

Confidential Treatment Requested

Need for and Purpose of Special Temporary Authority

Anduril Industries, Inc. (“Anduril”) hereby requests Special Temporary Authority (“STA”), as specified in the attached application, for six months to conduct experimental testing of one or more devices (“test devices”). This experimental testing will be performed at remote unpopulated, rural areas in Southern California under Anduril’s control. *****BEGIN CONFIDENTIAL***** [REDACTED]

[REDACTED] *****END CONFIDENTIAL***** The following sections provide additional details on the transmission specifications, target devices, the proposed geographic area for testing, and the anticipated impacts of testing.

*****BEGIN CONFIDENTIAL***** [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] *****END CONFIDENTIAL***** Anduril acknowledges that all experimental operations conducted pursuant to the STA will be on a non-interference basis to devices not operated by Anduril. Anduril shall immediately cease transmission upon becoming aware of any harmful interference caused to any other station operating in accordance with the Table of Frequency Allocations of Part 2 of the rules of the Federal Communications Commission (the “FCC”).

Because the equipment is technically incapable of providing station identification, Anduril respectfully requests a waiver of the station identification provisions of Section 5.115 of the FCC rules, 47 C.F.R. § 5.115.

Transmission Specifications. The test devices will transmit on the following bands:

1. 420 MHz - 460 MHz (UHF),
2. 902 MHz - 928 MHz (UHF),
3. 2400MHz - 2485 MHz (UHF), and
4. 5.725 GHz - 5.850 GHz (SHF).

Test devices will have a peak output power of 10W and peak ERP of 25W. Test devices have a maximum effective range of 2000 meters and maximum effective beam width of 60°. Test devices can be rotated to transmit in various directions, such that the orientation in the horizontal plane is effectively 360°.

REDACTED—FOR PUBLIC INSPECTION
Application for New Special Temporary Authority
Exhibit A

*****BEGIN CONFIDENTIAL***** [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] *****END**
CONFIDENTIAL***

Fixed Geographic Area. Anduril proposes testing at sites under Anduril's control that are located in two unpopulated, rural areas in Southern California of approximately 13 sq kms within a circular segment with the outer arc north of origination points located at 33.4619444°, -117.5613889° and 34.452365°, -117.105862° with a maximum vertical testing range at an altitude of 2240 meters above sea level (site is 140 meters above sea level, the test device has a maximum range of 2000 meters, and the test device will be no more than 100 meters above the test site).

*****BEGIN CONFIDENTIAL***** [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] *****END CONFIDENTIAL*****

We respectfully request the Federal Communications Commission to approve this STA application and to authorize Anduril to operate the described test devices in the described fixed geographic area to support its research & development efforts that contribute to U.S. national security efforts.