

Wireless Telegraphy Act 2006

## Business Radio (Suppliers Light)

Sector/class/product	Business Radio / Light / 403030
Licence number	0000000/1
Licensee	Test Customer Limited
Licensee address	Riverside House London SE1 9HA
Licence first issue date	31/01/2999
Licence version date	31/07/2999
Payment interval	5 years

This Licence is issued by the Office of Communications ("Ofcom") on **31 July 2999** and replaces any previous authority granted in respect of the service subject to this Licence by Ofcom or by the Secretary of State.

This Licence authorises **Test Customer Limited** ("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 OF195.1).

**ISSUED BY OFCOM**

## **BUSINESS RADIO (SUPPLIERS LIGHT) LICENCE**

### **SCHEDULE 1 TO LICENCE 0000000/1**

This schedule forms part of Licence **0000000/1**, issued to **Test Customer Limited**, the Licensee on **31 July 2000**, and describes the Radio Equipment covered by the Licence and the purpose for which the Radio Equipment may be used.

#### **Description of the Radio Equipment licensed**

In this Licence the Radio Equipment means any radio transmitting and receiving stations and/or any radio apparatus used for wireless telegraphy as defined in paragraph 2 below.

#### **Purpose of the Radio Equipment**

Subject to the technical and administrative requirements set out in this and any subsequent schedule(s) to this Licence, the Licensee and any person authorised to act on their behalf is hereby authorised to:

install and make test transmissions during the service and repair of Business Radio ("BR") and marine equipment ("service and repair");

hire to a person ("the customer") for use in connection with the business of the customer ("hiring");

BR equipment for a period not exceeding one year;

allocate to a customer for use in connection with the business of the customer, pending an application by that customer for an operational licence granted under the Wireless Telegraphy Act 2006 ("parking");

BR equipment for a period not exceeding 3 months;

demonstrate to a customer for use in connection with the business of the customer ("demonstration");

BR equipment for a period not exceeding 28 days.

#### **Interface Requirements for the Radio Equipment use**

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

IR 2044 for "Business Radio Land Mobile Services, covering Area Defined, Technically Assigned and Light Licence Authorisations";

or the Merchant Shipping (Marine Equipment Regulations 1999);

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.

## **Special conditions relating to the activities of the Licensee**

The Licensee shall ensure that:

all reasonable steps are taken to ensure that the use of Radio Equipment by a customer complies with the conditions of this Licence;

the Radio Equipment:

is operated in accordance with the transmission characteristics (including frequencies, ERP, and antenna heights) specified in the schedule(s) except where prior written authority has been obtained from Ofcom;

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 the 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.

## **Information**

The Licensee shall:

inform customers of the following matters in writing before use of the Radio Equipment commences:

the terms of the licence that governs the use of the Radio Equipment supplied;

that failure to meet the terms of this Licence may result in the closedown of the Radio Equipment;

the penalties for improper use of the Radio Equipment.

inform hire customers in writing before use of the Radio Equipment commences that where the Radio Equipment is used beyond the time limits specified in paragraph 2 above, they must apply to Ofcom for an appropriate BR licence.

give to hire customers a copy of the hire contract before use of the Radio Equipment commences, which must be kept with the Radio Equipment.

## **Technical Conditions**

The maximum permitted ERP for base stations is 10 Watts;

The maximum permitted ERP for mobile stations is 25 Watts;

The maximum permitted base station antenna height above ground level is 20 metres.

## **Interpretation**

In this schedule:

“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 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 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).

**BUSINESS RADIO SUPPLIERS LICENCE**

**SCHEDULE 2**

<b>Licence No</b>	0000000/1	<b>Licence version date</b>	31/07/2999	<b>Payment Interval</b>	5 years
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**Dual Frequencies**

<b>Base (MHz)</b>	<b>Mobile (MHz)</b>	<b>Bandwidth (kHz)</b>
82.1250	68.6250	12.5
85.8750	72.3750	12.5
163.2875	158.7875	12.5
163.6875	159.1875	12.5
163.7500	159.2500	12.5
163.8500	159.3500	12.5
163.9000	159.4000	12.5
163.9250	159.4250	12.5
163.9500	159.4500	12.5
167.2000	172.0000	12.5
453.6875	460.1875	12.5
454.4250	461.4250	25
456.3875	461.8875	12.5
456.9875	462.4875	12.5
456.0125	461.5125	12.5
456.3375	461.8375	12.5
456.4625	461.9625	12.5
456.5625	462.0625	12.5
456.6875	462.1875	12.5
456.9250	462.4250	12.5
456.9625	462.4625	12.5

**Single Frequencies**

<b>Base/Mobile (MHz)</b>	<b>Bandwidth(kHz)</b>
26.8350	25
26.9200	25
48.9750	12.5
48.9875	12.5
68.6250	12.5
72.3750	12.5
82.1250	12.5
85.8750	12.5
158.7875	12.5
159.1875	12.5
159.2500	12.5
159.3500	12.5
159.4500	12.5

<b>Base/Mobile (MHz)</b>	<b>Bandwidth(kHz)</b>
159.4875	12.5
159.5000	12.5
159.5875	12.5
159.6250	12.5
159.6875	12.5
163.2875	12.5
163.6875	12.5
163.7500	12.5
163.8500	12.5
163.9000	12.5
163.9250	12.5
163.9500	12.5
163.9875	12.5
164.0000	12.5
164.0875	12.5
164.1250	12.5
164.1875	12.5
167.2000	12.5
169.0125	12.5
169.1375	12.5
169.1625	12.5
169.1875	12.5
172.000	12.5
453.6875	12.5
454.4250	25
456.3875	12.5
456.8625	12.5
456.9250	12.5
456.9875	12.5
460.1875	12.5
461.4250	25
461.8875	12.5
462.3625	12.5
462.4250	12.5
462.4750	12.5

### **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 Assignment Criteria (TFAC) located on the Ofcom website.