



## FOR IMMEDIATE RELEASE

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Wilson Electronics announces *new* Dual-Band Marine Antenna

### ***Omni-directional Antenna Improves Cellular and PCS Signals for Cell Phone and Cellular Data Card Users on Boats and Most Any Marine Application***

**St George, UT - 2007** – Wilson Electronics, a leading manufacturer of cellular amplifiers and antennas, announces release of its new Dual-Band Marine Antenna. The new antenna increases signal strength for Cellular and PCS cell phones and cellular data card users. The signal increase allows users to connect and hold cellular calls from greater distances off-shore. Combined with a Wilson Cellular Amplifier, the Dual-Band Marine Antenna can improve signal quality, strength, data communication rates and increase service range up to 50 miles.

“We have designed and built a marine antenna that not only gives the maximum gain allowed by the FCC for a mobile antenna,” said Alan Van Buren, Wilson electrical engineer and antenna designer, “but is highly resistant to any kind of moisture and salt corrosion.”

“The Dual-Band Marine Antenna presented us with two engineering challenges,” said Rob Carrier, Wilson mechanical engineer. “We needed an effective omni-directional antenna and we needed a way to protect the antenna from the harsh marine environment.”

This sleek, compact antenna, designed for outside use on any type of marine craft, will increase signal strength by 5.12 decibels (dBi) in the 800 MHz Cellular band and by 6.12 decibels (dBi) in the 1900 MHz PCS band. In addition, the Dual-Band Marine Antenna may be used in any marine situation, such as a home or building located near the ocean, where the environment would damage or shorten the lifespan of a conventional antenna.

The Dual-Band Marine Antenna is 53.3 centimeters in height and 26 millimeters in diameter. The antenna whip is stainless steel and the outer casing is made of fiberglass. It presents less than 135 square centimeters of surface area to the wind and weather and has a built-in radial ground plane. The Dual-Band Marine Antenna’s impedance is 50 ohms and performs on both the 806-894 MHz and 1850-1990 MHz bands. The antenna coupler included with the antenna allows it to be mounted on a standard 1-inch x 14 threaded marine antenna mount.

For more information about Wilson’s new products, or product samples for review, visit them at the CTIA Wireless 2007, Booth #5563 in the West Building, Hall D-1 (near the CTIA Wireless Building).

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### **About Wilson Electronics Inc.**

Located in St. George, Utah, Wilson Electronics, Inc. has been a leader in the wireless communications industry for nearly 40 years. With expertise in RF antenna and amplifier research and development, the experienced Wilson engineering team uses a state-of-the-art testing laboratory, including an anechoic chamber and network analyzers, to fine tune antenna designs and performance. For our amplifiers, we use double electrically insulated RF enclosures and cell site simulators for compliance testing. Manufactured in the USA, all Wilson products are designed and tested to the highest quality standards possible. For more information, please call (800) 204-4104, email [info@wilsonelectronics.com](mailto:info@wilsonelectronics.com) or visit [www.wilsonelectronics.com](http://www.wilsonelectronics.com).