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**Concurrent Technologies Corporation Receives 2008 Defense
Manufacturing Technology Achievement Award**

Johnstown, Pennsylvania, February 25, 2009—Concurrent Technologies Corporation (CTC) and key partners received the 2008 Defense Manufacturing Technology Achievement Award, which is given by the Department of Defense Joint Defense Manufacturing Technology Panel (JDMTP). The award was presented at the Defense Manufacturing Conference (DMC 2008) in Orlando, Florida, on December 2, 2008. The team was honored for developing the LASer-welded corrugated-CORe (LASCOR) metallic sandwich panel technology that is currently being implemented on the DDG 1000 class of guided-missile destroyer ships and are saving the Navy considerable acquisition cost.

CTC operates the Navy Metalworking Center (NMC), which has lead responsibilities for advancing LASCOR technology: specifically to establish a lightweight, stiff and modular steel structural system to reduce weight and improve performance. The project was recognized for optimizing the LASCOR design for materials, manufacturability, joining, structural and protection performance and cost, as well as successfully manufacturing large (78 x 240-inch) LASCOR panels of CRES 2003, a lean duplex stainless steel from Allegheny Ludlum. Testing has shown that these panels provide enhanced strength, protection and corrosion resistance.

As a result of the advancements in LASCOR technology made in the NMC project, CTC was able to contribute to a separate effort on DDG 1000. In July 2007, Applied Thermal Sciences, Inc., (ATS) of Sanford, Maine, won a multimillion-dollar contract from General Dynamics Bath Iron Works (BIW), to develop, test, and manufacture ship sets of Deck Edge Safety Berms and Personnel Safety Barrier Panels for DDG 1000. CTC is the principal subcontractor to ATS and will provide design, testing, evaluation and documentation under a three-year multimillion-dollar subcontract. LASCOR technology is estimated to have significantly reduced the Navy's overall acquisition procurement cost based on increased competition and a low-cost solution.

"My sincere congratulations to everyone involved in this award-winning effort," said Edward J. Sheehan, Jr., CTC President and Chief Executive Officer. "While LASCOR technology has been in existence for more than 20 years, this team provided the manufacturing solution that addresses barriers to its use with a domestic supplier, improving availability. We are very pleased that the JDMTP has recognized these accomplishments, which are improving the affordability and performance of Navy weapons systems."

Ms. Adele Ratcliff, Director, DoD ManTech Program, Deputy Undersecretary of Defense (Advanced Systems & Concepts), presented the award. The Defense Manufacturing Technology Achievement Award recognizes and honors individuals most responsible for outstanding technical accomplishments in achieving the vision of the Department of Defense Manufacturing Technology Program. The vision is to realize a responsive world-class manufacturing capability to affordably meet the warfighters' needs throughout the defense system life cycle.

LASCOR project team members included the Office of Naval Research, *CTC*, BIW, ATS, Northrop Grumman Shipbuilding, Naval Surface Warfare Center Carderock Division, Naval Sea Systems Command and the Institute for Manufacturing and Sustainment Technologies.

CTC is an independent, nonprofit, applied scientific research and development professional services organization providing innovative management and technology-based solutions to government and industry. Established in 1987, *CTC* operates from more than 50 locations with a staff of over 1,400 employees. As a nonprofit 501(c)(3) organization, *CTC*'s primary purpose and programs are to undertake applied scientific research and development activities that serve the public interest. *CTC* conducts impartial, in-depth assessments and technical evaluations that emphasize increased quality, enhanced effectiveness, and rapid technology transition and deployment. *CTC* offers a broad range of services and capabilities, coupled with real-world experience. For more information about *CTC*, visit www.ctc.com.

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Pictured, left to right: David Roberts, Bath Iron Works; Steve Webber, Applied Thermal Sciences; Greg Woods, Office of Naval Research; Adele Ratcliff, DOD ManTech Program; Ed Sheehan, *CTC*; Kevin Stefanick, *CTC*

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