



Alster News

Alster Communications,
LLC

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IWCE - New Products

Every year, several of our factories introduce new products at the show. Here is some of what's new this year:

Aeroflex

Aeroflex, **booth 7031**, will demonstrate the 3250 Spectrum Analyzer. Compact, fast and easy to use.

Daniels

Daniels will display their new ET-6 Transportable Repeater. It is a direct replacement for the Motorola PDR. Stop by **booth 8051** for a quick look.

Larsen

New product NMO-HF-GPS will be displayed in **booth 2027** and in the IWCE Showcase. Stop by

and learn about it!

Otto

Otto will continue their special discount to dealers on speaker-mic purchases. Stop by **booth 9009** to take advantage and save.

Relm Wireless

Relm will introduce their new KNG-M150, touch screen, VHF, Mobile Radio with a working model in **booth 5031**. They will also demonstrate their KNG-P150, P25 VHF



**Relm Touch
Screen VHF Mobile**

Trunking portable. Stop by.

Times Microwave

Times will launch Times-Protect™ lightning and surge protection at IWCE. Stop by **booth 4050** to learn more about this product that will protect your RF equipment from lightning and power surges.

TXRX Systems

TXRX Systems will be introducing 700/800 MHz Ceramic Combiners. In addition to being in **booth 5045**, this product will be showcased by IWCE.

Valmont

Valmont will display new products from Site Pro I Components at **booth 4078**. Please stop by. Ω

IWCE - Las Vegas - March 10-12

The whole Alster crew is going to Las Vegas for the IWCE Show this month.

We will be supporting 13 factory booths, which will keep us very busy. Here is a list of the factories displaying product at IWCE:

**Aeroflex
Avtec
Bird/TXRX Systems
Daniels Electronics
Lyncole Grounding
Narda East/RF Safety
Otto Communications
Pulse/Larsen Antennas**

**Raytheon/JPS
Relm Wireless
SpaceNet
Times Microwave
Valmont Structures**
If you make it to IWCE, please look for us, we will be all over the place. Ω

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Daniels Celebrates 60 Years

Daniels Electronics was founded in 1938 by Gordon Daniels in Prince Rupert, a small fishing town along the northern coast of British Columbia. His began by personally hand building radiotelephones for lease within the B.C. fishing industry.

60 Years

The business was put on hold during World War II, but following the war, Mr. Daniels re-established his

business and officially incorporated in December 1950.

Throughout the 1950s, Gordon continued to produce AM radiotelephones in Prince Rupert and moved his family and the company's office to Victoria, BC.

Following the passing of the founder in 1962, his two sons, Terry and Ron established a growing manufacturing and marketing operation near the company's present location.

In the 1980's, Daniels was able to diversify its business by winning a contract to manufacture a made-to-order mountain top radio repeater system for the British Columbia Department of Highways. The company continues to produce repeaters and base stations and now incorporates the latest Software Defined Radio technology.

Today, Terry is Chairman of the Board and Ron is a Board member. Ω



Transmit And Receive Modules

Bird SA 6000EX - Save \$1,568

Bird Technologies has a Spring/IWCE Special. If you buy the popular, handheld, SA-6000EX Site Analyzer, you will received the CAL-MN-C Calibration Kit at no charge.

Save \$1,568.00

Go to www.bird-technologies.com and look for the "Current Promo-

tion" for the information to help you save money.

The SA-6000EX is the user-friendly test solution for installing, maintaining, and troubleshooting your antenna and cable systems.

This versatile unit also includes a Digital Power Meter option to accurately measure the output power

of your base station. Wide-band Power Sensors are available from Bird up to 4 GHz for use with this option, and are listed with the Accessories.

Field personnel world wide approve of the analyzer's precision VSWR and Return Loss results. Ω

Save \$1,568 when you purchase an SA-6000EX before the end of March, 2010

Lyncole Training - Seattle

This is just a short report on the two-day training session provided by Lyncole XIT Grounding on Thursday/Friday, February 18/19.

Book Learning

We spent two full days being instructed about grounding issues from personal safety, equipment

safety, regulations, common practices and techniques.

Outside Learning

We also spent about an hour actually playing with equipment and testing ground resistivity using the Wenner Method (4 point test) and 3 point testing.

Tom Faulkner, Industrial Communications, Spokane,

attended the class and was at the controls of some of the outside testing.

We finished with lightning protection theory and practical applications.

The hand out materials and learning experience was worth the investment of time and money and we recommend you attend. Ω



**Tom Faulkner
Industrial Comm/SPK**



Site Pro I Tower Components

SitePro I, recently acquired by Valmont Communications, features over 1400 wireless cell tower parts and wireless cell tower components. They have added over 50 new parts and components in the past few months.

In Stock Near You

These products are stocked in Salem, Oregon and include a complete line of coax cable runway components, universal wall

mounts, tower stand offs, quick seal connection enclosures, coax canopy protection, weld metal kits, rooftop aluminum step over, 3M Heavy Duty Heat Shrink Tubing, Self-Retracting Lifeline, climbing harnesses by MSA and DBI, climbing harnesses by Elk River, lanyards and more for your wireless cell tower and wireless rooftop needs.

Cell Tower Parts

Their cell tower parts

and components are divided into over 15 categories for shopping ease: BOOTS & ENTRY PANELS - COAX CABLE RUNWAY - CABLE TOOLS - COAX ACCESSORIES - COAX SUPPORT - EQUIP RACKS - GROUNDING - HARDWARE - ICE BRIDGES - MONOPOLE STEEL - ROOF TOPS - SAFETY - TAPES & CHEMICALS - TOWER STEEL - WALL MOUNTING. Please call for more information. Ω



**Panel Entry Boot
Site Pro 1**

Times Self-Bonding Silicone Tape

Self-Bonding Silicone tape is a cost effective, labor saving alternative to traditional Vinyl Mastic and Butyl Rubber sealing kits.

No Mess Going On

There is no mess and no need to protect the silicone with layers of PVC tape.

Proper weather sealing to prevent the ingress of mois-

ture is critical to the long term reliability of all antenna feeder cables.

Potential weather conditions such as snow, ice or rain in combination with severe heat, cold and high wind require special care to be taken during the weather sealing process.

You do not need to add another layer of protection.

Easy To Remove

Because you have not added a second layer of unnecessary protection, you do not need to remove it. Just take a sharp knife and cut through the silicone tape to expose a safe, dry connection. Available through your local distributor at your discount. Ω

Times Microwave Self-Bonding Silicone Tape is a better answer for making safe, dry connections

Raytheon/JPS Wide Area System

Touch Screen

Raytheon's Wide Area Interoperability System (WAIS) allows users that operate on different types and frequencies of legacy communications systems to communicate locally, regionally, or in systems that

span entire states.

Using Touch Screen software, the WAIS software provides first responders with the means to connect their existing systems to meet operability and interoperability needs and avoid the otherwise costly and time-consuming task of pur-

chasing new communications systems for an entire region or state.

From any point on a network, a WAIS software user may configure, control and monitor any interconnected, on-site interoperability systems. Ω



**Touch Screen
WAIS Software**



SpaceNet - Satellite Communications for all 6 Alster States

SpaceNet provides Broadband Internet, Digital Phone and Fax and Two-Way Video to Alaska, Hawaii, Idaho, Montana, Oregon and Washington. No matter how remote the location, all organizations depend on reliable and secure communications. Your organization can benefit from advanced satellite networking with Spacenet's Connexstar E-series.

Commercial Grade

Connexstar provides commercial-grade voice and data communications via satellite designed specifically for business and government organizations. Available for primary or backup communications and offered in both fixed and transportable packages, Spacenet's Connexstar service is ideal for banking and retail, hotels and lodges, healthcare facilities, small

businesses and state and local government agencies.

Connexstar also offers the option for a carrier-class digital phone service complete with direct connection to the public switched telephone network, local area codes and a variety of competitively priced calling plans.

Easy integration – easily connects up to 6 lines for traditional analog phones with up to two fax machines, as well as leading brand VoIP devices.

Choice of service plans – Several flat rate nationwide airtime minute packages are available.

High-quality clear calls – The latest generation of advanced voice protocols and a sampling rate that is 3 times the industry standard provides toll quality voice connection without jitter or dropped calls.

Please contact me for more information regarding clear, backup communications via SpaceNet. Ω

ACES 2010

We will be holding ACES on October 5/6/7, 2010 so mark your calendars for the first full week of October when we will be in:

Boise, ID - Tue 10-5

Helena, MT - Wed 10-6

Spokane, WA - Thur 10-7

We will have technical seminars, new products in the exhibit area, a free lunch and lots of door prizes. So, come to learn and have a chance to win. You will enjoy yourself at ACES meeting your colleagues and learning something new. Ω



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