

NEWS RELEASE



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Aeroflex Announces R&D Agreement with Public Safety Communications Research Program

Proper stress testing of the new LTE-based public safety communications network is vital to police, fire, and emergency response

Plainview, NY— March 10, 2011—Aeroflex Incorporated, a wholly owned subsidiary of Aeroflex Holding Corp. (NYSE:ARX), announced today that it has entered into a cooperative research and development agreement with the U.S. Department of Commerce's Public Safety Communications Research (PSCR) program.

Under the agreement, PSCR is using Aeroflex's TM500 Test Mobile system to test LTE (Long Term Evolution) network infrastructure for U.S. public safety broadband networks. The first call was completed successfully on the LTE wireless broadband network designated for public safety using an Aeroflex TM500 Test Mobile with an Alcatel-Lucent base station.

A national, interoperable public safety network has unique needs and specifications compared with other networks. For example, network robustness must be tested to make certain the network can handle sudden spikes in network traffic during emergencies, as well as potential heavy loads in sparsely populated areas. PSCR sees testing to verify these requirements as an important part of its network evaluation process.

The TM500 Test Mobile is the only test system available today that can emulate real emergency network traffic scenarios and public safety use cases with LTE-based public safety network equipment. The TM500 Test Mobile includes the latest 3GPP specification with all features required for public safety communications. As the rollout of LTE public safety network is completed over the next few years, the TM500 Test Mobile can expand to meet any test requirement.

“In an emergency, hundreds of first responders will simultaneously begin using the network with different levels of access and priority. These unique public safety scenarios necessitate testing the type of real world network usage that can only be properly emulated with the TM500 Test Mobile system,” said Oleg Fishel, North American Marketing Manager, Aeroflex Test Solutions.

About the TM500 Test Mobile family from Aeroflex

The Aeroflex TM500 Test Mobile family has established itself as a leading test solution for cellular infrastructure equipment manufacturers worldwide. Manufacturers must test network equipment under realistic operating conditions. All the major infrastructure vendors, as well as many femtocell manufacturers, currently use the TM500 Test Mobile. The TM500 Test Mobile offers all the capabilities of a mobile handset or set of mobile handsets, with advanced test functionality for comprehensive 3GPP verification, validation, and optimization.

About the PSCR

The U.S. government has mandated a nationally interoperable public safety network based on the LTE standard as defined by 3GPP (3rd Generation Partnership Project), the telecommunications industry standards body. The National Telecommunications and Information Association (NTIA) began granting federal funds in 2010 for public safety network rollouts.

The PSCR, a partnership of NTIA's Institute for Telecommunication Sciences and the Law Enforcement Standards Office at Commerce's National Institute of Standards and Technology, acts as an objective technical advisor and laboratory for critical public safety communication standards and technologies. As part of its role, PSCR will be deploying and operating a demonstration and evaluation LTE network for public safety broadband. This network will serve the dual purpose of demonstrating the technological capabilities and allow public safety entities to evaluate infrastructure vendor's equipment against a live public safety network.

About Aeroflex

Aeroflex Incorporated is a leading global provider of microelectronic components and test and measurement equipment used by companies in the space, avionics, defense, commercial wireless communications, medical and other markets.

All statements other than statements of historical fact included in this press release regarding Aeroflex's business strategy and plans and objectives of its management for future operations are forward-looking statements. When used in this press release, words such as "anticipate," "believe," "estimate," "expect," "intend" and similar expressions, as they relate to Aeroflex or its management, identify forward-looking statements. Such forward-looking statements are based on the current beliefs of Aeroflex's management, as well as assumptions made by and information currently available to its management. Actual results could differ materially from those contemplated by the forward-looking statements as a result of certain factors, including but not limited to, adverse developments in the global economy; the inability to make payments on our significant indebtedness, dependence on growth in customers' businesses; the inability to remain competitive in the markets Aeroflex serves; the inability to continue to develop, manufacture and market innovative, customized products and services that meet customer requirements for performance and reliability; any failure of suppliers to provide raw materials and/or properly functioning component parts; the termination of key contracts, including technology license agreements, or loss of key customers; the inability to protect intellectual property; the failure to comply with regulations such as International Traffic in Arms Regulations and any changes in regulations; exposure to auction rate securities and the impact this exposure has on liquidity; the failure to realize anticipated benefits from completed acquisitions, divestitures or restructurings, or the possibility that such acquisitions, divestitures or restructurings could adversely affect Aeroflex; the loss of key employees; exposure to foreign currency exchange rate risks; and terrorist acts or acts of war. Such statements reflect the current views of management with respect to the future and are subject to

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these and other risks, uncertainties and assumptions. Aeroflex does not undertake any obligation to update such forward-looking statements.