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AMSC Delivers Beta Version of Deployable Mine Countermeasure Payload System to U.S. Navy

AMSC's HTS Magnetic Influence Mine Countermeasure Payload System will be Evaluated for Potential Replacement of Legacy Systems

DEVENS, Mass., July 31, 2017 (GLOBE NEWSWIRE) -- AMSC (NASDAQ:AMSC), a global energy solutions provider serving wind and power grid industry leaders, today announced it has delivered the beta version of its HTS Magnetic Influence Mine Countermeasure Payload System to the U.S. Navy for on-the-water testing and evaluation. AMSC's HTS Magnetic Influence Mine Countermeasure Payload System is a deployable mine countermeasure system designed to operate in concert with multiple U.S. Navy vessel platforms.

AMSC's deployable HTS Magnetic Influence Mine Countermeasure Payload System is expected to provide the U.S. Navy with a robust and efficient mine countermeasure capability that is anticipated to minimize the risk to fleet assets and personnel during mine countermeasure operations.

AMSC, the U.S. Navy and the Office of Naval Research have collaborated on AMSC's HTS-based ship protection systems including HTS Advanced Degaussing Systems, as well as the deployable HTS Magnetic Influence Mine Countermeasure Payload System. The core components of AMSC's HTS-based ship protection systems are common and transferable to other applications being targeted for ship implementation. AMSC is continuing its work to expand HTS technology into the fleet through a variety of applications for power, propulsion, and protection equipment.

About AMSC (NASDAQ:AMSC)

AMSC generates the ideas, technologies and solutions that meet the world's demand for smarter, cleaner ... better energy™. Through its Windtec™ Solutions, AMSC provides wind turbine electronic controls and systems, designs and engineering services that reduce the cost of wind energy. Through its Gridtec™ Solutions, AMSC provides the engineering planning services and advanced grid systems that optimize network reliability, efficiency and performance. The Company's solutions are now powering gigawatts of renewable energy globally and are enhancing the performance and reliability of power networks in more than a dozen countries. Founded in 1987, AMSC is headquartered near Boston, Massachusetts with operations in Asia, Australia, Europe and North America. For more information, please visit www.amsc.com.

AMSC, Windtec, Gridtec, and Smarter, Cleaner ... Better Energy are trademarks or registered trademarks of American Superconductor Corporation. All other brand names, product names, trademarks, or service marks belong to their respective holders.

Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Such statements include, but are not limited to, statements about our expectations regarding intended uses of our HTS Magnetic Influence Mine Countermeasure Payload System by the U.S. Navy; functionality, performance and capabilities of our HTS Magnetic Influence Mine Countermeasure Payload System; expanding HTS technology into the U.S. Navy fleet; ongoing collaboration with the U.S. Navy and related plans and goals; and other statements containing the words "believes," "anticipates," "plans," "expects," "will" and similar expressions. Such forward-looking statements represent management's current expectations and are inherently uncertain. There are a number of important factors that could materially impact the value of our common stock or cause actual results to differ materially from those indicated by such forward-looking statements. These important factors include, but are not limited to: We have a history of operating losses and negative operating cash flows, which may continue in the future and require us additional financing in the future; Our operating results may fluctuate significantly from quarter to quarter and may fall below expectations in any particular fiscal quarter; Our financial condition may have an adverse effect on our customer and supplier relationships; Our success is dependent upon attracting and retaining qualified personnel and our inability to do so could significantly damage our business and prospects; Failure to successfully execute any move of our Devens, Massachusetts manufacturing facility or achieve expected savings following any such move; We rely upon third-party suppliers for the components and sub-assemblies of many of our Wind and Grid products, making us vulnerable to supply shortages and price fluctuations; Many of our revenue opportunities are dependent upon subcontractors and other

business collaborators; Our products face intense competition; Our success depends upon the commercial use of high temperature superconductor ("HTS") products, which is currently limited, and a widespread commercial market for our products may not develop; Third parties have or may acquire patents that cover the materials, processes and technologies we use or may use in the future to manufacture our Amperium products, and our success depends on our ability to license such patents or other proprietary rights; We may not realize all of the sales expected from our backlog of orders and contracts; We have operations in and depend on sales in emerging markets, and global conditions could negatively affect our operating results or limit our ability to expand our operations outside of these countries; We face risks related to our intellectual property; We face risks related to our legal proceedings; and the important factors discussed under the caption "Risk Factors" in Part 1. Item 1A of our Form 10-K for the fiscal year ended March 31, 2017, and our other reports filed with the SEC. These important factors, among others, could cause actual results to differ materially from those indicated by forward-looking statements made herein and presented elsewhere by management from time to time. Any such forward-looking statements represent management's estimates as of the date of this press release. While we may elect to update such forward-looking statements at some point in the future, we disclaim any obligation to do so, even if subsequent events cause our views to change. These forward-looking statements should not be relied upon as representing our views as of any date subsequent to the date of this press release.

AMSC Contact:

Brion D. Tanous

Phone: 424-634-8592

Email: Brion.Tanous@amsc.com