

# **GOVERNMENT GAZETTE**

### OF THE

# REPUBLIC OF NAMIBIA

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## **General Notices**

#### COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

No. 393

NOTICE IN TERMS OF THE REGULATIONS REGARDING TRANSITIONAL PROCEDURES FOR TELECOMMUNICATIONS AND BROADCASTING SERVICE LICENCES AND SPECTRUM USE LICENCES

The Communications Regulatory Authority of Namibia, in terms of regulation 9(10) of the "Regulations Regarding Transitional Procedures for Telecommunications and Broadcasting Service Licences and Spectrum Use Licences", in Government Gazette No. 4737, General Notice No. 171, dated 17 June 2011 herewith gives notice of the following persons issued with a broadcasting service licence and the persons not issued with a broadcasting service licence.

The authorisations are issued subject to the conditions for broadcasting service licences to be published soonest in terms of the rule-making procedure regulations.

#### **PLEASE NOTE:**

The list only relates to broadcasting service licences and does not relate to telecommunications service licences or to spectrum use licences. The Authority will publish the list for telecommunications service licenses and spectrum use licenses in due time.

#### **WARNINGS:**

Persons not issued with broadcasting service licences as per this notice are not authorised to operate and provide broadcast services and are alleged to operate illegally and may be summoned and be prosecuted in terms of the relevant regulations and the Communications Act, 2009 (Act No. 8 of 2009).

Persons not authorised to operate and provide broadcast services may apply for licences anew in terms of the relevant licensing regulations, in the event they intend on providing broadcast service licences.

The following are the lists of persons duly licensed to operate legally, with effect from 18 November 2011, as they have complied with the relevant regulations and the Communications Act, 2009 (Act No. 8 of 2009).

| No. | Licensee  | Licence<br>Fees<br>out-<br>stand-<br>ing? | Licensee's<br>citizenship<br>or place<br>of incorp-<br>oration | Percentage of<br>Stock owned<br>by Namibian<br>Citizens or<br>Namibian<br>Companies<br>Controlled<br>by Namibian<br>Citizens | Issued New Type<br>of Broadcasting<br>Service License | Date of Expiry of<br>License   |
|-----|---|---|--|--|---|--|
| 1   | Downlink<br>Namibia (Pty)<br>Ltd                    | No  | Namibia  | 51%  | Commercial<br>Broadcasting<br>Service Licence         | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 2   | Fresh FM (Pty)<br>Ltd                               | No  | Namibia  | 70%  | Commercial<br>Broadcasting<br>Service Licence         | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 3   | Cosmos Digital<br>Namibia Ltd (t/a<br>Kosmos Radio) | No  | Namibia  | 60%  | Commercial<br>Broadcasting<br>Service Licence         | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 4   | Katutura<br>Community<br>Radio t/a Base<br>FM       | No  | Namibia  | 100%   | Community<br>Broadcasting<br>Service Licence          | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 5   | Kalahari<br>Holdings (Pty)<br>Limited               | No  | Namibia  | 100%   | Commercial<br>Broadcasting<br>Service License         | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 6   | Live FM   | No  | Namibia  | 100%   | Community<br>Broadcasting<br>Service License          | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |

| 7  | Media for Christ<br>(Association not<br>for Gain)                                  | No | Namibia | 100%  | Community<br>Broadcasting<br>Service License  | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
|----|--|----|---------|-------|---|--|
| 8  | Multichoice<br>Namibia (Pty)<br>Ltd  | No | Namibia | 51%   | Commercial<br>Broadcasting<br>Service Licence | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 9  | Ohangwena<br>Regional<br>Community<br>Radio  | No | Namibia | 100%  | Community<br>Broadcasting<br>Service License  | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 10 | One Africa<br>Television (Pty)<br>Ltd  | No | Namibia | 51%   | Commercial<br>Broadcasting<br>Service Licence | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 11 | Omulunga<br>Radio (Pty) Ltd  | No | Namibia | 66.6% | Commercial<br>Broadcasting<br>Service Licence | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 12 | Trinity Broadcasting Namibia (TBN Namibia) (Incorporated Association not for Gain) | No | Namibia | 100%  | Community<br>Broadcasting<br>Service Licence  | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 13 | Radio Kudu<br>(Pty) Ltd  | No | Namibia | 66.6% | Commercial<br>Broadcasting<br>Service License | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 14 | Radio Wave CC  | No | Namibia | 51%   | Commercial<br>Broadcasting<br>Service Licence | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 15 | Radio Ecclessia<br>Namibia<br>(NCBC)   | No | Namibia | 100%  | Community<br>Broadcasting<br>Service Licence  | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 16 | Radio 100 (Pty)<br>Ltd   | No | Namibia | 100%  | Commercial<br>Broadcasting<br>Service Licence | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 17 | University of<br>Namibia   | No | Namibia | 100%  | Community<br>Broadcasting<br>Service Licence  | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |
| 18 | West Coast FM<br>(Pty) Ltd   | No | Namibia | 100%  | Commercial<br>Broadcasting<br>Service Licence | As per section 87 of<br>the Communications<br>Act, 2009 (Act No.<br>8 of 2009) |

| 19 | 99 FM (Pty) Ltd | No | Namibia | 100% | Commercial      | As per section 87 of |
|----|-----------------|----|---------|------|-----------------|----------------------|
|    |                 |    |         |      | Broadcasting    | the Communications   |
|    |                 |    |         |      | Service Licence | Act, 2009 (Act No.   |
|    |                 |    |         |      |                 | 8 of 2009)           |

The following are the lists of persons alleged not have complied with the relevant regulations and the Communications Act, 2009 (Act No. 8 of 2009) and who are thus not issued with a broadcasting service licence with effect from 18 November 2011.

| No. | Person   | Former Type<br>of<br>Broadcasting<br>Service<br>License(s) | Date of<br>Expiry of<br>Former<br>License(s) | Licence<br>Fees out-<br>stand-<br>ing? | Licensee's<br>citizenship<br>or place<br>of incorp-<br>oration | Percentage<br>of Stock<br>owned by<br>Namibian<br>Citizens or<br>Namibian<br>Companies<br>Controlled<br>by Namibian<br>Citizens | Status               |
|-----|--|--|--|--|--|---|----------------------|
| 1   | Chamber<br>Trading<br>Four <sup>1</sup>          |  |  |  |  |   | No License<br>Issued |
| 2   | Municipality of Tsumeb <sup>2</sup>              |  |  |  |  |   | No License<br>Issued |
| 3   | Southern Sun<br>Media for<br>Christ <sup>3</sup> |  |  |  |  |   | No License<br>Issued |
| 4   | Windhoek<br>Paris FM <sup>4</sup>                |  |  |  |  |   | No License<br>Issued |
| 5   | WUM<br>Properties<br>Ltd <sup>5</sup>            |  |  |  |  |   | No License<br>Issued |

#### (Footnotes)

- 1 Required information not received by the Authority.
- 2 Required information not received by the Authority.
- Required information not received by the Authority.
- 4 Required information not received by the Authority.
- 5 Required information not received by the Authority.

L.N. JACOBS
CHAIRPERSON
BOARD OF DIRECTORS
COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

#### COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

No. 394

# NOTICE OF INTENTION TO MAKE REGULATIONS REGARDING APPLICATION AND LICENCE FEES FOR SERVICE LICENCES

The Board of the Communications Regulatory Authority of Namibia (CRAN), in terms of the Regulations Regarding Rule-Making Procedures: Communications Act, 2009 published as General Notice 334, in Government Gazette 4630 dated 17 December 2010, hereby gives notice, in terms of sections 23, 38(10)(f), 42(3), 85(1), 88, and 129 of the Communications Act, 2009, of its intention to

make Regulations Regarding Application and Licence Fees for Service Licences.

This notice contains the following:

- 1. A concise Statement of Purpose of the proposed regulations
- 2. A draft of the proposed Regulations Regarding Application and Licence Fees for Service Licences

Written comments may be submitted in accordance with the Regulations Regarding Rule-Making Procedures, within sixty (60) days from the date of publication of this Notice.

Written reply comments may be submitted in accordance with the Regulations Regarding Rule-Making Procedures, within thirty (30) days from the date that written comments are due.

In terms of the Regulations Regarding Rule-Making Procedures, the Authority will hold a hearing at a time to be announced after the receipt of reply comments. Persons that have submitted written comments and reply comments will be invited to make oral submissions at the hearing.

# Statement of Purpose of the Proposed Regulations regarding Application and Licence Fees for Service Licences

Section 23 of the Communications Act, 2009 provides that CRAN may, after a rule making procedure, impose a regulatory levy on providers of communications services. Section 38(10)(f) provides that CRAN may impose on licensees the fees payable for the grant, management and control of a licence. Section 42(3) provides that CRAN may declare a licence to be forfeited if any fees or any other amount payable to CRAN by a licensee are not paid.

Section 85(1) of the Communications Act, 2009 provides that CRAN may determine prescribed fees in respect of broadcasting licences. Section 88 provides that CRAN may declare a licence to be forfeited if any fees are not paid.

Section 129 provides that CRAN may make regulations prescribing fees payable to it when applications are made and when licences are issued.

Accordingly, CRAN has proposed application and licence fees applicable to telecommunications and broadcasting service licences.

#### Proposed Regulations Regarding the Application and Licence Fees for Service Licences

The Board of the Communications Regulatory Authority of Namibia hereby publishes these Regulations Regarding Application and Licence Fees for Service Licences, in terms of sections 23, 38(10)(f), 42(3), 85(1), 88, and 129 of the Communications Act, 2009 (Act No. 8 of 2009), which regulations amend Notices No. 212 and No. 213 in Government Gazette No. 3942 dated 13 November 2007 and Notice No. 108 in Government Gazette No. 3858 dated 15 June 2007, insofar as it is inconsistent with these new regulations.

#### **Definitions**

1. In these regulations, any word or expression to which a meaning is assigned in the Act, shall have the same meaning and –

<sup>&</sup>quot;Act" means the Communications Act, 2009 (Act No. 8 of 2009).

#### **Purpose**

- **2.** (1) These regulations set out the application fees applicable to -
- (a) Telecommunications service licence applications;
- (b) Broadcasting service licence applications;
- (c) Licence transfer applications (for telecommunications service and broadcasting service);
- (d) Licence amendment applications (for telecommunications service and broadcasting service); and
- (e) Licence renewal applications (for telecommunications service, broadcasting service and spectrum use).
- (2) These regulations set out the annual licence fees applicable to -
- (a) Telecommunications service licences; and
- (b) Broadcasting service licences.

#### **Application Fees**

3. The application fees applicable to licence applications are set out in the table below, in relation to each of the different licence types as set out and defined in the Regulations Setting out Broadcasting and Telecommunications Service Licence Categories, published in Government Gazette No. 4714 dated 18 May 2011.

| Licence Type   | New licence   | Amendment     | Transfer /<br>Transfer of<br>control | Renewal       |
|--|---------------|---------------|--------------------------------------|---------------|
| Telecommunications -<br>Individual Comprehensive<br>(ECNS and ECS) | n/a           | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |
| Telecommunications - Class<br>ECNS                                 | N\$ 10 000.00 | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |
| Telecommunications - Class<br>ECS                                  | N\$ 10 000.00 | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |
| Telecommunications - Class<br>Comprehensive (ECNS and<br>ECS)      | N\$ 10 000.00 | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |
| Broadcasting - Commercial  | N\$ 10 000.00 | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |
| Broadcasting - Community   | N\$ 500.00    | N\$ 500.00    | N\$ 500.00                           | N\$ 500.00    |
| Broadcasting - Public  | n/a           | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |
| Broadcasting - Signal<br>Distribution                              | N\$ 10 000.00 | N\$ 10 000.00 | N\$ 10 000.00                        | N\$ 10 000.00 |

#### **Payment of Application Fees**

**4.** (1) The application fee must be paid by way of electronic transfer or direct deposit into the Authority's bank account.

- (2) The application fee must be paid on or before the day the application is submitted to the Authority.
- (3) The applicant must submit documentary proof of payment of the application fee with the submission of the application to the Authority.
  - (4) Application fees are non-refundable.
- (5) The Authority will not process an application where the applicant fails to pay the applicable application fee or fails to submit proof thereof to the Authority.

#### **Annual Adjustments in respect of Application Fees**

5. The application fees may be adjusted in relation to the Consumer Price Index as published by the Bank of Namibia, as determined by the Authority from time to time, and such adjustments will be published in the *Gazette*.

#### **Licence Fees**

**6.** The annual licence fees applicable to licences are set out in the table below, in relation to each of the different licence types as set out and defined in the Regulations Setting out Broadcasting and Telecommunications Service Licence Categories, published in Government Gazette No. 4714 dated 18 May 2011.

| Licence Type   | Annual Licence Fee |
|--|--------------------|
| Telecommunications - Individual Comprehensive (ECNS and ECS) | 1.5% of turnover   |
| Telecommunications - Class ECNS                              | 1.5% of turnover   |
| Telecommunications - Class ECS                               | 1.5% of turnover   |
| Telecommunications - Class Comprehensive (ECNS and ECS)      | 1.5% of turnover   |
| Broadcasting - Commercial                                    | 1.5% of turnover   |
| Broadcasting - Community                                     | N\$ 500.00         |
| Broadcasting - Public  | 1.5% of turnover   |
| Broadcasting - Signal Distribution                           | 1.5% of turnover   |

#### **Payment of Licence Fees**

- **7.** (1) The licence fee must be paid by way of electronic transfer or direct deposit into the Authority's bank account.
- (2) The licence fee must be paid on or before the due date, which is six months after the licensee's financial year end.
- (3) Licence fees which are based on a percentage of turnover must be calculated based on the licensee's audited annual financial statements, or, if the licensee is not required by law to audit its financial statements, on the annual financial statements signed and sworn by the accounting officer of the licensee.
- (4) For the purposes of these regulations, turnover is turnover excluding value added tax.
- (5) The licensee's annual audited (or signed and sworn) financial statements must be submitted to the Authority on or before the due date for payment of the licence fee, which submission must be accompanied by documentary proof of payment of the licence fee.

#### **Interest and Penalties in respect of Payment of Licence Fees**

- **8.** (1) If a licensee fails to pay its annual licence fee or submit its annual audited (or signed and sworn) financial statements on or before the due date, the licensee must also pay interest on the overdue amount from the due date to the date of payment (or the dates of submission of its annual audited (or signed and sworn) financial statements), at the rate of three percent above the then current overdraft interest rate being charged by the Authority's bankers.
- (2) If a licensee fails to pay its annual licence fee or submit its annual audited (or signed and sworn) financial statements within 45 days after the due date, the licensee must, in addition to paying interest as set out above, also pay a late payment penalty of 25 percent of the overdue amount.
- (3) If a licensee fails to pay its annual licence fee or submit its annual audited (or signed and sworn) financial statements within 120 days after the due date, the licensee must, in addition to paying the interest set out above, must either -
  - (a) also pay a late payment penalty of 100 percent of the overdue amount; or
  - (b) surrender its licence or licences to the Authority.
- (4) If a licensee fails to pay its annual licence fee or submit its annual audited (or signed and sworn) financial statements and fails to pay interest and the late payment penalty set out above, within six months after the due date, the Authority declare the licence (and related spectrum use or other licences) forfeited and/or impose a fine of up to N\$10 000 000.

#### **Exemptions in respect of Payment of Licence Fees**

**9.** If, in any year, a licensee is legally considered a small enterprise, in accordance with the turnover threshold in terms of any relevant legislation, the licensee may apply to the Authority, in the manner and format as set forth by the Authority, requesting to be exempted from paying the annual licence fee.

# L. N. JACOBS CHAIRPERSON OF THE BOARD COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

#### COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

No. 395

#### REGULATIONS REGARDING LICENCE EXEMPT SPECTRUM

The Board of the Communications Regulatory Authority of Namibia hereby publishes these Regulations Regarding Licence Exempt Spectrum Use, in terms of section 101(16), read with section 129 of the Communications Act, 2009 (Act. No. 8 of 2009), which regulations amend the Radio Regulations, No. R.2862 of 28 December 1979, insofar as they are inconsistent with these new regulations.

#### **Definitions**

1. In these regulations, any word or expression to which a meaning is assigned in the Act, shall have the same meaning and –

"Act" means the Communications Act, 2009 (Act No. 8 of 2009).

#### **Purpose**

2. These regulations provide that the use and possession of certain categories of radio apparatus do not require a spectrum use licence in the certain circumstances set out herein.

#### **Licence Exempt Spectrum Use**

3. The use and possession of the categories of radio apparatus set out in Annexure B of the Radio Frequency Spectrum Regulations, promulgated by the Independent Communications Authority of South Africa, for South Africa, set out in Notice 184 of 2011 and published in Government Gazette 34172 dated 31 March 2011, do not require a spectrum use licence in Namibia, provided that the conditions of licence exempt use are abided by.

#### **Conditions of Licence Exempt Spectrum Use**

- **4.** (1) The use and possession of the categories of radio apparatus set out in column B of the table included in Annexure B referred to above, must be in accordance with the frequencies, limitations, specifications and standards set out in columns A, C, D, and E of the table.
- (2) Prior to use and possession of radio apparatus without a spectrum use licence in Namibia, the radio apparatus must be type approved by the Authority, or the Independent Communications Authority of South Africa or, upon request to the Authority, by any other regulatory authority in a country other than Namibia or South Africa.
- (3) The use and possession of radio apparatus without a spectrum use licence in Namibia, may not cause interference to any person operating radio apparatus or otherwise using spectrum in accordance with a licence issued or deemed to have been issued by the Authority.
- (4) The use and possession of radio apparatus without a spectrum use licence in Namibia, must accept interference from any person operating radio apparatus or otherwise using spectrum in accordance with a licence issued or deemed to have been issued by the Authority or in accordance with these regulations.

L.N. JACOBS
CHAIRPERSON OF THE BOARD
COMMUNICATIONS REGULATORY AUTHORITY OF NAMIBIA

#### Annexure B - Apparatus exempt from radio frequency spectrum licenses

The use or possession of the RADIO APPARATUS listed in Column B below, in accordance with all specifications listed in Columns, A, C, D and E of the Table below shall not require a radio frequency spectrum licence:

#### **Table of Radio Frequency Spectrum Licenc Exemptions**

| Column A                                   | Column B                  | Column C   | Column D   | Column E                                 |
|--|---------------------------|--|--|--|
| Frequency<br>Bands<br>K=KHz M=MHz<br>G=GHz | Type of Device            | Maximum Radiated Power of Field Strength Limits & Channel spacing    | Relevant<br>Standard   | Additional<br>Requirements               |
| 9-59.75K                                   | Inductive Loop<br>System. | 72 dBµA/m @ 10m.  No duty cycle restriction.  No channel spacing.    | EN 300 330<br>EN 301 489-1,3<br>EN 60950                       | CEPT/ERC/REC<br>70-03                    |
| 59.75-60.25K                               | Inductive Loop<br>System. | 42 dBμA/m @ 10m.  No restrictions on duty cycle  No channel spacing. | N 300 330<br>EN 301 489-1,3<br>EN 60950<br>ISO/ IEC<br>18047-2 | CEPT/ERC/REC<br>70-03<br>ASK, FSK, & PSK |
| 60.25-70K                                  | inductive Loop<br>System. | 72 dBµA/m @ 10m.  No restrictions on duty cycle  No channel spacing. | EN 300 330<br>EN 301 489-1,3<br>EN 60950                       | CEPT/ERC/REC<br>70-03                    |
| 70-119K                                    | Inductive Loop<br>System. | 42 dBμA/m @ 10m.  No restrictions on duty cycle  No channel spacing. | EN 300 330<br>EN 301489-1,3<br>EN 60950<br>ISO/ IEC<br>18047-2 | CEPT/ERC/REC<br>70-03<br>ASK FSK, & PSK  |

| 119-135K                           | Inductive Loop<br>System X | 72 dBμA/m @<br>10m.            | EN 300 330                 | CEPT/ERC/REC<br>70-03 |
|------------------------------------|----------------------------|--------------------------------|----------------------------|-----------------------|
|                                    |                            | No restrictions on duty cycle  | EN 301 489-1.3<br>EN 60950 | ASK, FSK, & PSK       |
|                                    |                            | No channel spacing.            | ISO/ IEC<br>18047-2        |                       |
| 740-8800K                          | Inductive Loop<br>System   | 9 dBμA/m @<br>10m.             | EN 300 330                 | CEPT/ERC/REC<br>70-03 |
|                                    |                            | No restrictions on duty cycle  | EN 301 489-1,3<br>EN 60950 |                       |
|                                    |                            | No channel spacing.            |                            |                       |
| 6.765-6.795M                       | Inductive Loop<br>System   | 42 dBμA/m @<br>10m.            | EN 300 330                 | CEPT/EAC/REC<br>70-03 |
|                                    |                            | No restrictions                | EN 301489-1.3              |                       |
|                                    |                            | on duty cycle                  | EN 60950                   |                       |
|                                    |                            | No channel spacing.            |                            |                       |
| 13.553-13.567M                     | Inductive Loop<br>System   | 42 dBμA/m @<br>10m.            | EN 300 330                 | CEPT/ERC/REC<br>70-03 |
|                                    |                            | No restrictions                | EN 301489-1,3              | ASK, FSK, & PSK       |
|                                    |                            | on duty cycle                  | EN 60950                   |                       |
|                                    |                            | No channel spacing.            |                            |                       |
| 26.957-27.283M                     | Inductive Loop<br>System   | 42 dBμA/m @<br>10m.            | EN 300 330                 | CEPT/EAC/REC<br>70-03 |
|                                    |                            | No restrictions                | EN 301489-1,3              |                       |
|                                    |                            | on duty cycle                  | EN 60950                   |                       |
|                                    |                            | No channel spacing.            |                            |                       |
| 26.957-27.283M                     | Non-specific SRD.          | 10mW erp                       | EN 300 220                 | CEPT/ERC/REC<br>70-03 |
|                                    |                            | No restrictions on duty cycle. | EN 301 489-1,3             |                       |
|                                    |                            | No channel                     | EN 60950                   |                       |
| 00.005.07.3.5                      | Ourifican M. I. I.         | spacing.                       | EN 000 000                 | OEDT/EDO/DEG          |
| 26.995; 27.045;<br>27.095; 27,145; | Surface Model Control.     | 100 mW erp.                    | EN 300 220                 | CEPT/ERC/REC<br>70-03 |
| 27.195M                            |                            | No restrictions on duty cycle. | EN 301 489-1,3             |                       |
|                                    |                            | 10 kHz channel spacing.        | EN 60950                   |                       |

| 05.00 05.0514                     | Airen & Maria            | 400                            | EN 000 000              | OEDT/E & O/DEO                                  |
|-----------------------------------|--------------------------|--------------------------------|-------------------------|---|
| 35.00 - 25.25M                    | Aircraft Model Control.  | 100 mW erp.                    | EN 300 220              | CEPT/EAC/REC<br>70-03                           |
|                                   |                          | No restrictions on duty cycle. | EN 301489-1,3           |   |
|                                   |                          | 10 kHz channel                 | EN 60950                |   |
|                                   |                          | spacing.                       |                         |   |
| 36.65 - 36.75M                    | Wireless<br>Microphones. | 100 mW erp.                    | EN 300 422              | CEPT/ERC/REC<br>70-03                           |
|                                   | ,                        | 100% duty cycle.               | EN 301489-9             |   |
|                                   |                          | No channel spacing.            | EN 60950                |   |
| 40.65- 40.70M                     | Wireless<br>Microphones. | 100 mW erp                     | EN 300 422              | CEPT/ERC/REC<br>70-03                           |
|                                   |                          | 100%duty cycle                 | EN 301 489-9            |   |
|                                   |                          | No channel spacing.            | EN 60950                |   |
| 40.665, 40.675,<br>40.685, 40.695 | Surface Model Control.   | 100mW erp.                     | EN 300 220              | CEPT/EAC/REC<br>70-03                           |
| ,                                 |                          | No restriction on duty cycle.  | EN 301489-1,3           |   |
|                                   |                          | 10 kHz channel                 | EN 60950                |   |
|                                   |                          | spacing.                       |                         |   |
| 40.66- 40.7M                      | Non-specific SRD.        | 10 mW erp.                     | EN 300 220              | CEPT/ERC/REC<br>70-03                           |
|                                   |                          | No duty cycle restriction.     | EN 301 489-1,3          |   |
|                                   |                          | No observat                    | EN 60950                |   |
|                                   |                          | No channel spacing.            |                         |   |
| 46.61 - 46.97M<br>49.67 - 49.97M  | CTO Cordless<br>Phones.  | 10 mW eirp                     | The Authority<br>TE-013 | Government<br>Gazette 22443 of<br>4th July 2001 |
| 53-54M                            | Wireless                 | 50 MW erp for class 1          | EN 300 422              | CEPT/ERC/REC                                    |
|                                   | Microphones.             | equipment                      | EN 301 489-1,9          | 70-03   |
|                                   |                          | 100 mW erp                     | EN 609W                 |   |
|                                   |                          | 100% duty cycle                |                         |   |
|                                   |                          | No channel spacing             |                         |   |
| 54.4500;                          | Model Control.           | 5W erp                         | EN 300 220              | CEPT/ERC/REC                                    |
| 54.4625;<br>54.4750;              |                          | 12.5kHz channel                | EN 301 489-1,3          | 70-03   |
| 54.4875;                          |                          | spacing                        | EN 60950                |   |
| 54.500;                           |                          |                                |                         |   |
| 54.5125;                          |                          |                                |                         |   |
| 54.5250;<br>54.5375;              |                          |                                |                         |   |
| 54.5500M                          |                          |                                |                         |   |

| 1  | I  | I   | 1                                  |
|--|--|---|------------------------------------|
| Remote Control Industrial                  | 100mW erp  | EN 300 220  |                                    |
| Apparatus.                                 |  | EN 301 489-1,3  |                                    |
|  |  | EN 60950  |                                    |
| Wildlife telemetry<br>Tracking.            | 25mW erp   | EN 300 220  | The use of this band is restricted |
|  |  | EN 301 489-1,3  | to National game<br>Parks          |
|  |  | EN 60950  |                                    |
| Meter Reading                              | 500mW erp  | EN 300 220  | CEPT/ERC/REC<br>70-03              |
|  | 50kHz channel spacing  | EN 301489-1,3   | ECC/DEC (05)02                     |
|  | < 10% duty cycle   | EN 60950  |                                    |
| Non-specific                               | 10 mW erp  | EN 300 220  |                                    |
| GRID -<br>telecornrnand                    | 25 kHz channel spacing   | EN 301 489-1,3  |                                    |
| only.                                      |  | EN 60950  |                                    |
| Non-specific SRD.                          | 10 mW erp.   | EN 300 220  |                                    |
|  | 25 kHz channel spacing.  | EN 301 489-1,3  |                                    |
|  | , ,  | EN 60950  |                                    |
| Wireless<br>Microphones and                | 2 mW eirp.   | EN 300 220  | CEPT/ERC/REC<br>70-03              |
| assistive                                  | 100% duty cycle.   | EN 301 489-9  |                                    |
|  | No channel spacing.  | EN 60950  |                                    |
| Medical Implants.                          | 25 μW erp.   | EN 300 839  | ITU-R RS. 1346                     |
|  | No duty cycle  | EN 301 489-1,3  | CEPT/ERC/DEC (01)17                |
|  | devices with LBT, otherwise  | EN 60950  | (01)17                             |
|  | ≤ 1%.  |   |                                    |
|  | 25 kHz channel spacing.  |   |                                    |
| Doppler shift movement                     | 10 mW erp.   | EN 300422   |                                    |
| detectors,                                 | No channel spacing.  | EN 300 220  |                                    |
| microphones,                               |  | EN 301 489-1,3  |                                    |
| openers and<br>motor car alarm<br>systems. |  | EN 60950  |                                    |
|  | Industrial Apparatus.  Wildlife telemetry Tracking.  Meter Reading  Non-specific  GRID - telecornrnand only.  Non-specific SRD.  Wireless Microphones and assistive listening devices.  Medical Implants.  Doppler shift movement detectors, wireless microphones, garage door openers and motor car alarm | Industrial Apparatus.       25mW erp         Wildlife telemetry Tracking.       25mW erp         Meter Reading       500mW erp         50kHz channel spacing       < 10% duty cycle | Industrial Apparatus.              |

| 433.05-                       | Non specific SRD              | 1 SRDW erp.                 | EN 300 220         | CEPT/ERC/REC             |
|-------------------------------|-------------------------------|-----------------------------|--------------------|--------------------------|
| 434.79M                       |                               | No channel                  | EN 301489-1,3      | 70-03                    |
|                               |                               | spacing.                    | EN 60950           | ASK, FSK, PSK,<br>& FHSS |
|                               |                               | 100% duty cycle             | ISO/1EC 18047-7    |                          |
| 433.05-<br>434.79M            | Non specific<br>SRD           | 10mW erp                    | EN 300 220         | CEPT/EAC/REC<br>70-03    |
|                               |                               | duty cycle < 10%            | EN 301 489-1,3     |                          |
|                               |                               | No channel spacing          | EN 60950           | ASK, FSK, PSK,<br>& FHSS |
|                               |                               | opaomy                      | ISO/IEC<br>18047-7 |                          |
| 433.05-<br>434.79M            | Non specific<br>SRD           | 10 mW erp                   | EN 300 220         | CEPT/ERC/REC<br>70-03    |
| 101.70141                     |                               | 100% duty cycle             | EN 301489-3        | 70 00                    |
|                               |                               | Up to2skHz channel spacing. | EN 60950           |                          |
|                               |                               | 3                           | ISO/IEC<br>18047-7 |                          |
| 446 - 446.1 M<br>includes the | Public Mobile<br>Radio (PMR). | 500mnW.                     | EN 300 296         |                          |
| following eight channels.     |                               | 12,5 kHz channel spacing    | EN 301 489-5       |                          |
| 446.00625M;                   |                               | Spaomy                      | EN 60950           |                          |
| 446.01875M;<br>446.03125M;    |                               |                             |                    |                          |
| 446.04375M;                   |                               |                             |                    |                          |
| 446.05625M;                   |                               |                             |                    |                          |
| 446.06875M;                   |                               |                             |                    |                          |
| 446.08125M;                   |                               |                             |                    |                          |
| 446.09375M;                   |                               |                             |                    |                          |
| 464.5375M                     | Security systems              | 1W                          | EN 300 296         |                          |
|                               |                               | 25 kHz channel spacing.     | EN 301 489-5       |                          |
|                               |                               |                             | EN 60950           |                          |
| 464.500-<br>464.5875          | Non-specific<br>SRD           | 100mW                       | EN 300 220         |                          |
|                               |                               | No channel spacing          | EN 301 489-3       |                          |
|                               |                               |                             | EN 60950           |                          |
|                               |                               |                             | ISO/IEC<br>18047-7 |                          |

|                            | T  | I   | T                        |
|----------------------------|--|---|--------------------------|
| Low Power Radio.           | 500mW.   | EN 300 296  | CEPT/ERC/REC<br>70-03    |
|                            | 12,5 kHz channel   | EN 301 489-5  |                          |
|                            | spacing  | EN 60050  |                          |
|                            |  | EN 60950  |                          |
| Wireless Audio<br>Systems. | 10 mW erp.   | EN 300 357  | CEPT/ERC/REC<br>70-03    |
|                            | 100% duty cycle.   | EN 301 489-9  | CEPT/EAC/DEC             |
|                            | No channel spacing.  | EN 60950  | (01)18                   |
| Wireless<br>Microphones    | 10 mW erp.   | EN 300 422  | CEPT/ERC/REC<br>70-03    |
| ·                          | 100% duty cycle.   | EN 301 489-9  |                          |
|                            | No channel spacing.  | EN 60950  |                          |
| CT2 cordless telephones    | 10 mW eirp.  | EN 301 797  | CEPT/EAC/REC<br>70-03    |
|                            |  | EN 301489-<br>1,10  |                          |
|                            |  | The Authority   |                          |
|                            |  | TE-012  |                          |
| Non specific<br>SRD        | 25 mW erp.   | EN 300 220  | CEPT/ERC/REC<br>70-03    |
|                            |  | EN 301 489-1,3  | CEPT/ERC/DEC             |
|                            | LD1.   | EN 60950  | (01) 04                  |
| Alarms.                    | 10mW erp.  | EN 300 220  | CEPT/ERC/REC<br>70-03    |
|                            | < 1% duty cycle.   | EN 301 489-1,3  | CEPT/ERC/REC             |
|                            | 25 kHz channel spacing.  | EN 60950  | (01) 09                  |
| Non specific SRD           | 25 mW erp.   | EN 300 220  | CEPT/ERC/REC<br>70-03    |
|                            | < 0.1% duty  | EN 301 489-1,3  | CEPT/EAC/REC             |
|                            |  | EN 60950  | (01) 04                  |
|                            | No channel spacing.  |   |                          |
| Alarms.                    | 10 mW erp.   | EN 300 220  | CEPT/ERC/REC<br>70-03    |
|                            | < 0.1 % duty   | EN 301 489-1,3  |                          |
|                            | Cycle.   | EN 60950  |                          |
|                            | 25 kHz channel   | 1   | 1                        |
|                            | Wireless Microphones  CT2 cordless telephones  Non specific SRD  Alarms.  Non specific SRD | Wireless Audio Systems.  10 mW erp. 100% duty cycle. No channel spacing.  Wireless Microphones  10 mW erp. 100% duty cycle. No channel spacing.  CT2 cordless telephones  10 mW erp. 10 mW eirp.  10 mW erp.  4 1% duty cycle or LBT.  Alarms.  10mW erp.  4 1% duty cycle. 25 kHz channel spacing.  Non specific SRD  25 mW erp.  4 1% duty cycle. 25 kHz channel spacing.  Non specific SRD  25 mW erp.  4 1% duty cycle. 25 kHz channel spacing.  Non specific SRD  Non specific SRD  10 mW erp. | 12,5 kHz channel spacing |

| Nan anasitia ODD      | 500mm\A/ mm   | EN 000 000   | OEDT/EAC/DEC   |
|-----------------------|---|--|--|
| Non-specific SRD.     | 500mW erp.  | EN 300 220   | CEPT/EAC/REC<br>70-03  |
|                       | < 10% duty  | EN 301 489-1,3   |  |
|                       | or LBT.   | EN 60950   |  |
|                       | 25 kHz channel spacing.   |  |  |
| Alarms                | 25 mW erp.  | EN 300 220   | CEPT/ERC/REC<br>70-03  |
|                       | 10% duty cycle.   | EN 301 489-1,3   |  |
|                       | 25 kHz channel spacing.   | EN 60950   |  |
| Non-specific SRD.     | 5 mW erp.   | EN 300 220   | CEPT/ERC/REC<br>70-03  |
|                       | 100% duty cycle.  | EN 301 489-1,3   |  |
|                       |   | EN 60950   |  |
|                       | No channel spacing.   |  |  |
| DECT cordless phones. | 250 mW eirp (peak).   | EN 300 406   |  |
|                       |   | EN 301489-1,6  |  |
|                       | 1.728 MHz<br>channel spacing.   | EN 60950   |  |
|                       |   | The Authority  |  |
|                       |   | TE 001   |  |
| Non-specific          | 10 MW erp.  | EN 300 440   | CEPT/ERC/REC   |
| SHD                   |   | EN 301 489-1,3   | 70-03  |
|                       | No channel<br>  spacing.  | EN 60950   |  |
| Wideband<br>Wireless  | 100 mW eirp.  | EN 300 328   | CEPT/ERC/REC<br>70-03  |
| Systems               | No duty Cycle.  | EN 301 489 -   |  |
| WLAN                  | No channel spacing.   |  |  |
| Wideband Data         | . 5   |  |  |
| Transmission          |   |  |  |
|                       |   |  |  |
| (**0013)              |   |  |  |
| Model Control         |   |  |  |
| FDDA                  | 25 mW erp.  | EN 300 440   | CEPT/ERC/REC<br>70-03  |
|                       | No duty cycle.  | EN 301 489-1,3   |  |
|                       | No channel spacing.   | EN 60950   |  |
|                       | Alarms  Non-specific SRD.  DECT cordless phones.  Non-specific SRD  Wideband Wireless Systems  WLAN  Wideband Data Transmission Applications (WBDTS)  Model Control | cycle or LBT.  25 kHz channel spacing.  Alarms  25 mW erp.  10% duty cycle.  25 kHz channel spacing.  Non-specific SRD.  5 mW erp.  100% duty cycle.  No channel spacing.  DECT cordless phones.  DECT cordless 250 mW eirp (peak).  1.728 MHz channel spacing.  Non-specific SRD.  No duty cycle.  No duty cycle.  No channel spacing.  Wideband 100 mW eirp.  Wideband Systems  No duty Cycle.  WLAN  No channel spacing.  Wideband Data Transmission Applications (WBDTS)  Model Control  FDDA  25 mW erp.  No duty cycle.  No channel spacing. | Company countries   Comp |

| 2400- 2483.5M | Low power Video<br>Surveillance                   | 100 mW erp.  | EN 300 440          | CEPT/ERC/REC           |
|---------------|---|--|---------------------|------------------------|
|               |   | No duty cycle.                                     | EN 301 489-1,3      |                        |
|               |   | No channel spacing.                                | EN 60950            |                        |
| 5150 - 5350M  | Wireless Access<br>Systems / Radio                | 200 MW eirp.                                       | EN 300 893          | ITU-RM.1625            |
|               | Local Access<br>Network WAS &<br>RLAN) indoor use | Dynamic<br>Frequency<br>Selection (DFS)            | EN 301 489-<br>1,17 |                        |
|               | only.   | & Transmitter Power Control Obligatory.            | EN 60950            |                        |
| 5470-5725M    | Wireless Access<br>Systems / Radio                | 1 W eirp.  | EN 300 893          | ITU-R M.1625           |
|               | Local Access<br>Network (WAS<br>& RLAN): indoor   | Dynamic<br>Frequency<br>Selection (DFS)            | EN 301 489-<br>1,17 |                        |
|               | use only.   | & Transmitter Power Control Obligatory.            | EN 60950            |                        |
| 5725 - 5875M  |   | 1 watt peak eirp  Any modulation                   |                     |                        |
| 5725 - 5875M  |   | 4 watt peak eirp                                   |                     |                        |
|               |   | Frequency<br>hopping or digital<br>modulation only |                     |                        |
| 5795- 5805M   | RTTT data   | 2 W eirp.  | EN 300 674          | ITU-R M,1 453          |
|               |   | No duty cycle restriction.                         | EN 301 489-1,3      | CEPT/ERC/DEC<br>(92)02 |
|               |   | No channel spacing.                                | EN 60950            |                        |
| 5805- 5815M   | RTTT data.  | 2W eirp.   | EN 300 674          | ITU-R M.1453           |
|               |   | No duty cycle restriction.                         | EN 301 489-1,3      | CEPT/ERC/DEC<br>(92)02 |
|               |   | No channel spacing.                                | EN 60950            |                        |
| 9200- 9500M   | FDDA.   | 25 mW eirp.  | EN 300 440          | CEPT/EAC/REC<br>70-03  |
|               |   | No duty cycle restriction.                         | EN 301 489-1,3      |                        |
|               |   | No channel spacing.                                | EN 60950            |                        |

| 9500- 9975M    | FDDA.                              | 25 mW eirp.                | EN 300 440     | CEPT/ERC/REC<br>70-03 |
|----------------|------------------------------------|----------------------------|----------------|-----------------------|
|                |                                    | No duty cycle restriction. | EN 301 489-1,3 | 70 00                 |
|                |                                    |                            | EN 60950       |                       |
|                |                                    | No channel spacing.        |                |                       |
| 10.5 -10.6G    | FDDA.                              | 500 MW eirp.               | EN 300 440     | CEPT/ERC/REC<br>70-03 |
|                |                                    | No duty cycle restriction. | EN 301 489-1,3 |                       |
|                |                                    |                            | EN 60950       |                       |
|                |                                    | No channel spacing.        |                |                       |
| 13.4 -14G      | FODA.                              | 25 mW eirp.                | EN 300 440     | CEPT/ERC/REC<br>70-03 |
|                |                                    | No duty cycle restriction. | EN 301 489-1.3 |                       |
|                |                                    |                            | EN 60950       |                       |
|                |                                    | No channel spacing.        |                |                       |
| 17.1 -17.3G    | Wireless Access<br>Systems / Radio | 100 mW eirp.               | EN 300 440     | CEPT/ERC/REC<br>70-03 |
|                | Local Access<br>Network (WAS &     |                            | EN 301489-1,3  |                       |
|                | RLAN).                             |                            | EN 60950       |                       |
| 24.00- 24.25G  | Non-specific SRD.                  | 100 MW eirp.               | EN 300 440     | CEPT/ERC/REC<br>70-03 |
|                |                                    | No duty cycle restriction. | EN 301 489-1,3 |                       |
|                |                                    | No channel                 | EN 60950       |                       |
|                |                                    | spacing.                   |                |                       |
| 24.05 - 24.25G | FDDA.                              | 100 mW eirp.               | EN 300 4.40    | CEPT/ERC/REC<br>70-03 |
|                |                                    | No duty cycle restriction. | EN 301 489-1,3 |                       |
|                |                                    |                            | EN 60950       |                       |
|                |                                    | No channel spacing.        |                |                       |
| 76-77G         | RTTT radar                         | 55dBm peak                 | EN 300 091     | CEPT/ERC/REC<br>70-03 |
|                |                                    | No duty cycle restriction  | EN 301 489-1,3 |                       |
|                |                                    | No channel                 | EN 60950       |                       |
|                |                                    | spacing                    |                |                       |

Use and possession of all radio apparatus exempt in terms of the above table must comply with the following:

- (a) All radio apparatus must be type-approved by the Authority in accordance with section 35 of the Act;
- (b) The frequencies, transmitting power and external high-gain antenna of the radio apparatus must not be altered without a new type approval certificate being issued by the Authority;

- (c) The RADIO APPARATUS must be operated within, and not exceed, the technical parameters set out in each of the applicable columns C and D of the Table with respect to the frequency band; maximum radiated power or field strength limits and channel spacing; relevant standard; and duty cycles and antennas to be used as contained in Column E.
- (d) The antenna of the RADIO APPARATUS must not be higher or above average ground level than the lowest point of the place where the RADIO APPARATUS operates effectively.
- (e) The RADIO APPARATUS must not cause Interference to any person issued with a radio frequency spectrum licence by the Authority.
- (f) The user of the RADIO APPARATUS in the licence-exempt frequency spectrum operates on non-Interference and zero protection bases from interference.