Finally, he will present what

Relm is doing in this arena.

2975 Practical Use

Around 12:45 to 1:00 PM, Mike Fortna from Aeroflex, will discuss and show you how to better use your 2975. You are encouraged to bring your 2975 for this practical applications seminar. You will be able to use your own box and save the settings you need for future reference.

Free Software Upgrade

If you bring your 2975 unit, Aeroflex will download the latest software to your box for free. Software uploading will begin about 8:30 AM in the Exhibit area prior to the applications seminar, so bring your 2975 early. See you there. Ω



Aeroflex Booth
ACES 2005

New Products From JPS Communications

SIP Interface

JPS Communications introduces the new ARA-1. This product provides radio coverage through an existing SIP PBX phone by connecting it to a radio. The radio is assigned a unique extension that can be dialed by any IP phone, softphone or SIP device.

The ARA-1 not only brings existing radio networks into the SIP arena but also allows SIP-based communications to be extended into areas that are not serviced or cannot be reached using a SIP network. For example,

an ARA-1 can be used with an LMR system to extend the SIP network communications into areas of rugged terrain, across bodies of water, or into tunnels.

Channel Changing

At the APCO Show, JPS also introduced the ability of remotely changing the channels of certain Kenwood mobile and portable radios. This gives added flexibility to dispatchers and commanders in emergency situations. For more information, just come to ACES or give me a call. Ω

At the APCO Show JPS introduced several products including a SIP phone interface and Channel Changing

Clam Shell Cell Phone Charger

Imagine yourself on a fire line and your cell phone battery or GPS device is going dead. What do you do?

Twist On Clam Shell

What you do is take an ECS charging adaptor and twist it onto the top of a King/BK/Relm AA cell pack clam shell. The top of the adaptor accepts any cigarette lighter adaptor and will use the voltage/current from the AA cells to charge or run the unit.

So, if you have a 12 vdc cigarette lighter

adapted GPS unit, Cell Phone, Flashlight or anything else that uses the cigarette plug, you can use it.

\$24.95 List

The ECS unit retails for \$24.95 and your standard government or dealer discounts apply. You will be able to see exactly how this product works at the ACES Show. If you can't wait, just give me a call or see their web site: www.ecsys.us, otherwise, just give me a call. Ω



ECS CellPhone
Field Charger

Seminars in Room B Begin At 8:00 AM

VoIP/Optics Test Basics

At 8:00 AM, Odessa Goebert and Mike Dee, JSDU/Acterna, will present basic test theories and practices for VoIP Verification and Optics Testing. They 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.

Microwave Issues

At 10:30 AM, Todd Hershberger, Gabriel Microwave, will provide information helping you with FCC issues. These include identifying and properly filling out applications. He will discuss practical path analysis and help

you decide which type of antenna is best for your applications.

MESH/In-Building

Around 12:45 to 1:00 PM we have a three pronged seminar. Steve Ellis, PCTEL, will begin with an explanation of MESH from a Wi-Fi perspective identifying proper antenna types for specific applications. Then Jim Marshall, TXRX Systems, will provide an explanation of In-Building RF coverage design criteria. Then Carl Peek, Survey Technologies, will provide practical information of doing an in-building survey. By the end of the seminar you will understand MESH and how to bring RF indoors. Ω



**Gabriel Seminar
ACES 2005**

TXRX Systems - Fixed Mobile Combiners

The new TXRX Systems Control Station Combiners (CSC) are ideal for close quarter and close frequency, multiplier transmitters.

Interoperability

The CSC units combine from 2 to 32 radios in the same frequency band to the same transmit antenna. This allows Command Vehicles to get rid of the antenna farm that adorns the top of their vehicle.

Everyone who uses the JPS ACU-1000 should be looking at the CSC because having the ability of closely spaced fixed

mobile radios transmit on a single antenna is great.

VHF/UHF/700/800 MHz

The CSC is available in frequency ranges of 132–150, 150–170, 380–450, 450–512, 746-869.

Dual or Single Antenna

The standard model will use a separate transmit and receive antenna. If this is not possible, they have a "Short Haul" unit that will use a single antenna. Please call. Ω

*TXRX Introduces
Fixed Mobile or
Control Station
Combiners*

Primary Lithium Battery Packs From Multiplier

Multiplier manufactures several "Primary" battery packs for Public Safety use. These packs contain Lithium cells and have a shelf life of ten years.

Lighter Than Ni-Cad

Lithium primary packs are lighter than Ni-Cad or Nickel Metal Hydride. They have longer duty cycles than non-rechargeable alkaline batteries. Improve your ability to respond to emergencies by buying and storing Lithium Primary battery packs.

Charge Time For XTS

Multiplier manufactures four batteries for the Motorola XTS portable radio. Here are the suggested charge times on their charger:

M8294 -----66 min. or 1 hour 6 minutes
M8923 -----78 min. or 1 hour 18 minutes
M8923-H ---108 min. or 1 hour 48 minutes
M8923-HX --160 min. or 2 hour 40 minutes

For more information on these batteries call your local distributor or me. Ω



**Multiplier Primary
Battery Packs**

2006 Int'l APCO Show - Orlando

First of all, whose idea was it to hold the APCO Show in Orlando, Florida in August? It was hot and humid and Thad Parker and Steve Stouffer (Alster guys who attended) were almost overwhelmed by the heat.

The Show was very good and we thank those customers who braved the heat and attended the booths of our factories. We supported Aeroflec, Bird, Federal Warning, JPS Communications, Multiplier, NCS Radio, Otto Communications, PCTEL, Relm Wireless, Survey Technologies, Times Microwave, Trident and Watson Dispatch. Needless to say, Thad and Steve were very busy.

New products included a SIP Phone interface and channel changing capabilities for the JPS ACU-1000. Bird introduced Control Channel Combiners and Multiplier

showed off some new batteries.

These products will be shown at our ACES Show coming up in October.

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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