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## **NEWS RELEASE**

### **ODIS Gets Green Light from the Navy & Receives a Development Contract**

- ***Breakthrough Optical Code Technology has Potential for Air, Space and Commercial Use***

**Shelton, Ct. September 9, 2010** – ODIS Inc. announced today that it has received a development contract with the Navy Air Warfare Center that will involve a Phase I Award of \$150,000. After a period of research conducted by the Navy of ODIS and other competing technologies, the Navy has followed other military branches and chosen ODIS's POET platform as a preferred candidate to develop optical code division multiple access (OCDMA) technology for future avionics systems.

CDMA is widely used in the wireless industry for secure channel allocation to a broad user base. OCDMA has similar potential for the Fiber to the Home (FTTH) application based upon a reduced cost of the optoelectronic interface circuits. ODIS has been awarded a Phase I contract with NAVAIR to develop OCDMA integrated OE circuit approaches for Navy Avionics platforms. The high level of security offered by OCDMA will be deployed at multiple levels in the Department of Defense (DOD) optical avionics multi-core processor networks. The security levels are obtained with the robust encryption techniques afforded by Pseudo-random Noise sequencing in both the time and wavelength domains.

Leon M. Pierhal, President of ODIS, states, "Once ODIS's POET platform is developed and configured to address the Navy's need, the resulting Wavelength Division Multiplexing (WDM) capability will stimulate ODIS's further product development. This development will impact the rapidly growing Active Optical Cable (AOC) and low-cost LAN commercial markets."

POET (PlanarOptoElectric Technology) is ODIS's new and patented semiconductor fabrication process. The heart of POET is a unique and patented Group III-V materials system that supports monolithic fabrication of ICs containing active and passive optical elements, together with high-performance analog and digital elements. For the first time an economical integration of many optical devices together with dense, high-speed analog and high-speed, low-power digital elements are possible in monolithic ICs.

POET allows ODIS to fundamentally alter the landscape for a broad range of applications by offering components with dramatically lowered cost together with increased speed, density, and reliability.

#### **About ODIS Inc.**

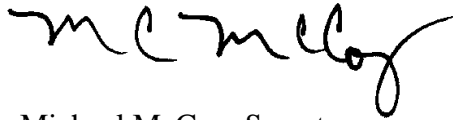
ODIS Inc. ("Opel Defense Integrated Systems") is a Delaware Corporation headquartered in Shelton, Connecticut with offices in Rhode Island and its Research and Development facilities located on the campus of the University of Connecticut. ODIS designs communications transceivers, optoelectronic integrated platforms and infrared sensor type products for military, consumer and industrial applications.

ODIS Inc. – News Release dated September 9, 2010

A leader in gallium arsenide III-V compound structures, the Company has been awarded 32 patents and has 18 more patents pending. For more information about ODIS Inc., please visit [www.opelinc.com/odis.html](http://www.opelinc.com/odis.html)

**DATED SEPTEMBER 9, 2010**

ON BEHALF OF THE BOARD OF DIRECTORS

A handwritten signature in black ink, appearing to read 'mccoy', with a stylized flourish at the end.

Michael McCoy, Secretary

**For further information:**

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