

Spectrum Update – February 2019

Developments in Spectrum Availability for Programme Making and Special Events (PMSE)

This update provides important information for PMSE stakeholders on developments in spectrum availability for PMSE in the following areas.

700 MHz clearance and the PMSE funding scheme

Following consultation, in October 2016 we published a spectrum management decision regarding the timing of clearance of the 700 MHz band (694 to 790 MHz). The decision (available [here](#)) also gave formal notice to PMSE users that access to the 700 MHz will cease to be available for use by PMSE from 1 May 2020 and we will not authorise use beyond this date.

In a subsequent decision, we revised our decision to clear PMSE from the whole of the 700 MHz band and stated that PMSE users would be able to access the band 694 to 703 MHz after May 2020 for use by wireless microphones and in ear monitors. Access would be available under a coordinated licence available from PMSE Licensing (including via the online licensing portal). Therefore, PMSE users will continue to have access to spectrum in the band 470 to 703 MHz after May 2020.

As part of its funding for the 700 MHz clearance programme, Government agreed to fund a grant scheme to support PMSE equipment owners who will have to vacate the 700 MHz band earlier than expected. Ofcom agreed to design and run the grant scheme to disburse funds and has contracted Equiniti Limited to manage the administration of funding on its behalf. The eligibility criteria for participation in the funding scheme are:

- Equipment owners must either have held a licence in the 700 MHz band between 17 October 2014 and 23 August 2018 or must be able to produce verifiable evidence that their business is based on hiring out PMSE equipment rather than using it and therefore does not require a licence.
- Claimants can only claim for equipment that belongs to them.
- Equipment being claimed for must be in working order.
- Equipment being claimed for must have been purchased before 23 August 2018.
- Equipment being claimed for must have at least some of its tuning range in the 700 MHz band.
- Ancillary equipment that cannot be used because its related eligible equipment is made unusable by the clearance of the 700 MHz band will be eligible for funding. Ancillary equipment will have to satisfy the eligibility criteria, except for the tuning range requirement in the event that the equipment has no tuning function.

Registration for the scheme opened on 4 February 2019 and will close on 26 April 2019. Potential claimants are advised to check their eligibility for funding before registering a claim via the online portal, available at: <https://www.pmsefunding.co.uk/Landing.ofm/>

960 to 1164 MHz

Our Statement, [New Spectrum for Audio PMSE](#), published on 10 March 2016, announced our decision to allow access to sub-bands within the 960 to 1164 MHz band for the use of audio PMSE audio devices (wireless microphones and in ear monitors) operating with a radiated power of less than 17 dBm (50 mW).

In order to protect aeronautical systems that operate in the band, PMSE access is restricted to the following spectrum:

- 961 to 1015 MHz;
- 1045 to 1075 MHz; and
- 1105 to 1154 MHz.

Spectrum availability and licensing will soon be available in the online licensing portal. Until then, users that wish to access channels in these bands can contact the PMSE Licensing team directly. Contact details are available on our webpage:

<https://www.ofcom.org.uk/manage-your-licence/radiocommunication-licences/pmse/contact-pmse>

Licence fees for wireless mics and IEMs in the 960 MHz band are the same as those in the 470 to 790 MHz band.



Wireless Telegraphy Act 2006

**PROGRAMME MAKING AND SPECIAL EVENTS
STANDARD LICENCE**

Licence number	7/0128153
Licensee	Parochial Church Council of Holy Trinity Church
Licensee Address	Holy Trinity Church Shepherd's Hill Coleman's Hatch HARTFIELD East Sussex TN7 4HN
Date of issue	10 Jan 2024
Licence Start Date	23 Jan 2024*
Licence End Date	22 Jan 2025* *For actual assignment dates refer to schedule, column 11
Call Sign	' PAR '

1. This Licence is issued by the Office of Communications (“Ofcom”) on **10 Jan 2024** 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 **Parochial Church Council of Holy Trinity Church** (“the Licensee”) to establish, install and use radio transmitting and 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 Ofcom General Licence Conditions booklet (PMSE version 8 February 2007) available from Ofcom.
3. This Licence shall continue in force until **22 Jan 2025**, unless earlier revoked by Ofcom or surrendered by the Licensee, but the Radio Equipment may only be used during the period of use specified in Schedule 2.¹

Issued by Ofcom

¹ This licence may be varied from time to time to cover new periods of use or additional frequencies.

**PROGRAMME MAKING AND SPECIAL EVENTS
STANDARD LICENCE**

SCHEDULE 1 TO LICENCE NUMBER 7/0128153

DESCRIPTION OF RADIO EQUIPMENT COVERED BY THIS LICENCE

This schedule forms part of Licence **7/0128153**, issued to **Parochial Church Council of Holy Trinity Church**, the Licensee, on **10 Jan 2024** and describes the Radio Equipment covered by the Licence and the purpose for which the Radio Equipment may be used.

1. (a) The Radio Equipment may only be used:

- (1) on such frequencies ("the Licensed Frequency"), shown in column 2 of Schedule 2 to the Licence in relation to the particular Radio Equipment listed in Column 1 of Schedule 2;
- (2) at a bandwidth not exceeding that specified in column 3 of Schedule 2 in relation to the Licensed Frequency;
- (3) at a power not exceeding that specified in column 4 of Schedule 2 in relation to the Licensed Frequency;
- (4) with the emission characteristics described in column 5 of Schedule 2 in relation to the Licensed Frequency;
- (5) in accordance with the restrictions contained in column 6 of Schedule 2 in relation to the Licensed Frequency and, where airborne operation is permitted, at a height above ground level not greater than specified in that column;
- (6) with the signalling (if any) described in column 7 of Schedule 2 in relation to the Licensed Frequency;
- (7) with the polarisation described where appropriate in column 8 of Schedule 2 in relation to the Licensed Frequency;
- (8) in conjunction with the duplex frequency (if any) shown in column 9 of Schedule 2 in relation to the Licensed Frequency;
- (9) at the location(s) or within the area(s) shown and in accordance with the restrictions contained in column 10 of Schedule 2 in relation to the Licensed Frequency;
- (10) during the period of use shown in column 11 of Schedule 2.

(b) The Radio Equipment may not be used to transmit from any aircraft (for the avoidance of doubt, this includes any helicopter, model aircraft or helicopter, or any other airborne object, whether powered or not and whether captive or not), except where specified in column 6 of Schedule 2 in relation to the Licensed Frequency, and such power, subject to such restrictions noted.

2. Technical Performance Requirements

The Radio Equipment shall at all times be installed, maintained and used in such a way that its use does not cause any undue interference with any authorised wireless telegraphy.

3. Purpose of Use

The Licensee shall use the Radio Equipment only:

- (a) for Programme Making; or
- (b) to enable those directly engaged in Programme Making to communicate with each other; or
- (c) to transmit the material produced in Programme Making to a receiving station of the Licensee; or to any receiving station owned and operated by a public telecommunications operator; or to a holder of a Programme Making and Special Events Licence issued under section 8 of the Wireless Telegraphy Act 2006; or to any other person approved by Ofcom; or
- (d) to send or receive verbal or non-verbal test messages in connection with sub-clauses (a), (b) or (c) above.

4. Call Sign

Use of the Radio Equipment must whenever practicable be preceded and terminated by the following call sign: ' PAR '

5. Facilities

The use of the following methods of voice privacy are permitted without specific authorisation, provided that no undue interference is caused to other authorised radio users:

- (i) frequency inversion;
- (ii) band inversion;
- (iii) band scrambling; and
- (iv) rolling code inversion.

6. Conformity Assessment Requirements

The Radio Equipment covered by this licence shall be subject to and comply with the appropriate Interface Requirement IR2038 ("IR") or, for equipment placed on the market before 8 April 2000, is required to be type approved in accordance with the appropriate published technical performance standards authorised at the date of installation of the Radio Equipment, subject to any modifications authorised by Ofcom.

7. Interpretation

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 8 of the Wireless Telegraphy Act 2006;
- (b) the expression "Programme Making" includes the making of a programme for broadcast, the making of a film, presentation, advertisement or audio or video tape, and the staging or performance of an entertainment, sporting or other public event;
- (c) "IR" means the United Kingdom Radio Interface Requirement published by Ofcom in accordance with Article 4.1 of directive 1999/5/EC of the European Parliament and of the Council on the radio equipment and telecommunications terminal equipment (RTTE) and mutual recognition of their conformity. The Directive (O.J.No.L91) was implemented in the UK by the Radio Equipment and Telecommunications Terminal Equipment Regulations (S.I. 2000/730).

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WIRELESS TELEGRAPHY ACT 2006
PROGRAMME MAKING AND SPECIAL EVENTS LICENCE
SCHEDULE 2 TO THE LICENCE

Licensee:
Parochial Church Council of Holy Trinity Church
Holy Trinity Church
Shepherd's Hill
Coleman's Hatch
HARTFIELD
East Sussex TN7 4HN

Licence No: 7/0128153 Licence Start Date: 23 Jan 2024 Licence End Date: 22 Jan 2025 Total assignments: 3 Total fees: £84.00
Date of issue: 10 Jan 2024

Licensee's ref.: Standard Annual Licence Renewal - No Changes ; PMSE ref.: J744894

Column: 1	2	3	4	5	6	7	8	9	10	11	
Radio Equipment & Specification	Licensed Frequency	Band width	Max Power	Class of Emission	Internal External Airborne @ ft.agl	Signal ling	Pol-ari-sation	Duplex Frequency Channel	NGR Transmit Site Licensed Area and other Restrictions NGR Receive Site	Period of Use Time, Date Start Finish	Fee Category Fee £
Wireless Microphone	615.60000 MHz	200k0	10 mW	F3E	Internal 0	-	-		TQ 449 340 HARTFIELD TN7 4HN : Shepherds Hill, Colemans Hatch, Hartfield, East Sussex - Maximum power may be increased to 50mW for body-worn equipment only.	00:00, 23 Jan 2024 to 23:59, 22 Jan 2025	20F1*0 /12MTH/ (Normal) £28.00
Wireless Microphone	617.10000 MHz	200k0	10 mW	F3E	Internal 0	-	-		TQ 449 340 HARTFIELD TN7 4HN : Shepherds Hill, Colemans Hatch, Hartfield, East Sussex - Maximum power may be increased to 50mW for body-worn equipment only.	00:00, 23 Jan 2024 to 23:59, 22 Jan 2025	20F1*0 /12MTH/ (Normal) £28.00
Wireless Microphone	619.30000 MHz	200k0	10 mW	F3E	Internal 0	-	-		TQ 449 340 HARTFIELD TN7 4HN : Shepherds Hill, Colemans Hatch, Hartfield, East Sussex - Maximum power may be increased to 50mW for body-worn equipment only.	00:00, 23 Jan 2024 to 23:59, 22 Jan 2025	20F1*0 /12MTH/ (Normal) £28.00

** END

Please also see the [General Licence Conditions Booklet](#)