Oceus Networks to Demonstrate Rapidly Deployable Networks for Public Safety

4G LTE Broadband Demonstration Supports FCC's Vision for DACA

RESTON, Va. (May 24, 2012) – Oceus Networks, a proven leader in innovating mobile cellular network solutions, today announced it will support the U.S. Federal Communications Commission (FCC) consideration of the role of High Altitude Platforms in the national public safety network. Oceus will demonstrate the role of fourth generation (4G) Long Term Evolution (LTE) in a rapidly deployable aerial telecommunications architecture capable of providing immediate broadband communications to disaster areas. The broadband trial will begin this September.

"With this network, following major natural disasters or terrorist attacks, first responders can be provided the urgent communications capabilities they have wanted, but lacked," said Douglas C. Smith, president and chief executive officer with Oceus Networks. "We are proud to be working with the FCC and other companies to support our public safety community in this manner. We applaud the Commission for exploring the role of High Altitude Platforms in the Notice of Inquiry that the FCC approved today."

The rapidly deployable mobile network will be based on Oceus Networks' 4G LTE *Xiphos*™, the first-to-market proven portable 4G LTE broadband networks that provide secure high-speed communications. When joined with an airborne platform, a zone of coverage is created to restore critical communications in the first hours after a catastrophic event.

Incorporating a variety of technologies, the trial will be conducted by having a high altitude balloon carry *Xiphos* to near-space altitude. Vent and ballast adjust flying the prevailing winds to move the balloon across and back through the area of operation. First responders on the ground will have access to the terrestrial network using LTE modems to the High Altitude Platform via the large footprint from the airborne cell and a microwave link.

The interoperable solution will work within the First Responder Network Authority's (FRNA) First NET architecture, which was established on Feb 22, 2012 with the passing of the Middle Class Tax Relief and Job Creation Act of 2012. FRNA is as an independent authority established within the National Telecommunications and Information Administration (NTIA). FirstNet's role is to ensure the establishment of a nationwide, interoperable public safety broadband network.

About Oceus Networks

Oceus Networks provides broadband solutions to governments and industry that enable delivery of high-speed voice, video and data communications. The company provides open, standards-based mobile and fixed network infrastructure, as well as an extensive portfolio of public sector-focused solutions to simplify and expedite the deployment of wired and wireless broadband communications solutions. Privately US-owned and operated, Oceus Networks' headquarters are located in Reston, Virginia, with labs in Reston and Plano, Texas. Visit **www.oceusnetworks.com** to learn more.

About Oceus Networks' *Xiphos*™

Xiphos is a fourth-generation (4G) Long Term Evolution (LTE) family of fully interoperable solutions for military personnel and first responders. Ruggedized for extreme environments and situations, *Xiphos* systems provide turnkey, easily deployable broadband networks wherever traditional infrastructures are unavailable or compromised.

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