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For Immediate Release

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AEgis Nanogenesis Group Wins MDA SBIR Phase I Award for Enhanced Spacecraft Survivability

Huntsville, Alabama (June 10, 2011) – Nanogenesis, A Division of Aegis Technologies, is awarded an MDA SBIR Phase I for its proposal entitled “Enhanced Spacecraft Survivability”.

The Nanogenesis Group is developing innovative approaches to enhance the survivability of MDA Space Systems through the detection and characterization of laser radiation on spacecraft surfaces in real time. Nanogenesis is addressing the current inability to detect and characterize high-energy laser (HEL) engagements on satellite targets. The group has developed novel instrumentation for HEL test and evaluation and has demonstrated detectors that are capable of measuring HEL profiles at relevant wavelengths. These sensor systems employ an open mesh architecture and micron-scale lithography techniques to achieve good spatial resolution with an extremely low profile that minimizes size and weight impact.

“The Nanogenesis team is excited about the opportunity to supplement MDA space systems with leading edge sensors that will provide mission critical data,” said Jon Woolley, Research Scientist and Principal Investigator for this proposal effort.

David Thomas, VP of the advanced technology development arm of Aegis called Nanogenesis, added, “Aegis has assembled a world-class team to develop innovative approaches to a very challenging problem. The scope of our directed energy (DE) capabilities and facilities that support research, test and operations is unrivaled among small businesses.”

About The Aegis Technologies Group Inc.

The Aegis Technologies Group is a privately held small business headquartered in Huntsville, Alabama, USA, that provides expert modeling & simulation (M&S) and nanotechnology development services to industries throughout the world. The company’s products and services include simulation software and training systems; warfighter exercise support; simulation development and integration; geospatial

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programs; systems engineering and analysis; verification, validation, and accreditation (VV&A); and test and evaluation support. AEGIS' Nanogenesis Division excels in advancing cutting edge micro and nanoscale technologies from concept to deployment with applications ranging from defense to energy to biotechnology.

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