

FEDERAL COMMUNICATIONS COMMISSION
FCC REMITTANCE ADVICE

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

PAGE NO. 1 OF

(RESERVED)

SPECIAL USE
 FCC/MELLON JUL 15 1996
 Received FCC/MELLON JUL 18 1996
 FCC USE ONLY
 JUL 26 1996

(Read instructions carefully BEFORE proceeding.)

PAYOR INFORMATION

(1) FCC ACCOUNT NUMBER: 0 5 2 0 7 8 1 8 6 3 | Did you have a number prior to this? Enter in: Yes No | (2) TOTAL AMOUNT PAID (dollars and cents): \$ 80,360.00

(3) PAYOR NAME (If paying by credit card, enter name exactly as it appears on your card): COMSAT MOBILE COMMUNICATIONS

(4) STREET ADDRESS LINE NO. 1: 6560 ROCK SPRING DRIVE

(5) STREET ADDRESS LINE NO. 2:

(6) CITY: BETHESDA | (7) STATE: MD | (8) ZIP CODE: 20817

(9) DAYTIME TELEPHONE NUMBER (Include area code): (301) 214-3457 | (10) COUNTRY CODE (if not U.S.A.):

ITEM #1 INFORMATION

(11A) NAME OF APPLICANT, LICENSEE, REGULATEE, OR DEBTOR: COMSAT MOBILE COMMUNICATIONS | FCC USE ONLY

(12A) FCC CALL SIGN/OTHER ID: | (13A) ZIP CODE: 20817 | (14A) PAYMENT TYPE CODE: B N Y | (15A) QUANTITY: 1 | (16A) FEE DUE FOR PAYMENT TYPE CODE IN BLOCK 14: \$80,360.00

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

(19A) ADDRESS LINE NO. 1: 6560 ROCK SPRING DRIVE | (20A) ADDRESS LINE NO. 2: | (21A) CITY/STATE OR COUNTRY CODE: BETHESDA, MARYLAND 20817

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: / | Month Year

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

July 12, 1996

Received

JUL 26 1996

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

Satellite Policy Branch
International Bureau

ATTN: Thomas S. Tycz, Chief
Satellite and Radiocommunication Division
International Bureau

RE: Inmarsat-3 (F-2) Launch Authorization Request

Dear Mr. Caton:

COMSAT Corporation ("COMSAT"), by its COMSAT Mobile Communications business unit, hereby applies for such authority as may be necessary to participate in the launch, positioning and in-orbit testing of the Inmarsat-3 (F-2) spacecraft.¹ The Inmarsat-3 (F-2) spacecraft is currently under construction at Lockheed Martin Corporation and is expected to be delivered in July 1996. Current plans call for the launch of the spacecraft to take place on August 31, 1996 on a Proton launch vehicle.

LAUNCH AND PROPOSED USE

Barring in-orbit contingencies in the present Inmarsat space segment prior to launch, the Inmarsat-3 (F-2) spacecraft will be located at 15.5° W.L. and will serve as the primary Inmarsat

¹ The Commission has authorized COMSAT to participate in Inmarsat's procurement of the first five Inmarsat-3 satellites. See Communications Satellite Corp., 7 FCC Rcd 6278 (1992); Comsat Corp., Memorandum Opinion and Order (DA 96-742), released May 13, 1996.

operational satellite for the Atlantic Ocean Region-East (AOR-East) to support Inmarsat maritime, aeronautical, and land mobile satellite services in that region. It will be backed up by the Inmarsat-2 (F-2) satellite located at 17° W. L., which will serve as the primary spare for the AOR-East.

TESTING

The spacecraft will be placed directly into geostationary orbit at 270° W.L. by the Proton launch vehicle. It will be drifted to a temporary location at 332° W.L. and the tests of the spacecraft bus will be conducted during that initial drift period. The communications payload tests will be conducted at the temporary location and are expected to take only about two weeks. After the tests have been successfully completed, the spacecraft will be drifted to its operating location at 15.5° W. L. in the AOR-East. The drift will take about 10 days after completion of the in-orbit tests.

COSTS

The estimated costs associated with the F-2 spacecraft are as follows:

	<u>Real Year \$</u>
Cost of spacecraft manufacture (including delivery price, engineering changes and amendments)	\$ 69.2 million
Launch support services	2.6 million
Performance incentives	25.2 million
Lease interest costs, capitalized ²	23.2 million
Launch services	35.5 million
Launch insurance	8.0 million
Consultancy	2.6 million
In-house costs	8.2 million
Total Inmarsat	\$174.5 million


² Based on COMSAT's internal capitalization rate for the Inmarsat third generation satellite program.

Total COMSAT (based on current
ownership share of 23%) 40.1 million

Accordingly COMSAT request such authority as may be necessary to participate in Inmarsat's launch of the Inmarsat-3 (F-2) satellite, to participate in the test program described herein, and to position the spacecraft at 15.5° West Longitude.

Respectfully submitted,

COMSAT CORPORATION
COMSAT Mobile Communications

By: 

Robert A. Mansbach
Its Attorney

cc: Fern Jarmulnek
Sylvia Lam