



ORBIT's New Auto-Tracking Triple Band Systems Successfully Deployed at US Naval Air Station Patuxent River

Demonstrates Unprecedented Tracking Performance in L, S & C Bands– To Be Presented at ITC

Deerfield Beach, Florida, October 22, 2012 – ORBIT Communication Systems, Inc. a subsidiary of ORBIT Technologies Ltd. (TASE: ORBI) provider of mission-critical connectivity solutions in a variety of markets, including satellite communications, tracking and telemetry, and communications management systems, today announced that its new Triple Band tracking antenna systems have been successfully deployed and tested at the US Naval Air Station Patuxent River. This is the first operational deployment of ORBIT's breakthrough Triple Band technology, designed to deliver unmatched performance for long-range telemetry missions while facilitating a smooth augmentation of C-band.

ORBIT's patent-pending Triple Band feed is an innovative solution developed in response to the telemetry market's growing adoption of C-band frequencies in parallel to their legacy L and S bands. Based on its concentric coaxial cavity technology, ORBIT offers a single feed supporting simultaneous telemetry communication in all three bands for various antenna reflector sizes. Moreover, the feed enables switching between tracking bands on the fly without compromising performance.

Two Triple Band systems were delivered for field testing to the Naval Air Warfare Center telemetry team, which defined the stringent test requirements and conducted the actual tests. The results of these tests demonstrated the clear superiority of ORBIT's new feed in terms of performance to any other available technology.

ORBIT's Triple Band solution is available for order and can be supplied as part of a new system or via ORBIT's upgrade and refurbishment program.

"We believe that this successful deployment at the US Naval Air Station Patuxent River enables ORBIT to position itself as a high-end solution provider for aeronautical test telemetry applications," said Mr. Israel Adan, CEO of ORBIT Communication Systems, Inc. "Our breakthrough technology has shown its ability to deliver unmatched Triple Band tracking performance in accordance with the most stringent military requirements. We are eager to provide this capability to the various US Government agencies to help them meet their evolving requirements"

ORBIT's tracking antenna systems are part of ORBIT's field-proven suite of Tracking & Telemetry systems, which enable continuous communication with aircraft, missiles and UAVs. ORBIT's flight telemetry systems can be operated from fixed positions as well as mobile platforms such as vessels.

ORBIT will formally unveil its new auto-tracking Triple Band solution at the International Telemetry Conference (ITC) being held on October 23-25 in San Diego, CA at booth 220. In addition ORBIT will provide an insight into its new technology at the technical session that will be presented by Mr. Miron Voin, ORBIT's chief architect, scheduled for Wednesday October, 24 at 3:30pm in Royal Palm Salon 2.

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About ORBIT Communication Systems, Inc.

ORBIT is a global provider of highly engineered mission-critical communications systems and solutions for maritime, aerospace, weather, and earth observation applications in commercial, defense and homeland security markets. Our portfolio includes Tracking & Telemetry, mobile Satellite Communications, and Communications Management Systems which are deployed on thousands of marine, airborne and ground platforms worldwide. ORBIT's customers include the US armed forces, research institutions, major integrators such as Northrop Grumman, Boeing, Lockheed Martin, L3 Communications, General Dynamics, Sierra Nevada Corp, and Rockwell Collins, communications service providers, and earth observation organizations.

ORBIT Communication Systems, Inc a subsidiary of ORBIT Technologies Ltd. (TASE: ORBI). The company boasts a global sales and customer support network that includes the United States, Europe, and the Far East in addition to its global technical service centers located around the world.

For more information, please visit www.orbit-cs.com

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