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October 21, 1996

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

ATTN: Frank Wright,
Office of Engineering and Technology

Re: Request for Special Temporary Authority
for Radio Station License

Dear Mr. Caton:

COMSAT Mobile Communications (Name of the applicant) herein requests a grant of special temporary authority for a new mobile radio station license beginning October 25, 1996 and extending until February 1997 to operate 1 (number of units) land-based INMARSAT ship earth station(s) from temporary-fixed locations in the United States. In support of this request COMSAT Mobile Communications (Name of the applicant) submits the following information:

1. Applicant's Name and Address:

COMSAT Mobile Communications
6560 Rock Spring Drive
Bethesda, MD 20817

2. Name and Address of the Person for inquiries regarding this request:

Edward C. Tanzer
22300 COMSAT Drive, Clarksburg, MD 20871 (301)428-2530

3. Particulars of Operation:

Frequency	Power	Modulating Signal	Necessary Bandwidth
1626.5 - 1646.5MHz	15.5w	0-QPSK	<i>24 kHz</i>

*16 kHz BW / 615**1 X B*

4. Geographical location of the proposed operation:
COMSAT Mobile Communicaitons
22300 COMSAT Drive
Clarksburg, MD 20817
5. Antenna Type: Directional X Non-Directional
Width of beam in degrees at the half-power point: 14°
Orientation: Horizontal plane Vertical plane
6. Transmitting equipment to be installed:
- | Manufacturer | Type | Number |
|--------------|-----------------|----------|
| <u>JRC</u> | <u>JUE 345B</u> | <u>1</u> |

COMSAT Mobile Communications, (Name of the applicant) a U.S. corporation organized under the laws of the state of Maryland, affirmatively states that it does not in any manner act as a representative of a foreign government or a subdivision thereof nor would the authorization sought herein be used for the exclusive purpose of developing radio equipment for export that would come under the jurisdiction of a foreign government. The applicant has never had any FCC station license revoked or any application for permit, license, or renewal ever denied by the Commission.

COMSAT Mobile Communications (Name of the applicant) further states that grant of this request would not have a significant environmental impact and, thus, does not require an Environmental Statement under Section 1.1307 of the Commission's Rules. Unless otherwise indicated in an attachment to this request, the authorization sought herein will not be sought for fulfilling the requirements of a government contract with an agency of the United States Government.

In addition, COMSAT Mobile Communicaitons (Name of the applicant) further 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.

This temporary license is sought by COMSAT Mobile Communications (Name of the applicant), a INM SvcProvider (type of business), to operate 1 (number of units) INMARSAT-B (terminal type) terminal(s) from temporary-fixed locations in the United States to provide System Test (type of service) services. Simultaneous to this request, COMSAT has submitted to the Common Carrier Bureau a request for special temporary authority to provide satellite communications services to the subject terminal(s) via

November 6, 1996

6560 Rock Spring Drive
Bethesda, Maryland 20817
Telephone 301 214 3571
Fax 301 214 7145
Telex 197800VIA FACSIMILE

Mr. Carl Huie
Office of Engineering and Technology
Federal Communications Commission
2000 M Street, N.W., Room No. 286
Washington, D.C. 20554

Dear Mr. Huie:

This letter is submitted in response to your request for information on emission designators pertaining to STA license applications filed recently by COMSAT Mobile Communications (CMC) to operate One INMARSAT-A, one INMARSAT-B, four INMARSAT-C, and two INMARSAT-M terminals at its Clarksburg location. The pertinent information is as follows:

<u>TERMINAL TYPE</u>	<u>EMISSION DESIGNATOR</u>	<u>POWER</u>	<u>B/W NEC.</u>	<u>MOD. SIGNAL</u>
A	25KOG3E/G1D	36DBW	25 KHz	FM
B	16KOG7W/G1D	15DBW	20 KHz	0-QPSK
C	2K40G1W	14DBW	2.4 KHz	BPSK
M	8KOG7W/G1D	27DBW	12 KHz	0-QPSK

COMSAT will be submitting an STA request to the International Bureau today for authority to provide space segment capacity to CMC to operate these terminals to test the Inmarsat satellite networks for each of these terminal standards. Please call me if you need additional information regarding this matter.

Thank you.

Very truly yours,



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