

FOR IMMEDIATE RELEASE

***NUWAVES ENGINEERING TEAM WINS AIR FORCE
SMALL BUSINESS INNOVATION RESEARCH PHASE II CONTRACT
FOR GPS SATELLITE RADIO FREQUENCY FILTERS***

Middletown, Ohio, October 12, 2015 – NuWaves Engineering, a veteran-owned small business delivering advanced radio frequency (RF) and microwave solutions, announced today that the company has been awarded a Phase II Small Business Innovation Research (SBIR) contract from the U.S. Air Force Research Laboratory (AFRL) to develop and test an advanced triplexer in support of AFRL’s Global Positioning System (GPS) technology development program.

Under the AFRL-sponsored technology development effort, NuWaves Engineering and Exelis Inc., a wholly owned subsidiary of Harris Corp., will investigate, design, fabricate and test an innovative broadband, high-power-handling, low-insertion-loss triplexer designed to work on the GPS navigation payload. During Phase I the team designed and prototyped a GPS L1 band cavity filter and subjected the unit to multipaction testing in order to gain important insight to apply to the Phase II development plan. In Phase II the team will incorporate advanced filtering and cross-coupling techniques to minimize loss and maximize bandwidth, while also maintaining high isolation between channels.

“The combination of NuWaves’ advanced filter and multiplexer design capabilities with Harris’ system expertise and in-house qualification testing capabilities is expected to pay dividends,” said Jeff Wells, President and CEO of NuWaves Engineering. “The team looks forward to delivering an affordable solution that the Air Force can count on to meet their GPS performance requirements today and into the foreseeable future.”

“Harris Corp. navigation technology has been on every GPS satellite ever launched,” said Joe Rambala, vice president and general manager of the GPS business at Harris. “The entire program benefits from high-quality partners like NuWaves.”

NuWaves Engineering is a premier supplier of RF and microwave solutions for Department of Defense (DoD), government and industrial customers. An RF engineering powerhouse, NuWaves offers a broad range of design and engineering services related to the development and sustainment of key communications, telemetry and electronic warfare systems, as well as a complete line of commercially available RF products. NuWaves’ products include wideband frequency converters, high-efficiency and miniature solid state power amplifiers and bidirectional amplifiers, high intercept low noise amplifiers and miniature RF filters. NuWaves Engineering...Trusted RF Solutions™.

Harris provides advanced, technology-based solutions that solve government and commercial customers’ mission critical challenges. The company has approximately \$8 billion in annualized revenue and more than 22,000 employees — including 9,000 engineers and scientists — supporting customers in more than 125 countries. Learn more at harris.com.

Contact Ryan Canning, Director of Business Development, at (513) 360-0800, or visit nuwaves.com for more information.

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