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Aeroflex Becomes One of the First Global Test Vendors Granted TD Industry Alliance Membership Status

*Aeroflex's TD test solutions widely adopted by Chinese manufacturers;
helps speed up worldwide deployment of TD standards*

Stevenage, UK and Beijing, China—September 27, 2011—The TD Industry Alliance (TDIA) and Aeroflex Limited, a wholly owned subsidiary of Aeroflex Holding Corp. (NYSE:ARX), announced today that Aeroflex has been granted non-council membership status to TDIA.

TDIA is a trade group promoting mobile communications enterprises based on TD-SCDMA and TD-LTE, international telecommunications standards proposed by China. Aeroflex is one of the first global test and measurement (T&M) instrument vendors to become a member of TDIA. Aeroflex's TD test solutions have been widely adopted by Chinese manufacturers.

The TDIA Council alliance's resolution states that Aeroflex's portfolio of T&M solutions for research and development (R&D) and production testing of TD infrastructure equipment, terminals (handsets and other user equipment), and integrated circuits (chips) have received wide recognition. TD standards and related industries are now being adopted for broader mobile communications development worldwide.

"Aeroflex is an important core enterprise in the node of TD test instruments. As a world-renowned communications test company, Aeroflex insists on R&D investment in TD test products. It merges its brand advantages accumulated over years of innovation, with an assiduous spirit of exploration for products aimed at R&D and promotion of TD test instruments. Aeroflex devotes itself to TD-SCDMA

and TD-LTE commercialization work in the long term and makes important contributions to the overall enhancement of TD test instruments. Aeroflex deserves to become a member of the TD Industry Alliance,” said Hua Yang, secretary-general, TD Industry Alliance.

Test systems development key to TD-SCDMA and TD-LTE deployment

Based on successful deployment, TD-SCDMA is currently moving on a fast development track. As a mainstream 4G (4th Generation) international telecommunications standard, TD-LTE has progressed significantly with active participation and joint promotion of global vendors. TD-LTE has formed a complete supply chain that covers all key nodes including infrastructure equipment, chips, terminals, and test instruments.

With over 20 countries building TD-LTE networks, the TD-LTE industry is moving toward international deployment. Development of test systems specifically for TD-SCDMA, TD-LTE, and TD-LTEA will be the key for further development of the TD industry. The TDIA resolution granting Aeroflex’s non-council membership of TDIA will help speed up development within the TD industry. The resolution was passed during the 17th council meeting of TD Industry Alliance and announced on Sept. 15, 2011.

“We are encouraged by becoming a member of TD Industry Alliance. This is a starting point for Aeroflex being more deeply involved in the development of the TD industry. China’s innovation policy has brought development opportunities for the TD industry and Aeroflex. Our broad test systems in R&D and production have advanced architectures and technologies. We provide the most comprehensive test systems for infrastructure equipment, terminals, and chips related to various standards in TDD and FDD, as well as mainstream standards,” said Fred Jiang, general manager for Greater China, Aeroflex Test Solutions.

Added Hua Yang, “Aeroflex joining the TD Industry Alliance helps drive and implement the closer exchange of upstream and downstream enterprises in the supply chain of the TD industry and carry out substantive cooperation of the TD industry in international and domestic markets. It also helps further boost the commercial performance and level of TD test instruments. This event is another important proof of the internationalization of the TD industry. Aeroflex will move

forward hand in hand with other members of the TD Industry Alliance in the future, and jointly build up a bright future of large-scale successful commercialization of TD in international and domestic markets.”

About Aeroflex TD test solutions

Aeroflex is a global leading test solution vendor in the mobile communication market. Aeroflex provides broad support for industrialization and successful deployment of TD-SCDMA and TD-LTE through a complete set of test systems.

Aeroflex’s complete set of TD test solutions include:

- TM500 Test Mobile for R&D testing of TD-LTE base stations
- EAST500 LTE Capacity Test System for capacity and performance testing of base stations
- 7100 LTE Digital Radio Test Set for R&D test of LTE terminals
- PXI 3000 Series modular instrumentation for production testing of LTE terminals

Aeroflex’s entire portfolio of TD test solutions has been widely used in China. Test systems by Aeroflex have been selected by CATR under the China Ministry of Industry and Information Technology, China Mobile Communication Group, and other broad vendors of TD-LTE infrastructure equipment, terminals, and chips.

About TD Industry Alliance (TDIA)

TD Industry Alliance (TDIA) was founded on October 30, 2002. Its member enterprises include China Mobile Communications Cooperation, Datang Telecom Technology and Industry Group, Huawei Technologies Co., Ltd., Legend (Beijing) Ltd., ZTE Corporation, POTEVIO Co., Ltd., SAMSUNG Electronics Co., Ltd., MediaTek Inc, ST-Ericsson, SK Telecom (China) Holding Co., Ltd. and some other foreign and native famous communication enterprises, involving each link of the TD industry chain, from operation, system, chipset, UE and testing instruments. As Aeroflex Incorporated, Marvell Technology Group Ltd. and other enterprises join TDIA, the total number of TDIA member comes to 90. TDIA is dedicated to promoting TDD technology worldwide, integrating industry resources, advancing the development of the communication industry based on TD-SCDMA and TD—LTE technologies and revolutionizing technology and leading TDIA members to realize

win-win situations contributing to the mobile communication industry. TDIA has become an important internationally famous platform of TD market expansion and industry promotion.

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.

Forward Looking Statements

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