

**NORTHROP GRUMMAN CORPORATION
1745A WEST NURSERY ROAD
LINTHICUM, MD 21090**

May 21, 2001

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 a 180-day grant of Special Temporary Authority ("STA") to operate the experimental station facility specified in the pending Form 442 application for a new experimental radio station (File No. 0 -EX-PL-2002), which Northrop Grumman filed with the Commission on April 23, 2002. See Northrop Grumman's pending Form 442 application (File No. 0 -EX-PL-2002), which is attached.

Northrop Grumman is required under U.S. Army contract DAAH-01-C-0127 to develop and test a mobile robot. Northrop Grumman will use the facility specified in the pending Form 442 application to test the robot's communications links and mobility under the various conditions that the robot might experience during actual use. Testing is scheduled to commence on June 3, 2002. Therefore, in order to ensure that testing begins as scheduled so that Northrop Grumman is able to complete the requirements of its contract, Northrop Grumman respectfully requests a grant of STA from the Commission on or before May 30, 2002 for a term lasting 180 days or until the underlying Form 442 application is acted on by the FCC.

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

Respectfully submitted,
NORTHROP GRUMMAN CORPORATION

By: _____

Rodney W. Fremd
Rodney W. Fremd
Spectrum Manager

Phone: (410) 765-5623

Email: rodney_w_fremd@md.northgrum.com