

Wireless Telegraphy Acts 1949 and 1998 Office of Communications (Ofcom)

PUBLIC WIRELESS NETWORK LICENCE

This Licence replaces the Licence issued by Secretary of State on [Insert date] to [Insert Licensee's (previous) name].

Licence no. **[Insert Licence Number]**

Date of issue: **[Insert Date]**

Fee payment date: **[Insert Date]** (annually)

1. Ofcom grants this licence to

[Insert Licensee's Name]

("the Licensee")

[Insert Registered Company Address]

XXXXXXXXXXXX

XXXXXXXXXXXX

XXXXXXXXXXXX

XXXXXXX

to establish, install and use radio transmitting and receiving stations and/or radio apparatus as described in the schedule(s) (herein after together called "the Radio Equipment") subject to the terms, set out below.

Licence Term

2. This Licence shall continue in force until revoked by Ofcom or surrendered by the Licensee.

Licence Variation and Revocation

3. Pursuant to Section 4 of the Wireless Telegraphy Act 1998 ("the 1998 Act"), Ofcom may not revoke or vary this Licence under section 1(4) of the Wireless Telegraphy Act 1949 (the "1949 Act") save at the request or with the consent of the Licensee except:

(a) in accordance with clause 6 of this Licence;

- (b) in accordance with section 4 (5) of the 1998 Act;
- (c) for reasons related to the management of the radio spectrum, provided that in such case the power to revoke may only be exercised after one year's notice is given in writing and after Ofcom has considered any pertinent factors;
- (d) if there has been a breach of any of the terms of this Licence or the schedule(s) hereto.

Changes

- 4. This Licence may not be transferred.
- 5. The Licensee must give prior or immediate notice to Ofcom in writing of any change in the details of the name and/or address recorded in paragraph 1 of this licence.

Fees

- 6. The Licensee shall pay Ofcom the relevant fee as provided in section 1 (2) of the Wireless Telegraphy Act 1998 and the Regulations made thereunder on or before the fee payment date shown above each year, or on or before such dates as shall be notified in writing to the Licensee, failing which Ofcom may revoke this Licence.

Radio Equipment Use

- 7. The Licensee must ensure that the Radio Equipment is constructed and used only in accordance with the provisions specified in Schedule 1 of this Licence. Any proposal to amend any detail specified in Schedule 1 of this Licence must be agreed with Ofcom in advance and implemented only after this Licence has been varied or reissued accordingly.
- 8. The Licensee must ensure that the Radio Equipment is operated in compliance with the terms of this Licence and is used only by persons who have been authorised in writing by the Licensee to do so and that such persons are made aware of, and of the requirement to comply with, the terms of this Licence.

Access and Inspection

- 9. The Licensee shall permit a person authorised by Ofcom:
 - (a) to have access to the Radio Equipment; and

- (b) to inspect this Licence and the Radio Equipment,

at any and all reasonable times or, when in the opinion of that person an urgent situation exists, at any time to ensure the Radio Equipment is being used in accordance with the terms of this Licence.

Modification, Restriction and Closedown

10. A person authorised by Ofcom may require the Radio Equipment, or any part thereof, to be modified or restricted in use, or temporarily or permanently closed down immediately if in the opinion of the person authorised by Ofcom:
- (a) a breach of this Licence has occurred; and/or
 - (b) the use of the Radio Equipment is causing or contributing to undue interference to the use of other authorised radio equipment.
11. Ofcom may in the event of a national or local state of emergency being declared require the Radio Equipment to be modified or restricted in use, or temporarily or permanently closed down either immediately or on the expiry of such period as Ofcom may specify. Ofcom shall exercise this power by a written notice served on the Licensee or by a general notice applicable to holders of this class of Licence.

Geographical Boundaries

12. This Licence does not authorise the establishment and use of the Radio Equipment on the Isle of Man or any of the Channel Islands.

Interpretation

13. In this Licence:
- (a) the establishment, installation and use of the Radio Equipment shall be interpreted as establishment and use of stations and installation and use of apparatus for wireless telegraphy as specified in section 1 of the 1949 Act;
 - (b) the expression "undue interference" shall have the same meaning that it has under the 1949 Act as modified by the Communications Act 2003;
 - (c) the expression "inspect" includes examine and test;
 - (d) the schedule forms part of this Licence together with any subsequent schedule(s) which Ofcom may issue as a variation to this Licence at a later date; and

[Insert Company Name] - 2G Licence
Company Registration no.

First Issued: [Insert Issue Date] - Licence Number: [Insert Licence Number] - Rev: X - xx/xx/xx

- (e) the Interpretation Act 1978 shall apply to the Licence as it applies to an Act of Parliament.

Issued by Ofcom

**Mobile and Broadband Team
Office of Communications**

TEMPLATE

SCHEDULE 1 TO LICENCE NUMBER: **[Insert Licence Number]**

Licence Category: **Public Wireless Network (2G Cellular Operator)**

This schedule forms part of licence no **[Insert Licence Number]**, issued to **[Insert Licensee's name]**, the Licensee on **[Insert Date]**, and describes the Radio Equipment covered by the Licence and the purpose for which the Radio Equipment may be used.

Description of Radio Equipment Licensed

1. In this Licence, the Radio Equipment means the base transceiver stations or repeater stations forming part of the Network (as defined in paragraph 2 below).

Purpose of the Radio Equipment

2. The Radio Equipment shall form part of a radio telecommunications network ("the Network"), in which User Stations which meet the appropriate technical performance requirements as set out in the relevant Wireless Telegraphy (Exemption) Regulations made by Ofcom communicate by radio with the Radio Equipment to provide a telecommunications service.

Approved Standards for the Radio Equipment

3. The Radio Equipment covered by this Licence shall comply with the appropriate Interface Requirement (IR 2014 – Public Wireless Networks) or for equipment placed on the market before 8 April 2000, is required to be type approved in accordance with a recognised technical performance standard relating to the service licensed.

Special Conditions relating to the Operation of the Radio Equipment

4.
 - (a) During the period that this Licence remains in force and for 6 months thereafter, the Licensee shall compile and maintain accurate written records of:
 - (i) The following details relating to the Radio Equipment:
 - a) postal address;
 - b) National Grid Reference, (to 100 Metres resolution);
 - c) antenna height (AGL) and type;

- d) radio frequencies in operation;
- (ii) a statement of the number of subscribing customers using the Network;

and the Licensee must produce the above records when a person authorised by Ofcom requires him to do so.

- (b) The Licensee shall inform Ofcom of the address of the premises at which this Licence and the information detailed at sub-paragraph (a) above shall be kept.
- (c) The Licensee must submit to Ofcom copies of the records detailed in sub-paragraph (a) above at such intervals as Ofcom shall notify to the Licensee.
- (d) The Licensee shall, upon request, supply Ofcom or any person authorised on their behalf with the name and address of any subscribing customers to the Network, or require its agents to provide such information on its behalf.

Site Clearance Requirements

- 5. A valid site clearance certificate, issued by Ofcom (formerly the Radiocommunications Agency) is required for all the Radio Equipment except base transceiver stations incorporating transmitters radiating not more than 17dBW ERP and/or aerial systems, the highest point of which is less than 30 metres above ground level and which does not increase the height of an existing (site cleared) structure by more than 5 metres.

TECHNICAL PERFORMANCE REQUIREMENTS

- 6. The Radio Equipment shall be operated in compliance with such co-ordination and sharing procedures as may be considered necessary and notified to the Licensee by Ofcom (formerly the Radiocommunications Agency).

The Licensee must ensure that the Radio Equipment performs in accordance with the following technical performance requirements.

Frequencies of Operation

- 7. The Radio Equipment may operate on any of the following frequency bands:

Base Transmit /
Mobile Receive

Base Receive /
Mobile Transmit

[Insert frequency bands] MHz –

[Insert frequency bands] MHz

[Insert frequency bands] MHz –

[Insert frequency bands] MHz

RF Carrier Spacing

8. The RF carrier spacing in the frequency band of operation is **200** kHz.

ITU Class of Emission

9. **271KG7W**

Maximum Permissible EIRP

10. The maximum EIRP per channel is **32** dBW.

Interpretation

11. In this Schedule:

- (a) "EIRP" means the effective isotropically radiated power. This is the product of the power supplied to the antenna and the antenna gain in a given direction relative to an isotropic antenna (absolute or isotropic gain);
- (b) "ERP" means the effective radiated power. This is the power fed to the antenna multiplied by the maximum gain of the antenna with respect to a half-wave dipole.
- (c) "IR" means a United Kingdom Radio Interface Requirement published by Ofcom in accordance with Article 4.1 of Directive 1995/5/EC of the European Parliament and of the Council on radio equipment and telecommunications terminal equipment (RTTE) and the mutual recognition of their conformity.
- (d) "ITU" means the International Telecommunications Union, and "Class of Emission" shall have the meaning as defined in the ITU Radio Regulations Appendix 1.
- (e) "RF" means Radio Frequency;
- (f) "User Station" means any vehicle mounted or hands portable mobile station designed for mobile use and/ or any static fixed station designed or adapted to be established and used from static locations which meet the appropriate technical performance requirements as set out in the Wireless Telegraphy (Exemption) Regulations and either complies with the appropriate Interface Regulation listed in paragraph 3, or for equipment placed on the market before 8 April 2000, is type approved in accordance with a recognised technical standard relating to the service licensed.