

## **FREEWAVE'S MILITARY RADIOS REACH MILESTONE OF MORE THAN 800,000 HOURS OF UNMANNED FLIGHT TIME LOGGED**

*Wireless data radio manufacturer selected by multiple government agencies and military OEMs based on performance and reliability*

AUVSI, Denver, Colo., BOOTH #514, Aug. 24, 2010 -- FreeWave Technologies, Inc. (<http://www.freewave.com>), manufacturer of the most reliable, high-performance spread spectrum and licensed radios for critical data transmission, today announced that its family of military radios have surpassed more than 800,000 unmanned flight hours logged through its multiple OEM partners – the majority of which has been in support of combat missions for the U.S. Armed Services.

FreeWave's wireless data radio technology is born out of the same spread spectrum technology that originally was created for the U.S. Navy during World War II to prevent the Germans from "jamming" American radio transmissions for radio-guided torpedoes making it an ideal solution for multiple military applications. Examples include command and control of Unmanned Vehicles (UVs) such as air, ground and surface, Unattended Ground Sensors, asset tracking of personnel, supplies and equipment, and guided parachutes/parafoils.

FreeWave developed and shipped its first military radio in 1997. Since that time, it has been selected by many of the world's largest military and government agencies and OEMs because of its proven reliability in adverse weather conditions and terrain, extreme noise immunity, long-range and high-speed capabilities and extended battery life.

"Reaching this milestone of more than 800,000 flight hours logged is testament to the full range of capabilities FreeWave's military radios offer and have been counted on by some of the world's largest and most well-respected government and military agencies," said Ken Granader, vice president of sales for FreeWave. "We have extended the same high-performance and capabilities now with our tiny form factor and light-weight MM2 family

of radios which gives military customers even greater reach, distance and endurance due to the very small size and light weight.”

Measuring about the size of a quarter, FreeWave’s family of MM2 radios is known for its light weight and small size. The tiny features are key factors in allowing UAVs to fly longer missions. Longer missions equate to more intelligence from the UAVs – saving lives on the ground.

The entire family of MM2 radios at FreeWave offers a variety of features that cannot be found anywhere else in the market. Key features include:

- ✓ Tiny footprint – designed specifically for unmanned systems, the mini, yet powerful, MM2 radio weighs only 14 grams with a size of 1.4-inches high by 2.0-inches wide.
- ✓ Long-range – links of 90 miles have been achieved.
- ✓ Unequaled low signal performance – RISC-based signal demodulation with matched filter.
- ✓ Unparalleled signal performance – the GaAs FET RF front end with multi-stage surface-acoustic-wave (SAW) filters has an unmatched combination of overload immunity and sensitivity.
- ✓ Versatile – can be used in a security network as a master, slave, repeater or slave/repeater depending upon its programming.
- ✓ High noise immunity – offers superior performance in noise-congested environments.
- ✓ Secure – FreeWave’s proprietary spread spectrum technology prevents detection and unauthorized access; 256-bit AES encryption available.
- ✓ Reliable – 100 percent tested for RF performance from -40 degrees Celsius to +85 degrees Celsius.

FreeWave is demonstrating its full line of military radio solutions at AUVSI in booth #514. Or call FreeWave at 866-923-9948 or visit the company’s website at

<http://www.freewave.com/phpscript/freewave-industries/government.php> or [www.freewave.com/mm2](http://www.freewave.com/mm2) for more information.

### **About FreeWave Technologies**

Founded in 1993, FreeWave Technologies manufactures the most reliable, high performing, lowest power consumption, spread spectrum and licensed radios for mission-critical data transmission. Through engineering excellence and a relentless commitment to best-in-class manufacturing, FreeWave customers enjoy superior radio up-time, range and the lowest cost of ownership available. Based in Boulder, Colorado, FreeWave designs and manufactures radios that are the leading choice for oil and gas, utility, military and numerous other industrial applications. Organizations that count on radio data communications for operational success – where failure and down-time are not an option – trust FreeWave for custom network design, system engineering and customer support that is unparalleled in the market. For additional information, contact FreeWave directly at 866.399.4930 or at [newsinfo@freewave.com](mailto:newsinfo@freewave.com). Visit the company's website at [www.freewave.com](http://www.freewave.com).

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### **Press Contact:**

Terri Douglas  
Catapult PR-IR  
Office: 303.581.7760, ext. 18  
Cell: 303.808.6820