



Office of the Director of  
**Telecommunications  
Regulation**

**Application Form for Point to Point Radio Link Licences  
above 1 GHz**

**Stage 2**

**Document No. ODTR 97/04**

**JULY 1997**

**Office of the Director of Telecommunications Regulation**

Abbey Court,  
Irish Life Centre,  
Lower Abbey Street,  
Dublin 1

## Notes for applicants

1. Please refer to the guidelines (ODTR 97/02) prior to completing this application form.
2. Please submit an application fee of £10 in respect of each proposed point to point radio link with the completed application form. (e.g. if 5 links are being applied for then £50 would be required.) Failure to pay the required amount will result in your application not being processed.
3. As outlined in the guidelines, there are limitations on the number of radio links an applicant will be licensed for in certain bands. If it transpires that multiple applications are being made to overcome this limitation the application will be rejected.
4. Your application will be assessed on your responses in the application form with any supporting information attached.
5. Every effort will be made to clear applications quickly so operations can start at the earliest possible date. To facilitate speed of processing, please ensure that your application is complete and clearly set out (typed). Incomplete applications may be returned requiring resubmission.

## Stage 2 Application Forms for Radio Links

### 1. Information to Facilitate Identity

1.1. Name of Applicant:

Address:

Phone No:

Fax No:

1.2. Companies Office Registration No.  
(To be given in the case of a Company).

1.3. Name of contact person  
(If the contact person is not the same as the person(s) at 1. above, the applicant must nominate a technical contact who will be in a position to act for the applicant and to furnish information about the application if called upon to do so).

Name

Address:

Phone No:

Fax No:

1.4 ODTR's Part 1 Acceptance Reference:

## **2. Information for Assessment**

### **2.1. Attached Spreadsheet**

Please complete the attached spreadsheet in Annex 1. If more than 5 links are being applied for, please submit the information by software on floppy diskette in Microsoft Excel v4 format along with a paper copy.

Please copy and complete the attached spreadsheet as appropriate.

### **2.2. Supporting Information in Respect of Link Planning**

Please attach in respect of each proposed radio link,

- i. Path calculations (link budgets),
- ii. Path profiles for those links proposed in the frequency range 2 -15 GHz in the long haul bands,
- iii. Intersystem interference calculations, if applicable.

## **3. Network Structure**

If a network of radio links is proposed, please outline the extent of the proposed network including its proposed structure. Maps and ancillary information can be provided in support of this.

Please indicate if you have taken other radio users at communal sites into account in making your proposal.

#### **4. Proposals for Radio Equipment, Antennas and Feeders**

##### **4.1 Transmitters & Receivers:**

Please provide details of proposed equipment, including the following:

- i. equipment make, type number, type approval certification and specifications
- ii. details of equipment compliance with electromagnetic compatibility regulations,
- iii. details of the transmitter power range and tuning range of the transmitters.

If no type approval certification is available, then the following is to be provided in respect of each different type of radio equipment:

- i. the frequency band and band plan applicable,
- ii. the channel bandwidth and (if digital) the corresponding capacity obtainable,
- iii. copy of the spectrum mask for both transmitter & receiver,
- iv. spurious emission levels for both transmitter & receiver,
- v. co-channel and adjacent channel carrier to interference ratios for the receiver,
- vi. receiver sensitivity levels for a BER of  $10^{-6}$ .

##### **4.2 Feeder Equipment and Antennas**

If applicable, for cable/waveguide feeder equipment please supply details on the make, type and specifications.

For antennas proposed, please supply details on the make, size, type and Radiation Pattern Envelope (RPE).

## **5. Declaration by the Applicant**

I have read the guidelines for applicants for point to point radio links in spectrum above 1 GHz (ODTR 97/02).

I agree to comply fully with all the terms and conditions of the licence, if granted, in accordance with the Wireless Telegraphy (Radio Link Licence) Regulations, 1992.

The ODTR will endeavour to minimise the potential for interference. I accept that the ODTR will not be liable for any interference received from other licensed users and that I will comply with whatever the ODTR requests in preventing interference being caused by this radio link(s) 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.

Signature of Applicant:

Name in Block Letters:

Date:

If applicant is a company, please state position held:

**Completed Application Forms should be sent to:**

Office of the Director of Telecommunications Regulation,  
Abbey Court,  
Irish Life Centre,  
Lower Abbey Street,  
Dublin 1.

Tel: 01-804 9600

Fax: 01-804 9665

---

**For ODTR Use Only**

**ODTR File Ref.:**

**Date Received**

**Date Acknowledged**

**Date Stage 2 Process Completed**

**Date application advised of  
outcome of Stage 2 assessment**

## **Annex 1**

**Details of each Radio link being applied for.**