

NORTHROP GRUMMAN SYSTEMS CORPORATION

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March 5, 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 extension of the grant of Special Temporary Authority ("STA") under Call Sign WB9XUQ 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). Northrop Grumman's current grant of STA for this facility will expire on March 24, 2004 (File No. 0219-EX-PL-2003).

Northrop Grumman is contracted through the United States Air Force to develop and test a radar system for sale to the Taiwanese Air Force (Contract No. F42600-02-C-0001-PZ0001). Testing of the radar system is necessary in order for Northrop Grumman to comply with the contract.

The experimental transmissions at the location specified above will involve:

- (1) a Northrop Grumman TPS-75(V) radar transmitter that will produce 17 MW maximum ERP while operating in the 2900-3100 MHz band, with a bandwidth of 200 MHz, and an emission designator of 200MF8N; and
- (2) a Northrop Grumman AN/UPX-27 transceiver that will produce 2 kW of maximum output power while operating at a frequency of 1030 MHz, with a bandwidth of 12 MHz, and an emission designator of 12M0M1D.

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