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AIRMAR INTRODUCES THE PB200 WEATHERSTATION® INSTRUMENT—AN ADVANCED SENSOR FOR ALL WEATHER AND NAVIGATION NEEDS

Compact Device Combines Wind, Weather, Heading, and GPS Data—All With No Moving Parts

Milford, New Hampshire (June 11, 2008)—Airmar Technology Corporation has released its PB200 WeatherStation® Instrument—the only all-in-one marine sensor that combines weather and navigation information. This single waterproof device replaces an array of sensors and is capable of providing all navigation, heading, and weather data for today's marine electronics and onboard computers. This all-in-one solution can be fully integrated with existing NMEA 0183 electronics or used as part of a NMEA 2000® network—and can even output both data formats simultaneously.

The heart of the PB200 is Airmar's ultrasonic weather sensing technology, which uses four ultrasonic transducers to accurately calculate wind speed and direction. In addition to monitoring wind, the PB200's internal temperature and barometric pressure sensors can assist in predicting changing weather patterns, helping navigators plan safe travel. Coupled with Airmar's WeatherCaster™ PC software, the PB200 is a powerful stand-alone weather monitoring solution. The software graphically displays true and apparent wind speed & direction, air temperature, wind chill temperature, barometric pressure, heading, rate of turn, pitch and roll, and GPS information.

What truly sets this advanced sensor apart from the PB100 and the competition is its ability to provide accurate and stable heading data in real-world conditions—such as rough seas and sharp turns. Airmar's unique dynamic motion correction software is the key difference. Combined algorithms from the three-axis compass, three-axis accelerometer, and yaw rate gyro provide 2° or better heading accuracy—even if the vessel is pitching and rolling up to 20° in dynamic conditions. This level of accuracy allows the PB200 to measure True Wind Speed and Direction, even when tilted up to 30 degrees.

Sending the PB200's heading data to other on-board electronics will dramatically improve their performance as well. Autopilots will steer straighter than ever before—even in rough seas. Watch as radar targets on the radar screen, or overlaid on the chartplotter stay in the precise position—even when making fast, sharp turns.

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Unlike the competition, there are no add-ons needed to calculate true wind or provide GPS—which can complicate the installation and unexpectedly increase the price. With its rugged design and zero moving parts, the PB200 is engineered to provide reliable, accurate data under the harshest marine conditions, and do so over the long run. To ensure the highest possible level of accuracy, each Airmar WeatherStation is tested and calibrated in an onsite wind tunnel, whose wind measurements are traceable to a National Institute of Standards and Technology (NIST) Standard Reference Material.

For more information on the new PB200 Ultrasonic WeatherStation—or any of the advanced transducer and sensor products from this global marine industry leader—contact Airmar Technology Corp., 35 Meadowbrook Drive, Milford, NH 03055. Telephone: (603) 673-9570. Or visit the company's informative website at **www.airmar.com**.

Availability

Available: Summer 2008

Estimated Retail Price: $1495

High-resolution images available — email **ron@strike-zone.net**

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