AMC Developing Industry Roadmap for Metalcasting

AMC is conducting a roadmapping effort to identify and prioritize industrial research needs to improve metalcasting processing capabilities and productivity. The "Pathway to Improved Metalcasting Manufacturing Technology and Processes –Taking Metal Casting Beyond 2020" program is sponsored by the National Institute of Standards and Technology (NIST) AMTech. The American Foundry Society (AFS) is the prime organization in the project that will be conducted by AMC, which represents 95% of the nation's 2,000 foundries. Team members include SCRA Applied R&D, Non-Ferrous Founders' Society, North American Die Casting Association, Steel Founders' Society of America, Product Development & Analysis, LLC, Eigerlab-Rock Valley College, and select industry, academia, and government experts. Specific objectives are to:

- Reach industry consensus on metalcasting capability gaps, solution priorities, and investment recommendations.
- Identify potentially transformative technologies requiring collaborative research.
- Establish clear problem definitions and a common framework for parallel work by multiple organizations.
- Chart a transition path to facilitate interoperability of developed solutions with existing systems.
- Build a collaborative infrastructure tailored to the roadmap's targeted outcomes.
- Initiate development of an infrastructure that supports an advanced U.S. metalcasting industry.

The NIST AMTech program aims to catalyze partnerships between U.S. industry, academia, and government that will support efforts to meet the long-term research needs of U.S. industry.

AMC Represented at 2014 Defense Manufacturing Conference

AMC was well represented as part of the Defense Logistics Agency (DLA) exhibit at the Defense Manufacturing Conference 2014 held at the Grand Hyatt San Antonio Convention Center, San Antonio, TX December 1-4, 2014. The conference was attended by government and industry representatives, displaying and presenting the latest in manufacturing processes in support of military weapons systems. During this conference, the AMC was nominated to receive a DMC Technology Achievement Award. DMC is of great benefit to AMC as it provides a forum for technology exchange among customers and partners.