

REQUEST FOR SPACE SEGMENT TO BE USED WITH LAND-BASED SES TERMINALS

The Federal Communications Commission (FCC) requires COMSAT Mobile Communications to obtain authorization for providing space segment to be used in providing services via land-based ship earth station terminals. The FCC will authorize COMSAT to provide space segment for such services only under certain conditions. The FCC will approve temporary limited use of such stations only where no other means of communications are available such as in the case of emergency situations resulting from disasters or where these terminals are the only adequate means of meeting urgent communications requirements in remote locations. In order to enable us to obtain FCC authorization, the following information is required.

Applicant: Chris Y. Kinman (COMSAT)

Brief description of applicant's business: Mobile Communications

Service provider. Operator of Global earth stations.

Ultimate user of terminal: Earth station technician

Who will operate the terminal?: Earth station terminals

Where will the terminal be operated? Clarksburg, Maryland

Explain the services for which the terminal will be used and why no other means of communications are available: This terminal will be used as an operational testing facility. The mobile terminal will be used to verify integrity of the Inmarsat M/B network.

What is the required timeframe for use of the terminal for this service? November 1994 - November 1995

Have you obtained authorization from the FCC (commercial applicants) or NTIA (USG applicants) for ground segment use of the terminal? Please provide authorization date or date the authorization request was submitted. _____

**** (NOTE) - Customers are to be informed that they are responsible for filing with the FCC' Office of Engineering Technology an experimental license form (Form 442) which is the procedure the FCC follows for these TAs. This applies to all Land-Based terminals for domestic (U.S.) only.**

FCC Requirement

U. S. Land-Based

The FCC requires the owner/operator of a U.S. Land -Based unit to obtain a license to radiate carrier within the domestic U.S.A. The requirements are:

- FCC Form 442**
- FCC Form 155 (Fee Form)**
- \$35 Per Terminal**

The FCC forms plus check should be submitted to the following address:

**Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320**

U. S. Land-Based Operating in Domestic U.S.A.

Comsat Commissioning Department requires the following:

- 1. Commissioning Application**
- 2. Letter-of-Intent**
- 3. Space Segment Request**
- 4. Copy of 442 submitted to FCC**

Operating in Foreign Country only

Requirements are:

- 1. Commissioning Application**
- 2. Letter-of-Intent**

We remind customers of the necessity of contacting the PTT of that country and obtaining permission to bring the unit into their country and radiate carrier.

SECTION C EQUIPMENT DETAILS

For Single SES, complete only Item A and proceed to Section D. For Multi-Channel SES, complete Item A for the Primary Channel if applicable, then enter all secondary channels in Item B. If more than 6 Channels are required please copy this page and complete as for Channels 1-6. Ensure that additional pages are attached securely on the Application Form.

*Do not fill in the area below
RO Office Use Only*

A. Single SES/Primary Channel

Channel No: 1
ISN:

B. Secondary Channels

Channel No:
ISN:

Channel No:
ISN:

Channel No:
ISN:

Channel No:
ISN:

A. FOR SINGLE SES OR PRIMARY CHANNEL ONLY

Channel No.:

Manufacturer: Furuno

Model: Felcom 80A, Class I; Type IB-280

ISN: 3FE001606BD4

Software Revision No: 1.1

For Inmarsat-B Only: Teleprinter ISN/Model: NONE

B. FOR SECONDARY CHANNELS ONLY

Channel No.: _____

Manufacturer: _____

Model: _____

ISN: _____

Software Revision No: _____

For Inmarsat-B Only: Teleprinter ISN/Model: _____

Channel No.: _____

Manufacturer: _____

Model: _____

ISN: _____

Software Revision No: _____

For Inmarsat-B Only: Teleprinter ISN/Model: _____

Channel No.: _____

Manufacturer: _____

Model: _____

ISN: _____

Software Revision No: _____

For Inmarsat-B Only: Teleprinter ISN/Model: _____

Channel No.: _____

Manufacturer: _____

Model: _____

ISN: _____

Software Revision No: _____

For Inmarsat-B Only: Teleprinter ISN/Model: _____

SECTION D SERVICE DETAILS: Inmarsat-M

Enter a maximum of five (5) end-terminal per service per table. For SINGLE SES Application a maximum of 16 end-terminals can be entered in this page. For MULTI-CHANNEL Application please enter no. of end-terminals required for EACH Channel. If more than five (5) end-terminals are required per service for same channel, use next table but ensure the correct Channel No. and ISN are entered. If more than 3 Channels or more than 10 end-terminals are applied for, please copy this page and complete as required. Ensure that additional pages are attached securely on the Application Form. If column for DUPLEX/SIMPLEX is left blank service requested will be assumed to be DUPLEX.

ROUTING ORGANIZATION NUMBER				

Do not fill in area below
RO Office Use Only

Channel No: _____ ISN: _____

Channel No:				
End Terminal (Z ₁ Z ₂)				
1	2	3	4	5

SERVICES AVAILABLE	DUPLEX/ SIMPLEX**	NO. OF END- TERMINALS APPLIED FOR (Max. 5)	PRIVACY REQUIRED (Y/N)				
			1	2	3	4	5
VOICE							
Group-3 FAX							
DATA							

Do not fill in area below
RO Office Use Only

Channel No: _____ ISN: _____

Channel No:				
End Terminal (Z ₁ Z ₂)				

SERVICES AVAILABLE	DUPLEX/ SIMPLEX**	NO. OF END- TERMINALS APPLIED FOR (Max. 5)	PRIVACY REQUIRED (Y/N)				
VOICE							
Group-3 FAX							
DATA							

Do not fill in area below
RO Office Use Only

Channel No: _____ ISN: _____

Channel No:				
End Terminal (Z ₁ Z ₂)				

SERVICES AVAILABLE	DUPLEX/ SIMPLEX**	NO. OF END- TERMINALS APPLIED FOR (Max. 5)	PRIVACY REQUIRED (Y/N)				
VOICE							
Group-3 FAX							
DATA							

** DUPLEX means able to pass traffic simultaneously in both directions, i.e. ship-to-shore and shore-to-ship
SIMPLEX means able to pass traffic in either direction at any one time, i.e. shore-to-ship or ship-to-shore only

SECTION D SERVICE DETAILS: Inmarsat-B

Enter a maximum of five (5) end-terminal per service per table. For SINGLE SES Application a maximum of 10 end-terminals can be entered in this page. For MULTI-CHANNEL Application please enter no. of end-terminals required for EACH Channel. If more than five (5) end-terminals are required per service for same channel, use next table but ensure correct Channel No. and ISN are entered. If more than 2 Channels or more than 15 end-terminals are applied for, please copy this page and complete as required. Ensure that additional pages are attached securely on the Application Form. If column for DUPLEX/SIMPLEX is left blank service requested will be assumed to be DUPLEX. There is no need to identify the facsimile equipment as a separate end-terminal if switched with the voice equipment.

ROUTING ORGANIZATION NUMBER				

Do not fill in area below
RO Office Use Only

Channel No: 1 ISN: 3FE001606BD4

Channel No:				
End Terminal (Z,Z ₂)				
1	2	3	4	5

SERVICES AVAILABLE	DUPLEX/SIMPLEX	NO. OF END-TERMINALS APPLIED FOR (Max. 5)	PRIVACY REQD (Y/N)					
			1	2	3	4	5	
VOICE (16)	Duplex	1	N					
VOICE (9.6)								
FAX	Duplex	1	N					
DATA (16)								
DATA (9.6)	Duplex	1	N					
DATA (64)	Duplex	1	N					
TELEX	Duplex	1	N					

Do not fill in area below
RO Office Use Only

Channel No: _____ ISN: _____

Channel No:				
End Terminal (Z,Z ₂)				
1	2	3	4	5

SERVICES AVAILABLE	DUPLEX/SIMPLEX	NO. OF END-TERMINALS APPLIED FOR (Max. 5)	PRIVACY REQD (Y/N)					
			1	2	3	4	5	
VOICE (1.6)								
VOICE (9.6)								
FAX								
DATA (16)								
DATA (9.6)								
DATA (64)								
TELEX								

** DUPLEX means able to pass traffic simultaneously in both directions, i.e. ship-to-shore and shore-to-ship
SIMPLEX means able to pass traffic in either direction at any one time, i.e. shore-to-ship or ship-to-shore only

Do not fill in the area below
RO Office Use Only

LES Code:

Commig Agent Code:

AAIC:

BE Code:

Install. Code

SECTION E COMMISSIONING LES DETAILS

Commissioning LES Preferred: COMSAT AORW
 Commissioning Date (dd/mm/yy): _____
 Commissioning Site: Southbury
 Commissioning Agent: Chris Kinman
 Address: 22300 Comsat Drive
Clarksburg, MD 20871

Post/Zip: 20871 Tel. No: (301) 428-2356
 Tx: 197800 Fax: (301) 601-5959

SECTION F ACCOUNTING AND BILLING DETAILS

Enter the Ship's or Fixed Installation's Billing Arrangement. If the SES's billing arrangement differs from the installation or ship, complete MCA004 - Application for Split Billing.

ACCOUNTING AUTHORITY (Mandatory):

ITU AA Code: US01
 Name: FCC

BILLING ENTITY (Optional):

Name: Andy O'Neill
 Address: 22300 Comsat Drive
Clarksburg, MD 20871
 Town: Clarksburg Country: USA
 Post/Zip: 20871 Tel.No.: (301) 428-5478
 Tx: 197801 Fax: (301) 601-5949

CREDIT/CHARGE CARD:

Card type: _____ Number: _____
 Card Holder: _____
 Expiry Date(mm/yy): _____

SPLIT BILLING Required(Y/N): _____

SECTION G INSTALLATION DETAILS

Installation/Ship Name: LAN (CES)
 Installation/Ship category: CES
 National Registration Number: _____
 National Licensing Authority: FCC
 4-Letter Answerback: CYKI

FOR MOBILE (SHIP) INSTALLATION:

IMO No: _____
 Radio CallSign: _____ MMSI: _____
 Gross Tonnage: _____ Year of Build: _____
 Vessel Length(m): _____ No. of pas+crew: _____

FOR FIXED INSTALLATION:

Location: Santa Paula
Southbury, CT U.S.A.
 Intended use: Test Terminal

In fixed installation, indicate how the ship earth station will be operated: Attended XX Unattended _____

Do not fill in the area below
RO Office Use Only

SECTION H OWNER & MANAGER DETAILS

INSTALLATION/SHIP OWNER:

Name: Chris Kinman
Address: 22300 Comsat Drive
Clarksburg, MD 20871
Town: Clarksburg Country: USA
Post/Zip: 20871 Tel.No: (301) 428-2356
Tlx: 197800 Fax: (301) 601-5959

OWNER Code:

MGR Code:

INSTALLATION/SHIP MANAGER:

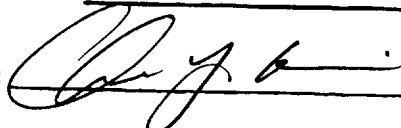
Name: Chris Kinman
Address: 22300 Comsat Drive
Clarksburg, MD 20871
Town: Clarksburg Country: USA
Post/Zip: 20871 Tel. No: (301) 428-2356
Tlx: 197800 Fax: (301) 601-5959

CERTIFICATION and AGREEMENT

The Applicant agrees to comply with the attached Terms and Conditions for the Utilization of the Inmarsat space segment applicable to the ship earth station (SES) described in this Application.

PRINT

Applicant Name: Chris Y. Kinman

Signature:  Date: 11/3/94

The Routing Organization

- a) declares that it has received from the Applicant the Commissioning Form duly completed and signed by the Applicant, and
- b) agrees, pursuant to Article XIV of the Inmarsat Operating Agreement, and in consideration of Inmarsat accepting this Application, either in paper form, or in electronic form (magnetic media or direct electronic data transfer), to be responsible to Inmarsat for compliance by the SES Operator with all national and applicable International regulations governing the licensing, installation, operation and use of the SES, and with all aforesaid Terms and Conditions.

PRINT

RO Rep. Name: _____

Signature: _____ Date: _____

**TERMS AND CONDITIONS FOR UTILIZATION OF THE INMARSAT SPACE SEGMENT
BY SHIP EARTH STATIONS FOR MARITIME COMMUNICATIONS**

Article 1: Scope of Terms and Conditions

Subject to, and complementary to, the relevant provisions of the Inmarsat Convention and Operating Agreement, and any further terms and conditions that Inmarsat may attach, the terms and conditions set forth herein shall apply to the authorization made by Inmarsat to the Licensee of the Ship Earth Station (SES) described in the attached Access Authorization Certificate, with respect to the utilization of the Inmarsat Space Segment by the SES for maritime communications.

Article 2: Ship 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 SES shall comply with the criteria and performance standards to which it was type-approved by Inmarsat, and the SES Operator shall comply with the operating procedures notified by Inmarsat to the SES Licensee and SES Operator at any time or times.
- (2) The authorization to utilize the Inmarsat space segment shall be conditional upon such compliance. The SES Operator shall not utilize the Inmarsat space segment for any purpose or in any manner other than as specified in the application for authorization 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 SES Licensee and SES Operator, if Inmarsat deems the SES or the SES Operator to not so comply, or to practice a utilization not so authorized, no matter what the cause or causes of such non-compliance or practice.
- (2) 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 unauthorized practice has been and will be discontinued by the respective SES.

(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 SES 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 commissioning application which would require a change in SES identity;
 - (b) significant modification or change to the SES;
 - (c) removal of the SES from the ship on which it has been authorized to operate.
- (3) The Ses Licensee or SES 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.

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 LESs concerned may discontinue telecommunications services for the SES in default, except for the exchange of distress traffic.

Article 4: Telecommunications Disclaimer

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, shall not be liable to the SES Licensee or any other person or entity for any direct, indirect or consequential loss, damage, liability or expense sustained by reason of any unavailability, delay, interruption, disruption or degradation in or of the Inmarsat space segment capacity or modification, restriction, suspension or termination of the authorization, regardless of the cause or causes thereof.

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 SES Licensee shall be sent to its last known address and communications to the SES Operator shall be sent to the SES.

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 SES Licensee, the SES Operator and the Routing Organization through which the SES Licensee's application for authorization was forwarded to Inmarsat.

NOTES ON HOW TO COMPLETE THE INMARSAT-M/B MARITIME COMMISSIONING APPLICATION FORM (MCA002)

An Application Form must be completed for each single or multi-channel SES. The Application Form must be submitted to your Routing Organization. Any Application Form forwarded to Inmarsat will not be processed unless authorised by the Routing Organization. For MULTI-STANDARD applications, complete separate forms for each standard.

Section A APPLICATION DETAILS

- Routing Organization:** (RO) Authority in-charge of processing the application form. They are selected based on the country of registry of the installation. A complete list is available from Inmarsat.
- Country of Registry:** Refers to the country where the ship is registered, or where the fixed maritime installation is located, e.g. lighthouse
- Usage of SES:** Indicates how the SES is going to be used - Mobile if installed on a ship or rig; Fixed if installed on lighthouses, maritime colleges, ports, etc.
- Multi-Channel:** Enter Y if SES model is type-approved as or can be part of, a multi-channel SES. Enter the no. of Channels applied for, including Primary Channel if applicable.
- Transaction Required:** Select (a) if the application is for the FIRST SES to be installed on board the ship or fixed installation, regardless of whether it is an Inmarsat-M or -B SES, and whether it is a stand-alone or multi-channel SES. As this is your first application, your RON will be assigned by your Routing Organization when the application is processed.
 Select (b) if the application is for additional SESs, regardless of whether it is an Inmarsat-M or -B. This option should also be selected if applying for additional channels of a previously commissioned Multi-Channel SES. Note that your Primary Channel must be commissioned first before any secondary channels can be requested. Enter the ISN of the Primary Channel. As your RON has been assigned previously by the RO, you must enter your RON. Sections F, G and H need not be completed if the details are the same as the previous application.
 Select (c) if applying for additional end-terminals or services for a previously commissioned Stand-alone or Multi-Channel SES. Enter the ISN of the SES or of the Channel where the end-terminal(s) will be added. Enter the RON previously assigned by the RO. Sections F, G and H need not be completed if the details are the same as the previous application. Section E must be completed if one of the end-terminal is required to undergo the commissioning tests.
 Select (d) if the country of registry has changed. Enter the country where the Ship or fixed installation has been previously registered, and the old RON. Your Routing Organization will assign a new RON for the installation. In changing the country of registry, the SESs will not be decommissioned. The commissioning tests will not be done even though the IMNs are changed. Do not complete Sections C, D and E. However, sections F, G and H must be completed.

Section B APPLICANT AND LICENSEE DETAILS

Applicant's complete Name & Address must be entered. The telephone, fax and telex number must be entered following the international format, i.e. tel. & fax : +countrycode, citycode, number; telex : countrycode, telex no., answerback. Example: Maritime Commissioning tel. no. is +44 71 728 1020, fax no. is +44 71 528 0898. Contact Person should be a person who could answer any queries relating to the application.

Licensee is the person licensed or authorised to operate the SES. Enter complete name and address following the format stated above. If blank will be assumed to be the same as the Applicant.

Section C EQUIPMENT DETAILS (if known at time of completion of the form)

A. Single SES/Primary Channel of a Multi-Channel Only

- Manufacturer:** Enter SES Manufacturer's Name
- Model:** Enter SES Model Name
- ISN:** Enter the Inmarsat Serial No. (ISN) which should be prominently displayed in front of the SES
- Software Rev. No.** Enter Software Revision No.
- Teletypewriter ISN/Model** This is applicable to Inmarsat-B only.

B. Secondary Channels Only

- Channel No.** This should always be > 1. The total no. of secondary plus the primary channel should be equal to the no. of channels entered in section A.

Enter equipment details for the secondary channels. If more than 5 secondary channels are applied for, copy the page and complete as required.

Section D INMARSAT-M (OR INMARSAT-B)

If the number of end-terminals or the number of channels required cannot be accommodated on the page, copy the relevant page and complete as required.

- Channel No:** For single SES enter '1'. For Multi-Channel SES enter the relevant channel no.
- ISN:** Enter the Inmarsat Serial Number (ISN) for the relevant Channel
- Services Available:** These are the services currently available in the system. Please add on the blank space provided any additional service required which the SES is capable of.
- Duplex/Simplex:** Enter the Service Nature - if left blank will be assumed to be DUPLEX.
 DUPLEX means that the SES is capable of sending traffic simultaneously in both directions, i.e. ship-to-shore and shore-to-ship. SIMPLEX means that the SES is capable of sending traffic in either directions at any one time.
- No. of End-Terminals Applied For:** Enter no. of end-terminals required per service. Note that only 5 can be entered per table. If more than 5 is required use the next tables. For Multi-Channel applications ensure that the relevant Channel No. is entered correctly.
- Privacy Required:** Enter 'Y' if the IMN for a specific service should not be included in any public directories or any publications. Privacy indicator should be entered for every services. If left blank it is assumed to be public. Note that inquiries by anyone except the Licensee or Owners on private IMNs are not entertained by Inmarsat unless authorization from the Licensee or Owner has been received.

Section E COMMISSIONING DETAILS

- Commissioning LES:** Enter the preferred LES where the commissioning will be done
Commissioning Date: Enter the preferred date when the SES will be commissioned.
Commissioning Site: Enter the place where the SES will be located during commissioning
Commissioning Agent: Enter the complete name, address and contact numbers in the format specified in Section B. Note that the Agent must also receive a copy of the Commissioning Requests Telex and it is important that the correct fax or telex number is given.

Section F ACCOUNTING AND BILLING DETAILS

This section refers to the Ship's or Fixed Installation's Accounting and Billing arrangements. The SES's billing details will default to this if no indication has been received on the contrary. If the Accounting and Billing Details of the SES differs from the installation, please complete Form MCA004 - Application for Split Billing.

- Accounting Authority:** This is a mandatory requirement. The application will not be processed without it. Please check with your RO to determine which AAIC is acceptable. Note that some countries have preferred AAICs.
Billing Entity: This is optional and approval is at the discretion of the RO. If approved, ensure that the complete name, address and contact numbers are entered in the format stated in Section B.
Credit/Card Charge: Prior to completing this field the Applicant must check if payment by credit cards are acceptable to the RO.
Split Billing (Y/N): If the billing details of a SES differs from the ship's or fixed installation, the Applicant must complete and submit MCA004 - Application for Split Billing. In addition to SESs, billing can be split by IMN, by Channel (of a Multi-Channel SES). Note that any split billing can only be implemented after the SES has been commissioned. Split Billing is not part of the Application, but is a separate transaction.

Section G INSTALLATION DETAILS

- Installation/Ship Name:** Enter name of ship. For fixed installations such as lighthouses, maritime colleges or maritime ports, the name is taken from the first 10 characters of either the Applicant's name or the answerback, and is prefixed by the word 'LAN' followed by the category in brackets, e.g. LAN(STR) APPL 1. For fixed installations, if left blank the RO will by default enter the name.
Installation/Ship Category: Enter the SHIP's category by using the 3 letter code provided, as follows:

BLK - Bulk Carrier	FAC - Factory Ships	CBL - Cable Ships	SPT - Special Tankers
CON - Container Ship	RES - Research Vessels	GEN - General Cargo	GOV - Government Vessels
ICE - Ice Breakers	YAT - Yacht	TUG - Tug	LGC - Liquefied Gas Carriers
PAS - Passenger Ship	FSH - Fishing Vessels	OFC - Offshore Construction Vessel	
SEI - Seismic Ships	OIL - Oil Tanker	ODP - Oil Drilling Ships and Platforms	

Enter the MARITIME FIXED INSTALLATION Category by using the 3 letter code as follows:
 TES - Test SESs PRO - Production SES CES - CES Test SES SHR - Shore based Maritime
 STR - Structures in the Maritime Environment, incl. buoys RCC - Rescue Coordination Centre
Nat. Registration 4-Letter Answerback: Enter the name of the Licensing Authority and the national registration number.
 Enter a 4-letter answerback.

- For Ships Only:**
IMO No. This is the same as the Lloyds Registration Number
Radio Call Sign: Enter your complete radio call sign without special characters (e.g. /.-) or spaces.
MMSI: Maritime Mobile Ship's Identity - issued either by the national radio licensing authority or the maritime authority, in accordance to Appendix 43 of the ITU Radio Regulations.
Gross Tonnage: Enter ship's gross weight or tonnage
Year of Build: Enter the year when the ship was built.
Vessel Length: Enter ship's length in meters.
No. of Pas+Crew: Enter total number of passengers, including crew members.

- For Fixed Installations Only:**
Location: Enter the address where the SES is installed.
Intended Use: Enter the reason why the SES is installed, e.g. SCADA, weather broadcasting, for educational & training purposes, etc.
Operation: Unattended SESs are those which are operated remotely, examples are lighthouses, monitoring buoys. Attended SES are operated on site and operators are present most of the time.

Section H OWNER AND MANAGER DETAILS

Enter the name and complete address and contact numbers of the ship's or fixed installation's owner and manager. Refer in Section A for the telephone, fax and telex formats.

CERTIFICATION AND AGREEMENT

The Application Form must be signed and dated by both the Applicant and the authorised Routing Organization (RO) Representative. As per instructions from the RO, Inmarsat will not accept any Applications which do not bear the signature of the person(s) authorised to approve the Maritime Commissioning Application.