

ORIGINAL

FEDERAL COMMUNICATIONS COMMISSION

Approved by
2060-158
Expires - 1

FCC REMITTANCE ADVICE

PAGE NO. 1 OF 1

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SPECIAL USE

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JUL 10 1996

FCC USE ONLY

Received

Satellite Policy Branch
International Bureau

Read instructions carefully BEFORE proceeding.)

PAYOR INFORMATION

1) FCC ACCOUNT NUMBER 0 5 2 1 2 8 9 9 8 8	Did you have a number prior to this? Enter it.	2) TOTAL AMOUNT PAID (dollars and cents) \$ 575.00
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3) PAYOR NAME (If paying by credit card, enter name exactly as it appears on your card)
COMSAT General Corporation

4) STREET ADDRESS LINE NO. 1
c/o Phillip G. Avruch

5) STREET ADDRESS LINE NO. 2
22300 COMSAT Drive

6) CITY Clarksburg	7) STATE MD	8) ZIP CODE 20871
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9) DAYTIME TELEPHONE NUMBER (Include area code) 301-428-4000	10) COUNTRY CODE (if not U.S.A.)
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ITEM #1 INFORMATION

11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR COMSAT General Corporation	FCC USE ONLY
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12A) FCC CALL SIGN/OTHER ID KS-29	13A) ZIP CODE 20871	14A) PAYMENT TYPE CODE C R Y	15A) QUANTITY 1	16A) FEE DUE FOR PAYMENT TYPE CC IN BLOCK 14 \$ 575.00
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17A) FCC CODE 1	18A) FCC CODE 2
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19A) ADDRESS LINE NO. 1 c/o Phillip G. Avruch	20A) ADDRESS LINE NO. 2 22300 COMSAT Drive	21A) CITY/STATE OR COUNTRY CODE Clarksburg, MD 20871
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ITEM #2 INFORMATION

11B) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR	FCC USE ONLY
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12B) FCC CALL SIGN/OTHER ID	13B) ZIP CODE	14B) PAYMENT TYPE CODE	15B) QUANTITY	16B) FEE DUE FOR PAYMENT TYPE CC IN BLOCK 14 \$
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17B) FCC CODE 1	18B) FCC CODE 2
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19B) ADDRESS LINE NO. 1	20B) ADDRESS LINE NO. 2	21B) CITY/STATE OR COUNTRY CODE
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CREDIT CARD PAYMENT INFORMATION

22) MASTERCARD/VISA ACCOUNT NUMBER:

Mastercard Visa

EXPIRATION DATE: / (Month / Year)

23) I hereby authorize the FCC to charge my VISA or Mastercard

AUTHORIZED SIGNATURE _____ DATE _____

June 28, 1996

Mr. William F. Caton
Acting Secretary
Federal Communications Commission
Satellite and Radiocommunication Division
P.O. Box 358160
Pittsburgh, Pennsylvania 15251-5160

Re: COMSAT General Corporation
Extension of Special Temporary Authorization
Call Sign KS-29

Attn: Ms. Fern J. Jarmulnek, Chief
Satellite Policy Branch
Satellite & Radiocommunication Division

Dear Mr. Caton:

COMSAT General Corporation ("COMGEN"), pursuant to Section 25.119 of the Commission's Rules, hereby requests extension of the special temporary authorization ("STA") for the COMSTAR D-4 satellite (KS-29) granted orally on July 8, 1994, for a period of sixty-days and subsequently extended orally. The current STA permits COMGEN to use the COMSTAR D-4 satellite to send and receive transmissions to and from ships in U.S. coastal waters and in the Caribbean region. Because the pending December 28, 1995 STA request is due to expire on July 2, 1996, we hereby seek extension of the STA for an additional six-month period until January 2, 1997.

Particulars in support of this request are set forth in the COMGEN STA request of December 28, 1995, pertaining to the COMSTAR D-4 satellite (KS-29), as well as in previous filings regarding this experiment. In addition, attached to this request is a copy of a technical report describing the results of the experimental operations over the past six months. As demonstrated in the report, the COMSTAR D-4 is functioning better than expected and has shown no signs of degradation. Moreover, there have been no reports of interference to other radio communications facilities due to the operation of this experiment. Continuation of these operations will serve the public interest by demonstrating the utility of inclined orbits and stabilized VSAT antennas in the provision of C-band service

Letter to William F. Caton
June 28, 1996
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for maritime users.

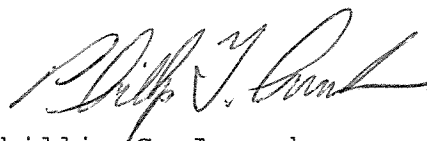
To date, COMSAT Mobile Communications ("CMC"), a customer of COMGEN, has successfully installed four C-band stabilized antennas on foreign registry cruise ships located in the Caribbean and U.S. coastal waters. A fifth installation is expected to be completed shortly. Should the Commission decline to extend the STA, COMGEN's customers will suffer from interruption of their ongoing communications operations and investments. Such a result would not be in the public interest

Accordingly, COMGEN respectfully submits that the public interest would be served by extension of the requested experimental authorization.

COMGEN 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.

An original and two copies of this application are enclosed, and a check in the amount of \$575.00, to cover the requisite FCC filing fee, is attached. Please date-stamp the enclosed copy marked "Duplicate" and return it to the undersigned in the enclosed stamped, self-addressed envelope.

Respectfully submitted,



Phillip G. Avruch
Assistant Secretary

Attachments

Test Report
for
COMSTAR D4
C-Band Experiment

June 28, 1996

1.0 General

COMSAT General Corporation, COMGEN, has received Special Temporary Authority (STA) to operate the COMSTAR D-4 satellite, call sign KS-29, now in included orbit, in a maritime mobile environment as part of an experiment to determine the viability of providing communications using "C" Band to ships in the Caribbean Sea and US coastal waters.

COMSAT Mobile Communications, CMC, a division of COMSAT and a customer of COMGEN, has been conducting an experiment under STA granted January 6, 1996 (File No. S-2297-EX-96), and the continuing technical results are most promising. System performance and communications availability has been very high and meets customer expectations. The following provides a summary of D4 spacecraft performance, shipboard earth station (SES) configuration and interference potential.

2.0 Spacecraft Performance

COMSTAR D4 is performing to specification and has shown no sign of degradation since beginning the experiment. The spacecraft is in an inclined orbit with a north/south inclination of 8.9°. A satellite life of a least four more years is expected.

3.0 Interference Potential

There have been no reports of interference to other radio communications facilities due to the operation of this C-Band experiment. Interference from other C-Band radio communications facilities has not affected the performance of this C-Band experiment.