



The Lion

November 2006

Volume 1, Number 1

In This Issue

- Introduction of "The Lion"
- Crane Wind Alarm
- DigiWx Digest

Shows & Exhibits

<http://www.ametsoc.org/>

87th Annual Meeting
American Meteorological Society in San Antonio, TX.

Contact Us

<http://www.belfortinstrument.com>

800 937-2353

sales@belfortinstrument.com

Introducing The Lion

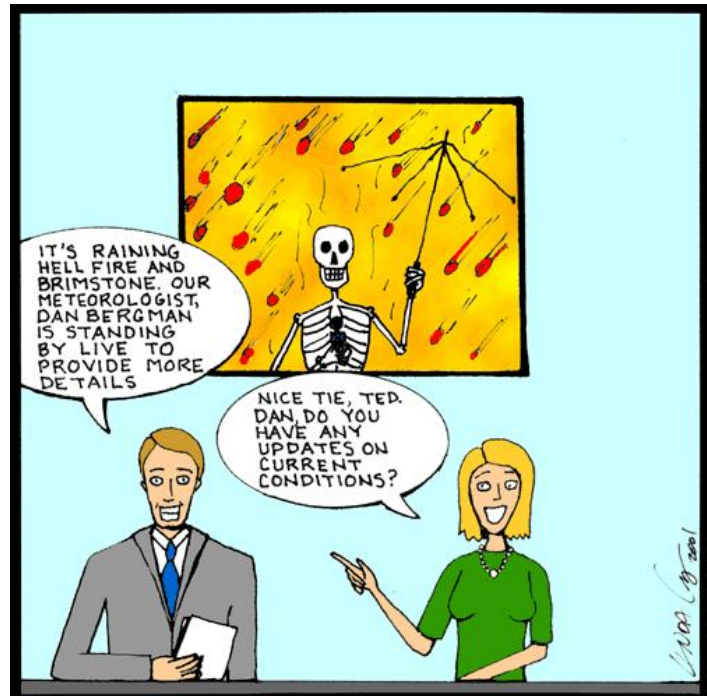
With this issue, Belfort Instrument is introducing **The Lion** an e-newsletter bringing you articles and information about Belfort meteorological sensors and systems, interesting stories about how Belfort instruments are used in the field, and other articles related to our industry.

The lion will be published two or three times a year and will cover some interesting information about the meteorological industry and hopefully some amusing articles as well.

Of course your feedback is encouraged. Send areas of interest, stories, articles or anything you feel readers of The Lion would like to see. Please send the information to

rpetragnani@belfortinstrument.com.

Enjoy the first issue!



Ultrasonic Crane Wind Alarm



Model 6115
Ultrasonic Wind Crane Alarm

Belfort has updated its popular wind crane alarm system with the introduction of an ultrasonic wind sensor.

OSHA requires an enclosed structure be fitted with an operable wind measuring and indicating device for maritime construction and general industry use or any rail mounted bridge or portal crane located outside. That's where our new Model 6115 crane alarm comes in.

Wind speed and wind direction is measured using the non-moving part ultrasonic wind sensor mounted either on the crane assembly or on a nearby structure.

The advanced crane alarm system has a digital display mounted in the crane cab for operator notification. The wind alarm console provides:

- Digital Wind Speed Indicator
- Low Limit Warning Light
- High Limit Warning Light
- Red Caution Light
- Stop Operation Horn
- High and Low Limit Test Switch

The system has a built-in time delay (selectable) to prevent short duration wind gusts from causing "false" alarms. The Crane Alarm System also has external connections available to operate remote lights, remote alarms, horns, or sirens, and even actuate crane brakes.

Contact the Belfort Sales Department at **800 937-2353** to learn more about the Ultrasonic Crane Wind Alarm.

Weather News

NOAA Issues U.S. Winter Update; December, January, February Seasonal Forecast Still on Course

DigiWx Digest

Last month (October) Belfort installed DigiWX II AWOS systems in Libby, MT (S59) and Red Lodge, MT (RED).



A demonstration DigiWx II was installed at a Tennessee airport for a 30 day demo period. General Aviation airports in Tennessee are evaluating the low cost DigiWx II AWOS.

However, the big news for October was the FAA commissioning of the DigiWx II installed at Greenville, IL. (GRE)

This was the first DigiWx II to be inspected and commissioned by the FAA. In fact, this is the first Unicom based AWOS system to be FAA commissioned.

This means the DigiWx II is a certified weather reporting station and critical data such as altimeter and visibility can be used for both VFR and IFR approaches to the airport.

Greenville, IL may have been the first but it certainly won't be the last. Belfort will now start a program to commission all of its DigiWx II AWOS stations.

For more information on these DigiWx II installations or if your airport might be right for the low cost leader in FAA approved AWOS systems contact DigiWx Sales at **800 937-2353**.

About Belfort Instrument Company:

Belfort is a leading provider of weather instruments to the government, professional meteorology and aviation markets. From wind sensors for the Wright Brothers to state-of-the-art weather instruments for the ASOS (Automated Surface Observation System) platform and all US Navy aircraft carriers, Belfort continues to set the "Standard of Measurement" for the industry. The Belfort Instrument Company celebrated its 125th year in business in 2001! For more information about Belfort Instrument and DigiWx, see our web sites at www.belfortinstrument.com and www.digiwx.com.

The Lion's Den

QUIZ

1. Which gas protects us from the sun's harmful ultraviolet rays?
 - A. Nitrogen
 - B. Neon
 - C. Ozone
2. How thick is the earth's atmosphere?
 - A. 500km
 - B. 800km
 - C. 1200km

Answers on the Belfort Web Page