

NORTHROP GRUMMAN CORPORATION
1745A WEST NURSERY ROAD MS 170
LINTHICUM, MD 21090

August 16, 1999

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

Dear Madam Secretary:

I, Steven F. Balaz, Spectrum Licensing Specialist of Northrop Grumman Corporation, ("Northrop Grumman"), hereby certify that I am an authorized employee of Northrop Grumman. I hereby request a 90-day grant of Special Temporary Authority ("STA") for Northrop Grumman to operate a fixed experimental facility mounted on a building located at 65 Marcus DR, Melville(Suffolk), NY. The radar will be located at the approximate NAD-27 coordinates of 40-45-30 N, 73-24-45 W.

Simultaneously with this request, Northrop Grumman filed an FCC Form 442 application for a new construction permit and license authorization in the Experimental Radio Service. A copy is attached. Northrop Grumman respectfully requests STA to operate the facilities requested, while the staff processes the Form 442 application.

Grant of STA will enable Northrop Grumman to conduct intermittent transmissions of the radar transmitter from 8:00 am to 8:00 pm. The radar will be supplied by the US Navy. The transmitter will produce 100kW of peak ERP while transmitting, operating on 9410 MHz and emissions 79M5P0N, 31M8P0N, 15M9P0N, 9M09P0N, and 5M30P0N. The antenna will be mounted less than 6 meters above the building roof. Northrop Grumman Corporation is required, under US Navy contract N00024-98-NR-05090, to integrate the Raytheon AN/SPS-73 radar into the Northrop Grumman AN/SYS-2A(V)5 Navy shipboard combat system. Transmission is essential to test the integration prior to installation on board US Navy ships. The customer contact is Mr. G. Michael Dodd, (703)492-8500x562. Testing has been tentatively scheduled to begin on September 1, 1999.

Very truly yours,

NORTHROP GRUMMAN CORPORATION

By:  _____

Steven F. Balaz, Spectrum Licensing Specialist