Military Radios Reach Milestone of More than 800,000 Hours of Flight Time Logged

FreeWave Technologies, Inc. today announced that its family of military radios have surpassed more than 800,000 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 Aerial Vehicles (UAVs), Unmanned Ground Vehicles (UGVs), Unmanned Underwater Vehicles (UUVs), 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.

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.

•Unequalled 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.

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