

Alster News

ACES - Salem/Issaquah/Anchorage

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The Alster Communications Electronics Showcase for 2007 will be held on Tuesday, Wednesday and Thursday, October 2/3/4, 2007. We have been providing technical training for our customer with the ACES program for 23 years. In that time we have seen over 4,600 customers!

Technical seminars begin at 8:00 AM and the exhibit area opens at 9:30 AM. ACES concludes about 3:00 PM each day.

Salem - October 2

We will be at the Red Lion Hotel, 3301 Market Street NE, Salem, OR 97301, 503-370-7888.

Issaquah - October 3

We will be at the Issaquah Holiday Inn, 1801 12th Avenue NW, Issaquah, WA 98027, 425-392-6421.

Anchorage - October 4

We will be at the Millennium Hotel, 4800 Spenard Road, Anchorage, AK 99517, 907-243-2300.

Two Technical Tracks

We will present a total of eight technical presentations at ACES this year. Please see pages two and three for a full description.



Aeroflex Table at
ACES 2007 - Hawaii

Free Lunch/Door Prizes

As usual, we will provide a free lunch about noon with a door prize drawing afterward.

Mark Your Calendars

Please take a minute and mark your calendars for either Salem/Tuesday, October 2, Issaquah/Wednesday, October 3 or Anchorage/Thursday, October 4.

If you are spending the night, be sure to ask for the special ACES room rate at the host hotel. We look forward to see you at our 23 annual ACES Show. Ω

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ACU-M Training Guide On-Line

JPS has added a practical learning guide their website for the ACU-M which includes the following: Introduction to the ACU-M, Features of the ACU-M, Product Overview and Benefits and Applications. To download this self-paced learning guide, please visit: <http://www.jps.com/263>.

What is the ACU-M?

The ACU-M is a feature-rich, simple-to-use device that can be networked and man-

aged remotely. It provides interoperability between its four audio ports (for radios or other devices), two VoIP channels and a headset port.

Using digital signal processing (DSP) functions, the ACU-M offers significantly higher functionality than any of its competitive counterparts at a price that fits any budget. Please call me for a demonstration of the popular ACU-M. Ω

Seminar Room A - Technical Presentations

8:00AM - Interoperability

A 90-minute discussion of Interoperability by JPS. This presentation begins with an overview of what Interoperability is and who needs it. Then they use real life applications and discuss solutions.

A live demonstration concludes the seminar showing how easy it is to create Interoperability between several different agencies, radio frequencies and operational types.

10:30AM - PIM Antennas

This 50-minute presentation discusses why more site managers are requiring PIM or low intermod antennas on their sites. As sites get more and more congested, low in-

termod antennas are a must. It tells you why, where and when to use PIM rated dipoles and omni-directional antennas.

12:45PM - Monitors

This 90-minute seminar begins with a discussion of Drive Testing and Verification using the Aeroflex 2975 as the receiver.

Then a discussion and demonstration of handheld service monitors is held. Attendees will learn how to use the 3500 Aeroflex handheld product.

The session will conclude with an explanation of the differences between the 2975 digital P-25 service monitor and the new 3920 TDMA derived digital service monitor. This will include a discussion of HPD. We will do our best to answer your questions. Ω



Aeroflex Booth at
ACES 2006

Multiplier - Factory Mutual Approved Batteries

Multiplier manufactures rechargeable batteries for two-way radios, pagers, medical and diagnostic equipment, primary lithium, charging systems and custom battery assemblies.

Intrinsically Safe

They also make Factory Mutual approved batteries for Intrinsically Safe and Non-Incendive use. Please type in the following link for a PDF of these batteries:
<http://www.multiplier.com/catalog/default.asp>

Ma/Com and Motorola

FM approved batteries are available for the EDACS 300P, Jaguar and several other Ma/Com portable radios.

For Motorola the list just goes on and on and includes CP200, HT600, HT750/1250, GP320, MT1000, MT2000/HT1000/MTX8000, MX300/RDX, Radius GP300, GP350, P200, P1225 and Saber.

If you have an application for Non-Incendive use, count on Multiplier for your battery needs. Ω

Multiplier

*Manufactures Over
28 Factory Mutual
Approved Batteries*

Times Radiating Cable - New Size

Times Microwave has been producing "leaky feeder" cable for several years. The TRAD radiating cable is a great choice for in-building applications where an even distribution of RF signal is a design requirement.

TRAD-900

The new size is TRAD-900. It is available in either a PVC or FR (Fire Retardant) jacket. The radiation/loss figures are great for VHF/UHF and 700/800 frequencies. TRAD-900 also has great coupling character-

istics for bringing inside RF back out through the booster.

TXRX Engineering

TXRX Signal Booster are also a great advantage when bringing outdoor signals indoor. The TXRX engineering staff has already successfully designed radiating systems using the TRAD-900 cable.

For more information on In-Building Design and radiating cable, attend the In-Building seminar at ACES 2007. Ω



TXRX Super Booster II

Seminar Room B - Technical Presentations

8:00AM - Radio History

This 40-minute presentation by Relm/BK discusses the history of synthesized radios from 1984 to present. You will learn the differences between the LPH/EPH/GPH/DPH and new KNG-150 portable radio and software. Just a note, Relm is introducing a new, synthesized VHF digital portable radio that will be more software defined.

8:50AM - In-Building

A discussion of design techniques of bringing outside RF In-Building using signal boosters and leaky feeder cable. Design tools will be shown and discussed. Times Microwave will discuss leaky feeder cable.

10:30AM - VoIP

This seminar discusses Voice over IP problems and testing techniques. The presenter will describe and answer various issues faced by Network providers.

12:45PM - Ethernet/IP

This 90-minute presentation will discuss the of Ethernet Network Transport. It will also describe the fundamentals of Internal Protocol and discuss issues and solutions of IP Transport.

Finally, time will be spent the latest technology of IP/TV. This will include an overview with emphasis on problem solving techniques. Ω



**JSDU T-Berd
MTS-8000**

Relm Wireless - B & I Dealer Specials

Relm Wireless has two radios on special through the end of September.

RMU800A

This is a UHF mobile radio with 512-channels with 5-watt internal speaker and optional 12-watt external speaker. It is PC and front panel programmable and includes MDC1200 signaling. It comes complete with an install kit and standard microphone.

This radio is ideal for taxi cabs and other dispatch oriented end users. End users, please contact your local dealer for savings.

RPV3000A

The RPV3000A is a 16-channel, 5-watt VHF portable radio with CT/CDCSS, Two-Tone and Five-Tone Decode/Encode. It is built to MIL-STD 810 C/D/E Specs and has a lithium battery for long life. It includes the antenna, rapid rate charger, belt clip and carrying case.

This radio is ideal for the hospitality and warehouse sales market and other public service arenas. Again, please contact your local dealer for special pricing. Ω

*Relm Wireless puts
their popular
radios on sale for
September*

Multiplier - 80,000 batteries in stock!

Multiplier Industries, manufacturers of replacement batteries for portable radios, has 80,000 batteries, representing several million dollars, in inventory waiting for your distributor or you to call.

During the past five years of national catastrophes, Multiplier has supported city, county, state and federal agencies with quick delivery of several types of batteries.

You are encouraged to work with your local distributor to pull what they have from

their shelves and use the large stock from Multiplier as a back up.

Florida Agency

A Florida State Agency called at 10:30 AM Eastern Time and needed 1,200 Ni-Cad and 575 Li-Ion batteries in two to three days. Multiplier shipped the order the same day and it arrived in Florida the next day. Needless to say, the agency was thrilled with the service. You will find the same service when you call your distributor or me. Ω



**Multiplier Batteries
HT 750/1250**

Free Lunch, Door Prizes and Technical Stuff

Yes, you will get a free lunch when you attend the ACES Show nearest you. You may also win a fabulous door prize. We have given out radios, wattmeters, a lot of logo shirts, some memory sticks and things. But what we want you to come for are technical seminars on the following subjects:

- Interoperability**
- In-Building RF Design**
- RF DriveTesting**
- Portable Service Monitors**
- T-1 Transport**
- Packet Loss Interpretation**
- Mass Notification/Warning**

Exhibitors

- Aeroflex
- Bird Technologies
- Gabriel Microwave Dishes
- JDSU/Acterna

- JPS Communications
- Multiplier Batteries
- Otto Communications
- Relm Wireless/BK Radio
- SunWest Engineering
- Survey Technologies
- Times Microwave Cable
- TXRX Systems
- Valmont Microflect
- Watson Dispatch Furniture

ACES October 2007

Salem, OR - October 2

Isaaquah, WA - October 3

Anchorage, AK - October 4

Mark your calendars and join us for technical seminars, exhibits, free food and door prizes. Ω

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