

NORTHROP GRUMMAN SYSTEMS CORPORATION

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August 3, 2004

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 a 180-day grant of Special Temporary Authority ("STA") to operate a fixed experimental radio facility at located at 7301 Sykesville Road, Sykesville (Carroll County), Maryland (NAD-83 coordinates: 39-22-29 North; 076-57-39 West) and in Linthicum (Anne Arundel County), Maryland (NAD-27 coordinates: 39-10-46 North; 076-41-27 West).

Northrop Grumman has been contracted by the Ministry of Defense of the Government of the Arab Republic of Egypt to develop and test a radar system for sale (Contract No. CAIRO/F (03-01)/OV/AD/NG/2003/18). In order for Northrop Grumman to comply with the contract, testing and verification of the radar system must be performed. Accordingly, Northrop Grumman respectfully requests processing of this STA and for the Commission to grant this STA no later than October 1, 2004.

The experimental transmissions at the locations specified above would involve a Northrop Grumman TPS-63SS radar transmitter that will produce 50.5 MW maximum ERP while operating in the 1215-1400 MHz band, with a bandwidth of 10 MHz, and an emission designator of 10MQ7N.

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

Respectfully submitted,
NORTHROP GRUMMAN SYSTEMS CORPORATION

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