

STA LICENSE LETTER APPLICATION

09 / 07 / 2000

Ms. Magalie R. Salas , Secretary  
Federal Communications Commission  
1919 M Street, NW., 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 Ms. Salas:

Comsat Mobile Communications (Name of the applicant) herein requests a grant of special temporary authority for a new mobile radio station license beginning 09/10/2000 and extending until 03/10/2001 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 Comm. (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:  
Craig Stevens, Applications Engineer  
6560 Rock Spring Drive Bethesda MD 20817
3. Particulars of Operation:

Frequency	Power	Modulating	Necessary Bandwidth
Tx: 1628.5 - 1660.5 MHz	14dBW	D-QPSK	16 kHz
Rx: 1525.5 - 1559.0 MHz	14dBW	D-QPSK	16 kHz

INMARSAT STANDARD: MINI-M

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4. Geographical location of the proposed operation:

ROOFTOP OF 6560 ROCK SPRING DRIVE  
BETHESDA MD 20817

LAT: 39° 1' 32" N  
LONG: 77° 08' 04" W

5. Antenna Type: Directional       X       Non-Directional                     

Width of the beam in degrees at the half- power point: 25° IN AZIMUTH ; 45° IN ELEVATION

Orientation: Horizontal plane                      Vertical plane                     

6. Transmitting equipment to be installed:

Manufacturer	Type	Number
<u>NERA</u>	<u>WORLDPHONE MARINE</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 the 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, this, 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 COMMUNICATIONS, (Name of 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 applicant), a SATELLITE COMMUNICATIONS (type of business), to operate 1 (number of units) INMARSAT Mini-M (terminal type) terminal (s) from temporary-fixed location in the United States to - provide TESTING + 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.

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Accordingly, Consat Mobile Communications (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, request that the commission grant the instant request for temporary authority.

The requisite filing fee of \$45 is enclosed.

Respectfully submitted

Craig F. Stevens

(Title)  
(Telephone number)

CRAIG F. STEVENS

APPLICATIONS ENGINEER

(301) 214-3160

cc: Sylvia Lam  
Carl Huie



AR#-427

# Registration for service activation of Maritime Mobile Earth Station

Sections 1-4, 6 and 8 are to be completed by all customer.  
Tick Boxes as appropriate.  
Please write in block capitals

PSA use only code

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 DRIVE

Town/city: BETHESDA State/province: MD

Post/ZIP code: 20817 Country: USA

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

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

Contact person: CRAIG STEVENS

Title: APPLICATIONS ENGINEER Department: CUSTOMER ENGINEERING

What is their telephone number and/or extension? + Country code ( 1 ) Area code ( 301 ) Telephone number ( 214-3160 )

**2. Paying the bill (See note B)**

**Note: Maritime MESs that MAY BE used for any distress and safety purposes MUST have an Accounting Authority. Other maritime MESs may use Inmarsat Service Providers.**

Will the MES be used for distress and safety communications? Yes  No

If YES, enter the Accounting Authority Code (AAIC):

If the Code is unknown, enter the name of the AA:

If NO, have you arranged payment of calls for this MES through (tick one)  
(a) Accounting Authority (AA)  (b) Inmarsat Service Provider (ISP)

Enter ISP or AA Code: USOI

If the Code is unknown enter the name of the ISP or AA:

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

Environment usage	The System	What will be the primary use of the MES?
Maritime <input type="checkbox"/>	Inmarsat-A <input type="checkbox"/>	Trading <input type="checkbox"/> Yachts <input type="checkbox"/>
Maritime Fixed <input checked="" type="checkbox"/>	Inmarsat-B <input type="checkbox"/>	Passenger/Cruise <input type="checkbox"/> Other <input checked="" type="checkbox"/>
	Inmarsat-C <input type="checkbox"/>	Offshore <input type="checkbox"/> please specify <u>TEST / DEMONSTRATIONS</u>
	Inmarsat-M <input type="checkbox"/>	Government <input type="checkbox"/>
	Inmarsat-phone mini-M <input checked="" type="checkbox"/>	Fishing <input type="checkbox"/>

What will be the country of registry of this MES? USA

Mobile Earth Station (MES) manufacturer: EB NERA Mobile Earth Station (MES) model: WORDPHONE MARINE

**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

PSA use only Type of test: Reduced  (Full  test only if the installation has changed)

**Inmarsat-B services (See note E)**

Enter your Inmarsat Serial number (ISN)

Number	Privacy	Voice	Fax	Data	HSD	Telex	Telex answerback	Service code	PSA use only Inmarsat Mobile number
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>		
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>		
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>		
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>		
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>		

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)

Number	Privacy	Voice	Fax	Data	Service code	PSA use only Inmarsat Mobile number
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

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

**Inmarsat-C (See note G)**

Enter your Mobile Earth Station (MES) Serial number

Privacy  Telex answerback  PSA use only Inmarsat Mobile number  Go to Section 6

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

If you are registering a mini-M HYBRID please input the four ISN numbers in the following boxes:

7	6										
7	6										

7	6										
7	6										

Enter your Inmarsat serial number (ISN)

7	6	E	B	5	2	9	0	B	A	9	9
---	---	---	---	---	---	---	---	---	---	---	---

Service	Privacy	Service code	PSA use only Inmarsat Mobile number
Voice	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Fax	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Enter your SIM card serial number (SSN)

--	--	--	--	--	--	--	--	--	--	--	--

Service	Privacy	Service code	PSA use only Inmarsat Mobile number
Voice	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fax	<input type="checkbox"/>	<input type="checkbox"/>	_____
Data	<input type="checkbox"/>	<input type="checkbox"/>	_____

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

**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

INMARSAT-B/M/Inmarsat phone mini-M ONLY  
Enter the Inmarsat Serial number of the primary channel

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. Distress and safety /Emergency Contact Details (See note J)**

ALL MES USERS MUST COMPLETE THIS SECTION

Who should we contact? COMSAT MOBILE COMMUNICATIONS

Address: 6560 ROCK SPRING DRIVE

Town/city: BETHESDA State/province: MD

Post/ZIP code: 20817 Country: USA

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

Facsimile + Country Code ( 1 ) Area code ( 301 ) Facsimile number ( 314-7054 )

Alternative 24 hour emergency telephone + Country code ( ) Area code ( ) Telephone number ( )

**7. To be completed for Maritime Mobile Earth Stations (MES) only (See note K)**

What is the name of the vessel?

\* In which country is the vessel registered? MMSI

Type of vessel IMO No.

Call sign Gross Tonnage

Capacity for persons on board (passengers and crew)

\* If the vessel is unregistered, enter the Country where the MES is to be licensed.

**8. Certification and agreement**

Accepts the above account.

(Enter AA Code)

(signed)

Date: Sept 7, 2000

AA Signature:

the owner, have read and agree to comply with the 'Terms and Conditions for the use of the Inmarsat space segment', in particular with all applicable national laws and regulations relating to the use of Inmarsat Mobile Terminals

**TERMS AND CONDITIONS FOR THE UTILIZATION OF THE  
INMARSAT SPACE SEGMENT BY SHIP EARTH STATIONS  
AND LAND MOBILE EARTH STATIONS INCLUDING AERO-C & AERO MINI-M**

**Article 1  
Scope of Terms and Conditions**

- (A) These Terms and Conditions shall apply to the authorization between Inmarsat Limited ("the Company") and the Owner or Licensee of the Mobile Earth Station ("MES") ("the MES Owner") described in the applicable Service Activation Registration Form ("SARF"), with respect to the utilization of the Inmarsat space segment by the MES.
- (B) For the purpose of these Terms and Conditions:
- (1) "SARF" means an application made by the MES Owner for utilization of the Inmarsat space segment.
  - (2) "Point of Service Activation (PSA)" means the entity responsible for processing the SARF.
- (C) The MES Owner shall ensure that any operator or user of the MES ("the MES Operator") is informed of and complies with these Terms and Conditions, as far as applicable, at all times.

**Article 2  
MES Performance, Criteria and Operations**

- (A) Authorization Subject to Compliance with Technical, Operating and Other 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, and the MES Owner and Operator shall comply with the operating procedures notified by the Company to the MES Owner and MES Operator at any time or times.
  - (2) The MES shall be used exclusively for peaceful purposes.
  - (3) The MES Owner shall notify the PSA promptly of any change in the Accounting Authority or Inmarsat Service Provider (ISP) or other billing entity, as specified in the SARF.
  - (4) The authorization to utilize the Inmarsat space segment shall be conditional upon compliance with this Article 2. The MES Owner and Operator shall not utilize the Inmarsat space segment in a manner contrary to the environmental usage and distress and safety conditions specified in the SARF or contrary to these Terms and Conditions, without the prior written consent of the Company.
- (B) Sanctions in the Case of Non-compliance
- (1) The Company 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 the MES Operator, if the Company deems the MES or the MES Owner 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) The Company shall also send a copy of the notification to the PSA.
  - (3) Unless the authorization has been terminated, the Company shall lift such modification, restriction or suspension, if it is demonstrated to the Company'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 Owner or 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 the Company promptly in writing via the PSA 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, the Company 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 use 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 Company's Barring Procedures in force at the relevant time.

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

(3) In the case of a ship earth station, the suspension shall not restrict an MES from transmitting a distress alert and distress priority message. The Company and the LES Operator shall use reasonable efforts to restore access to the space segment for subsequent safety communications associated with the distress situation.

(4) In connection with the administration of the Company's Barring Procedures, the Company and the LES Operators may share information about the status of the MES with each other, with Nominated Barring Authorities designated by LES Operators and, in the case of SESs, with Maritime Inspection Agencies.

(E) Compliance with National and International Regulations

In utilizing the Inmarsat space segment, the MES Owner and MES Operator shall comply with all applicable national laws and 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, and any other applicable national or international laws and regulations and the MES Owner shall indemnify the Company and any LES Operator concerned against any loss incurred by them as a result of any non-compliance with this paragraph. The Company shall hold the benefit of this indemnity as trustee for any such LES Operator.

**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 by the MES Owner without delay. In the event of delayed payment the Company and the LES Operators concerned may discontinue telecommunications services for the MES in default, except for the exchange of distress traffic, in accordance with Article 2(D) (3) above. If an LES Operator is unable to collect charges from the Accounting Authority, ISP or other billing entity specified in the SARF, personal and corporate details of the MES Owner or Operator may be disclosed to the LES Operator for the purposes of debt collection.



**Article 4  
Telecommunications Disclaimer**

- (A) This Article applies to the Company for itself and as trustee for the benefit of the lessors, manufacturers, or other providers of the Inmarsat space segment; the owners or operators of LESs; and the directors, officers, employees, agents or assignees, of any of them ("the other indemnitees").
- (B) Subject to paragraph (D) below, neither the Company nor any of the other indemnitees shall be liable for any claims attributable to any unavailability, delay, interruption, disruption or degradation in or of the Inmarsat space segment capacity; modification, restriction, suspension or termination of the authorization in accordance with Article 2(D)(1) above; failure to restore access in accordance with Article 2(D)(2) and (3) above; or sharing of information about the status of the MES in accordance with Article 2(D)(4) or Article 3 above regardless of the cause or causes thereof. Such waiver of claims shall also extend to any direct or consequential loss, damage, liability or expense, loss of revenue or business harm of any kind.
- (C) The MES Owner agrees to indemnify the Company and the other indemnitees and hold them harmless from any claims that might be made by the MES Operator or any other entity or person, attributable to any of the causes referred to in paragraph (B) above.
- (D) Nothing in this Article 4 shall exclude or limit liability for death or personal injury in any jurisdiction where, as a matter of law, such liability cannot be excluded or limited.

**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 or electronic form. Communications by Inmarsat the Company to the MES Owner and the PSA shall be sent to its their last known address, and communications to the MES Operator shall be sent to via the MES.

**Article 6  
Amendments**

The terms and conditions as herein stated are subject to amendment by the Company such amendment to become effective upon the date specified by the Company but not less than thirty (30) days after the date of notification of the amendment to the MES Owner, the MES Operator and the PSA.

**Article 7  
Certification and Agreement**

I the owner have read and agree to comply with the above Inmarsat "Terms and Conditions".

Name (Print) CRAG F. STEVENS

Signed: *Craig F. Stevens*

Date: Sept 7, 2000

Relevant Inmarsat Mobile Number/s \_\_\_\_\_  
(To be entered by the PSA)



## Notes for Completing the Maritime Mobile Earth Station(MES) Service Activation Registration Form (SARF)

### Introduction.

This registration Form applies to Maritime customers only. This should be completed and signed by the owner of the MES who ultimately be responsible for the payment of traffic incurred by the MES. If applying for more than one MES the customer must prepare separate Registration Forms for each MES applied for. To obtain the authorisation to activate the MES, this Registration Form should be submitted either directly to the PSA or to the Inmarsat Service Provider (ISP). For further information on PSAs and ISPs please contact the Inmarsat Customer Activation Group at the following address:

Customer Activation Group  
Inmarsat Limited  
99 City Road  
London EC1Y 1AX  
United Kingdom

Telephone +44 207 728 1020  
Facsimile +44 207 728 1142/528 0888  
Internet address: commissioning@inmarsat.org

### Note A: Your Details.

Enter the complete name and address of the Company, Organisation or Individual who will be ultimately responsible for the payment of traffic incurred by this MES. Ensure that country and area codes are entered within the appropriate brackets for telephone and facsimile numbers. Details of the contact person who will be responsible for dealing with queries concerning the MES, must also be entered.

### Note B: Paying the Bill.

MARITIME MESs THAT MAY, AT ANY TIME, BE USED FOR DISTRESS AND SAFETY PURPOSES MUST HAVE AN ACCOUNTING AUTHORITY. THIS IS TRUE FOR ALL SHIPS THAT HAVE ONLY ONE MES INSTALLED ON BOARD. SHIPS WITH MORE THAN ONE MES MAY USE THE ISP FOR MESs THAT WILL NOT IN ANYWAY BE USED FOR DISTRESS AND SAFETY PURPOSES.

Enter the entity, Inmarsat Service Provider (ISP) or Accounting Authority (AA) that will be responsible for handling and managing your traffic account. This is the entity where invoices from the Land Earth Station (LES) will be sent. The customer must ensure that prior agreement with either the ISP or AA has been secured before completing this section. PSAs may not agree to process the application if no evidence is shown that such agreement exists.

### Note C: What type of Mobile Earth Station (MES) are you registering?

This section determines the environment where the MES will be used, the system applied for, and the primary use of the MES. This section also identifies the model of the MES and the country where it will be registered.

Environment usage:

- i) Maritime means any MESs that is installed on board a ship, or any other vessel.
- ii) Maritime Fixed means any maritime MES that is installed on a fixed maritime installation such as fixed oil drilling platforms, light houses, maritime colleges, etc. Maritime fixed MESs shall not be used on board a ship or any other vessel.

The System:

Enter whether the MES to be activated is an Inmarsat-A, B, C, M, Inmarsat-phone mini-M.

Primary use of the MES:

Tick the box that fits the type of ship. For example, Container ships, Oil Tankers and Bulk Carriers should be classified as 'Trading'.

Country of Registry:

The country of registry is the country where the vessel is registered, or where the fixed installation is located.

MES Manufacturer and Model:

Enter the name of the MES manufacturer and the complete MES Model name.

**Note D-H: What services are you applying for?** The Customer should complete the section pertaining to the type of the MES.

### Note D: Inmarsat-A services.

Enter the MES serial number which should be located on the outside casing of the MES.

If applying for a Primary Inmarsat Mobile Number (IMN), leave blank and tick all the services that you want activated for the Primary IMN. If the MES has been activated and you are applying either for an additional service (s) or for a second IMN, enter the Primary IMN and the services that you want to add. If activating a Telex enter a 4 - letter answerback. Enter 'Y' or 'N' in the 'Privacy' box if the IMN is ex-directory or not. (If Privacy =Y, any enquiries regarding the MES will not be permitted by Inmarsat and the enquirer will be referred to the PSA.

If applying for a Second IMN, leave blank and tick all the services that you want activated for the 2nd IMN. If applying for a 2nd IMN on an MES that has been activated, enter the Primary IMN of the MES. If applying for additional service(s) on an activated 2nd IMN, enter the 2nd IMN and the additional services to be added.

The Customer should identify the preferred ocean region, the LES, date and time when the activation tests will be conducted, and the Agent who will conduct the tests. It is important to include the International dialling codes when entering the telephone and facsimile numbers to facilitate the contact with the Agent.

**Note E Inmarsat-B services.**

Enter the Inmarsat Serial Number (ISN) which should be found on the outside casing of the MES. The first digit has been entered for you. Enter the services required by ticking the boxes corresponding to such services. Also enter 'Y' or 'N' in the Privacy box, against each service that has been selected (when Privacy =Y, any enquiries regarding the MES will not be permitted by Inmarsat, and the enquirer will be referred to the PSA. If more than 5 services are required, copy this page, re-number the row accordingly and complete as required. Example: If requesting for 3 Voice, 3 Fax and 2 HSD, tick the box under Voice in rows 1, 2 and 3; tick the box under Fax for rows 4, 5 and 6 (additional page renumbered to start with number 5) and tick the box under HSD for rows 7 and 8 on the additional page. For Telex, the customer must enter the 4-letter answerback. Enter the service code if known. The list of service codes are attached for your convenience. Otherwise ask the PSA or ISP to provide the service codes. Leave the Inmarsat Mobile Number (IMN) blank. The PSA will assign the IMN for each service requested. Note: The same procedures should be followed if applying for additional services on an Inmarsat-B MES that has been previously activated.

**Note F Inmarsat-M services.**

Enter the Inmarsat Serial Number (ISN) which should be found on the outside casing of the MES. The first digit has been entered for you. Enter the services required by ticking the boxes corresponding to such services. Also enter 'Y' or 'N' on the Privacy box, against each service that has been selected (when Privacy =Y, any enquiries regarding the MES will not be permitted by Inmarsat and the enquirer will be referred to the PSA. If more than 4 services are required, copy this page, re-number the row accordingly and complete as required. Example: If requesting for 3 Voice, 3 Fax and 2 Data, tick the box under Voice for rows 1, 2 and 3; tick the box under Fax for rows 4, 5 and 6 (additional page renumbered to start with number 5) and tick the box under Data for rows 7 and 8 on the additional page. Enter the service code if known. The list of service codes are attached for your convenience. Otherwise ask the PSA or ISP to provide the service code. Leave the Inmarsat Mobile Number (IMN) blank. The PSA will assign the IMN for each service requested. Note: The same procedures should be followed if applying for additional services on an Inmarsat-M MES that has been previously activated.

**Note G Inmarsat-C**

Enter the MES Serial Number which should be found on the outside casing of the MES. The manufacturer or his agent will provide this serial number if it is not placed on the casing. Enter 'Y' or 'N' on the Privacy box. (when Privacy =Y, any enquiries regarding the MES will not be permitted by Inmarsat and the enquirer will be referred to the PSA. Enter the 4-letter telex answerback (Numbers and special characters are not allowed.) Leave the Inmarsat Mobile Number (IMN) blank. The PSA will assign the IMN for each service requested.

**Note H Inmarsat phone mini-M and SIM card services.**

This section will allow Customers to apply for the service activation of Mini-M on its own, Mini-M plus SIM Card, or SIM Card on its own. When applying for a Mini-M Hybrid, enter the four Inmarsat Serial Numbers (ISNs) in the four boxes provided, whether all the ISNs are to be activated or not. Next, enter the ISN to be registered/activated in the box below, and proceed as follows:- If applying for activation of a Mini-M MES, enter the Inmarsat Serial Number (ISN) which should be found on the outside casing of the MES. The first two digits have been entered for you. If applying for a SIM Card enter the SIM Card Serial Number (SSN). Enter the services required by ticking the boxes corresponding to such services. Also enter 'Y' or 'N' on the Privacy box. (when Privacy =Y, any enquiries regarding the MES will not be permitted by Inmarsat and the enquirer will be referred to the PSA. Enter the service code if known. The list of service codes are attached for your convenience. Otherwise ask the PSA or ISP to provide the service code. Leave the Inmarsat Mobile Number (IMN) blank. The PSA will assign the IMN for each service requested. If applying for both Inmarsat-phone mini-M MES and SIM Card, the MES and the SIM card will be allocated separate IMNs.

**Note I Multi-Channel Details (Check with your MES Dealer or Service Provider if you need to complete this section)**

A Multi-Channel MES is composed of several MESs that are connected to only one antenna. It allows the customer to send calls on one MES and receive calls on another MES simultaneously. This is in contrast to a single-channel MES where a customer is not able to receive a facsimile whilst the telephone is being used. If the MES applied for is the Primary Channel, do not complete this section. However, if the MES is a 'secondary channel' complete the relevant area in Section 4 and enter the primary IMN (for Inm-A) or primary ISN (for Inm-M/B/mini-M) in this section. Note: If applying for the Primary and secondary channels at the same time, complete separate forms for each Channel. For Inmarsat-A, the IMN of the primary channel at this point is not known. Customer must ensure that all the Inmarsat-A registration forms for the secondary channels are attached firmly to the registration forms for the Primary channel.

**Note J Distress and Safety/Emergency Contact Details**

Enter the complete name and address of the individual who will be responsible for acting on behalf of the owners of the vessel or shore in case of a distress and safety situation when the MES is used for this purpose. Ensure that country and area codes are entered within the appropriate brackets for telephone and facsimile numbers. Do not omit any details, as immediate contact must be established with such a person when the distress and safety situation arises.

**Note K This section should be completed if the MES is installed on a ship.**

Enter the ship's details as required. Applicants using this form must always enter the correct details and in particular the Call Sign, the MMSI and the IMO Number. PSAs may not agree to process the application if the details in this section is incomplete.

**Certification and Agreement.**

1. To assist the PSA, this is an entry for the AA to verify they accept the account, by placing their code and signature in the required sections.
2. This section must be signed by the person who owns the MES and has the ultimate responsibility for ensuring payment of traffic incurred by the MES

FEDERAL COMMUNICATIONS COMMISSION  
Washington, DC 20554

INSTRUCTIONS FOR COMPLETING FCC FORM 442

APPLICATION FOR NEW OR MODIFIED RADIO STATION AUTHORIZATION UNDER PART 5 OF FCC RULES -  
EXPERIMENTAL RADIO SERVICE (OTHER THAN BROADCAST)

These instructions should be removed from the form before the form is mailed to the Commission.

General Information and Instructions:

1. Before this application is prepared, the applicant should refer to Parts 0, 1, 2, 5, and 17 of the Rules and Regulations of the Commission. Copies of these rule parts, 47 CFR Parts 0 through 19 (1 volume), may be purchased from the Superintendent of Documents, Government Printing Office (GPO), Washington, DC 20402. You may telephone the GPO Order Desk at (202) 512-1800 for current prices.

2. APPLICATION FILING PROCEDURES

Applicants are required to submit one payment by check, bank draft or money order with each application. Page 1 of the FCC Form 442 must show the correct fee type code and remittance. Check, bank draft or money order must be made payable to the Federal Communications Commission, and be drawn upon a United States financial institution. Foreign, postdated, altered, or third-party checks are not acceptable. Do not send cash. Completed applications should be submitted to the appropriate address listed below. For amount of fee, applicant should refer to the OET FEE FILING GUIDE.

a. BY MAIL: FEDERAL COMMUNICATIONS COMMISSION  
Experimental Radio Service  
P.O. Box 358320  
Pittsburgh, Pa 15251-5320

b. HAND-DELIVERY OR COURIER SERVICE: FEDERAL COMMUNICATIONS COMMISSION  
c/o Mellon Bank  
Three Mellon Bank Center  
526 William Penn Way  
27th Floor, Room 153-2713  
Pittsburgh, Pa 15259-0001  
Attention: Wholesale Lockbox Shift Supervisor

\*Applications hand delivered or sent by courier should be placed in an inner envelope with address "a" and then submitted to address "b".

c. CLASSIFIED APPLICATIONS: Applications that are classified (CONFIDENTIAL OR SECRET) for National Security purposes must be filed as follows: Submit page 1 of FCC Form 442, showing the appropriate fee code, payment and a letter explaining that this is a classified application to address "a" above; submit the remaining application to the following address:

FEDERAL COMMUNICATIONS COMMISSION  
Security Operations Staff, OMSD  
Room 411  
1919 N Street, N.W.  
Washington, D.C. 20554

## 3. FEE TYPE CODE(S) :

Type of Application:	Fee Type Code:
a. New station authorization	EAE
b. Modification of authorization	EAE
c. *Confidentiality request	RAE

\*Confidentiality Request: Applications filed with a request for the Commission to withhold any information from public inspection, pursuant to FCC rule provisions in 47 CFR 0.457(d), shall use the additional Fee Type Code EAE. These applications must also contain a letter justifying the withholding of information in accordance with 47 CFR 0.459 of the Rules.

4. If a corporation, state corporate name; if a partnership, state names of all partners and the name under which the partnership does business; if an unincorporated association, state the name of an executive officer, the office held by him, and the name of the association. If this application involves a station that is now authorized, the name shown must correspond exactly with that name shown on the current authorization.
5. Applicants should make every effort to file complete applications. Failure to do so may result in a rejection and return of the application or a delay in the processing of the application.
6. Each document required to be filed as an exhibit should be current as of the date of filing. If a current and complete answer to any question other than questions 1, 2 and 3, is already on file within the Commission, then the question may be answered by reference to such information on file.
7. To refer to the material on file it is necessary that the applicant provide sufficient information to locate the previously filed material. If filed with a station application, furnish name of applicant or licensee, call sign, file number, and date of filing. In other cases furnish date of filing and describe the matters in connection with which filed.
8. Each document or statement required to be filed as an exhibit should be numbered separately. Exhibit numbers should be shown in the blank space provided for this purpose in the individual items of the application form. Where the space left in the application for narrative answers is insufficient a separate statement, bearing an exhibit number in sequence with other exhibits numbered in the application, should be attached to the application and reference to the statement's exhibit number should be made in the answer space.
9. When the antenna structures proposed to be erected will extend more than 6 meters above ground or above an existing building, the applicant must analyze the structures pursuant to Part 17, Subpart B, of the FCC rules, to determine if notification to FAA is required. If notification is required, the applicant should submit FAA Form 7450-1, (Notice of Proposed Construction or Alteration) to one of the FAA Regional Offices listed on FCC Form 854, (Request for Antenna Height Clearance and Obstruction Marking and Lighting Specifications).
10. The latitude and longitude for locations in the United States and the Caribbean Islands must be referenced to either the North American Datum of 1927 (NAD 27) or 1983 (NAD 83). Topographical maps indicate which datum was used. Coordinates (latitude and longitude) should be accurate to within +/- 5 m of the National Spatial Reference System.
11. If the proposed facility may have a significant environmental impact, as defined in Section 1.1307 of the FCC rules, the applicant must submit an environmental assessment as required by Section 1.1311.