

Ofcom application form OfW113

# Scanning Telemetry Link Licence Application Form – December 2008

**Scanning Telemetry:** The term ‘Scanning Telemetry’ can also be referred to as ‘Fixed UHF Network for Data Fixed UHF Network Telemetry, Telecontrol and/or Data Services’.

1. This Scanning Telemetry licence application form can be used for one of the following:
  - Apply for a new licence
  - Cancel an existing licence
  - Amend contact details
  - Apply for a new link or network
  - Technically reconfigure an existing link or network for self-use
  - Technically reconfiguration enquiry
  - Cancel an existing link or network.
2. Please read OFW113GN for additional information. Non-utility customers may contact Atkins Global Limited, during office hours, for assistance if required.
3. An application can be made for a licence for any Scanning Telemetry Link that is to be deployed in any geographical area administered by Ofcom.
4. When making a request for a new application, or a variation to an existing assignment, you are advised not to commit to the purchase of the equipment until we have notified you of your assignment.
5. All non-utility customers wishing to use licensed scanning telemetry, telecontrol or data services should use this form and send it to the Ofcom Licensing Centre. Members of the water, gas and electricity industries have their own direct arrangements with Atkins Global Limited and JRC.

Atkins Global Limited  
200 Broomielaw  
Glasgow  
G1 4RU  
Contact: [info@atkinsglobal.com](mailto:info@atkinsglobal.com)  
Tel: +44 141 220 2000  
Fax: +44 141 220 2001  
Joint Radio Company Ltd  
6th Floor, Dean Bradley House  
52 Horseferry Road  
London SW1P 2AF  
Telephone 020 7706 5199  
Fax 020 7222 4862  
[www.jrc.co.uk](http://www.jrc.co.uk)

6. Please send your completed application form to:  
Ofcom  
FAO Spectrum Licensing  
PO Box 1285  
Warrington  
WA1 9GL  
Email: [spectrum.licensing@ofcom.org.uk](mailto:spectrum.licensing@ofcom.org.uk)  
Tel: 020 79891 3131
7. It is a requirement of the Wireless Telegraphy Act 2006 that no radio equipment shall be installed or used in the UK, except under the authority of a licence granted, unless it is licence exempt. It is a condition of a Scanning Telemetry licence that the performance of the equipment must meet the minimum licensing requirements specified in the Interface Requirement 2037. Applicants are advised to confirm that the requirement is met by the proposed equipment.
8. The Wireless Telegraphy (Licence Charges) Regulations set out the fees for licences to use radio equipment issued under the Wireless Telegraphy Acts.
9. Please print out this form and complete legibly using black ink. Place an X in the appropriate box when questions provide multiple answers.
10. Completed forms should be sent to the Ofcom Licensing Centre at the address given in section 6, above.
11. Incomplete applications will result in delay.

#### 12. 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](http://www.ofcom.org.uk/about-ofcom/foi-dp/general-privacy-statement)**

## A Purpose of application

### A.1 Please put X in the appropriate box

- |  |   |
|--|---|
| <input type="checkbox"/> 1 New licence application               | <input type="checkbox"/> 5 Technically reconfigure an existing link or network for self use |
| <input type="checkbox"/> 2 Existing licence cancellation         | <input type="checkbox"/> 6 Technical reconfiguration enquiry                                |
| <input type="checkbox"/> 3 Amendment of contact details          | <input type="checkbox"/> 7 Existing link or network cancellation                            |
| <input type="checkbox"/> 4 Application for a new link or network |   |

## B Contact details

### B.1 Do you hold a licence for Scanning Telemetry?

Yes  No

#### B.1.1 If yes, please enter either your Ofcom Customer Reference Number, or other identifier (e.g. FSS/123, FWS/123)

### B.2 To whom is the licence to be issued?

- |  |   |
|--|---|
| <input type="checkbox"/> Individual or sole trader | <input type="checkbox"/> Public limited company   |
| <input type="checkbox"/> Partnership               | <input type="checkbox"/> Incorporated association |
| <input type="checkbox"/> Limited company           | <input type="checkbox"/> Registered charity       |

#### Other legal entity:

Title	<input type="text"/>	Address	<input type="text"/>
Surname	<input type="text"/>		<input type="text"/>
Forename	<input type="text"/>	Town	<input type="text"/>
Company name	<input type="text"/>	Postcode	<input type="text"/>
Trading name	<input type="text"/>	Tel	<input type="text"/>
		Ext./DDI	<input type="text"/>
		Fax	<input type="text"/>
		E-mail	<input type="text"/>

#### B.2.1 Company registration number

#### B.2.2 Nature of business

**B.3 Should the licensee, at B.2, also be contacted for account matters?**

Yes  No

**B.3.1 If no, please provide the account contact details**

*Please note that all invoices and payment requests will be sent to the stated account contact address. If the contact should change, you should notify Ofcom immediately in writing.*

Title	<input type="text"/>
Surname	<input type="text"/>
Forename	<input type="text"/>
Address	<input type="text"/> <input type="text"/> <input type="text"/>
Town	<input type="text"/>
Postcode	<input type="text"/>
Tel	<input type="text"/>
Ext./DDI	<input type="text"/>
Fax	<input type="text"/>
E-mail	<input type="text"/>

**B.4 Who should be contacted for technical matters?**

Contact as B2  Contact as B3

**B.4.1 If neither, please provide technical contact details**

Title	<input type="text"/>
Surname	<input type="text"/>
Forename	<input type="text"/>
Address	<input type="text"/> <input type="text"/> <input type="text"/>
Town	<input type="text"/>
Postcode	<input type="text"/>
Tel	<input type="text"/>
Ext./DDI	<input type="text"/>
Fax	<input type="text"/>
E-mail	<input type="text"/>

## C Common technical characteristics

C.1 For a new application, please enter your own unique reference

C.2 If this is an amendment, cancellation or technical reconfiguration please quote the current licence number

C.2.1 Please enter the date from which you require the specified amendment, cancellation or technical reconfiguration to become effect

 /  / 

C.3 Please specify the signalling speed (e.g. baud, bits/s, kbits/s etc)

C.4 Please state your preferred polarisation

Vertical

Horizontal

No preference

## D Scanner details

D.1 Please provide the scanner site location

National Grid reference

two letters

Easting

Northing

Latitude/Longitude

 °N  ° 

E or W  
as appropriate

D.2 Please give the scanner site name and address

For onshore locations, please provide at least the first half of the post code.

Site name

Address

  
  

Town

Postcode

For offshore locations, please provide block sector reference

**D.3 Is this a new scanner mast or structure?**  Yes  No

**D.3.1 If yes, please state its height above ground/ sea level**  metres

**D.3.2 If no, will the overall height of the existing mast or structure be increased?**  Yes  No

**D.3.3 If yes, by how much is the height of the mast increased?**  metres

**D.4 Please confirm the height of the scanner antenna in metres above ground level (or mean sea level if offshore)**  metres

**D.5 Will duplicated receivers be used at the scanner?**  Yes  No

**D.6 Please provide the following scanner equipment details**

Equipment manufacturer:

Equipment model number:

**D.7 Please define the purpose of the scanner**  Vertical  Horizontal  No preference

**D.8 Please provide the following scanner equipment details**

Antenna manufacturer:

Antenna type:

**D.8.1 Please state the antenna elevation and direction(s) of maximum radiation, with polar diagram, if not omni directional**  As hardcopy  Electronic format:

**D.9 Please state the antenna gain**  dBi

**D.10 Please state the main feeder loss**  dB

**D.11 Please state any other losses**  dB

**D.12 Does the scanner system including antenna meet the licensing requirements of UK Interface Requirement 2037 (UK IR 2037)?**  Yes  No

**D.12 Does the outstation system including antenna specified in Section F meet the licensing requirements of UK Interface Requirement 2037 (UK IR 2037)?**  Yes  No

## E Outstation site details

Site no:	E.1 Site name	E.2 Site address		E.3 National grid reference		E.4 Path length To Scanner location	E.5 Ground height measurement above sea level	E.6 Mast base height measurement above ground level	E.7 Mast apex height measurement above ground level
				Two letters	E or W				
1						km	m	m	m
2						km	m	m	m
3						km	m	m	m
4						km	m	m	m
5						km	m	m	m
6						km	m	m	m
7						km	m	m	m
8						km	m	m	m
9						km	m	m	m
10						km	m	m	m
11						km	m	m	m
12						km	m	m	m

Site no:	E.1 Site name	E.2 Site address		E.3 National grid reference		E.4 Path length To Scanner location	E.5 Ground height measurement above sea level	E.6 Mast base height measurement above ground level	E.7 Mast apex height measurement above ground level
				Two letters	E or W				
13						km	m	m	m
14						km	m	m	m
15						km	m	m	m
16						km	m	m	m
17						km	m	m	m
18						km	m	m	m
19						km	m	m	m
20						km	m	m	m
21						km	m	m	m
22						km	m	m	m
23						km	m	m	m
24						km	m	m	m
25						km	m	m	m

## F Outstation transceiver and antenna details

Site no:	Transceiver			Antenna							F.12 Other losses	
	F.1 Manufacturer	F.2 Model number	F.3 R&TTED Notification number	F.4 Manufacturer	F.5 Type	F.6 Model number	F.7 Height <i>measured above ground level</i>	F.8 Azimuth <i>east of grid north</i>	F.9 Elevation	F.10 Gain		F.11 Feeder Loss
1							m	°	°	dB <i>i</i>	dB	dB
2							m	°	°	dB <i>i</i>	dB	dB
3							m	°	°	dB <i>i</i>	dB	dB
4							m	°	°	dB <i>i</i>	dB	dB
5							m	°	°	dB <i>i</i>	dB	dB
6							m	°	°	dB <i>i</i>	dB	dB
7							m	°	°	dB <i>i</i>	dB	dB
8							m	°	°	dB <i>i</i>	dB	dB
9							m	°	°	dB <i>i</i>	dB	dB
10							m	°	°	dB <i>i</i>	dB	dB
11							m	°	°	dB <i>i</i>	dB	dB
12							m	°	°	dB <i>i</i>	dB	dB
13							m	°	°	dB <i>i</i>	dB	dB

Site no:	Transceiver			Antenna							F.12 Other losses	
	F.1 Manufacturer	F.2 Model number	F.3 R&TTED Notification number	F.4 Manufacturer	F.5 Type	F.6 Model number	F.7 Height <i>measured above ground level</i>	F.8 Azimuth <i>east of grid north</i>	F.9 Elevation	F.10 Gain		F.11 Feeder Loss
14							m	°	°	dB <i>i</i>	dB	dB
15							m	°	°	dB <i>i</i>	dB	dB
16							m	°	°	dB <i>i</i>	dB	dB
17							m	°	°	dB <i>i</i>	dB	dB
18							m	°	°	dB <i>i</i>	dB	dB
19							m	°	°	dB <i>i</i>	dB	dB
20							m	°	°	dB <i>i</i>	dB	dB
21							m	°	°	dB <i>i</i>	dB	dB
22							m	°	°	dB <i>i</i>	dB	dB
23							m	°	°	dB <i>i</i>	dB	dB
24							m	°	°	dB <i>i</i>	dB	dB
25							m	°	°	dB <i>i</i>	dB	dB

## G Outstation transceiver and antenna details

Site no:	G.1 Free space path loss	G.2 Terrain obstruction losses	G.3 Clutter losses	G.4 End to End circuit losses
1	dB	dB	dB	dB
2	dB	dB	dB	dB
3	dB	dB	dB	dB
4	dB	dB	dB	dB
5	dB	dB	dB	dB
6	dB	dB	dB	dB
7	dB	dB	dB	dB
8	dB	dB	dB	dB
9	dB	dB	dB	dB
10	dB	dB	dB	dB
11	dB	dB	dB	dB
12	dB	dB	dB	dB
13	dB	dB	dB	dB

Site no:	G.1 Free space path loss	G.2 Terrain obstruction losses	G.3 Clutter losses	G.4 End to End circuit losses
14	dB	dB	dB	dB
15	dB	dB	dB	dB
16	dB	dB	dB	dB
17	dB	dB	dB	dB
18	dB	dB	dB	dB
19	dB	dB	dB	dB
20	dB	dB	dB	dB
21	dB	dB	dB	dB
22	dB	dB	dB	dB
23	dB	dB	dB	dB
24	dB	dB	dB	dB
25	dB	dB	dB	dB

Further advice is given in Ofcom's Technical Frequency Assignment Criteria OFW49

# H Declaration

- 1 The information requested on this form will be processed for the purpose of approving this application and issuing a Scanning Telemetry licence. Any information in the form will be passed to any appointed assignment management organisation dealing with frequency assignments.
- 2 The technical information given in this application meets all the applicable licence conditions stated in the UK Interface Requirements 2037 (UK IR 2037) and the R&TTE Directive.
- 3 You should note that:
  - information provided may be made available to other government departments;
  - information provided in answer to the questions on this application form may be passed to international bodies or other governments in accordance with commitments entered into by Her Majesty's Government; and
  - it is an offence to knowingly make a false statement in support of this application and may lead to the licence being refused or revoked.

**Date of application**

  /   /    

**Full name in CAPITAL LETTERS**

**Signature for and on behalf of the applicant**

**If you have not received an acknowledgement of this application within two working weeks please contact the Ofcom Licensing Centre.**