

# Alster News

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## DPH - Recommend for Wildland Fire

Dave Storey, president of Relm Wireless, announced in April that the DPH VHF, 148 - 174 MHz portable radio has been recommended for Wildland Fire Operations Certifications.

Dave received a communiqué from NIFC, a government testing agency, stating they had completed all fire certification testing on the DPH. They also stated they were recommending the DPH be certified for Wildland Fire Operations. The notice was being sent to all Fire Directors.



**DPH - Wildland Fire Certified**

### New Engineers Hired

Also in April, Relm Wireless added two new engineers to their aggressive P-25 Digital compliance staff. These new engineers will expedite our expanded frequency version (136 to 174 MHz); DES/AES encryption upgrades; our APCO trunking interface; our digital mobile products; new smaller digital portable; new 450 MHz digital smaller portable; new smaller VHF and UHF digital mobile and 800 MHz digital portable and mobile.

### Buy 2 Get 1 Free

Isn't that a nice way to save some money? Your Relm dealer will help you save

money on the RPV599APLUS (VHF - 148 to 174 MHz) or the RPU499PLUS (UHF - 450 to 470 MHz) portable. This portable comes with 16 character display, 5/1 watt transmit (programmable by channel), 99 channels, Priority Scan, CTCSS/DCS, 16 digit ANI, DTMF encode/decode, Two-Tone encode/decode paging, Narrow/Wideband (programmable by channel), over the air cloning, field programmable, 2 year factory warranty.

What more could you want, a demo? OK, just call your local Relm dealer or me and we will set up a demo of either radio on your frequencies for 30-days. Ω

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## Denny Herrick - 1941 to 2004

We have lost a true character from the Alster family. Denny Herrick, Alster salesman from 1978 to 1998 died April 12. He is survived by his wife and children.

In 1973, Denny began covering Western Washington and Alaska for all of the product lines and markets we served then. He soon found out he liked sales to the Utility Market. Denny understood the needs of utility companies and the products that they used.

In 1986, he gave up the Dealer/Two-Way product lines for Alster and exclusively pursued the Utility Market in Western Washington, keeping all markets in Alaska.

In 1998, Denny left Alster and started The Herrick Company, a manufacturers' representative. He involved his sons and turned over operational control to them January, 2004. We will miss Denny and his friendship. Ω

## Bird Offers Certified Training - Site Analyzer

Bird Electronic presents Certified Site Analyzer Training for their popular SA-1700, SA-2500 and SA-4000 units. This two-day course is primarily for field engineers and communications operators. It covers basic RF theory, site overview and operation, equipment set-up and use, test and measurement of feed line, antenna system characteristics, documentation and report analysis. It is followed by a written certification and hands-on test.

### Everett, WA

Bird has selected the Quality Inn - Everett, 101 128th Street SE, Everett, Washington 98202, 800-359-4827, as the location for the first ever, Pacific Northwest Certification Training.

### June 17-18, 2004

The dates are Thursday and Friday, June 17 - 18, 2004. To register, please use the enclosed form and fax it to Peggy Volker, Bird Electronic Corporation at 440-248-3790. The complete Bird product line is available through distributors such as Hutton, Talley and Tessco.

### Antenna/Cable Monitor

Bird introduces the ACM for analog and digital cellular, pcs and two-way systems. This is primarily designed to detect and report antenna degradation and failure. Alarm thresholds are user defined for TDMA, GSM, Tetra, etc. For more information or a quotation, please give me a call.  $\Omega$



Bird SA-1700

## 2399A - Spectrum Analyzer, Best Market Price

Everyone is looking for a good deal. The 2399A is the latest in the range of spectrum analyzers from IFR providing exceptional performance at an exceptional price.

Features include 9 kHz to 3 GHz fully synthesized frequency range; Excellent TFT color display; Wide input signal range +30 dBm to -110 dBm; Optional full range tracking generator; Semi-automated measurements; Floppy disk drive; AM/FM demodulation; Low noise floor and comprehensive marker facility.

The marker system allows up



to a maximum of 9 markers to be displayed on the screen at any one time. A marker table shows the frequency and level of each marker selected thus allowing multiple signals to be evaluated simultaneously.

In addition to the Normal markers 2399A provides Delta, Peak Search, Peak Track, 1/Delta, Marker Track, Marker to Center and Marker to Reference capabilities.

Alster has a 2399A demo unit, please let us give you a test drive of this economical Spectrum Analyzer. You won't be sorry.  $\Omega$

*Aeroflex design  
economic  
advantages into  
each Spectrum  
Analyzer. The  
2399A is a great  
value.*

## VoIP, T1/T3, Copper, TIMS Testing - HST-3000

Last year Acterna introduced a hand held copper tester for verification. The HST-3000 really caught on and Acterna has enjoyed the challenge of meeting the demand.

### VoIP

They have added T1/T3 and VoIP service modules. The VoIP module verifies service connectivity, provisioning, and voice quality with IP phone emulation that sends, receives, and analyzes VoIP calls IP to IP, site to site, and IP to TDM.

It also sectionalizes VoIP connectivity and quality problems between CPE, carrier networks, and service provider networks by performing test calls in multiple locations and using TraceRoutes and IP ping test suites. And it resolves VoIP call quality problems such as echo, choppy voice, and intermittent audio by taking comprehensive real-time call quality measurements including packet loss, packet jitter, delay, and out-of-sequence packets. Call for a demo.  $\Omega$



HST-3000

## Watson Dispatch - Synergy Makes the Grade

We've been selling Watson Dispatch Furniture for twelve years. Each year they are a leader in innovations that protect and improve the work health of dispatchers. Synergy is by far the best.

### Flexibility

One of the best attributes of Synergy is its flexibility. You can have center lift (see picture of Great Falls, MT—right) where the monitor platform raises and lowers while the left and right hand extensions are stationary. Or you can have full lift, where the entire surface raises and lowers together.

You can have a center section that accommodates from 2 to 5

COMMUNICATION CONSOLE FURNITURE  
WATSON DISPATCH

monitors (Great Falls uses 5 flat screens).

### Unified Frame

The major strength of Synergy is the Unified Frame construction, which provides strength to the console and individual equipment cavities and wire management cavities. Optional lighting and CPU slide shelf.

### Total Comfort Control

Another innovation is the single control point Total Comfort Control. The TCC using one control for raising and lower the monitor platform, input platform, feet warmer, desktop fans, dimming of two task lights and on/off on two more lights. Please call for more information. Ω



Great Falls, MT

## Concept Seating - Shelby & Company

### Concept Seating

The US government has established standards for "Ergonomic Intensive Use" chairs. These standards are 10 times that of "office use" chairs. Concept Seating 24/7 chairs exceed the ANSI/BFMA, GSA FNEW 83-269E government standards.

Using a seven-leg spider base, the chair supports 550 pounds; has five position back rest and seven position arm rest adjustment; has a six year 24/7 warranty. Please call for a quotation.

### Shelby & Company

These guys are a distributor of dispatch accessories such as foot rests, wrist rests, replacement bulbs for florescent and halogen lamps, filter replacement for Johnson Control Systems, caster and arm rest replacement for Concept Seating, monitor support arms, feet warmers and more.

They have the products in stock and are competitively prices. Please call me for a free catalog or price quotation. These guys know what they are doing. Ω

*Concept Seating provides all steel frame, adjustable arms.*

*Shelby & Company provides dispatch accessories*

## Bergvik - Raised Flooring - Wire Management

We are happy to announce our selection as representative for Bergvik "Tech Floor" Raised Access Floor System.

Bergvik engineers flexible, stable and strong raised flooring systems for dispatch centers. They use solid panel construction with tapered edges to assure that all panels stay flush to prevent tripping. The edges have a thin ABS plastic edge trim.

They use a strong, steel floor structure of pedestal supports with semi-conductive

pads. Seismic bracing is available to withstand Seismic Zone 4.

### Your Surface Choice

Bergvik offers Laminate, Linoleum, Vinyl, Carpet and Wood/Parquet. Each surface style is available in numerous colors and types (such as granite and marble laminate or white oak parquet). Their engineers work with Watson for the design of flooring and consoles. Ω



Bergvik Flooring and Watson Synergy

# Air Conditioners That Run on DC? Yes!

DC Airco, Vancouver, B.C., makes Primary or Back-up Cooling that runs on 12, 24 or 48 vdc. These high efficiency units cool electronic equipment, prevent equipment failure and operate during a loss of AC power.

## Watts Your Pleasure?

You can choose from 4,000 BTUH (1,200 watts) or 10,000 BTUH (3,000 watts) in a wall mount unit. Or you can get 4,400 BTUH (1,300 watts) or 9,000 BTUH (2,650 watts) in a rooftop unit.

## More Efficient

The DC Airco units are up to three times more efficient than their AC competitors. Under normal conditions, DC Airco units run

up to 6 - 8 hours without charging.

You can use the rooftop unit to provide inside the shelter for spot cooling, where excessive heat is a problem. Running independently from other air conditioners, it keeps its portion of the shelter at the right temperature.

Please call me for additional information.

## ACES 2004

Our ACES locations have been set:

Boise, ID - Monday, October 4

Helena, MT - Wednesday, October 6

Spokane, WA - Thursday, October 7

ACES will be coming to Hawaii in 2005. Ω

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