

Ofcom application form OfW101

Application for the Issue or Variation of a Transportable Earth Station (TES) Licence

Please ensure this form is signed and dated at the bottom and use capitals throughout.

Before completing this form please read the **Guidance Notes on pages 6-8.**

Please note the technical information contained in this application form will be used when you make clearance requests using the online clearance tool, SPECTRAsc.

Please keep a copy of the completed application form.

How we use your data

We require this information in order to carry out our licensing duties under the Wireless Telegraphy Act.

Please see Ofcom's General Privacy Statement for further information about how Ofcom handles your personal information and your corresponding right:

www.ofcom.org.uk/about-ofcom/foi-dp/general-privacy-statement

1 Applicant details

Is this application

(Tick **one** box only.)

for a new annual licence?

for a short-term licence?

for an addition to an existing annual licence?

If so please quote your licence number

to supersede existing licence details?

If so please quote your licence number and give further details below

Please give the full name of the company or authority to which the licence is to be issued.

Applicant's address

Address

Postcode

Address for correspondence (if different from above)

Address

Postcode

Telephone

E-mail

On which date will TES operations start?

<input type="text"/>	<input type="text"/>	<input type="text"/>
day	month	year

and on which date (if known) will operations end?

<input type="text"/>	<input type="text"/>	<input type="text"/>
day	month	year

2 Station details

Make	<input type="text"/>
Model	<input type="text"/>
Serial number	<input type="text"/>
Frequency band (Tick one box only)	<input type="checkbox"/> C band <input type="checkbox"/> Ku band <input type="checkbox"/> Ka band
Licence category (Tick one box only)	<input type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III

Characteristics of the transmitting antenna

Type of antenna – e.g. Cassegrain, Gregorian, Offset Front Fed	<input type="text"/> <input type="text"/> <input type="text"/>
Size of antenna	<input type="text"/> Metres <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>
Maximum isotropic gain	<input type="text"/> dBi <input type="text"/> <input type="text"/> . <input type="text"/> <input type="text"/>
Radiation pattern (give reference pattern or provide diagram)	<input type="text"/>
See figure no:	<input type="text"/>

Please provide the relevant contacts for this licence application:

Licence contactName E-mail Tel **Billing contact**Name E-mail Tel **Technical contact**Name E-mail Tel

Please provide an online access contact, including e-mail address to which clearance documentation will be sent by the online clearance tool, SPECTRAsc.

Online access contactName E-mail Tel

Would you like to have your organisation added to the list of operators licensed to operate satellite services in the UK?

Yes No

The list may be made available to interested parties on request.

Ofcom's point of contact is: **Ofcom, FAO Spectrum Licensing**
PO Box 1285
Warrington
WA1 9GL

E-mail: spectrum.licensing@ofcom.org.uk
Tel: 020 7981 3131

The information given on this form is to be processed for the purpose of approving this application and issuing a Transportable Earth Station licence.

4 Declaration to be signed by all applicants

I declare that all the information that I have provided in this application form is correct, to the best of my knowledge and belief.

Signature of applicant

Name of applicant (BLOCK CAPITALS)

Position of applicant in organisation (if applicable)

(Partners are taken to be signing on behalf of all partners)

Date of signature

5 Checklist

Have you

- completed all sections of the form applicable to you?
- attached and listed diagrams required?
- signed the declaration?
- made a copy for reference?

6 Where to send your form

Please send your completed application form to:

Ofcom
FAO Spectrum Licensing
PO Box 1285
Warrington
WA1 9GL

E-mail spectrum.licensing@ofcom.org.uk
Tel 020 7981 3131

Guidance Notes for a Transportable Earth Station (TES) in the Fixed Satellite Service

General

These notes and application form relate to the issue of a Wireless Telegraphy Act 2006 licence.

Notes on completing this form

In the case of a private firm which is not a Limited Company, the full name of each partner should be given.

There may be insufficient space on the form to answer particular questions, in such cases the appropriate section should be photocopied and added to the form.

The processing of the application may be delayed if any of the details given on the form are not complete or correct.

Any variation to your licence requires the prior consent of Ofcom. If you are applying for a variation to your current licence, you need to complete all questions.

2 Station details

Serial number

The serial number of the station will be used by the online clearance tool, SPECTRAsc to identify the station details.

Frequency band

Select the frequency band in which the TES will transmit.

C band: 5.925 - 7.075 GHz

Ku band: 13.78 - 14.5 GHz

Ka band: 27.5 - 27.8185 GHz

28.4545 - 28.8265 GHz

29.4625 - 30 GHz

Licence category

Select the appropriate category/class of TES licence required according to the maximum input power to the antenna (P in watts) multiplied by the maximum bandwidth (BW in MHz) of the emission.

Class1: P x BW no greater than 100

Class 2: P x BW no greater than 2,500

Class 3: P x BW has no limit

Type of antenna

e.g. Cassegrain, Gregorian, Offset Front Fed.

Maximum Isotropic Gain

Enter the gain of the antenna in the direction of maximum radiation, expressed in dBi.

Radiation Pattern

If a reference radiation pattern cannot be indicated by one of the symbols below, or the measured radiation diagram of the antenna is unavailable, give the relevant information in an attachment. If an attachment is provided, enter a figure number identifying its presence.

Indicate the reference radiation pattern, preferably by means of the following symbols or similar symbols not exceeding 12 characters.

Symbol	Description of the Radiation Pattern
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REC-465	Current version of ITU-R Recommendation S.465.
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REC-580	Current version of ITU-R Recommendation S.580.
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AP28	Point 4, Annex II of ITU Radio Regulations Appendix 28. Note: This radiation diagram is identical to that in Annex III to Appendix 29.
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29–25LOG(Φ)	Represents a reference radiation pattern similar to that in ITU-R Rec. S.465 with side lobe radiation reduced by 3dB.
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27–25LOG(Φ)	As above with side lobe radiation reduced by 5dB.
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Radiation Hazard

Applicants are advised to obtain information concerning safety precautions relating to intense radio frequency radiation from the local Area Office of HM Factory Inspectorate. The address and telephone number may be found under 'Health and Safety Executive' in the telephone directory.

Once the application form has been processed and a licence issued, TES operators must access the online tool SPECTRAsc and obtain clearance for operation at the intended location prior to any transmission taking place. More information can be found at the Ofcom website.

Enquiries

If you have any questions about completing the application form or require further information please contact:

Ofcom
FAO Spectrum Licensing
PO Box 1285
Warrington
WA1 9GL

Email: spectrum.licensing@ofcom.org.uk
Tel: 020 79891 3131