

EXHIBIT 1 DESCRIPTION OF EXPERIMENT

Rockwell Collins, Inc. d/b/a Collins Aerospace is participating in the 2021 Advanced Naval Technology Exercise (ANTX) at Camp Lejeune, North Carolina. ANTX enables aerospace and defense companies to demonstrate emerging technologies and innovations that address Navy and Marine Corps mission priorities and gaps. ANTX is scheduled from April 5 – 16, 2021.

Collins Aerospace will be performing research on the radiofrequency propagation characteristics of a communications system while transmitting over water. The test will involve a fixed antenna on the shore and a mobile antenna mounted to a ship. The ship-mounted antenna will transmit RF signals at various frequencies and send them towards the fixed antenna on the shore. The fixed antenna on the shore will receive the signals and they will be analyzed to determine which frequency results in the strongest link between the shore and ship. The ship will gradually move further and further from shore to determine the maximum achievable range. This test is nearly identical to the test performed under FCC experimental license WR9XIR.



The stop buzzer point of contact is:

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