



Commission for  
**Communications Regulation**

APPLICATION FORM

Application Form for a Fixed Satellite Earth  
Station(FSES) Licence or a Teleport Facility Licence.

Document No:	ComReg 08/33
Date:	May 8 <sup>th</sup> 2008

**Document Revision History**

Document Version	Date	Nature of Revision
08/33	May 2008	New Application Form reflecting changes in the Satellite Guidelines (ComReg 00/64 R2)

## Notes for Applicants

1. In accordance with the Wireless Telegraphy Act 1926, the appropriate licence must be held to cover possession or use of radio equipment. Possession or use of radio equipment without a licence is an offence which renders the offender liable to prosecution.
2. Prior to submitting an Application Form, applicants are advised to read the Guidelines for Satellite Earth Stations (SES) Licences Operating in frequencies above 3GHz (ComReg Document 00/64 R2).
3. To submit a valid application (new application or amendment), it is necessary to ensure that all sections (Parts 1-3) of this application form are completed and are fully legible (typed or completed in block capitals).
4. Application Forms not adequately completed will be considered invalid and will be returned to the applicant.
5. In certain circumstances, ComReg may request further information or clarification from the applicant.
6. ComReg will endeavour to process applications quickly and accommodate each applicant's requirements. However, it should be noted that this may not be possible in all cases.
7. A licence cannot be issued until all fees have been received. Once processing of the application is complete, ComReg will issue an invoice in respect of the licence fee. ComReg requires that this fee be paid within 30 days of invoicing. Applications will be deemed to have lapsed if payment of this invoice is not received within 30 days.

Completed signed application forms must be submitted to ComReg, either by post, faxed or as a scanned copy via e-mail. Please quote 'Satellite Licence Application' in the e-mail subject field.

**Address:** Licensing Operations Team,  
ComReg,  
Block DEF,  
Abbey Court,  
Irish Life Centre,  
Lower Abbey Street,  
Dublin 1.

**Email:** [licensing@comreg.ie](mailto:licensing@comreg.ie)

**APPLICATION FOR A FIXED SATELLITE EARTH STATION (FSES) OR A TELEPORT FACILITY LICENCE**

**PART 1: General Details**

**1A: Applicant Contact Details**

<b>1. Full Name of the company or person in whose name the licence is sought:</b>	
<b>2. Registered Number in the Companies Registration Office:</b>	
<b>3. Trading Name:</b> (If different from above)	
<b>4. ComReg Account Number<sup>1</sup>:</b>	
<b>5. Business Address:</b> Address:  County or Postcode:  Country:	
<b>6. Phone No.:</b>	
<b>7. Fax No.:</b>	
<b>8. E-Mail:</b>	
<b>9. Name and Address to which the licence / correspondence is to be sent:</b> (If different from address given above)	Name:
	Address:  County or Postcode:  Country:

<sup>1</sup> This is the account number allocated to you by ComReg. You will have an account number if you applied in the past to ComReg for any type of licence. This account number is printed on ComReg correspondence such as invoices, renewal notices etc.

## 1B: Technical Contact Details<sup>2</sup>

<b>10. Name:</b>	
<b>11. Business Address:</b> Address:  County or Postcode:  Country:	
<b>12. Phone No.:</b>	
<b>13. Fax No.:</b>	
<b>14. E-Mail.:</b>	

## 1C: Information on General Authorisation<sup>3</sup>

Under Section 4 (1) of the European Communities (Electronic Communications Networks and Services) (Authorisation) Regulations 2003 (SI. No. 306 of 2003), any person intending to provide an electronic communications network or service shall, before doing so, notify the Regulator of their intention to provide such a service.

Under Section 4 (5) any undertaking which fails to comply with section 4 (1) or section 4 (4) (notification of any changes to the information supplied) is guilty of an offence.

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<sup>2</sup> This is the person in your organisation to contact in relation to this licence application.

<sup>3</sup> See ComReg Documents 03/102R and 03/81 for further details of the General Authorisation notification process.

**PART 2: Technical Information**

**2A. FSES Licence Information**

Where an applicant is applying for more than one Satellite Earth Station (SES) or for a Teleport licence; Part 2 should be copied and completed in respect of each additional Earth Station in the application.

<b>1. FSES Reference Name</b>	
<b>2. Type of Application</b>	New <input type="checkbox"/> Amendment <input type="checkbox"/> Replacement <input type="checkbox"/>
<b>3. Original Licence No.</b> Applies to Amendment & Replacement only	
<b>4. Licence Duration</b>	No. of Months Start Date of Transmission
<b>5. Licence Category</b> FES or Teleport Facility	FES (Fixed Earth Station) <input type="checkbox"/> or Teleport Facility <input type="checkbox"/>
<b>6. Type of Licence</b> Tx, Rx or Tx & Rx	Tx <input type="checkbox"/> or Rx <input type="checkbox"/> or Tx & Rx <input type="checkbox"/>
<b>7. Purpose of Service</b> (i.e. Broadcasting, Audio/Visual Broadcasting Services, VSAT station, Backhaul data communications, Hub station; or Broadcasting Satellite Service (BSS) feeder link etc.).	

**2B. FSES Technical Parameters**

<b>8. Location Details</b>	Site Name	
	Address	
	Accurate Coordinates: (Exact Co-ordinates in Lats/Longs)	
	Antenna Height (AGL metre)	
<b>9. Frequency</b>	Centre Frequency (GHz)	
	Frequency Range of Operation (MHz)	
	Bandwidth (MHz)	
	eirp (dBW) (Tx only)	

<b>10. Polarisation</b>	Linear or  Circular	Vertical <input type="checkbox"/> and/ or Horizontal <input type="checkbox"/>  Left <input type="checkbox"/> and/ or Right <input type="checkbox"/>
<b>11. Signal Information</b>  See: ComReg Document 08/34 for Information on Emission Designators	Emission Designator  Capacity (Mb/s) (Max Capacity transmitted)  Carrier Modulation System (e.g. QPSK, QUAM, etc.)  Multiple Access Techniques (if applicable) (e.g. FDMA, TDMA or CDMA)	

**2C. FSES Radio Equipment and Antenna**

<b>12. Modulator Details</b>	Manufacturer  Model Name	
<b>13. Up/Down Converter Details</b>	Manufacturer  Model Name	
<b>14. Power Amplifier Details</b>	Manufacturer  Model Name	
<b>15. Antenna Details</b>	Manufacturer  Model Name  Diameter (metres)  Tx/Rx Maximum Gain (In dBi for Linear Polarisation and in dBic for Circular)  3 dB Beamwidth (Degrees)	
<b>16. Antenna Radiation Pattern Envelope (RPE)</b>	Please indicate the ITU recommendation with which the antenna complies:  REC-465/ REC-580/ AP-7/ AP-8/ 29-25 log(FI)/ 27-25log(FI)	
<p><b>If the RPE does not fall within above categories please provide the earth stations antenna RPE as an attachment. The required format can be found at:</b>  <a href="http://www.comreg.ie/licensing_and_services/ExampleRPE.txt">http://www.comreg.ie/licensing_and_services/ExampleRPE.txt</a></p>		

## 2D FSES Associated Space Station and Link Budget

<b>17.</b> <b>Space Station Details</b>	Space Station Name	
	Space Station Operator	
	Nominal Orbital Position (Degrees)	
<b>18.</b>	<b>If possible please submit a Link Budget to <a href="mailto:licensing@comreg.ie">licensing@comreg.ie</a> &amp; quote the reference name of that email in this application.</b>	

**2E Coordination Information**

<b>19. Satellite Tx/Rx Beam Designation</b> See: ComReg Document 08/34 for Information on Emission Designators		
<b>20. Earth Station Details Tx only</b>	Min Peak Power (dBW)	
	Max Peak Power (dBW)	
	Min Power Density (dBW/Hz)	
	Max Power Density (dBW/Hz)	
	Max Aggregate Power (dBW)	
<b>21. Earth Station Details Rx only</b>	C/N Objective (dB)	
	Receiver Noise Temperature (Kelvin)	
<b>22. Further Antenna Information</b>	Antenna Elevation Angle (Degrees)	
	Azimuth Angles From – To (Degrees)	
<b>23. Horizontal Site Survey Diagram Attachment Name</b>		
<b>24. Site Shielding</b>		



<b>PART 3: Declaration Form</b>
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**DECLARATION BY THE APPLICANT**

I have read and understood the Guidelines for Satellite Earth Stations (SES) Licences Operating in frequencies above 3GHz (ComReg Document 00/64 R2) and I confirm that this application complies with the minimum technical requirements as set out in that document.

I accept that the Commission for Communications Regulation “ComReg” may publish information relating to licensed Satellite Earth Station and that certain information relating to any licence issued pursuant to this application may be contained in any such publication.

I agree to comply fully with all the terms and conditions of the licence, if granted, in accordance with the Wireless Telegraphy (Fixed Satellite Earth Stations and Teleport Facility) Regulations, 2007.

While ComReg will endeavour to minimise the potential for interference, I accept that ComReg will not be liable for any interference received from other licensed users and that I will comply with whatever ComReg requests in preventing interference being caused by this Satellite Earth Station to other licensed users of the radio spectrum.

I accept that a licence does not confer any right of ownership of the frequency spectrum. It allows the assigned frequency channel to be used during the term of the licence in accordance with the conditions of the licence.

I certify that all information provided on this form, including all documentation attached, is true and accurate.

I certify that all the equipment as specified on this form is R&TTE compliant

**Signature of Applicant:**

**Name in Block Letters:**

**Date:**

**Position held:**

**PART 4: Fees and Method of Payment**

**4A. Fees**

Please refer to the Guidelines (ComReg Document 00/64 R2) for applicable fees.

**4B. Methods of Payment**

Upon successful technical processing of this application, fees are required before licensing can be completed. Fees can be paid by the following methods:

<b>Cheque / Postal Order</b>	Cheques / Postal Orders should be crossed and made payable to <i>The Commission for Communications Regulation</i>
<b>Bank Transfer / Electronic Funds Transfer (EFT)</b>	<p>Transfers to ComReg’s account should be made to:</p> <p style="padding-left: 40px;">Bank of Ireland, 6 Lower O’Connell Street, Dublin 1. Account Number: 17806887 Sort Code: 90-00-33 BIC Code: BOFIIE2D IBAN No: IE62 BOFI 9000 3317 8068 87.</p> <p>If making a bank transfer/EFT, please ensure that:</p> <ul style="list-style-type: none"> <li>· Your Bank quotes <b>your Name</b> and “<b>Satellite Earth Station</b>” in making the transfer to ComReg.</li> <li>· You forward details of the date of and amount of payment to our Accounts Department (<a href="mailto:accounts@comreg.ie">accounts@comreg.ie</a>).</li> </ul>
<b>Credit Card</b>	<p>Credit card payments can be accepted</p> <ul style="list-style-type: none"> <li>○ By completing the Credit Card payment form below</li> </ul> <p>For existing ComReg account holders accepted, payments can made</p> <ul style="list-style-type: none"> <li>○ Over the telephone - contact accounts at 01 8049618</li> <li>○ On-Line, using <a href="http://www.licensing.comreg.ie">www.licensing.comreg.ie</a></li> </ul>

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**Credit Card Payment Form:**

**Type of Card:**    **Visa**     **Access / MasterCard**     **Laser**

Card Number :    \_ \_ \_ \_ / \_ \_ \_ \_ / \_ \_ \_ \_ / \_ \_ \_ \_

Cardholder’s Name: \_\_\_\_\_

Cardholder’s Address: \_\_\_\_\_

\_\_\_\_\_

Expiry Date: \_\_\_\_ / \_\_\_\_

Signature: \_\_\_\_\_    Date: \_\_\_\_\_