

0197-EX-ST-1999



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June 1, 1999

Ms. Magalie R. Salas  
Secretary  
Federal Communications Commission  
Experimental Radio Service  
P.O. Box 358320  
Pittsburgh, PA 15251-5320

Re: COMSAT Corporation, Request for Extension of  
Special Temporary Authority for a Maritime C-Band  
Radio Experiment, Call Sign WA9XBL, File No. S-  
3451-EX-1998

Attn: Office of Engineering and Technology

Dear Ms. Salas:

COMSAT Corporation, through its COMSAT Mobile Communications business unit ("CMC"), herein requests extension of the Special Temporary Authority ("STA") first granted on July 6, 1998, in File No. S-3451-EX-1998. This STA authorizes CMC to conduct a maritime radio experiment at C-band for six months, under Sections 5.202(i) and 5.202(j) of the Rules, utilizing six shipboard earth stations installed on vessels traveling in the Caribbean and in the U.S. coastal waters, a temporary-fixed earth station at Ft. Lauderdale, Florida and Santa Paula, California, and the COMSTAR D-4 and GE Americom Aurora-2 satellites. The current STA is due to expire on June 6, 1999. CMC herein requests an extension of STA through December 6, 1999.

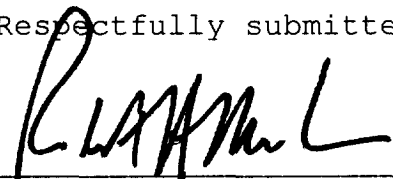
To date, CMC has successfully installed a number of C-band stabilized antennas on foreign registry cruise ships operated in the Caribbean and in U.S. coastal waters. Should the Commission decline to extend CMC's STA, its customers will suffer from interruption of their ongoing communications operations and investments. Such a result would not be in the public interest.

Particulars in support of this request are set forth in File No. S-2769-EX-97, as well as in previous filings regarding the COMSTAR D-4 experiment. Attached to this request is a technical report describing the results of CMC's experimental operations over the past six months. As shown in the report, the two spacecraft have provided reliable service to shipboard earth stations and there have been no reports of interference to other radio communications facilities due to the operation of this experiment. Continuation of this experiment will serve the public interest by demonstrating the utility of the two spacecraft and the stabilized VSAT antennas in the provision of C-band service to maritime users.

The COMSTAR D-4 will continue to operate in inclined orbit at 76° W.L. Grant of this request will not have a significant environmental impact and, thus, does not require an Environmental Statement under Section 1.1307 of the Commission's Rules. CMC certifies that neither the applicant nor any other party to this application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 853a.

Accordingly, CMC respectfully submits that the public interest would be served by extension of the requested experimental authorization and the continued operation of the COMSTAR D-4 at 76° W.L. for an additional six months until December 6, 1999.

Respectfully submitted,



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Robert A. Mansbach

Attachment

cc: Carl Huie

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