

VERNER · LIPFERT
BERNHARD · McPHERSON & HAND
CHARTERED

901 - 15TH STREET, N.W.
WASHINGTON, D.C. 20005-2301
(202) 371-6000
FAX: (202) 371-6279

John M. R. Kneuer
(202) 371-6332

August 17, 2000

HAND DELIVERY

Magalie Roman Salas, Esq.
Secretary
Federal Communications Commission
Experimental Radio Services
P.O. Box 358320
Pittsburgh, PA 15251-5320

Re: **Northrop Grumman Corporation's Request For Special Temporary Authority to Operate the Facilities Specified in FCC Form 442 Application for Modification of the Experimental Radio Service Authorization for Call Sign WB2XIY Beginning September 1, 2000**
ACTION REQUESTED BY AUGUST 31, 2000

Dear Ms. Secretary:

On behalf of Northrop Grumman Corporation ("NGC"), there is submitted herewith a request for a 90-day grant of Special Temporary Authority ("STA") to operate the airborne experimental radar transmitter facility that is currently licensed under Call Sign WB2XIY up to 5500 meters, as specified in the enclosed copy of the FCC Form 442 application for the modification of the experimental radio station license for Call Sign WB2XIY, which Northrop Grumman is filing simultaneously under a separate cover.

As stated in the enclosed request for STA, Northrop Grumman in the process of developing a new experimental radar transmitter that is capable of foliage penetration and is using the experimental station licensed under Call Sign WB2XIY to test and evaluate the transmitter and to collect target data. However, under a contract that was recently awarded by DARPA, Northrop Grumman is now required to collect data on the airborne experimental radar transmitter up to 5500 meters. The data collection operations are scheduled to commence on September 1, 2000. Thus, Northrop Grumman requests that the Commission issue a grant of STA on or before August 31, 2000. It further requests the Commission to grant the STA for a term of 90 days or until the Commission grants the underlying Form 442 application for modification of the license for Call Sign WB2XIY.

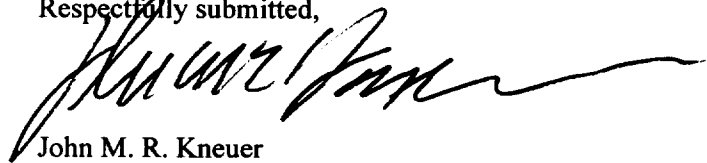
Northrop Grumman has attached the required "Anti-Drug Abuse Act Certification" and a copy of the Form 442 modification application for Call Sign WB2XIY to its STA request. We are also submitting

Ms. Magalie Roman Salas, Secretary
Federal Communications Commission
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a FCC Form 159 and a check made payable to the "Federal Communications Commission" in the amount of \$45.00 to cover the requisite filing fee.

Any questions concerning this filing may be directed to the undersigned.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John M. R. Kneuer", with a long horizontal flourish extending to the right.

John M. R. Kneuer
Attorney for Northrop Grumman Corporation

Enclosures
cc: Carl Huie (via facsimile)

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

August 5, 2000

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

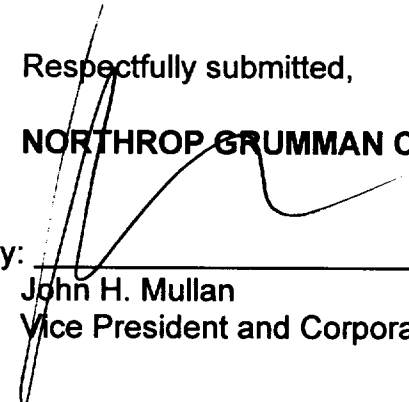
Dear Sir/Madam:

Northrop Grumman Corporation ("Northrop Grumman") hereby respectfully requests a 90-day grant of Special Temporary Authority ("STA") to operate the airborne experimental transmitter facility that is currently licensed under Call Sign WB2XIY (File No. 0095-EX-PL-2000) up to 5500 meters, as specified in the attached copy of the FCC Form 442 application for the modification of the experimental radio station license for Call Sign WB2XIY, which Northrop Grumman is filing simultaneously under a separate cover. Please refer to the attached FCC Form 442 modification application for the operational and technical parameters for the requested STA.

Northrop Grumman is currently in the process of developing a new experimental radar transmitter that is capable of foliage penetration and is using the experimental station licensed under Call Sign WB2XIY to test and evaluate the transmitter and to collect target data. Under a contract that was recently awarded by DARPA (Contract No. F30602-96-C-0096), Northrop Grumman is now required to collect data on the airborne experimental radar transmitter up to 5500 meters. The data collection operations are scheduled to commence on September 1, 2000. Therefore, Northrop Grumman requests that the Commission issue a grant of STA on or before August 31, 2000.

Respectfully submitted,

NORTHROP GRUMMAN CORPORATION

By: 

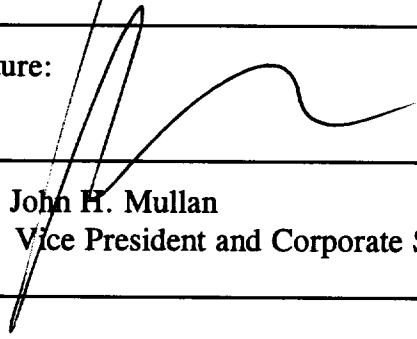
John H. Mullan
Vice President and Corporate Secretary

ANTI-DRUG ABUSE ACT CERTIFICATION

The applicant certifies that, in the case of an individual applicant, he or she is not subject to a denial of federal benefits pursuant to section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862a, or, in the case of a non-individual applicant (e.g. corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. § 1.2002(b).

☒ YES

☐ NO

Name of Applicant: Northrop Grumman Corporation	Signature: 
Date: 8/15/00	Title: John H. Mullan Vice President and Corporate Secretary