

Northrop Grumman Rapidly Prepares for Next-Generation Relay Ground Stations in the Pacific Region



[Release from Northrop Grumman](#)

BOULDER, Colo. – June 1, 2023 – Northrop Grumman Corporation (NYSE: NOC) recently completed a successful preliminary design review (PDR) of Relay Ground Station-Asia (RGS-A) for the U.S. Naval Information Warfare Center (NIWC) Pacific.

- RGS-A will connect critical legacy and next-generation satellites and end users.
- The successful PDR confirms the company is on track to transform the existing missile-warning system.
- The review was completed a month ahead of schedule, demonstrating the company's ability to rapidly meet changing customer requirements.

Expert:

Aaron Dann, vice president, strategic force programs, Northrop Grumman: "The preliminary design review exceeded our customers' expectations and is the next step in delivering much-needed new capabilities to the Pacific region. Our advanced technologies will deliver what is needed to support missile-warning and missile-tracking satellites that protect our nation and its allies."

Details:

The U.S. Space Force is working to transform the existing missile-warning system with the Future Operationally Resilient Ground Evolution (FORGE) system. A cornerstone of the FORGE architecture includes developing relay ground stations capable of supporting existing and new satellite constellations with the ability to handle changes in bandwidth and availability.

Northrop Grumman was awarded a \$99.6 million five-year contract from NIWC Pacific last year to design, develop, integrate, test and deliver the relay ground station. The majority of the work will take place at Northrop Grumman's campus in Boulder, Colorado.

NIWC Pacific will develop six antennas for RGS-A to enable the Space Systems Command (SSC) next generation Space-Based Infrared System (SBIRS) ground system which keeps legacy satellites in geosynchronous orbit. RGS-A will be deployed to Guam and is on schedule to be installed by late 2025.

Northrop Grumman is a leading global aerospace and defense technology company. Our pioneering solutions equip our customers with the capabilities they need to connect and protect the world, and push the boundaries of human exploration across the universe. Driven by a shared purpose to solve our customers' toughest problems, our 95,000 employees define possible every day.