

NORTHROP GRUMMAN SYSTEMS CORPORATION

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January 10, 2003

Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

Dear Sir or Madam:

Northrop Grumman Systems Corporation ("Northrop Grumman") hereby requests modification of the 180-day grant of Special Temporary Authority ("STA") to operate a mobile experimental radio facility under Call Sign WB9XRY (File No. 0397-EX-ST-2002). Northrop Grumman seeks to correct the geographic coordinates at the Sunnyvale (Santa Clara County), California, location and add an additional location in Tracey (San Joaquin County), California. All other parameters of the STA will remain the same.

Accordingly, Northrop Grumman requests modification of the STA under Call Sign WB9XRY to delete the location at NAD-83 coordinates 36-36-00 N and 120-32-30 W and to add the following two locations: Sunnyvale (Santa Clara County), California (NAD-83 coordinates 37-22-42 N and 122-0-52 W) and Tracey (San Joaquin County), California (NAD-83 coordinates 37-36-0 N and 121-32-30 W). The area operation will be within 32 km of the two sets of coordinates.

As noted in the original STA request, Northrop Grumman has been contracted by Naval Sea Systems (Contract No. MDA972-99-9-0004) to develop and test a Small Unmanned Aerial Vehicle (SUAV). The contact person for the contract is Mr. Mike Taylor, Phone No. 202-781-3948.

The experimental transmissions will involve a Aydin Vector (L-3 Communications) model number ST8R4L transmitter that will produce 350 mW of peak output power while transmitting at a frequency of 1475 MHz, with a bandwidth of 1 MHz. The emission designator is 1M00F2D, and the antenna has a gain of 2.15dBi.

I certify that I am an authorized employee of Northrop Grumman Corporation.

Respectfully submitted,
NORTHROP GRUMMAN SYSTEMS CORPORATION

By: \s\ Jan E. Sochurek
Jan E. Sochurek
Spectrum Licensing Specialist