

# **Satellite (non-geostationary earth station) temporary licence application form**

## **Background**

In this application, Starlink Internet Services Limited, a subsidiary of SpaceX, is requesting a temporary licence for authorisation to access E-band spectrum (in addition to the current Ka band licence) at the existing Wherstead non-geostationary (NGSO) gateway site, which is already licensed (the existing Ka band licence is 1293534).

The E-band frequencies that Starlink is requesting are: 71-76 GHz (space-to-Earth) and 81-86 GHz (Earth-to-space).

Please refer to the supplementary attachments which provide:

- the supporting narrative in response to D1, D2 and D4 of this application form and other questions raised by Ofcom; and
- the technical spreadsheet providing the technical parameters of the central antenna and a supplementary spreadsheet providing the locations of all other antennas (which have the same technical parameters as the central antenna).

## A. Application purpose

### A.1a Tick the purpose of this application

- ☒ New application – temporary E-band authorisation (note: the existing Ka band licence is 1293534).
- ☐ Amendment to an existing licence. Please answer question A1b.
- ☐ Surrender of an existing licence. Please answer question A1b.

### A.1b Provide your existing licence number

N/A

### A.2 If you require a licence for less than 12 months, then indicate both the:

Start date: At Ofcom's decision

End date: At Ofcom's decision

## B. Applicant details

### B.1a Customer Reference Number (for existing licensees only)

Now go to question B4

You can harmonise the renewal date of your licence with the renewal date of an existing licence providing the conditions are met in the guidance.

### B.1b To harmonise a licence please provide:

Existing licence number N/A

Required renewal date (DD/MM/YYYY) N/A

Now go to question B4

### B.2 Who is the licence to be issued to?

A licence can only be issued to a legal entity (with the named person with contact details entered in question B.3).

Ofcom recognises the following types of entities and you should provide your name and answer any other details as appropriate to the legal entity:

**Individual or sole trader** (Please provide full name and go to Question B.3):

N/A

**Business partnership other than a limited company** (Please provide the full name and go to Question B.3):

N/A

**Registered Company (UK or non-UK)** (Please answer all parts and go to Question B.3):

Full name of company

N/A

Company registration number

N/A

*(continued on next page)*

## B.2 (continued)

### Limited Liability Partnership (Please answer all parts, then go to question B.3)

Named partner who should be named on the licence

N/A

Full name of the limited liability partnership

N/A

Company registration number

N/A

### Unincorporated Association (Please answer all parts, then go to question B.3)

Named member who should be responsible for the licence

N/A

Full name of the unincorporated association

N/A

### Please specify other legal entity if not listed above (Please provide details, then go to question B.3)

Named person responsible for the licence

N/A

The full name of the legal entity (if different to above)

N/A

Company registration number (if appropriate)

N/A

## B.3 Licensee contact details

- Companies should use the registered address from [Companies House](#)
- Registered charities should use the address from the [Charity Commission](#)

For all other Licensees, please use your main business address

Name N/A

Trading name N/A

Address N/A

Telephone N/A

Mobile N/A

Postcode N/A

Email N/A

Country N/A

☐

Please tick here only to receive documents by post instead of electronically.

#### B.4 Licence contact details (where different from above)

Licensing documentation and correspondence will be sent to this address.

NB: This is the person who is responsible for the licence and will receive all important documents including:

- Validation notice (licence amendment reminder)
- Notice of Proposed Revocation (where applicable)
- Revocation notice (where applicable)
- Surrender letters

Name	<input type="text"/>		
Address	<input type="text"/> <input type="text"/>	Telephone	<input type="text"/>
		Mobile	<input type="text"/>
Postcode	<input type="text"/>	Email	<input type="text"/> <input type="text"/>
Country	<input type="text"/>		

☐ Please tick here only to receive documents by post instead of electronically.

#### B.5 Contact details for payments, billing or account queries: (where different from above)

NB: This is the person who will receive invoices and reminders when payments are due.

Please do not include payment with this application, as you will be invoiced later.

Name	<input type="text"/>		
Address	<input type="text"/> <input type="text"/>	Telephone	<input type="text"/>
		Mobile	<input type="text"/>
Postcode	<input type="text"/>	Email	<input type="text"/> <input type="text"/>
Country	<input type="text"/>		

☐ Please tick here only to receive documents by post instead of electronically.

#### B.6 If you are applying via a third party (e.g. radio supplier, consultant etc.) please complete the following:

Name	<input type="text"/>		
Address	<input type="text"/>	Telephone	<input type="text"/>
		Mobile	<input type="text"/>
Postcode	<input type="text"/>	Email	<input type="text"/>
Country	<input type="text"/>		

☐ Please tick here only to receive documents by post instead of electronically.

## C. Site details

### C.1 Name of site centre

Wherstead

### C.2 Site address

Address Park Farm Barns  
Vicarage Lane  
Wherstead

Postcode IP9 2AE

Country England

### C.3. Location of site centre

Choose one of the following possibilities to input the data:

**GB National Grid Reference**

(1-metre accuracy, e.g. TQ 32284 80497)

or

**WGS84 Latitude and longitude (decimal)**

Latitude (–90 to +90). Include six decimal places.

+ 52.019159

Longitude (–180 to +180). Include six decimal places.

+ 1.143738

## D. Additional information

### D.1 Coexistence with existing systems

Explain how your non-geostationary earth station(s) (“Gateways”) will be able to coexist with the following:

- Existing non-geostationary satellite systems that are licensed in the UK
- Non-geostationary satellite systems for which an application has been made and which has been published for comment on Ofcom’s website
- Other specific co-frequency earth stations registered with the ITU



Please tick to confirm that this mandatory information has been provided in a separate annex attached to this application

### D.2 Coexistence with future systems

State what flexibility your Gateways have to coexist with future non-geostationary satellite systems. You should include measures you would be able to put in place if another non-geostationary satellite system were to enter the market in the future, and the expected benefits of such measures. Also state what measures future non-geostationary satellite systems could reasonably be expected to put in place to coexist with your Gateways.



Please tick to confirm that this mandatory information has been provided in a separate annex attached to this application

### D.3 Associated network licence

State the licensee and licence number of the associated "Satellite (Earth Station Network)" licence with which your Gateways are intended to operate.

Licensee name

STARLINK INTERNET SERVICES LIMITED

License number

1239247/1

### D.4 Competitive impact (optional)

Explain the impact of issuing you a licence (combined with other non-geostationary satellite system licences held or applied for by you) in terms of:

- Any risks to competition in the UK. This may refer to the ability to coexist with other non-geostationary satellite systems.
- Benefits for UK customers, end consumers and/or citizens.



Please tick to confirm that this mandatory information has been provided in a separate annex attached to this application

## E. Declaration

By signing this form, I confirm that I have read and understood all the notes. Any information provided is correct and complete to the best of my knowledge and I have the authority to make this declaration and sign this application.

I understand and accept that:

- The body (if any) I represent will be responsible for compliance with the licence and has the control and supervision of the station;
- It may be an offence to knowingly make a false statement in support of this application and may lead to the licence being refused or revoked under the Wireless Telegraphy Act;
- Ofcom will not give anyone my information except in accordance with the law;
- Ofcom may transfer my information to other countries in accordance with commitments entered into by Her Majesty's Government;
- Where I have provided an email address, I consent to receiving notifications, documents and correspondence in electronic form to that email address.

Full name

Position in organisation

Signature of applicant

Date of application (DD/MM/YYYY)

For self and partners (tick if applicable)

☐

- Partnerships must be applied for by one partner signing 'for self and partners'. A director or authorised person must sign for public limited companies, limited companies and other legal entities;
- If the number of partners exceeds the space, then for each additional partner please provide the name and signature.

Partner 1 name

N/A

Partner 3 name

N/A

Partner 1 signature

Partner 3 signature

N/A

Partner 2 name

N/A

Partner 4 name

N/A

Partner 2 signature

N/A

Partner 4 signature

N/A

## Where to send this form

**Please do not include payment with this form, as you will be invoiced at a later date.**

If needed a member of the team will contact, you to clarify any requirements of this application.

When you have completed this form, submit the application to [NGSO.licensing@ofcom.org.uk](mailto:NGSO.licensing@ofcom.org.uk).

Space & science team

Ofcom

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