



## Harris Corporation Receives National Security Agency Certification for Falcon III Multiband Manpack Radio

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### *First Wideband Networking Radio to Receive NSA-Type 1 Certification*

**ROCHESTER, NY, January 7, 2008** — Harris Corporation (NYSE:HRS), an international communications and information technology company, has received certification from the National Security Agency (NSA) for its Falcon® III multiband, multimission manpack radio. The Falcon III AN/PRC-117G(C), known as the RF-300M-MP during its development phase, is the first wideband networking radio to utilize the Software Communication Architecture (SCA) and receive NSA Type 1 certification for the protection of voice and data traffic up through the TOP SECRET level. First deliveries will be made immediately.

The Falcon III AN/PRC-117G(C) is a manpack companion radio to the JTRS-approved Falcon III AN/PRC-152(C) multiband handheld and AN/VRC-110 vehicular radios. The Falcon III family of software-defined tactical communication equipment is designed to advance the U.S. military's vision of network-centric warfare.

"Certification was a critical requirement for fielding the Falcon III AN/PRC-117G(C), which is the first Type-1 secure tactical radio with wideband networking waveforms," said George Helm, vice president and general manager, U.S. Government Products, Harris RF Communications. "Type-1 certification ensures that our customers will have the highest levels of information security for their emerging network-centric communications. The programmable Sierra™ II encryption technology used in the Falcon III manpack provides this level of security for wideband networking waveforms as well as narrowband legacy waveforms and will host new security algorithms as they are developed."

### **Background on the Falcon III AN/PRC-117G(C)**

The Falcon III AN/PRC-117G(C) was specifically designed to host advanced government waveforms. The radio currently incorporates the Harris Advanced Networking Wideband Waveform (ANW2) for mobile ad-hoc networking. The ANW2 networking waveform provides secure IP data to the tactical Internet at on-air rates up to 10 Megabits per second (Mbps). This high data rate-joined with mobile ad-hoc networking, automated network establishment and maintenance, and integrated security-provides a powerful networking solution. In addition, the AN/PRC-117G(C) and its software-defined architecture offers interoperability with currently fielded radios, incorporating SINCGARS, Havequick II, and the High Performance Waveform (HPW), as well as MIL-STD-181B Tactical Satellite (TACSAT) capability.

The AN/PRC-117G(C) also utilizes the Harris Sierra II software-programmable encryption module, a reprogrammable cryptographic device that can be embedded in a variety of voice and data products for protection of information up to the TOP SECRET level. Sierra II is the cryptographic engine for several U.S. Type-1 radios, including the AN/PRC-152(C) multiband handheld radio.

Falcon III radios offer a 30 MHz to 2 GHz frequency range, an SCA-operating environment, significant processing power, and the ability to accommodate new waveforms for networking, TACSAT, commercial L-Band satellite, and public safety interoperability.

Harris RF Communications Division is a leading supplier of secure voice and data communications products, systems, and networks to military, government, and commercial organizations worldwide.

### **About Harris Corporation**

Harris is an international communications and information technology company serving government and commercial markets in more than 150 countries. Headquartered in Melbourne, Florida, the

company has annual revenue of over \$4 billion and 16,000 employees — including nearly 7,000 engineers and scientists. Harris is dedicated to developing best-in-class *assured communications*™ products, systems, and services. Additional information about Harris Corporation is available at [www.harris.com](http://www.harris.com).

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