

NORTHROP GRUMMAN SYSTEMS CORPORATION

1745A WEST NURSERY ROAD

LINTHICUM, MD 21090

Phone: 410-765-5626

Email: jan.sochurek@northropgrumman.com

November 16, 2005

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 extension of the grant of Special Temporary Authority ("STA") under Call Sign WC9XES (File No. 0477-EX-STA-2004), which will expire on December 2, 2005, 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. Northrop Grumman respectfully requests extension of the STA to continue its testing and verification of the radar system.

The experimental transmissions at the locations specified above would continue to involve a Northrop Grumman TPS-63SS radar transmitter that will produce 50.5 MW maximum ERP while operating at 1230, 1235, 1290, 1295 and 1323 MHz, with a bandwidth of 10 MHz, and an emission designator of 10M0Q7N.

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