



News Release

Joint Program Executive Office, Joint Tactical Radio System

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JPEO JTRS Awards Small Business Innovation Research Contracts

SAN DIEGO - The Joint Program Executive Office (JPEO).Joint Tactical Radio System (JTRS) has awarded six Small Business Innovation Research (SBIR) Phase II contracts to develop technologies and capabilities planned for transition into the JTRS tactical wireless communications and networking family of acquisition programs. Leveraging the agility and creativity of small businesses, JPEO JTRS is seeking to support the development of the U.S. industrial base in the emerging field of Software Defined Radios (SDRs), in addition to obtaining cost-effective, cutting-edge products to address Department of Defense requirements.

Mayflower Communications Company Inc., Burlington, Mass., has been awarded a \$739,686 SBIR Phase II contract (N00039-07-C-0047) to enhance the capabilities of its compact, low-cost, low-power consumption Selective Availability Anti-Spoofing Module Global Positioning-System receiver. This assembly will be compatible with the Ground-Based GPS Receiver Application Module standard to facilitate integration into embedded military applications such as the JTRS HMS tactical radio product line.

The Space and Naval Warfare Systems Center, San Diego, Calif., is the contracting activity for all awarded contracts.

About JPEO JTRS

The Joint Tactical Radio System, headquartered in San Diego, Calif, was initiated in early 1997 to improve and consolidate the Services' pursuit of separate solutions to replace existing legacy radios in the Department of Defense inventory. The JTRS program has evolved from separate radio replacement programs to an integrated effort to network multiple weapon system platforms and forward combat units where it matters most – the last tactical mile. JTRS will link the power of the Global Information Grid to the warfighter in applying fire effects and achieving overall battlefield superiority.

JTRS is developing an open architecture of cutting edge radio waveform technology that allows multiple radio types (e.g., handheld, aircraft, maritime) to communicate with each other. The goal is to produce a family of interoperable, modular software-defined radios which operate as nodes in a network to ensure secure wireless communication and networking services for mobile and fixed forces. These goals extend to U.S. allies, coalition partners and, in time, disaster response personnel.