

# News Release

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## 3D Systems and Huntington Ingalls Industries Partner to Transform U.S. Navy Shipbuilding

**ROCK HILL, South Carolina, May 10, 2018** – Today, [3D Systems](#) (NYSE: DDD) announced its collaboration with Huntington Ingalls Industries' Newport News Shipbuilding division to qualify metal additive manufacturing technologies to build naval warships. Newport News Shipbuilding is the sole designer, builder and refueler of U.S. Navy aircraft carriers and one of two providers of U.S. Navy submarines. Through this collaboration, they will move portions of their manufacturing process from traditional methods to additive, anticipating enhanced production rates of high accuracy parts with reduced waste, and potential for significant cost savings over other traditional production processes.

The first milestone in this agreement was achieved with 3D Systems delivering and installing a [ProX® DMP 320](#) 3D metal printer at Newport News Shipbuilding's site. Newport News plans to use the ProX DMP 320 – designed for precision metal 3D printing - to produce marine-based alloy replacement parts for castings as well as valves, housings and brackets - for future nuclear-powered warships. With the ProX DMP 320 as the foundation, the companies are already developing new additive manufacturing technologies to further enhance part production.

3D Systems has contributed additive manufacturing expertise to the U.S. Navy for decades with 3D printing being used for everything from aircraft parts to submersible components. This particular collaboration with Newport News Shipbuilding marks the culmination of joint R&D efforts to qualify metal additive manufacturing to build components for nuclear-powered naval vessels.

"3D Systems is proud of our long-standing relationship with the U.S. Navy," said Kevin McAlea, executive vice president, general manager, metals and healthcare, 3D Systems. "Through this collaboration with Newport News Shipbuilding, our 3D printing solution combined with our team's expertise in metal 3D printing technology will redefine the supply chain for naval ship components – improving efficiencies and lowering total cost of operation."

"Newport News Shipbuilding is leading the digital transformation to further revolutionize how shipbuilders build the next generation of warships," said Charles Southall, vice president of engineering and design, Newport News Shipbuilding. "With the inclusion of the ProX DMP 320 into our manufacturing workflow, this marks the first metal 3D printer installed at a major U.S. Navy shipyard. With this disruptive technology, Newport News has the potential to reinvent shipbuilding."

### **Forward-Looking Statements**

Certain statements made in this release that are not statements of historical or current facts are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause the actual results, performance or achievements of the company to be materially different from historical results or from any future results or projections expressed or implied by such forward-looking statements. In many cases, forward looking statements can be identified by terms such as "believes," "belief," "expects," "may," "will," "estimates," "intends," "anticipates" or "plans" or the negative of these terms or other comparable terminology.

Forward-looking statements are based upon management's beliefs, assumptions and current expectations and may include comments as to the company's beliefs and expectations as to future events and trends affecting its business and are necessarily subject to uncertainties, many of which are outside the control of the company. The factors described under the headings "Forward-Looking Statements" and "Risk Factors" in the company's periodic filings with the Securities and Exchange Commission, as well as other factors, could cause actual results to differ materially from those reflected or predicted in forward-looking statements. Although management believes that the expectations reflected in the forward-looking statements are reasonable, forward-looking statements are not, and should not be relied upon as a guarantee of future performance or results, nor will they necessarily prove to be accurate indications of the times at which such performance or results will be achieved. The forward-looking statements included are made only as the date of the statement. 3D Systems undertakes no obligation to

update or review any forward-looking statements made by management or on its behalf, whether as a result of future developments, subsequent events or circumstances or otherwise.

**About 3D Systems**

3D Systems is the originator of 3D printing and an innovator of future 3D solutions. It has spent its 30-year history enabling professionals and companies to optimize their designs, transform their workflows, bring groundbreaking products to market and drive new business models. This is achieved with the Company's best of breed digital manufacturing ecosystem. It's comprised of plastic and metal 3D printers, print materials, on demand manufacturing services and end-to-end manufacturing software solutions. Combinations of these products and services address a variety of advanced applications- ranging from Aerospace, Automotive, and Consumer Goods to Medical, Dental, and Jewelry. For example, 3D Systems' precision healthcare capabilities include simulation, Virtual Surgical Planning, and printing of medical and dental devices as well as patient-specific surgical instruments. More information on the company is available at [www.3dsystems.com](http://www.3dsystems.com).

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