

# Alster News

## IWCE - 2005 Was A Great Show

### In This Month's Issue

- Aeroflex - New 2945B
- Bird - New SA-6000 EX
- Multiplier Lithium Ion Battery
- New Alsterman - Cliff Peck

The six Alster guys, Tom Kyle (Oregon and Southern Idaho), Kim Torp-Pedersen (Western Washington), Paul Merkouris (Alaska), Thad Parker (Eastern and Southern Washington and general Portland area for Test Equipment), **Cliff Peck our new salesman** (Northern Idaho and Montana) and Steve Stouffer (Hawaii and General Manager) had a great time visiting with our customers and working the booths of our factories.



Alster Guys at 2005 IWCE

We worked Aeroflex, Bird Technologies, DataRadio, Multiplier, PCTEL (Antenna Specialists and Maxrad), Otto, Relm/BK, Survey Technologies, Times Microwave and TRRX Systems. You will find an update on each factory in this Newsletter.

### Aeroflex

Aeroflex provided so many enhancements to the 2945A that they named it the 2945B. The new model has a Color Display, Internal Battery Option, Improved (-100 dB) Tracking Generator, Seamless RF Generator and Trace Capture. It also includes new programmable bandpass and distortion notch filters. They have also improved the tone decoding and generating capability.

The 2945B has a high Price/

Performance Ratio and a low carrying weight. With the battery, the unit still weighs under 30 pound.

The product will start shipping in May.

### Survey Technologies

The Survey Technologies booth was busy with customers upgrading from analog to P-25 digital. These customers realize the value of having drive tested their existing coverage; providing the drive test data in their bid spec; and requiring the P-25 contractor to equal or surpass the documented analog coverage. If you are upgrading your system, using STI will protect your investment. Ω

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## Bird - New Site Analyzer to 6 GHz

The Bird/TRRX was a busy booth with dealers and customers sitting down and taking a RF/Bird quiz to win prizes. We are pleased to report that at least one Northwest customer passed with 100%.

The RF IQ was a great way to introduce several new products: the **SA-6000EX** provides users with a diagnostic range from **25 MHz to 6 GHz**. This unprecedented bandwidth capability dramatically increases the

number of diagnostic applications that can be supported by a single field unit.

In addition to its extended frequency band, the EX Series also provides the **highest memory storage capabilities in the industry – up to 300 traces**.

It is built for dependable field use with a high capacity battery pack and immunity to on-frequency interference (+13 dBm). Please call for a demonstration. Ω

## PCTEL - New Products and Catalog

The PCTEL booth was busy all the time. Customers were coming in to check out Antenna Specialists and Maxrad products.

They were impressed with the new Sharkfin™ antenna series for telematics applications. These were added to the PCTEL product portfolio at IWCE this year as well as several new 802.11B/G antenna's.

The Sharkfin™ antennas cover multiple frequencies while providing full Global Positioning Systems (GPS) navigation support. Each antenna model is housed in an attractive, aerodynamic roof-mount design that eliminates wind noise common in external mount vehicular applications.

This new antenna series comprises two quad-band and two tri-band models. Model GPSQB provides quad band coverage of

AMPS, PCS, GPS and WLAN frequencies, and model GPSQBE covers GSM, GSM1800, GPS and WLAN, both providing nominal gain of 24 dB and a VSWR of less than 1.8:1.

The tri-band models include the GPSTB antenna, covering AMPS, PCS and GPS frequencies, and the GPSTBE antenna for GSM, GSM 1800 and GPS frequencies. Both of these tri-band models provide 26 dB gain with a VSWR of less than 1.8:1.

### New Catalog

And YES.... We have a **NEW full Catalog** containing Antenna Specialists, Maxrad and Micropulse brands. You can download the new catalog at [www.maxrad.com](http://www.maxrad.com) or call me and get your Alster 2005 CD-ROM Catalog, which includes the new PCTEL PDF. Ω



Shark Fin Dual Band

## Times Microwave - New Products/Catalog

Times Microwave introduced a several new products at IWCE. These included a new Strip Tool for LMR 240 low loss cable, which was of particular interest. In one simple step, the ST-240EZ tool strips the jacket, braid and dielectric to the exact dimensions required for connectorization. This is a much easier way to strip LMR 240 rather than using that dull pocket knife.

Also introduced were several varieties of special connectors. These included the QMA male Right Angle; SMA male; SMA Male Right Angle and N



male EZ non-solder connectors, which are used with the True Position E911 installations. These connectors are rugged and have been optimized for ease of termination.

Time also has a new catalog and price list. You can download the new catalog and price list from [www.timesmicrowave.com](http://www.timesmicrowave.com), or just ask me for our new Alster Communications 2005 CD-ROM catalog. This CD contains the latest information available from all of our factories.

Thank you for your business and support in 2005. Ω

*New products and catalog are available from Times Microwave*

## Vehicular Wants and Warrants Checks

Data Radio adds to their family of mission critical wireless data communication equipment.

The GeminiG3 700 IP mobile data modem supports 128 kbps in 50 kHz channels with high performance adjacent channel protection. Data rates range from 64 kbps for long range coverage to 128kbps for high density urban areas. With Parallel Decode™, multi-path problems are all but eliminated. Data Radio's highly efficient over-the-air pro-

ocol assures user data throughput robust enough to support full motion video.

Data Radio also introduced the HiPR-900, providing wireless IP connectivity over unlicensed ISM bands. Using Data Radio's Parallel Decode™ technology, the HiPR-900 provides IP communications in a private wireless data network allowing you to extend your network with out pulling more CAT5!

Please call me for additional information or to set up a demonstration. Ω

MobilPac II



MobilePac II

## Relm Wireless - New Products/Enhancements

Relm introduced several new products and product enhancements at IWCE including the BK CMD and the RP3600 series.

Introduced in January, the 3600 offers best-in-class performance, top-of-the-line feature sets, with outstanding price performance. Available in VHF (RPV) and UHF (RPU), these palm-sized radios are compact and rugged. Features include: 128 channels in 8 groups; built in 2-tone/5-tone pager with audible and silent alerting; wireless cloning, keypad and PC programming; digital voice storage; one button emergency alerting (sending 5-tone, DTMF ANI, or MDC 1200); built in modem; and much more. All this in a compact radio that comes standard with lith-

ium ion battery, antenna and rapid rate charger at a price you have to see to believe.

The GPH-CMD is an enhanced version of the GPH used nationwide by the US Forest Service and State Agencies. The CMD is expanded to 500 channel (20 per group/25 groups) and has a 2 line, 120 character alphanumeric display. This allows more robust labeling of channel assignments.

The keypad has also been enhanced to support "phone-like" dialing with sculpted keys for easier selection. Of course, the CMD has all the features of the GPH, including an upgrade path to P25.

Please call me for more information or the new 2005 Alster CD-ROM Catalog. Ω



Relm Customer Training

## Multiplier - Sure Power Formally Introduced

Multiplier displayed their new and exclusive Lithium Battery Charging System for Motorola P-25 Digital portable radios. The system comprises the highest capacity, lightest weight Li-Ion battery and a charging system that optimizes battery performance.

The product is called the SURE POWER System and increases not only the performance of the Lithium battery, but its life as well. The system works with Motorola XTS-3000 and XTS-5000 radios and is available with a vehicular charger, AC/DC charger or a 6-bank charger.

First of all the Multiplier AC/DC charger and vehicular charger independently charges your battery like an OEM charger while still allowing use of the radio during charging. This allows you to continue to use the radio while you are charging the radio.

The Lithium-Ion battery is rated at 4000 mAh - that is 4 amps of power. It is also the lightest weight 4000 mAh battery available. The Ni-MH battery weight 4.5 ounces more than the Lithium.

The best way to see if we are telling the truth is to try, so call me. Ω

*Multiplier SURE  
POWER Lithium  
Ion Battery and  
Charger System is  
lightweight and  
powerful*

## TXRX - New UHF and 900 MHz Super Booster II

TXRX introduced the **Signal Booster II**, which features the most versatile remote connectivity in the industry, and includes an **integrated, menu-driven control panel**. This panel is exclusive to **TX RX** enabling remote programmable parameter set-up and modification, as well as system optimization through its unique **Output Level Control (OLC) DataLog feature**.

Easy to install and integrate, the **SBII** is configured to customer requirements, and

maintains maximum required output while preventing damage and excessive emissions. The high performance **SBII** is ideal for extreme environments, and is available in models that feature passbands ranging from **150 KHz to 2 MHz in the UHF series, and 5 to 6 MHz in the 900-MHz series**.

Bird and TXRX offers several training courses including a new 2 day 800 MHz Re-Banding course covering theory, filters, combiners, analyzers and interference. Ω



UHF Super Booster II  
with Jim Marshall