

Wireless Telegraphy Act 2006

GNSS Repeater

Sector/class/product	<Product>
Licence number	<Lic_No>
Licensee	<Lic_Name>
Licensee address	<Address>
Licence first issue date	<Issue_Date>
Licence version date	<Date>

1. This Licence is issued by the Office of Communications ("Ofcom") on **<Date>** and replaces any previous authority granted in respect of the equipment subject to this Licence by Ofcom or by the Secretary of State.
2. This Licence authorises **<Lic_Name>** (the "Licensee") to establish and use stations for wireless telegraphy and install and use wireless telegraphy apparatus subject to the terms, provisions, limitations and conditions of this Licence

ISSUED BY OFCOM

GNSS Repeater

SCHEDULE 1 TO LICENCE NUMBER <Lic_No>

TERMS, PROVISIONS AND LIMITATIONS COVERED BY THIS LICENCE

This schedule forms part of Licence <Lic_No>, issued to <Lic_Name>, the Licensee on <Issue_Date>, and describes the terms and equipment specifications covered by this licence.

1. Description of the Radio Equipment Licensed

- 1.1 In this Licence, the Radio Equipment means a receiving and sending Earth Station ("the Station") for the purpose of providing Wireless Telegraphy links between the Station and Global Navigation Satellite System receivers "GNSS Receivers".

2. Purpose of the Radio Equipment

- 2.1 Subject to the administrative and technical requirements set out in subsequent schedule(s) to this Licence, the Licensee and any person authorised to act on their behalf is hereby authorised to:
- (a) Receive and send signals of Global Navigation Satellite systems between the GNSS repeater and a GNSS receiver.

3. Interface Requirements for the Equipment Use

- 3.1 Use of the radio equipment shall be in accordance with the following Interface Requirement:
- (a) UK Interface Requirement (IR) 2089 for Global Navigation Satellite Systems Repeaters.

4. Special Conditions Relating to the Activities of the Licensee

- 4.1 The Licensee shall ensure that:
- (a) the station will provide a 24-hour contact telephone number, as listed in Schedule 2;
- (b) the Radio Equipment comprised in the Station(s) is so designed, constructed, maintained and operated, that its use does not cause any undue interference to other users of the spectrum;
- (c) the Radio Equipment shall be established or installed so that transmissions from the Radio Equipment may only be made when the licensee enables operation; and

- (d) shall have the facility to disable individual GNSS repeater transmissions.

5. Technical Conditions

5.1 The Licensee shall ensure that:

- (a) transmit within frequency ranges, as listed in Schedule 2; and
- (b) only transmit Indoors and towards GNSS receivers located inside the same building.

6. Interpretation

6.1 In this and subsequent schedule(s):

- (a) "Station" means a radio transmitter located on the surface of the earth intended for communication with one or more GNSS receivers;
- (b) "Global Navigation Satellite System" GNSS includes satellites operating in non-geostationary or geostationary orbits and providing Radionavigation Satellite Service signals;
- (c) "Radionavigation Satellite Service" is as defined by the International Telecommunication Union (ITU).
- (d) "IR" means the United Kingdom Radio Interface Requirement published by Ofcom in accordance with Article 8 of Radio Equipment Directive (Directive 2014/53/EU of the European Parliament and of the Council on the harmonisation of the laws of the Member States relating to the making available on the market of radio equipment (known as the Radio Equipment Directive): and
- (e) "Indoors" means inside a building or a place in which the shielding will typically provide the necessary attenuation to protect wireless telegraphy against harmful interference.

Notes

1. This Licence does not affect the requirement, when necessary, to obtain licences or authorisations under other Acts, such as the Broadcasting Act.
2. The licensee must apply for a variation of the licence from Ofcom before making any changes, which may contravene the conditions of the licence.
3. Technical terms used in Clause 2 shall have the meanings assigned to them in the Radio Regulations.

GNSS REPEATER LICENCE

SCHEDULE 2

Licence No	<Lic No>	Licence version date	<Date>
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GNSS repeater Transmit Antenna Location (NGR) (10 metre accuracy)	<Transmit_NGR>
Site address	<Site_Address>

GNSS Repeater Contact Telephone Number (24 Hours)	Frequency bands of operation		
<Contact_telephone>	<1164 MHz - 1215 MHz>	<1215 MHz - 1300 MHz>	<1559 MHz - 1610 MHz>

Additional Information	
GNSS Repeater Receive Antenna location (WGS 84 GPS Co-ordinates - Latitude)	<Receive_NGR>

Operations are subject to the provision of Article 4.4 of the Radio Regulations (non-interference basis to users of this spectrum).