

REQUEST FOR EXTENSION OF EXPERIMENTAL AUTHORITY

Lockheed Martin Corporation (“Lockheed Martin”) holds experimental STA under Call Sign WO9XXY (File No. 1065-EX-ST-2019) to operate on the frequencies that are the subject of this request. Under its STA, Lockheed Martin conducted preliminary testing to determine the feasibility of a new communications architecture that Lockheed Martin is testing in collaboration with a Department of Defense customer under U.S. Navy contract N00019-14-C-0050.

Based on the positive results of its preliminary testing at the location, Lockheed Martin has determined that it will implement a longer-term test program with the objective of completing demonstrations necessary to satisfy internal work authorized in support of the platform.

Lockheed Martin wishes to continue operations on the subject frequencies in the area identified on the related Form 442. Primarily the operations will permit Lockheed Martin to test proof of concept and system verification to support anticipated future operational needs.

Accordingly, pursuant to 5.61(c) of the Commission’s Rules, Lockheed Martin respectfully requests continued authority under the terms of its STA for which it seeks a conventional license for a period of 24 months.

Nature of operations.

As noted in its initial STA request, Lockheed Martin seeks authority to operate a fixed transmitter at its Owego facility. The aircraft transceiver would be operated within 20 nm of the coordinates around that facility.

Lockheed Martin acknowledges that the conditions applied to its current STA will likely apply to its request for permanent experimental authority.