

STA Confirmation Number: EL338687
STA File Number: 0099-EX-ST-2021
Date of Submission: January 21, 2021

Operational Overview

Summary: Pending approval, we will set up a Rada RPS-42 radar system at the specified site (below) in order to allow Pacific Northwest National Laboratories (PNNL) to conduct measurements and readings on the radar's emissions. The event will be no longer than 3 days in duration.

Context: Customs and Border Patrol (CBP) has contracted Anduril to provide aerial situational awareness around San Diego by detecting drones through a counter-detection platform. In order to commence operations, CBP wanted to ensure that the stated safe distances from both the radar manufacturer (Rada) and independent tests from the Naval Surface Warfare Center's Dahlgren Division were accurate. They have contracted with PNNL in order to conduct these tests.

Due to the current COVID pandemic situation in southern California, PNNL has not permitted its employees to travel to California, and the ban is projected to persist for at least another 60 days.

In order to expedite testing and approval for tower operations related to national security, Anduril has found a location outside Yuma, Arizona suitable for testing. Furthermore, we went to great measures to find a test site in a rural area to help expedite approval for this STA.

The proposed test site location is shown below. The requested dates reflect a longer time range only to accommodate a window of time. Given the urgent nature of the operation, we are requesting to test within the FCC's stated 30-day window, but wanted to allow some flexibility in case the STA approval is delayed.

