

# DMS Celebrates Ribbon Cutting for New Pump Test Loop at Chesapeake Facility



Rep. Jen Kiggans (center) prepares to cut the ribbon at DMS' new pump test loop. *Photo credit: DMS*

Defense Maritime Solutions (DMS) marked a major milestone in its commitment to supporting the shipbuilding industry with a ribbon cutting ceremony for its newly installed pump test loop at the headquarters in Chesapeake, Virginia.

The event brought together key regional and federal stakeholders, including Rep. Jen Kiggans (R-Va.), representatives from NASSCO, Military Sealift Command, the city of Chesapeake and the Hampton Roads Alliance.

The addition of the pump test loop significantly enhances DMS's ability to support vessels currently under construction.

The system uses a closed-loop water circuit to verify that pumps meet required flow rates and operate without excess vibration or heat. By conducting full functional testing onsite, DMS can accelerate delivery of approved pumps to local shipyards, reducing turnaround times and strengthening the regional maritime supply chain.

“Our new test loop represents an important investment in both quality assurance and efficiency. Having this capability in Chesapeake allows us to better serve our shipyard partners and ensure the reliability of critical components going aboard new vessels.” said DMS President Noble Davidson.

The system includes two separate testing sections: one designed for large capacity pumps and another for smaller units. Each section can operate independently, allowing DMS to test different types of pumps at the same time without interference, a feature that increases efficiency and throughput.

The ceremony highlighted DMS’s role in advancing innovation in the maritime defense industry, as well as the continued growth of maritime manufacturing and support services in Hampton Roads.