

REQUEST FOR SPACE SEGMENT CAPACITY TO OPERATE INMARSAT TERMINALS FROM LAND-BASED LOCATIONS IN THE UNITED STATES

The Federal Communications Commission ("FCC") requires COMSAT Corporation ("COMSAT") to obtain authority prior to providing service to Inmarsat terminals operated from land-based (i.e., nonmaritime locations) within the United States. The FCC will only grant domestic service authority to COMSAT under certain circumstances. The FCC's determination is made on a case-by-case basis with regard to the specific facts of each request. For instance, the FCC has authorized COMSAT to provide space segment capacity in the United States where:

- (1) the capacity is required to test and demonstrate the communications capabilities of an Inmarsat terminal to prospective customers;
- (2) the performance of an Inmarsat terminal is to be tested prior to sending/taking it abroad;
- (3) personnel are to be trained in the use of Inmarsat terminal(s) prior to being deployed abroad;
- (4) an Inmarsat terminal is needed for emergency communications (either as backup communications or disaster relief); or
- (5) an Inmarsat terminal is required to provide services from a remote location where no alternative means of communications is available.

Therefore, the following information is necessary for COMSAT to prepare its request for authority from the FCC to provide domestic Inmarsat space segment capacity to your terminal(s) in a timely manner. The more specific and detailed the information you provide us about the intended use(s) of the terminal, the more likely it will be that COMSAT will be able to obtain timely FCC authorization to provide the services you need! Please feel free to attach additional pages if needed to answer questions fully.

1. Company's Name: COMSAT MOBILE COMMUNICATIONS
2. Company's Business: INMARSAT SERVICE PROVIDER

3. Who will operate the terminal? CMC ~~EMRO~~
4. By what date do you need to operate the terminal in the U.S.? ASAP
For how long? 24 MONTHS ~~JULY 1998~~

Please indicate on page 3 your reasons for needing to use the terminal by the specified date.

5. Will the same terminal also be used in one or more foreign countries or globally?
Yes ☐ No ☒

IF YES, please state on page 3 the country or countries involved, and how frequently you intend to use the terminal outside of the U.S.

6. Will the terminal be used for test and/or demonstration purposes?
Yes ☒ No ☐
SOUTH AMERICA - COUNTRIES UNKNOWN AT THIS TIME
ASIA - HONG KONG, EUROPE - BELGIUM, AFRICA

IF YES, please indicate on page 3 where the test(s) or demonstration(s) will take place, their duration and whether (a) this is a test prior to sale, (b) this is a test after sale prior to use, (c) this is a demonstration to potential customers, (d) the terminal will be a part of a test or demo pool, or (e) other (please describe).

7. Will the terminal be used to train your employees, customers, or other users?
Yes ☒ No ☐

IF YES, please explain on page 3 the nature, purpose, and duration of the training (indicating in particular whether the terminal will be used outside the U.S. or if personnel being trained will be deployed outside the U.S.):

8. Will the terminal be used for emergency communications or in a remote location where no alternative means of communications exist? Yes ☐ No ☒

IF YES, please describe on page 3 the nature of the emergency communication (if applicable), state the location, describe the communications service desired, and explain the reason(s) why existing means of communications, in particular those of the U.S. domestic mobile satellite service licensee (AMSC), are not available or are inadequate to meet your communications requirements:

9. If the terminal is to be used for high speed data applications, please indicate the speed at which transmissions will be conducted: _____

10. Does your use of the Inmarsat terminal relate to a U.S. Government contract?
Yes _____ No ☒.

IF YES, please briefly describe below how the terminal will be used in fulfilling the government contract: _____

11. If not otherwise provided above, state the purpose for which the terminal will be used in the United States: ~~TEST~~ TEST & DEMONSTRATION

12. You are required to obtain a separate FCC license before operating the terminal in the United States. Have you applied to the FCC for a license to operate the terminal?
Yes ☒ No _____

IF YES, give the date you filed the license application: _____; or the grant date: _____. Please attach a copy of the terminal license application.

IF NO, please complete the enclosed FCC application form and return it with the other commissioning materials, or explain on page 3 why no additional FCC license is required.

Use the space below to provide any additional requested information:

Thank you for your assistance in providing us the above information.

To Whom It May Concern:

COMSAT Mobile Communications (CMC) is a satellite communications company providing Inmarsat service, seeking to commission one Inmarsat-C terminal for test and demonstration purposes. CMC is applying to the FCC for permission to use the terminal in the U.S.A. FCC Form 442 has been forwarded to the FCC for a license to operate the unit in the domestic U.S.

Sincerely,



Ed Tanzer
Manager, Customer Engineering



Registration for service activation of Land Mobile Earth Station & Aero-C

Sections 1-4 and 7 are to be completed by all customers.

Tick boxes as appropriate.

Please write in block capitals.

RO use only ROcode

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Application number

Date Day Month Year

Customer's reference number

1 Your details (See note A)

Your name or the name of your organisation:

COMSAT MOBILE COMMUNICATIONS

Address:

6560 ROCK SPRING DR

Town/city:

BETHESDA

State/province:

MD

Post/ZIP code:

20817

Country:

Telephone: + Country code (1) - Area code (301) Telephone number (214-3160)

Facsimile: + Country code (1) - Area code (301) Facsimile number (214-7059)

Contact person:

Charles Tinker

Title:

MANAGER

Department:

Applications Engineering

What is their telephone number and/or extension? + Country code () - Area code () Telephone number ()

2 Paying the bill (See note B)

With whom have you arranged payment of calls for this MES?

The Service Provider ☐

The Accounting Authority ☒

What is their Code?

US01

If the Code is unknown, enter their name:

3 What type of Mobile Earth Station (MES) are you registering? (See note C)

Environment usage

Land mobile ☒

Land fixed ☐

Aero-C ☐

The system

Inmarsat-A ☐

Inmarsat-B ☐

Inmarsat-C ☒

Inmarsat-M ☐

Inmarsat-phone
mini-M ☐

Inmarsat
Aero-C ☐

What will be the primary use of the MES?

Land mobile/Land fixed

Government ☐

Transport ☐

Media ☐

Security ☐

Finance ☐

Humanitarian
and emergency ☐

Construction ☐

Mining ☐

Agents ☐

Tourism ☐

Rental ☐

Energy
and resource
management ☐

Agriculture ☐

Other ☒

please specify

Aero-C

Government ☐

Private/corporate ☐

Commercial ☐

Other ☐

please specify

What will be the country of registry of this MES?

USA

Mobile Earth Station (MES) manufacturer

JRC

Mobile Earth Station (MES) model

JUE-75C

4 What services are you applying for?

Inmarsat-A services (See note D)

Enter your Mobile Earth Station (MES) Serial number

Primary Inmarsat Mobile number (if known)

Privacy ☐ Voice ☐ Fax ☐ HSD ☐ DHSD ☐ Telex ☐ Telex answerback

Secondary Inmarsat Mobile number (if known)

Privacy ☐ Voice ☐ Fax ☐ HSD ☐ DHSD ☐

Preferred service activation region Pacific ☐ Indian ☐ Atlantic East ☐ Atlantic West ☐

Preferred service activation LES:

Preferred service activation date: (day/month/year)

Agent to conduct test:

Country:

Telephone: + Country code () - Area code () Telephone number ()

Facsimile: + Country code () - Area code () Facsimile number ()

Go to Section 5

RO use only Type of test: Full ☐ Reduced ☐

Inmarsat-B services (See note E)

Enter your Inmarsat Serial number (ISN)

Tick only 1 service per row and Privacy if required

Number	Privacy	Voice	Fax	Data	HSD	Telex	Telex answerback	Service code	RO use only Inmarsat Mobile number
1	☐	☐	☐	☐	☐	☐			
2	☐	☐	☐	☐	☐	☐			
3	☐	☐	☐	☐	☐	☐			
4	☐	☐	☐	☐	☐	☐			
5	☐	☐	☐	☐	☐	☐			

To enter more services, copy and complete this page as required, then go to Section 5

Inmarsat-M services (See note F)

Enter your Inmarsat Serial number (ISN)

Tick only 1 service per row and Privacy if required

Number	Privacy	Voice	Fax	Data	Service code	RO use only Inmarsat Mobile number
1	☐	☐	☐	☐		
2	☐	☐	☐	☐		
3	☐	☐	☐	☐		
4	☐	☐	☐	☐		

To enter more services, copy and complete this page as required, then go to Section 5

Inmarsat-phone mini-M and SIM card services (See note G)

Enter your Inmarsat serial number (ISN)

Service	Privacy	Service code	RO use only Inmarsat Mobile number
Voice	☐		
Fax	☐		
Data	☐		

Enter your SIM card serial number (SSN)

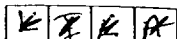
Service	Privacy	Service code	RO use only Inmarsat Mobile number
Voice	☐		
Fax	☐		
Data	☐		

Inmarsat-C and Aero-C services (See note H)

Enter your Mobile Earth Station (MES) Serial number

G462736(BDE) 980412(ADE)

Privacy Telex answerback



M E L S

RO use only

Inmarsat Mobile number

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Go to section 6

5 Multi-channel details (see Note I)

If you are NOT applying for a multi-channel or the Mobile Earth Station (MES) is not part of a multi-channel GO TO SECTION 6

If the Mobile Earth Station (MES) applied for is part of a multi-channel but is NOT the primary channel enter the required information below:

INMARSAT-A ONLY

Enter the Primary Inmarsat Mobile number of the primary channel

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INMARSAT-B/M/Inmarsat-phone mini-M ONLY

Enter the Inmarsat Serial number of the primary channel

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If you are applying for more than one channel copy and complete Sections 4 and 5 for each MES that is part of this multi-channel application.

6 To be completed for Aero-C Mobile Earth Stations (MES) only (see Note J)

What is the aircraft's registration or tail number?

Fuselage/airframe number

In which country is the aircraft registered?

Type of aircraft

Name of model

7 Certification and agreement

Charles Tinker

I, the owner, have read and agree to comply with the 'Terms and Conditions for the use of the Inmarsat space segment' on the next page.

Signed

Date

C. Tinker

11/9/98

Terms and Conditions for utilization of the Inmarsat Space Segment by Mobile Earth Stations (MESS)

Article 1. Scope of Terms and Conditions

Subject to the Inmarsat Convention and Operating Agreement, and any further terms and conditions that Inmarsat may attach, these terms and conditions shall apply to the authorization made by Inmarsat to the Owner of the Mobile Earth Station (MES) described in the Service Activation Registration Form (SARF), with respect to the utilization of the Inmarsat Space Segment by the MES.

Article 2. Mobile Earth Station Performance, Criteria and Operations

(A) Authorization Subject to Compliance with Technical and Operating Requirements

(1) Throughout its utilization of the Inmarsat space segment, the MES shall comply with the criteria and performance standards to which it was type-approved by Inmarsat, and the MES Operator shall comply with the operating procedures notified by Inmarsat to the MES Owner and MES Operator at any time or times.

(2) The authorization to utilize the Inmarsat space segment shall be conditional upon such compliance. The MES Operator shall not utilize the Inmarsat space segment for any purpose or in any manner other than as specified in the SARF and in these Terms and Conditions, without the prior written consent of Inmarsat.

(B) Sanctions in the Case of Non-compliance

(1) Inmarsat shall be entitled, at any time or times, and with immediate effect, unilaterally to modify, restrict, suspend or terminate, temporarily or permanently, the authorization by notification to the MES Owner and MES Operator, if Inmarsat deems the MES or the MES Operator to not so comply, or to practise a utilization not so authorized, no matter what the cause or causes of such non-compliance or practice.

(2) Inmarsat shall also send a copy of the notification to the Routing Organization through which the MES Owner's application for service activation was forwarded to Inmarsat.

(3) Unless the authorization has been terminated, Inmarsat shall lift such modification, restriction or suspension, if it is demonstrated to Inmarsat's satisfaction that compliance has been resumed and will be maintained, or that such unauthorized practice has been and will be discontinued by the MES Operator.

(C) Suspension and Termination in Special Circumstances

(1) The authorization shall be deemed to be suspended during any period in which persistent malfunction or any operation of the MES that degrades the performance of the Inmarsat space segment occurs.

(2) The authorization shall be deemed to be terminated if any one of the following circumstances occurs:

(a) any change in the information contained in the SARF which would require a change in MES identity;

(b) significant modification or change to the MES;

(c) in the case of a ship earth station (SES) removal of the SES from the ship on which it has been authorized to operate.

(3) The MES Owner or MES Operator, as the case may be, shall notify Inmarsat promptly via the appropriate Routing Organization, of the events specified in paragraphs (1) and (2) above.

(D) Suspension for Non-Payment of Accounts and Other Causes

(1) Without prejudice to any of the other remedies and provisions of these Terms and Conditions or at law, Inmarsat and any or all of the land earth station (LES) Operators in the Inmarsat system may, individually or jointly, suspend the authorization due to non-payment of accounts for the telecommunications services provided by the LESs, unauthorized use of the MES, loss or theft of the MES, fraudulent abuse of or by the MES, other non-compliance with these Terms and Conditions, insolvency of the MES Owner or MES Operator or their designated entity responsible for payment of accounts, or any other reason established under the Inmarsat Barring Procedures in force at the relevant time. The suspension shall not restrict on SES in the transmission of a distress alert.

(2) Upon being satisfied that the causes of the suspension have been remedied, Inmarsat and the LESs Operators may lift the suspension.

(E) Compliance with National Regulations

In utilizing the Inmarsat space segment, the MES Owner and MES Operator shall comply with the regulations governing the use of radiocommunications in the territorial sea, the ports, or national territory of any State in which the MES is located at any time.

Article 3. Financial Obligations

The establishment of charges for the telecommunications services provided by the land earth stations (LESs) is the prerogative of the owner and/or operator of the LES. All accounts for telecommunications services via the LESs must be paid without delay. In the

event of delayed payment, the LES Operators concerned may discontinue telecommunications services for the MES in default, except for the transmission of a distress alert, in accordance with Article 2(D) above.

Article 4. Telecommunications Disclaimer

(A) In this Article, "Inmarsat" means Inmarsat, its Parties, Signatories, their officers, employees, agents, the lessors, manufacturers and other providers of the Inmarsat space segment, or their assignees, or any of them.

(B) Inmarsat shall not be liable to the MES Owner, MES operator, MES user or any other person or entity for any claims arising out of property damage or personal injury including death arising in any manner and related to any unavailability, delay, interruption, disruption or degradation in or of the Inmarsat space segment capacity or modification, restriction, suspension or termination of the authorization, including suspension pursuant to Article 2(D), regardless of the cause or causes thereof. Such waiver of claims shall also extend to any indirect or consequential loss, damage liability or expense, or loss of revenue of business harm of any kind.

Article 5. Language and Communications

(A) These terms and conditions and all documentation and communications required thereunder shall be in the English language.

(B) All communications pertinent to the authorization or to these terms and conditions shall be made or confirmed, by telex, facsimile, data transmission or other written form. Communications by Inmarsat to the MES Owner and the Routing Organization shall be sent to its last known address and communications to the MES Operator shall be sent to the MES.

Article 6. Amendments

The terms and conditions as herein stated are subject to amendment by the Council of Inmarsat, such amendment to become effective upon the date specified by the Inmarsat Council, but not less than thirty (30) days after the date of notification of the amendment to the MES Owner, the MES Operator and the Routing Organization through which the MES Owner's application for authorization was forwarded to Inmarsat.

TERMINAL
[STA LICENSE LETTER APPLICATION]

_____, ___, 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 Engineer

Re: Request for Special
for Radio Station

Dear Mr. Caton:

Comsat-Mobile (Name of the
a grant of special temporary authorit
station license beginning _____
_____ to operate _____ (nu
INMARSAT ship earth station(s) from tem
the United States. In support of this re
(Name of the applicant) submits the foll

1. Applicant's Name and Address:

COMSAT MOBILE COMMUNICATIONS
6560 ROCK SPRING DR
BETHESDA, MD 20817

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

Charles Tinker, 6560 ROCK SPRING DR
BETHESDA, MD 20895

3. Particulars of Operation:

Frequency	Power	Modulating Signal	Necessary Bandwidth
1626.5-1646.5 MHz	14 dBw	600 BPS	2 KHz

4. Geographical location of the proposed operation:

VARIOUS LOCATIONS and 6560 ROCK SPRING DR
BETHESDA, MD 20817

5. Antenna Type: Directional _____ Non-Directional X
Width of beam in degrees at the half-power point: _____
Orientation: Horizontal plane _____ Vertical plane _____

6. Transmitting equipment to be installed:

Manufacturer	Type	Number
JRC	JUE-75C	1

COMMUNICATIONS.

COMSAT MOBILE (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.

COMMUNICATIONS.

COMSAT MOBILE (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 COMM (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.

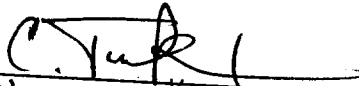
This temporary license is sought by COMSAT MOBILE COMM (CMC) (Name of the applicant), a SATELLITE COMM (type of business), to operate THREE (number of units) INMARSAT-C (terminal type) terminal(s) from temporary-fixed locations in the United States to provide TEST & DEMONSTRATION (type of service) services. 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

the INMARSAT system for the purposes stated herein.

Accordingly, COMSAT-MOBILE COMM (Name of the applicant) respectfully submits that the public interest would be served by the operation of the subject terminal for the aforementioned purposes and, thus, requests that the Commission grant the instant request for temporary authority.

The requisite filing fee of \$45 is enclosed.

Respectfully submitted


(Title) MANAGER Applications Engineer
(Telephone number) 1-301-214-3160

cc: Sylvia Lam
Carl Huie

REQUEST FOR SPACE SEGMENT CAPACITY TO OPERATE INMARSAT TERMINALS FROM LAND-BASED LOCATIONS IN THE UNITED STATES

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Therefore, the following information is necessary for COMSAT to prepare its request for authority from the FCC to provide domestic Inmarsat space segment capacity to your terminal(s) in a timely manner. The more specific and detailed the information you provide us about the intended use(s) of the terminal, the more likely it will be that COMSAT will be able to obtain timely FCC authorization to provide the services you need! Please feel free to attach additional pages if needed to answer questions fully.

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For how long? 24 months

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Yes ☐ No ☒

IF YES, please state on page 3 the country or countries involved, and how frequently you intend to use the terminal outside of the U.S.

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~~ASIA - HONG KONG, EUROPE - BELGIUM, AFRICA~~

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IF YES, please indicate on page 3 where the test(s) or demonstration(s) will take place, their duration and whether (a) this is a test prior to sale, (b) this is a test after sale prior to use, (c) this is a demonstration to potential customers, (d) the terminal will be a part of a test or demo pool, or (e) other (please describe).

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8. Will the terminal be used for emergency communications or in a remote location where no alternative means of communications exist? Yes ☐ No ☒

IF YES, please describe on page 3 the nature of the emergency communication (if applicable), state the location, describe the communications service desired, and explain the reason(s) why existing means of communications, in particular those of the U.S. domestic mobile satellite service licensee (AMSC), are not available or are inadequate to meet your communications requirements:

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Yes _____ No ☒

IF YES, please briefly describe below how the terminal will be used in fulfilling the government contract: _____

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Yes ☒ No _____

IF YES, give the date you filed the license application: _____; or the grant date: _____. Please attach a copy of the terminal license application.

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