

FIXED LINK REPORT FOR WINDFARM CO-ORDINATION AREA:

Dear Sir/Madam

In order for us to process your request in an efficient manner, can you please on all future requests provide the information in the following manner:-

- **12 character UK NGR, eg (SP 12345 12345) or**
- **Grid Co-ordinates e.g. (123456 123456)**
- **Site Name/Town**
- **Email address for reply**
- **Search radius (optional)**

Please do not post to Ofcom:

- **planning/scoping requests**
- **large packets/parcels in the post**

If you have multiple turbines on the same site can you please include the grid reference for the site centre and a search radius to include all the turbines on the site.

Please send your information to:-

Spectrum.Licensing@ofcom.org.uk

These details are provided to Ofcom by Fixed Link operators at the time of their licence application and cannot be verified by Ofcom for accuracy or currency and Ofcom makes no guarantees for the currency or accuracy of information or that they are error free. As such, Ofcom cannot accept liability for any inaccuracies or omissions in the data provided, or its currency however so arising. The information is provided without any representation or endorsement made and without warranty of any kind, whether express or implied, including but not limited to the implied warranties of satisfactory quality, fitness for a particular purpose, non-infringement, compatibility, security and accuracy.

Our response to your co-ordination request is only in respect of microwave fixed links managed and assigned by Ofcom within the bands and frequency ranges specified in the table below. The analysis identifies all fixed links with either one link leg in the coordination range or those which intercept with the coordination range. The coordination range is a circle centred on your provided national grid reference. We add an additional 500 metres to the coordination range that you request. Therefore if you have specified 500 metres the coordination range will be 1km.

If you should need further information regarding link deployments and their operation then you will need to contact the fixed link operator(s) identified in the table above directly.

Additional coordination is also necessary with the band managers for the water, electricity and utilities industries which operate in the frequency ranges 457-458 MHz paired with 463-464 MHz band. You should contact both the following:

- Atkins Ltd at windfarms@atkinsglobal.com.
- Joint Radio Company (JRC) at windfarms@jrc.co.uk. Additionally, you can call the JRC Wind Farm Team on 020 7706 5197.

For self-coordinated links operating in the 64-66 GHz, 73.375–775.875 GHz and 83.375–85.875 GHz bands a list of current links can be found at: <http://licensing.ofcom.org.uk/radiocommunication-licences/fixed-terrestrial-links/forms/>

Regarding assessment with respect to TV reception, the BBC has an online tool available on their website: http://www.bbc.co.uk/reception/info/windfarm_tool.html . Ofcom do not forward enquiries to the BBC.

Please note other organisations may require coordination with regard to your request. More information regarding windfarm planning is available on the British Wind Energy Association website <http://www.britishwindenergy.co.uk/>.

Table of assessed fixed links bands and frequency ranges

Band (GHz)	Frequency Range (MHz)
1.4/1.5	1350 -1375 1450 -1452 1492 -1530
1.6	1672 – 1690
1.7	1764 – 1900
2	1900 – 2690
4	3600 – 4200
6	5925 – 7110
7.5	7425 – 7900
11	10700 – 11700
13	12750 – 13250
14	14250 – 14620
15	14650 – 15350
18	17300 – 19700
22	22000 – 23600
25	24500 – 26500
28	27500 – 29500
38	37000 – 39500
50	49200 – 50200
55	55780 – 57000

Regards
Ofcom Licencing