

Wireless Telegraphy Act 2006

Satellite (Transportable Earth Station) Category <X>

Sector/class/product	Satellite Services / Light / <Product>
Licence number	<Lic_No>
Licensee	<Lic_Name>
Licensee address	<Address>
Licence first issue date	<Date>
Licence version date	<LV_Date>
Payment interval	<P_Intv>

1. This Licence is issued by the Office of Communications ("Ofcom") on **<Date>** and replaces any previous authority granted in respect of the service subject to this Licence by Ofcom or by the Secretary of State.
2. This Licence authorises **<Lic_Name>** ("the Licensee") to establish, install and/or use radio transmitting and/or receiving stations and/or radio apparatus as described in the schedule(s) (hereinafter together called "the Radio Equipment") subject to the terms set out below and subject to the terms of the General Licence Conditions booklet (Version OfW597).

ISSUED BY OFCOM

SATELLITE (TRANSPORTABLE EARTH STATION)
SCHEDULE 1 TO LICENCE NUMBER <Lic_No>
DESCRIPTION OF RADIO EQUIPMENT COVERED BY THIS LICENCE

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

1. The Licensee may establish and use:

1.1. Transportable sending and receiving Earth Station(s) ("the Station(s)") for the purpose of providing Wireless Telegraphy links between the Station(s) and Geostationary Satellite(s).

2. Limitations on use.

2.1. The Stations(s) shall:

- a) use only the antenna type(s) specified in the Antenna Type column of the schedule; and
- b) operate only in accordance with the conditions specified in any variation to licence schedule authorised by Ofcom's online clearance and authorisation tool SPECTRAsc.

3. Apparatus

3.1. The Licensee shall ensure that:

- a) the apparatus comprised in the Station(s) (" the Apparatus ") is so designed, constructed, maintained and operated, that its use does not cause any undue interference to other users of the spectrum;
- b) the Apparatus complies with (and is maintained in accordance with) the relevant performance specification(s) published by the operator(s) of the Geostationary Satellite(s);
- c) the earth station antennae shall not be employed for transmission at elevation angles of less than 3 degrees measured from the horizontal plane to the direction of maximum radiation as outlined in ITU Radio Regulation – RR ART. 21.14;
- d) the component of effective isotropic radiated power directed towards the horizon and the minimum elevation angle above the horizontal must comply with ITU Radio Regulations and not exceed those limits specified by Radio Regulations RR ART. 21.8 – RR ART.21.15;

- e) the apparatus used for transmission complies with the Radio Equipment Directive (Directive 2014/53/EU) and all appropriate National Interface Requirements for Satellite Earth Stations in force within the UK; and
- f) the Antenna Radiation Pattern Envelope meets the minimum performance specified by ITU Recommendation ITU-R S465, or ITU-R S580 for antennas installed after 1995.

4. National and international obligations

- a) the earth station operator must obtain national clearance and coordination at each location prior to commencing operation in the UK;
- b) the relevant satellite data shall have been submitted to ITU in accordance with established ITU procedures;
- c) all transmissions in the Fixed Satellite Service must be terminated prior to any change of location; unless operating under a specific exemption authorised by Ofcom;
- d) the licensee shall comply with any notice given by Ofcom under section 9A of the Wireless Telegraphy Act 2006 requiring the licensee to cease or suspend the uplinking by means of the licensed apparatus of any service specified in such notice by such date as may be specified; and
- e) the licensee shall provide such information as Ofcom may request by notice in writing for the purpose of determining whether section 9A of the Wireless Telegraphy Act 2006 applies in relation to a service for which the licensee provides uplink facilities using the licensed apparatus or for any purpose connected with the giving of a notice by Ofcom under section 9A of the Act.

5. Interpretation

5.1. In this and subsequent schedules:

- a) “Earth Station” means a radio transmitter located on the surface of the earth and intended for communication with one or more satellites.
- b) “Geostationary Satellite” means a satellite in geostationary orbit which remains approximately in a fixed position relative to a position on the surface of the earth.
- c) “Uplink” and any cognate expression refers to a transmission in the Earth-to-space direction.

Notes

- 1. This Licence does not affect the requirement, when necessary, to obtain licences or authorisations under other Acts. Some installations may also require Local Authority Planning Approval.

2. The Licensee must apply for a variation of the Licence from Ofcom before making any changes which may contravene the Licence.
3. Technical terms used in this licence shall have the meanings assigned to them in the Radio Regulations.

SATELLITE (TRANSPORTABLE EARTH STATION) CATEGORY <X> LICENCE

SCHEDULE 2

Licence No	<Lic_No>	Licence version date	<LV_Date>	Payment interval	<P_Intv>
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Antenna Type	Make/Model	Serial No.	Frequency band*	Tx Gain	Dish Size
<antenna_type>	<model>	<Serial_No>	<band>	<Tx_gain>	<dish_size>

* The associated frequency ranges for each band are as follows:

C band 5.925 - 7.075 GHz

Ku band 13.78 - 14.5 GHz

Ka band 27.5 - 27.8185 GHz, 28.4545 - 28.8265 GHz, 29.4625 - 30 GHz