

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WE9XOV

(Call Sign)

0444-EX-ST-2010

(File Number)

NAME Northrop Grumman Systems Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing of the STARLite SAR/GMTI Tactical Radar System (STARLite) pursuant to U.S. Army contract.

Station Locations

- (1) MOBILE: Mojave, CA: Airborne, at a maximum altitude of 13,716 meters, within 185 km, centered around NL 35-03-32; WL 118-09-05
- (2) MOBILE: North Highlands, CA: Airborne, at a maximum altitude of 13,716 meters, within 185 km, centered around NL 38-40-04; WL 121-24-02

Frequency Information

MOBILE: Mojave, CA: Airborne, at a maximum altitude of 13,716 meters, within 185 km, centered around NL 35-03-32; WL 118-09-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.3 GHz	MO	600MQ3N 632MQ3N 202MQ3N	32 W (Output Power)	0.005 %

This authorization effective November 02, 2010 and
will expire 3:00 A.M. EST April 22, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: North Highlands, CA: Airborne, at a maximum altitude of 13,716 meters, within 185 km, centered around NL 38-40-04; WL 121-24-02

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16.2-17.3 GHz	MO	600MQ3N 632MQ3N 202MQ3N	32 W (Output Power)	0.005 %

Special Conditions:

- (1) For use at Mojave, CA, coordination with Western Area Frequency Coordinator (WAFC) (760) 939-6948/6832 is required for scheduling for use prior to operations to minimize harmful interference to multiple U.S. Navy systems within the area of operation.
- (2) For use at Mojave, CA, coordination prior to each test with the following Air Force spectrum Management Offices to minimize harmful interference to multiple U.S. Air Force systems within the area of operation is required:
 - i. Air force Flight Test Center Mr. James Littlefield (661) 277-4763
 - ii. 30th Space Wing Mr. Andrew Foltz (805) 605-3660
 - iii. Aeronautical Systems Center Mr. James Newman (937) 255-2181
- (3) For use at North Highlands, CA, coordination prior to each test with the following Air Force spectrum Management Offices to minimize harmful interference to multiple U.S. Air Force systems within the area of operation is required:
 - i. 30th Space Wing Mr. Andrew Foltz (805) 605-3660
 - ii. Aeronautical Systems Center Mr. James Newman (937) 255-2181