

From: Daniel Willetts

To: Behnam Ghaffari

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Subject: 0884-EX-CN-2019

Message:

The U.S. Navy is in the planning and coordination phase to conduct a First Article Test on the AN/SPQ-9B Anti-Ship Missile Defense Radar (ASMD) at Leonardo DRS site in Largo, Fla. Leonardo DRS was recently awarded the production contract for this critical National Defense radar. The radar system to be used for this test will be the first system to come off the new assembly line at DRS. This test is required to verify the production process by assessing the operability of the radar prior to it being shipped to an operational U.S. Navy warship. This test will consist of using an Electronic Target Generator (ETG) installed approximately 800 feet from the radar antenna to inject simulated air and surface targets for assessing the radar's detection and tracking requirements. The ETG is basically a radar signal repeater in that it receives the transmitted signal from the radar over the air, modulates it with target information, and transmits it back to the radar for processing. In addition to the ETG, a single live aircraft will be used to fly Inbound and outbound profiles against the radar to verify its ability to detect and track a live aircraft.