

**NORTHROP GRUMMAN CORPORATION**  
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September 2, 2003

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

Dear Sir or Madam:

Northrop Grumman Corporation ("Northrop Grumman") hereby requests an 180-day extension of its grant of Special Temporary Authority ("STA") to operate a fixed experimental radio station on the campus of the Ohio State University in Columbus (Franklin), Ohio (NAD-83 coordinates 40-04-47.324 North and 083-04-22.730 West). Northrop Grumman's current grant of STA under Call Sign WD2XCQ (File No. 0092-EX-ST-2003) will expire on October 1, 2003, and Northrop Grumman's Form 442 application for permanent authority to operate at the Ohio State University location (File No. 0058-EX-PL-2003) remains pending before the Commission.

With the extension of STA, Northrop Grumman, in association with the university, will continue to further develop and test the APN-241 radar. The experimental transmissions location will involve a Northrop Grumman MODAR 4000/APN-241 radar transmitter that will produce 518kW of effective radiated power while transmitting in the 9300-9500 MHz frequency band with a bandwidth of 33.5 MHz. The emission designator is 33M5P0N.

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

Respectfully submitted,  
NORTHROP GRUMMAN CORPORATION

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