

ECC/MELLON OCT 25 1994

DUPLICATE

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4-DSS-AMEND-95

October 25, 1994

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DOMESTIC FACILITIES DIVISION
SATELLITE RADIO BRANCH

*NOT ADMITTED IN D.C.

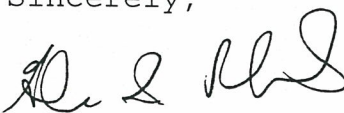
William F. Caton, Acting Secretary
Federal Communications Commission
1919 M Street, N.W.
Room 222
Washington, D.C. 20554

RE: AMSC Subsidiary Corporation
File No. 3-DSS-AMEND-93

Dear Mr. Caton:

On behalf of AMSC Subsidiary Corporation please find enclosed an amendment to the above referenced application. This application is also being filed in Pittsburgh with the Mellon Bank along with the appropriate fee. Please call the undersigned if you have any questions.

Sincerely,


Glenn S. Richards

GSR/les

Enclosure

cc: Mr. Thomas S. Tycz
Ms. Cecily C. Holiday
Ms. Fern J. Jarmulnek
Mr. Harold Ng

FEDERAL COMMUNICATIONS COMMISSION
FCC REMITTANCE ADVICE

Approved by OMB
 3060-0589
 Expires 2/28/97

PAGE NO. 1 OF 1

(RESERVED)

SPECIAL USE

FCC USE ONLY

(Read instructions carefully BEFORE proceeding.)

PAYOR INFORMATION

(1) FCC ACCOUNT NUMBER: 0 5 2 1 7 3 5 1 0 6
 Did you have a number prior to this? Enter it.
 (2) TOTAL AMOUNT PAID (dollars and cents): \$ 1,150.00

(3) PAYOR NAME (If paying by credit card, enter name exactly as it appears on your card)
 AMSC Subsidiary Corporation

(4) STREET ADDRESS LINE NO. 1
 c/o Fisher Wayland Cooper Leader & Zaragoza L.L.P.

(5) STREET ADDRESS LINE NO. 2
 2001 Pennsylvania Avenue, N.W., Suite 400

(6) CITY: Washington
 (7) STATE: DC
 (8) ZIP CODE: 20006-1851

(9) DAYTIME TELEPHONE NUMBER (Include area code): (202) 659-3494
 (10) COUNTRY CODE (if not U.S.A.):

ITEM #1 INFORMATION

(11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR: AMSC Subsidiary Corporation
 FCC USE ONLY

(12A) FCC CALL SIGN/OTHER ID: FCC File No. 3-DSS-AMEND-93
 (13A) ZIP CODE: 22091
 (14A) PAYMENT TYPE CODE: C W Y
 (15A) QUANTITY: 1
 (16A) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14: \$ 1,150.00

(17A) FCC CODE 1
 (18A) FCC CODE 2

(19A) ADDRESS LINE NO. 1: 10802 Parkridge Blvd.
 (20A) ADDRESS LINE NO. 2:
 (21A) CITY/STATE OR COUNTRY CODE: Reston, VA

ITEM #2 INFORMATION

(11B) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR
 FCC USE ONLY

(12B) FCC CALL SIGN/OTHER ID
 (13B) ZIP CODE
 (14B) PAYMENT TYPE CODE
 (15B) QUANTITY
 (16B) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14: \$

(17B) FCC CODE 1
 (18B) FCC CODE 2

(19B) ADDRESS LINE NO. 1
 (20B) ADDRESS LINE NO. 2
 (21B) CITY/STATE OR COUNTRY CODE

CREDIT CARD PAYMENT INFORMATION

(22) MASTERCARD/VISA ACCOUNT NUMBER:
 Mastercard Visa
 EXPIRATION DATE:

(23) I hereby authorize the FCC to charge my VISA or Mastercard for the service(s)/authorization(s) herein describe.
 AUTHORIZED SIGNATURE: _____ DATE: _____

In the Matter of)
the Application of)
AMSC SUBSIDIARY CORPORATION)
for Authority to Construct,)
Launch and Operate AMSC-1)

File No. 3-DSS-AMEND-93

To: Chief, Satellite & Radiocommunication Division
International Bureau

AMENDMENT

AMSC Subsidiary Corporation ("AMSC")^{1/} hereby amends the above-referenced application to change the frequencies for telemetry, tracking and control ("TT&C") while the satellite is in transfer orbit to conform to the TT&C frequencies to be used while the satellite is in orbit.

AMSC submits the following information in support of this request:

- (a) The name and address of the applicant is:

AMSC Subsidiary Corporation
10802 Parkridge Boulevard
Reston, VA 22091

^{1/} AMSC is the licensee of the U.S. MSS system. See Memorandum Opinion, Order and Authorization, 4 FCC Rcd 6041 (1989), rev'd in part, Aeronautical Radio, Inc. v. FCC, 928 F.2d 428 (D.C. Cir. 1991); see also Final Decision on Remand, 7 FCC Rcd 266 (1992) (reaffirming grant of MSS license to AMSC) aff'd, Aeronautical Radio, Inc. v. FCC, 983 F.2d 275 (1993).

- (b) Correspondence concerning this application should be addressed to:

Lon C. Levin
Vice President and Regulatory Counsel
AMSC Subsidiary Corporation
10802 Parkridge Boulevard
Reston, VA 22091

with a copy to applicant's counsel:

Bruce D. Jacobs
Glenn S. Richards
Fisher Wayland Cooper
Leader & Zaragoza L.L.P.
2001 Pennsylvania Avenue
Washington, D.C. 20006-1851

1. AMSC is authorized to operate AMSC-1 at 12197.75 MHz and 12195.25 MHz (space-to-Earth) for telemetry transmit and at 14497 MHz (Earth-to-space) for command receive during launch and up until commencement of on-station operation. Memorandum, Opinion & Order, 8 FCC Rcd. 4040, 4046 (1993).

2. On October 20, 1992, AMSC filed a request to eliminate the use of the 11/13 GHz band for TT&C operations and instead use only the 12/14 GHz band for on-station TT&C operations. File No. 3-DSS-AMEND-93. AMSC also requested authority to construct and operate TT&C for AMSC-1 during on-station operations at 11700.5 MHz and 11701.0 MHz (telemetry transmit) and at 14000.5 MHz and 14499.5 MHz (command receive). The Commission has not yet ruled on this unopposed application.^{2/}

^{2/} AMSC was granted a Section 319(d) waiver to construct the satellite at its own risk in conformance with this request. See Order, 23-DSS-MISC-92 (May 27, 1993). Since the filing of this last amendment, the spacecraft contractor has changed the manufacturer of the L-band antenna from Lockheed Corporation to Hughes Aerospace. This change in contractors does not materially affect the technical parameters of AMSC-1.

3. The purpose of this Amendment is to conform the TT&C frequencies that will be used during transfer orbit operations with those that will be used when the satellite is on-station. The frequencies requested herein (14499.5 MHz, 11700.5 MHz and 11701.0 MHz) are identical to those specified in the October 20, 1992 filing.

4. AMSC will coordinate with other satellite operators as necessary to preclude causing harmful interference to their systems. As is routine with in-orbit transfer coordination, thirty days prior to launch of AMSC-1, AMSC will notify operators of the satellites that AMSC-1 will pass during the approximately five-day transfer orbit phase. AMSC will advise the other satellite operators that AMSC-1 and its ground facilities will not radiate when the satellite is within one degree of another satellite.

Statement of Waiver

AMSC waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.

Drug Certification

The applicant certifies that, pursuant to section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. 853a, no party to the application is subject to a denial of federal benefits pursuant to that section.

Conclusion

For the above-stated reasons, AMSC respectfully requests that the Commission grant expeditiously the proposed modification.

Respectfully submitted,

AMSC SUBSIDIARY CORPORATION

By: Lon C. Levin

Lon C. Levin
Vice President and
Regulatory Counsel
AMSC Subsidiary Corporation
10802 Parkridge Boulevard
Reston, VA 22091
(703) 758-6000

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Dated: October 25, 1994

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