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August 20, 1999

HAND DELIVERY

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

**Re: FCC Form 442 Application of Northrop Grumman Corporation
for a New Experimental Radio Service Authorization.**

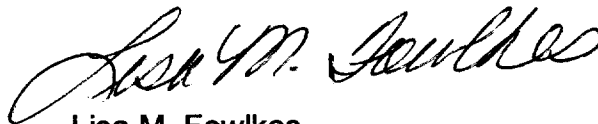
Dear Ms. Secretary:

On behalf of Northrop Grumman Corporation ("Northrop Grumman"), there is submitted herewith, on FCC Form 442, an application for a new experimental radio service authorization under Part 5 of the Commission's Rules. Northrop Grumman is applying for this new authorization in order to fulfill the testing requirements of its contract with the US Navy (Contract No. 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.

Also enclosed are 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,



Lisa M. Fowlkes
Attorney for Northrop Grumman Corporation

Enclosures