

Alster News

Federal Warning Systems

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Alster Communications, LLC has been the representative for Federal Warning Systems since 1992. In 2006, we were rep of the year, thanks to our customers purchasing their products - so thank you!

Tsunami Sirens

FWS offers both mechanical and electronic sirens. The State of Washington is using electronic sirens as part of their All Hazards Warning System. These sirens are being placed in appropriate locations on the coastline to protect residents and visitors in the event of a Tsunami or other hazard.

Oregon and Alaska are also using a combination of FWS mechanical and electronic sirens to protect their coastline.

FWS Milestones

In 1910, FWS manufactured their first outdoor warning siren. This was followed by the introduction of the first omni-directional outdoor warning sirens in 1915.

In the 30's, FWS developed the first "10 Horsepower" omni-directional siren. In the 40's, FWS assisted the Civil Defense Agency in defining the first guidelines for outdoor warning. In the 50's, FWS introduced the popular Thunderbolt siren. It was the first



**Federal Signal UL Listed
2001DC Omni Mechanical Siren**

rotating siren to operate from either AC, gas or propane power. In the 60's, FWS created the first electronic siren with public address. They also introduced One-Way radio control.

In the 70's, FWS introduced the first "transistor" Tone Alert Radio. In the 80's, FWS introduced the EOW and 2001DC rotating siren. In the 90's, FWS introduced the Modulator electronic siren. The 2001 was the first outdoor warning siren to receive a UL listing.

As you can see, FWS has been the leader and innovator in outdoor warning for 100 years. You make a good choice when you choose to buy FWS. Ω

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ACES in Honolulu - February 8, 2007

The Alster Communications Electronic Showcase will be held on Thursday, February 8 at the Ala Moana Hotel in Honolulu, HI.

Technical seminars include:

**Interoperability
Care of Batteries
EDACS/P-25 Service**

**In-Building RF Design
Line Sweeping
Wi-Fi/WiMAX/MESH**

In addition, we will have an exhibit area full of the latest RF equipment. We look forward to seeing you there. For more information, please call 800-365-1272 and ask for Steve. Ω

JDSU/Acterna - HST-3000 Ether Gig E Testing

As networks migrate from circuit-switched to packet-switched architectures, Ethernet services are being pushed out of the network core and toward the edge. Service providers must equip their technicians to adequately turn up and troubleshoot this new technology while continuing to support their legacy T/E carrier services.

The majority of today's Ethernet links carry only data traffic, Voice over IP (VoIP) and IP Video are becoming more common. These triple-play networks, which transmit voice, video, and data traffic, present a unique set of challenges.

Service providers are now responsible for delivering a layer 7 service, rather than a traditional layer 2 or layer 3 pipe. The HST-3000, equipped with the Ethernet Service

Interface Module (SIM), addresses this requirement for 7-layer testing in a rugged, modular platform that is ideal for field use.

It has a full Ethernet feature set for testing both electrical and optical links with data rates up to 1 Gb/s. The HST-3000 also offers multiple stream support for the verification of prioritization schemes and advanced monitoring options for advanced troubleshooting capabilities.

In addition, the HST-3000's VoIP and IP Video options allow technicians to emulate the end customer's user experience and objectively measure quality of service.

For a demonstration of the HST-3000 showing the high level of Gig E testing, please give me a call and we will provide a demo unit for you. Ω



**HST-3000
Modular Driven Service**

Uniross Acquires Multiplier Industries

After over 30 years of private ownership, Walter and Elaine Ullrich have sold their company to Uniross.

Uniross is a European company that excels in rechargeable batteries and chargers for both consumer (photo, video, telephone, etc) and industrial (payment terminals, robotics, etc.) markets. The purchase of Multiplier adds the professional (radios for business and public safety) market.

The acquisition of Multiplier brings Uniross a state of the art US manufacturing plant complete with an experienced work

force. It also bring them a warehouse full of communication batteries that enjoy the reputation of high quality and quick shipment.

Finally, Multiplier brings Uniross a loyal customer base that is serviced by dedicated distribution partners and manufacturers representatives.

If you have questions or need more information please review the websites of www.uniross.com and www.multiplier.com. Or just give me a call and I will try to answer all of your questions. Ω

*Uniross Acquires
Multiplier
Industries,
manufacturer of
replacement
batteries*

JPS SIP Phone/Radio Interface - ARA-1

The JPS Communications ARA-1 is an interoperability device that provides an interface between a radio and an IP-based network using SIP protocol. If you are in need of a communications device that can reliably connect your radios to SIP devices, the ARA-1 is your solution.

One recent application was incorporated by STARS, a medical emergency agency which provides air transport. When a 911 dispatcher calls the STARS for assistance,

STARS determines the patient's location, type of injury and necessary response. Using the ARA-1, they pre-alert the STARS transport team for a possible dispatch.

After struggling with other vendors equipment, they called JPS and purchased two ARA-1's. JPS' ability to respond to their specific requirements influenced their decision to buy JPS. They were able to set up and use the ARA-1's in 1 1/2 hours. If you would like more info, give me a call. Ω



**JPS Communications
SIP/Radio Interface**

Times Microwave Makes LMR Lite

LMR@-lite 50 Ohm lightweight low loss coaxial cables employ an aluminum braid shield instead of the traditional tinned copper shield. Specially designed and engineered with an excellent combination of electrical, physical and mechanical properties that reduces weight and cost dramatically without sacrificing performance, the optimized aluminum braid shield on *LMR@-lite* provides for an extremely cost effective solution for many applications.

Since the outer conductor is the same aluminum/polyester/aluminum tape as standard LMR@ cable, the resulting attenuation is the same. *LMR@-lite* uses the same connectors, tools and installation accessories as

standard LMR@ cable making it a complete system that can be used virtually anywhere high performance coaxial cables are needed.

This includes internal equipment wiring, interconnects, cabinet, base station and antenna feeders, in-building runs and rooftop installations. *LMR@-lite* cables are suitable for use in virtually all types of wireless applications including land mobile, cellular, PCS, paging, WISP, WiFi, WiMax, WLL, wireless data, SCADA and more.

So, it is 30% lighter, costs less, is more flexible and uses the same connectors as the standard LMR - what are you waiting for? Contact your local distributor and buy some of the best cable available. Ω



**Times LMR-Lite
Lightweight Cable**

Otto Communications - Portable Audio

Alster Communications, LLC has been the representative for OTTO since 1998. In the past nine years, we have seen Otto create a market for audio attachments to portable radios. Foreign manufactured product has recently entered into this market.

When you go to buy Audio Accessories, buy from an American manufacturer who designs accessories for the two-way radio market including surveillance kits, wireless accessories, lightweight and heavy-duty headsets, ear hangers, speaker micro-

phones, tactical, fire & HAZMAT communications equipment and racing.

OTTO accessories are designed for use by public safety, security, surveillance, emergency medical teams, SWAT, fire fighters, HAZMAT and other law enforcement professionals along with food service, hospitality, entertainment, construction and industrial markets.

Samples are available through your local radio dealer or through Alster. Please let us know what you need and we will provide you with what you need. Ω

*Otto created the
audio accessory
market and is the
market leader -
buy from the best.*

2.4/4.9/5.9 GHz Panel Antenna from PCTEL

The XtremeWave™ MSPDBD1244914NF sector panel antenna from Maxrad, a division of PCTEL, provides coverage of 2.4 GHz to 2.5 GHz and 4.9 GHz to 5.9 GHz frequencies in a single antenna housing. Its dual N female bulkhead inputs permit simultaneous operation of 4.9 GHz Public Safety, 802.11a, b, g and WiMAX radio devices.

This antenna features excellent VSWR performance on both bands and a rugged UV

resistant housing and includes a pipe mount for outdoor installations.

Outstanding front-to-back ratio and controlled sideslope radiation ensures that the energy goes to the coverage area. The adjustable pipe mount, included, allows uptilt, downtilt or vertical adjustment of +/- 15 degrees.

Available through your local distributor, this antenna is a cost effective way to provide both 2.4 and 4.9 GHz coverage. Ω



**Maxrad's XtremeWave
2.4/4.9 GHz Panel**

Busy First Quarter For Training

The Alster guys are being kept very busy in the first quarter of 2007. Some of us will attend training with Federal Signal (Outdoor Warning Sirens) in January, PCTEL (antenna training) in January, JDSU/Acterna Training in February and Times training via ride along in February. We would love to share this training with you. If you need training on the above products, just let us know.

In addition, several of us will attend the ACES Show in Hawaii in February, the Western Regional APCO Show in Long Beach in February, Independent Telephone Show in Portland in March and all of us will attend the IWCE Show in Las Vegas in March.

Free Passes For IWCE

We have a limited amount of free exhibit

passes for the IWCE Show in Las Vegas the last week of March. If you want a free exhibits pass, please let us know.

ACES Hawaii 2007

The second Hawaii ACES will be held February 8, 2007, in Honolulu. Come join us for some fun and training.

ACES October 2007

We will hold our 2007 ACES the first week of October at the following locations:

Salem, Oregon

Isaquah, WA

Anchorage, AK

See you there!

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