



News

For Immediate Release

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Syntonics Begins 2007 Tuned In On Antennas for the U.S. Government

COLUMBIA, MD. January 24, 2007 . . . Syntonics LLC, based in Columbia, Md., ended 2006 by winning three Small Business Innovative Research (SBIR) contracts and opened 2007 with a fourth win. The Government, taking advantage of Syntonics' skill and experience in antenna development, awarded four separate contracts, one a prized Phase II agreement and one leading directly to Phase II.

The Navy awarded a Phase II SBIR contract to develop a prototype multi-mode antenna system. The antenna system operates variously in omni-directional or electronically beam-steered modes to transmit and receive line-of-sight and UHF tactical satellite communications and receive GPS signals. The Navy also exercised its option to develop a prototype of Syntonics' Pixel-Addressable Reconfigurable Conformal Antenna (PARCA) invention to replace or supplement existing antennas used for tactical jamming; this option leads to a Phase II project starting mid-2007. In the third SBIR award for late 2006, the Navy asked Syntonics to investigate the feasibility of applying its PARCA technology for high frequency satellite communications on airborne platforms such as the Multi-mission Maritime Aircraft (MMA).

2007 opened with a Phase I SBIR award by a DoD command that has Syntonics investigating a novel multi-band Direction Finding (DF) antenna array. Bruce Montgomery, President of Syntonics said, "This contract is a natural extension of our earlier work to develop a suite of handheld tactical antennas for special mission requirements."

Syntonics is performing all these projects teamed with The ElectroScience Laboratory (ESL) of The Ohio State University in Columbus, OH. The ElectroScience Laboratory is internationally recognized for its expertise in antenna design and electromagnetic theory.

Syntonics is a defense electronics company that produces the FORAX RF-over-fiber communication systems for military radios and develops innovative antennas for specialty military applications. For more information on Syntonics and its products, please see the company's website at www.SyntonicsCorp.com.