Raytheon to Deliver New Submarine Communications System

The Los Angeles-Class fast-attack submarine USS Cheyenne (SSN 773) and its crew arrive at Joint Base Pearl Harbor-Hickam, after completing their latest deployment, April 26, 2019. Raytheon Intelligence & Space has been awarded a $90 million contractor for Submarine High-Data Rate antenna systems. U.S. Navy / Mass Communication Specialist 1st Class Daniel Hinton

ARLINGTON, Va. – Raytheon Intelligence & Space, a Raytheon Technologies business, was awarded a $90 million contract by the U.S. Navy for 23 Submarine High-Data Rate antenna systems, the company said in a Jan. 11 release. Contracted in 2020, the work is expected to be completed on the new antennas by January 2024.

The SubHDR system is used to provide submarines with high-capacity communications. The system vastly improves a submarine's mission capability and the quality of life for sailors by affording them high-data rate communications with the world outside of the sub without sacrificing the submarine's stealth.

"Connecting people securely is essential to the success of any operation," said Denis Donohue, vice president, Communications and Airspace Modernization Systems for Raytheon Intelligence & Space.

"The SubHDR system provides secure connectivity for submarines that supports mission-critical information delivery to the right people at the right time."

SubHDR links submariners to the Global Broadcast Service, the Milstar satellite constellation and the Defense Satellite

Communications System, via a unique mast antenna that connects them to the above-sea world.

The SubHDR System gives submarines high-data rate, multi-band SATCOM capability. Operating via military satellites, SubHDR enables underwater forces to be full participants in coordinated fleet battle group and joint task force network centric operations. The mast-mounted SATCOM system transmits secure wideband multimedia, secure and non-secure internet access, voice and data traffic, imagery and video teleconferencing.