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Concurrent Technologies Corporation Earns 2013 Defense Manufacturing Technology Achievement Award

Johnstown, PA, December 10, 2013 – For the third time in the past six years, Concurrent Technologies Corporation (CTC) and key partners have received a Defense Manufacturing Technology Achievement Award, which is given by the Department of Defense Joint Defense Manufacturing Technology Panel (JDMTP). The 2013 award was presented on December 3, 2013, at the Defense Manufacturing Conference (DMC 2013) in Kissimmee, Florida.

The Navy Metalworking Center (NMC), an Office of Naval Research ManTech Center of Excellence operated by CTC, led a project team that developed mechanized tools that replace manual grinding of large plates for weld preparation. General Dynamics Bath Iron Works (BIW) implemented the edge preparation tool in mid-2012 and the surface preparation tool in early 2013 on DDG 51 and DDG 1000 Class hulls. The new technology, which removes rust and primer from the edge and surface of large plates, is significantly increasing ship construction productivity, which will save between \$2 million and \$4 million on the cost of future surface combatants. The tools can be used for a variety of applications, such as ships, submarines, and bridges, as well as other processes. The project team included the DDG 1000 Program Office; Naval Surface Warfare Center, Carderock Division; BIW; Ingalls Shipbuilding; E.H. Wachs; and 3M.

“We are humbled by the ongoing recognition from the JDMTP,” said Edward J. Sheehan, Jr., CTC President and Chief Executive Officer. “The Navy Metalworking Center project teams consistently succeed in meeting our clients’ needs through advanced manufacturing technology solutions. Congratulations to all the Plate Edge Preparation Improvements project team members who worked relentlessly to see this project through to a very positive conclusion.”

Each year, the JDMTP presents awards to projects managed by one of the military services’ ManTech programs or the Defense Logistics Agency. The award criteria are manufacturing technology achievement, transition/implementation, and potential or realized benefits. NMC projects managed by CTC have also earned Defense Manufacturing Technology Achievement Awards in 2008 for advancements in [LASCOR](#) technology for shipbuilding applications and in 2010 for a [mechanized weld shaving and back gouging system](#) for DDG 1000 Class ships. In 2012, NMC’s [alternate brazing system](#) for piping on CVN 78 aircraft carriers was a finalist for the award.

CTC is an independent, nonprofit, applied scientific research and development professional services organization providing innovative management and technology-based solutions to government and industry. 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. For more information, visit www.ctc.com.

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The Defense Manufacturing Technology Achievement Award was presented to the team that developed a plate edge and a surface preparation tool that will save several million dollars in labor cost on a typical surface combatant. The team includes (left to right): Dan Winterscheidt (CTC), Rob Akans (CTC), Tim Freidhoff (CTC), Kevin Roosinck (Ingalls), Edward J. Sheehan, Jr. (CTC), Paul Sleppy (CTC), Al Baum (CTC), Steve Davis (BIW), and Adele Ratcliff (Department of Defense ManTech Program). Not pictured: Karl Kopija (E.H. Wachs), Gene Franke (NSWCCD), Lance Flitter (DDG 1000 Program Office), John Carney (Office of Naval Research), Greg Woods (Office of Naval Research), Chris Alexion (CTC), and Phil Taylor (BIW).