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SPACE PHOTONICS STARTS WORK ON FIVE NEW CONTRACTS WORTH \$2.8 MILLION FROM THE OFFICE OF NAVAL RESEARCH, NASA, ARMY, AND THE AIR FORCE

FAYETTEVILLE, Ark.— Space Photonics, Inc. announced today that the company has recently started work on five new projects totaling \$2.8 million. The next phase of the projects could be worth as much as \$5.4 million; these will start next year after the initial phase of each are completed.

The programs were awarded by the Office of Naval Research in Arlington Virginia, Air Force Research Lab at Wright Patterson Air Force Base Ohio, Army Redstone Huntsville Alabama, NASA Stennis Space Center Mississippi, and NASAs Goddard Space Flight Center in Greenbelt Maryland.

The Navy program will continue the company's development work in recent years to provide resistance to tampering and prevention of reverse engineering of critical military systems. Many systems are vulnerable to capture, and in many cases attempts will be made to figure out the technology for their own use. The Department of Defense (DoD) has placed a very high priority on these efforts to eliminate tampering and copying as well as the interception of many communications systems. A key technology developed by Space Photonics is their *LaserFire*[®] Free Space Optical (FSO) communications systems that will be designed and produced with tamper resistant technology; the FSO systems are a key focus for the Navy program since many of the vehicles that will use FSO are vulnerable to capture.

During the second year of the Navy program, Space Photonics will work with the nano-technology centers at both the University of Arkansas Fayetteville and Little Rock for the development and analysis of innovative nano-materials and applications toward the elimination of reverse engineering. Each of these centers provides unique nano-material fabrication and analysis capabilities that will provide assistance and expertise to the program.

The Army program, another anti-reverse engineering effort, will develop a unique electronics and software based protection system. The two NASA programs are developing innovative high capacity fiber optics devices. The Air Force program is working with the University of Arkansas' Professor Jia Di for the development of a very unique and widely applicable integrated circuit.

Space Photonics has received over \$26 million in optoelectronics and communications development programs and provides products capable of withstanding very harsh environments, including deep space and near earth orbiting spacecraft. In 2010, Space Shuttle STS-129 delivered to the International Space Station external systems using Space Photonic's fiber optics network components. The company continues its collaborations with the University of Arkansas at Fayetteville and at Little Rock, the Arkansas Science and Technology Authority (ASTA), and the Arkansas Economic Development Commission (AEDC - <http://arkansasedc.com/>). For additional information about Space Photonics, visit the company web site at www.spacephotonics.com.