



The Scout Association - Business Radio Sub-Licence

Licensee: Newmarket District Comms Team Licence Number: 334

**Valid until:** 31 January 2019

This sub licence allows:

- The use of the following frequencies:

<u>VHF Low Band</u>	<u>VHF Mid Band</u>	<u>VHF High Band</u>	<u>UHF1 Band</u>
77.6875Mhz	164.0500Mhz	169.0875Mhz	449.3125Mhz
86.3375Mhz	164.0625Mhz	169.3125Mhz	449.4000Mhz
86.3500Mhz		173.0500Mhz	449.4750Mhz
86.3625.Mhz		173.0625Mhz	
86.3750Mhz		173.0875Mhz	

- Use of CTCSS tones and DCS codes
- A maximum permitted ERP for mobile stations of 5 watts

This sub licence does **not** allow:

- The use of base stations or masts
- The use of repeater stations

Full details of exactly what the licence covers can be found in the attached schedules.

## Schedule 1 to Sub-Licence

This schedule forms part of the Sub-Licence, issued to the Licensee and describes the Radio Equipment covered by the Licence and the purpose for which the Radio Equipment may be used.

### 1. Description of the Radio Equipment licensed

In this Licence, the Radio Equipment means sending and receiving station(s) for wireless telegraphy as defined in paragraph 2 below.

### 2. Purpose of the Radio Equipment

Subject to the administrative and technical requirements set out in this and the subsequent schedule(s) to this Licence, the Licensee and any person authorised to act on the Licensee's behalf is hereby authorised to send and receive messages concerning the Scouting activities of the Licensee between stations.

### 3. Interface Requirements for the Radio Equipment use

Use of the radio equipment shall be in accordance with the following Interface Requirement:

- IR 2044, or
- for equipment first 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.

The Licensee shall provide acceptable documentary evidence of conformity on request within 28 days, for all or any part of the systems, to an Ofcom representative.

### 4. Special conditions relating to the activities of the Licensee

The Licensee shall ensure that the Radio Equipment is:

- not used to transmit music, broadcast programmes or obscene or offensive language;
- not used as a public address system; and
- not used to send misleading messages.

Upon receipt of messages not connected with the business of the Licensee, the Licensee or any person using the Radio Equipment shall not:

- make known the contents of any such message, its origin or destination, its existence or the fact of its receipt to any person, except to a duly authorised officer of Her Majesty's Government, a person authorised by Ofcom or in the course of legal proceedings or for the purpose of any report thereof; and
- retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied or made use of.

### Technical conditions

The maximum permitted ERP for stations is 5 Watts;

The frequencies listed in this schedule shall be used in single frequency mode only.

The use of base stations is not permitted.

### Interpretation

In this and the subsequent schedule(s):

'ERP' means effective radiated power, which is the power radiated from the antenna in the direction of maximum radiation and is relative to a half wave dipole; and

'IR' means the United Kingdom Radio Interference Requirement published by Ofcom in accordance with Article 4.1 of Directive 1999/5/EC of the European parliament and the Council on radio equipment and telecommunications terminal equipment (RTTE) and mutual recognition of their conformity. The Directive was implemented in the UK by the Radio Equipment and Telecommunications Terminal Equipment regulations (S.I.2000/730).

## Schedule 2 to Sub-Licence

### Frequencies (all 12.5 kHz Bandwidth)

VHF Low Band	VHF Mid Band	VHF High Band	UHF1 Band
77.6875Mhz	164.0500Mhz	169.0875Mhz	449.3125Mhz
86.3375Mhz	164.0625Mhz	169.3125Mhz	449.4000Mhz
86.3500Mhz		173.0500Mhz	449.4750Mhz
86.3625.Mhz		173.0625Mhz	
86.3750Mhz		173.0875Mhz	

### CTCSS/DCS

For a list of CTCSS tones and/or DCS codes that can be used for this type of Licence please refer to the Ofcom Business Radio Technical Frequency Criteria (TFAC) located on the Ofcom website.

It is strongly recommended that you make use of CTCSS or DCS tones to avoid disruption to your communications by other users of the frequencies.

Any CTCSS or DCS tones may be used although you may want to be able to talk to other Scout sub-licensees, in which case it is recommended that you use The Scout Association's common CTCSS tone of 167.9 Hz.

### Special Requirements of this Sub-Licence

Unless specifically authorised the authority is to use radio equipment for the purpose of passing messages on behalf of The Scout Association at Scouting events.

This sub-licence is not transferable.

The licensee must ensure that all persons operating the equipment observe the conditions of the sub-licence.

While there is no requirement to use callsigns, good practice and as a way of avoiding confusion suggests that they should be used. Individual callsigns should consist of an agreed callsign starting with 'Scout' appended with a number, phonetic letter or an individual's name. Eg "Scout Windsor 1, Scout Windsor 2" "Scout Windsor Alpha, Scout Windsor Bravo" or "Scout Windsor John or Scout Windsor Security" etc.

All stations shall close down at any time on demand by a person acting under the Secretary of State or Headquarters of the Scout Association.

All correspondence with regard to the sub-licence authority should be addressed to The Scout Association and not to Ofcom.

There are many users of these frequencies both within Scouting and by the wider business community. Every licensed user has equal rights to channel occupancy.