#### **NOTICE 305 OF 2009**

# RADIO FREQUENCY SPECTRUM LICENCE FEES REGULATION

#### DRAFT RADIO FREQUENCY SPECTRUM LICENCE FEES REGULATION

This draft regulation will replace Regulations E1 (Licence and Examination fees) of the Radio Regulations.

## **SCHEDULE**

 In exercise of the powers conferred on it Section 4 (1) of the Electronic Communications Act 2005, (The Act"), the Independent Communications Authority of South Africa (ICASA) hereby makes the following regulations.

#### 2. Purpose of these regulations

(1) This Regulation is made to standardise Radio Frequency Spectrum Fees and Pricing in order to promote efficiency of spectrum use and conformity with international standards in the usage of spectrum in the Republic of South Africa.

## 3. The Objective of these regulations

- (1) Is to establish a transparent, fair, competitive and non-discriminatory Radio Frequency Spectrum Pricing based on administrative incentive pricing and which does not preclude the use of auctions and other internationally accepted methods of determining Radio Frequency Spectrum Price;
- (2) Is to encourage efficient and effective utilization of spectrum, encouraging, on an incentive basis, migration to lesser populated and low-demand bands;
- (3) Is to ensure that the costs of managing and monitoring the radio frequency spectrum are at least covered by fee income;
- (4) Is to promote efficiency and competition by simplifying and harmonizing the Radio Frequency Spectrum Pricing process; and
- (5) To achieve government policy objectives of even development of telecommunications infrastructure across South Africa.

#### 3. Definitions

In these Regulations, unless the context otherwise indicates, a word or expression to which a meaning has been assigned in the Act has the meaning so assigned,

| "the Act" means the Electronic Communications Act, 2 | :005 (Act No. 36 |
|--|------------------|
|--|------------------|

of 2005):

"ASTER" means the Area Sterilized Factor that is applied to reflect the

area that is denied to other users of a frequency assignment;

"Authority" means the Independent Communications Authority of South

Africa as defined in section 1 of the Act;

"BW" means Bandwidth expressed in MHz paired;

"CG" means the Congestion Factor that is applied to reflect where

a frequency spectrum is congested and demand exceeds

supply;

"FREQ" means the Frequency Factor that is applied to reflect the frequency band (spectrum location) in which the frequency

assignment is positioned;

"GEO" means the Geographic Factor that is applied to reflect the

geographic area of South Africa covered by a frequency

spectrum assignment;

"GHz" means Gigahertz of Radio Frequency Spectrum

"HOPMINI" means the Minimum Hop Factor that is applied to a point to

point frequency spectrum assignment when the hop length is

shorter than the minimum hop length identified for the

frequency band;

"Khz" means Kilohertz of Radio Frequency Spectrum;

"MHz" means Megahertz of Radio Frequency Spectrum;

"Minimum Fee" means the minimum fee paid for a radio frequency spectrum

licence;

Republic of South Africa" means the entire geographical area, the territorial waters

and air limits of South Africa and any area to which the

provisions of the Act apply;

"SHR" means the Sharing Factor that is applied when the frequency

spectrum that is the subject of an assignment can be shared;

"UNIBI" means the Uni-directional factor that is applied when a single

link only is assigned;

"UNIT" means the Unit Price per Megahertz paired that is applied

when the radio frequency spectrum licence fee is calculated

by means of a formula;

"VSAT" means Very Small Aperture Terminal;

#### 4. Fee Determination

- (a) The fees payable for each category of Frequency Spectrum must either be as determined by a pricing formula as described in these Regulations or by application of the minimum fee;
- (b) The unit price per MHz of Frequency Spectrum is as stated in the Annexure "A" to these regulations and may be reviewed from time to time as may be determined by the Authority; and
- (c) The minimum fee is as stated in these regulations and may be reviewed from time to time as may be determined by the Authority.

# 5. Exceptions

- (1) Equipment that is licence-exempt is not subject to a radio frequency spectrum licence fee.
- (2) Where the Authority determines that the assignment of frequency should be made on competitive basis, the radio frequency spectrum licence fee may be determined on the basis of an auction.
- (3)Unless the Authority determines otherwise, broadcast services are not subject to the radio frequency spectrum fees

#### 6. Formulae

The following formulae will be used as indicated in the price schedules.

(a) Point-to-area formula

Applied to all point to area services except for Amateur, aeronautical and maritime with exclusive band allocations.

# Fee = (UNIT \* FREQ \* BW \* CG \* GEO \* SHR \* ASTER \* UNIBI)

The fee is the multiplication of the unit price (UNIT) by the frequency factor (FREQ), the bandwidth in MHz, the congestion factor (CG), the Geographic factor (GEO) the sharing factor (SHR), the area sterilized factor (ASTER) and the unidirectional factor (UNIBI) where this is applicable for point to area.

(b) Point-to-point formula

Applied to all fixed links whether below or above 1GHz. The formula is as follows:

# Fee = (UNIT \* FREQ \* BW \* CG \* GEO \*SHR \* HOPMINI \* UNIBI)

The fee is the multiplication of the unit price (UNIT) by the frequency factor (FREQ), the bandwidth (BW) in MHz, the congestion factor (CG), the Geographic factor (GEO), the sharing factor (SHR), the minimum hop length (HOPMINI) and the unidirectional factor (UNIBI).

(c) Satellite Hub Ground Station Formula

The fee for a principle hub station for uplink is determined by the following fee

# Hub ground station Fee = Max (\$UL; UNIT \* BW)

The fee is the multiplication of the unit price (UNIT) by the bandwidth (BW) in MHz, and \$uL is the minimum fee for satellite uplink connections.

(d) Satellite VSAT subordinate ground station Formula

The fee for subordinate Very Small Aperture Station for uplink is determined by the following fee

#### VSAT Fee = (UNIT \* BW)

The fee is the multiplication of the unit price (UNIT) by the bandwidth (BW) in MHz.

7. **Unit Price** – the Unit Price (UNIT) is applied per MHz paired of bandwidth. UNIT is as stated in the Annexure "A".

- 8. Factors and Look Up Tables
- (a) Bandwidth (BW)

The Bandwidth factor is expressed per MHz paired.

- (b) Frequency factor (FREQ)
  - (i) The following are the ranges and the relevant frequency band factor:

| Area (  | (m2)      | ASTER Factor |
|---------|-----------|--------------|
| From    | То        |              |
| 0       | 1         | 0.6          |
| 1       | 10        | 2            |
| 10      | _100      | 6            |
| 100     | 1,000     | 18           |
| 1,000   | 10,000    | 56           |
| 10,000  | 100,000   | 180          |
| 100,000 | 500,000   | 400          |
| 100,000 | 1,000,000 | 600          |

- (c) Geographic factor (GEO)
  - (i) The following is the table of geographic factors:

| GEO Area     | GEO Factor Value |  |
|--------------|------------------|--|
| High Density | 1                |  |
| Medium       |                  |  |
| Density      | 0.75             |  |
| Low Density  | 0.5              |  |

- (ii) The definition of high, medium and low density is stated in the Annex to this regulation.
- (iii) Where the geographic area that is covered by a licence includes more than one GEO area, the highest GEO factor will be applied.
- (d) Congestion factor (CG)
  - (i) The following is the table of congestion factors:

| CONGESTION    | CG Factor Value |
|---------------|-----------------|
| Congested     | 1.5             |
| Not Congested | 1               |

- (ii) 'Congested' applies where there is a waiting list for the frequency spectrum that is the subject of the licence, while 'Not Congested' applies when there is no waiting list.
- (e) Degree of sharing (SHR)
  - (i) The following is the table of Share factors

| Sharing   | Value of sharing factor |     |
|-----------|-------------------------|-----|
| Exclusive |                         | 1   |
| Shared    | (                       | ).5 |

(ii) 'Shared applies where two or more licensees share the frequency spectrum

# (f) Area sterilized (ASTER)

(i) The following is the table of ASTER factors

| Area (l | (m2)      | <b>ASTER Factor</b> |
|---------|-----------|---------------------|
| From    | То        |                     |
| 0       | 1         | 0.6                 |
| 1       | 10        | 2                   |
| 10      | 100       | 6                   |
| 100     | 1,000     | 18                  |
| 1,000   | 10,000    | <b>56</b> .         |
| 10,000  | 100,000   | 180                 |
| 100,000 | 500,000   | 400                 |
| 100,000 | 1,000,000 | 600                 |

# (g) Minimum hop length (HOPMINI)

(i) The following is a table of minimum path lengths by frequency. Frequencies not appearing specifically in this table shall be rounded to the next highest value in the table.

| Frequency Band | Min Path Length |
|----------------|-----------------|
| (MHz)          | (Km)            |
| 400            | 100             |
| 800            | 60              |
| 1.4/1.6/2      | 30              |
| 4 and 5        | 16              |
| 7.5            | 14              |
| 10 and 11      | 10              |
| 13/14/15       | 9               |
| 17/18          | 4               |
| 22/23          | 3               |
| 25/26          | 3               |
| 28             | 2               |
| 31 and 32      | 1.5             |
| 38             | 1               |
| Higher         | 0               |

- (ii) Where the actual path length of the licensee's link is shorter than the minimum path length for the frequency, the HOPMINI factor in the formula shall be calculated as the square root of the ratio between the minimum path length for the frequency requested and the actual path length of the licensee's link SQRT(Minimum Path Length for the Frequency / Actual Path Length).
- (iii) Where the actual path length is equal to the minimum path length for frequency spectrum or the length is not known, the value of HOPMINI in the formula will be 1.

# (h) Unidirectional factor (UNIBI)

(i) The following is a table of UNIBI factors as applied in the respective Point to Point formula and the Point to Area formula.

| UNIBI          | Value for Point to Point | Value for Point to Area |
|----------------|--------------------------|-------------------------|
| Unidirectional | 0.75                     | 0.5                     |
| Bi-directional | 1                        | 1                       |

- (ii) In the Point to Point formula, the Unidirectional factor is applied when a single (unidirectional link) is the subject of the licence.
- (iii) In the Point to Area formula, the Uni-directional factor is applied when an unpaired frequency is the subject of the licence.

#### 9. Minimum Fees

- (a) The Minimum Fees are as stated in the Annexure "A".
- (b) The Minimum fees are applicable to the services as defined in the Table of Fees by Type of Radio Communications Service.
- (c) Where the Radio Frequency Spectrum Licence fee is defined by formula and the result is lower than the minimum fee, then the minimum fee shall apply.
- (d) For satellite hub uplink stations, the minimum fee for satellite hub uplink stations shall apply.

#### 10. Multi Year Licences

(a) The fee for a multi-year licence can be determined by the following table where the annual fee as calculated by formula is multiplied by the relevant factor for the number of years.

| Years  | 1 | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   |
|--------|---|------|------|------|------|------|------|------|------|------|
| Factor | 1 | 1.91 | 2.74 | 3.49 | 4.17 | 4.79 | 5.36 | 5.87 | 6.33 | 6.76 |

- (b) The fee should be rounded up to the nearest whole Rand.
- (c) For licensees in the Amateur, Aeronautical and Ship Station category, the minimum period for obtaining a multi-year licence is 5 years.
- (d) For licensees other than the Amateur, Aeronautical and Ship Station category, the maximum period for obtaining a multi-year licence is 5 years.
- (e) If a licensee wishes to obtain a further frequency during the term of the multi-year licence, then he/she should obtain an additional licence and pay the fees for the additional frequency that are current. Any changes to the fee structure will not affect a multi-year licence during its period of validity.

# 11. Table of Fees by Type of Radiofrequency Licence

|   | Existing<br>Fee Rand | Proposed Fee or Basis - Rand   |
|---|----------------------|--------------------------------|
| 1. Amateur Radio  |                      |                                |
| (i) All classes of licence (including CEPT Format)  | 27                   | Minimum Fee                    |
| (ii) Beacon   | 48                   | Minimum Fee                    |
| (iii) Change of call sign on request  | 27                   | Minimum Fee                    |
| (iv) Guest or special event licence   | 27                   | Minimum Fee                    |
| (v) Listener  | 27                   | Minimum Fee                    |
| (vi) Repeater station including radio link  | 48                   | Minimum Fee                    |
| (vii) Digipeater/Bulleting Board  | 48                   | Minimum Fee                    |
| (viii) Experimental station for weather satellite reception and Re transmission                       | 27                   | Minimum Fee                    |
| 2. Aeronautical   |                      |                                |
| (i) Aircraft station  | 48                   | Minimum Fee                    |
| (ii) Beacon   | 48                   | Minimum Fee                    |
| (iii) Ground station  | 48                   | Minimum Fee                    |
| (iv) Relay station  | 48                   | Minimum Fee                    |
| (v) Radio Link  | 1                    |                                |
|   | _                    |                                |
| 3. Land Mobile Service  |                      |                                |
| 3.1 Alarm station (see also item 5.1 for alarm systems)   | 18                   | see item 5.1 for alarm systems |
|   |                      |                                |
| 3.2 Base Station General Base/Mobile  |                      |                                |
| (i) Citizen band  | 33                   | Minimum Fee                    |
| (ii) Civil Defence/Marnet   |                      |                                |
| (a) Station without private frequency   | 33                   | Minimum Fee                    |
| (b) Station with private frequency  | 42                   | Point to Area<br>Formula       |
|   | 1                    |                                |
| (iii) 27/29 MHz frequency band  |                      |                                |
| (a) Station with one frequency channel  | 33                   | Minimum Fee                    |
| (b) Station with more than one frequency channel (Including station for use at sea and inland waters) | 42                   | Minimum Fee                    |
| (i) A Othor   |                      |                                |
| (iv) Other (a) Station with one single frequency channel  | 42                   | Point to Area<br>Formula       |
| (b) Station with more than one single frequency channel   | 48                   | Point to Area<br>Formula       |
| (c) Station with one or more double frequency channels  | 48                   | Point to Area<br>Formula       |
| (d) High frequency band:  |                      |                                |
| (i) First Base station  | 48                   | Point to Area<br>Formula       |
| (ii) Each additional base station   | 906                  | Point to Area<br>Formula       |
| (iii) Civil defence station   | 48                   | Point to Area<br>Formula       |
|   |                      |                                |
| 3.3 Experimental station  | 27                   | Minimum Fee                    |

| 3.4 Load Management station (see also item 5.2)  | 1.2   | See load                                   |
|--|-------|--|
|  |       | management systems                         |
| 3.5 Mobile Two Way Station   |       | Systems                                    |
| (i) Citizen band   | 33    | Minimum Fee                                |
| (ii) Civil Defence/Marnet  | 33    | within ree                                 |
|  | 33    | Minimum Fee                                |
| (a) Station without private frequency  |       | Point to Area                              |
| (b) Station with private frequency   | 42    | Formula                                    |
| (iii) Portable (low power)   |       |  |
| (a) 26/27 MHz frequency band with apparatus not exceeding 100 mW   | 27    | Minimum Fee                                |
| (b) Station in the UHF for onsite communication, not exceeding 2W  | 27    | Point to Area<br>Formula                   |
| (iv) 27/29 MHz frequency band (Including station for use at sea and inland waters)                           |       |  |
| (a) Station with one frequency channel   | 33    | Minimum Fee                                |
| (b) Station with more than one single frequency channel (Including station for use at sea and inland waters) | 33    | Minimum Fee                                |
| (v) Other  |       |  |
| (a) Station with one single frequency channel  | 42    | Point to Area<br>Formula                   |
| (b) Station with more than one single frequency channel  | 48    | Point to Area<br>Formula                   |
| (c) Station with one or more double frequency channels   | 48    | Point to Area<br>Formula                   |
| (d) High frequency band:   |       | Point to Area                              |
|  |       | Formula                                    |
| i. Per Station   | 906   | Point to Area<br>Formula                   |
| ii. Civil Defence Station  | 48    | Point to Area<br>Formula                   |
| 3.6 Paging Station which is used in a system other than that indicated under item 5.4 per page               |       |  |
| (i) One way  | 18    | Point to Area<br>Formula                   |
| (ii) Two way   | 42    | Point to Area<br>Formula                   |
| 3.7 Relay Station  |       |  |
| (i) Station with one single frequency channel  | 42    | Point to Area<br>Formula                   |
| (ii) Station with more than one single frequency channel   | 48    | Point to Area<br>Formula                   |
| (iii) Station with one or more double frequency channels   | 48    | Point to Area<br>Formula                   |
| 3.8 Repeater Station (See item 5.6)  | 48    | Point to Area                              |
| 3.9 Special radio service: Per license   | 30    | Formula<br>Minimum Fee                     |
| 3.10 Telemetry Station   | 18    | Point to Area                              |
| 6.10 Tolomony Station  | 10    | Formula                                    |
| 3.11 Licence fee payable by the SADF, SAPS, Telkom and Transnet per MHz                                      | 1,540 | Point to Point<br>Formula for<br>each link |
| 3.12 Radio Link Station  |       | CAOTI IIII                                 |
| (i) Single Frequency Link below 1000 MHz (per control and/or interconnect point)                             | 42    | Point to Point<br>Formula                  |

| (ii) Double Frequency Link below 1000 MHz (per control and/or interconnect point)  | 48    | Point to Point<br>Formula |
|--|-------|---------------------------|
| (iii) Radio Link above 1000 MHz calculated on the assigned bandwidth per frequency (per control and/or interconnect point)   | 770   | Point to Point<br>Formula |
| 4. Maritime  |       |                           |
| 4.1 Beacon   | 48    | Minimum Fee               |
| 4.2 Coast station:   | 40    | William ree               |
|  | 40    | Minimum Fee               |
| (i) Non-commercial   | 48    | Willimum Fee              |
| (ii) Commercial  |       |                           |
| a) In the medium and HF bands, per base station with:  |       |                           |
| 1 to 20 Mobile Stations  |       | Minimum Fee X<br>20       |
| over 20 Mobile Stations  |       | Minimum Fee X<br>40       |
|  |       |                           |
| IN Last Annual Control of the Contro |       |                           |
| b) In the VHF bands, per base station with:  | 4 000 | Minimum P . M             |
| 1 to 5 mobile stations   | 1,238 | Minimum Fee X<br>5        |
| 6 to 10 mobile stations  | 2,424 | Minimum Fee X<br>10       |
| 11 to 15 mobile stations   | 3,612 | Minimum Fee X<br>15       |
| 16 to 20 mobile stations   | 4,800 | Minimum Fee X<br>20       |
| 21 and more mobile stations  | 5,988 | Minimum Fee X<br>40       |
| 4.3 Ship station: Maritime frequency band  | 48    | Minimum Fee               |
| 4.4 Ships operating on land mobile frequencies (See item 3.2 (iii) (b) and 3.5 (iv) (b)  | 42    | Minimum Fee               |
| 5.Electronic Communications Network Service  |       |                           |
| 5.1 Alarm systems  |       | Point to Area             |
| 3.1 Alaith systems   |       | Formula                   |
| (i) Urban complexes (Durban and Pietermaritzburg, Cape Peninsula and surroundings, the greater Johannesburg, Pretoria and Vereeniging areas):  |       |                           |
| Per control room and per frequency channel: Minimum licence fee as for 240 alarm stations  | 4,320 | void<br>see above         |
| (ii) All other areas:  |       |                           |
| Per control room and per frequency channel: Minimum licence fee as for 100 alarm stations  | 1,800 | void<br>see above         |
| (iii) Extensions: Minimum licence fee as for 20 alarm stations   | 360   | void                      |
|  |       | see above                 |
| 5.2 Load management system (Minimum licence fee as for 200 load management stations)   | 240   | Point to Area<br>Formula  |
| 5.3 Message handling (two way)   |       | Point to Area<br>Formula  |
| (i) Urban complexes (Durban and Pietermaritzburg, Cape Peninsula and surroundings, the greater Johannesburg, Pretoria and Vereeniging areas):  |       |                           |

| (a) Per single frequency channel: Minimum licence fee as for 80 two-<br>way mobile stations   | 3,360     | void<br>see above        |
|---|-----------|--------------------------|
| (b) Per double frequency channel: Minimum licence fee as for 80 two-<br>way mobile stations   | 3,840     | void<br>see above        |
| (ii) All other areas:   |           |                          |
| (a) Per single frequency channel: Minimum licence fee as for 40 two-  |           | void                     |
| way mobile stations   |           | see above                |
| (b) Per double frequency channel: Minimum licence fee as for 40 two-  |           | void                     |
| way mobile stations   |           | see above                |
| (iii) Extensions: Minimum licence fee as for 10 two-way mobile stations, single or double frequency, whichever licence fee is applicable.                               |           |                          |
| Per double frequency channel: minimum licence fee as for 100  |           | void                     |
| two-way mobile stations   |           | see above                |
| 5.4 Paging system   |           | Point to Area<br>Formula |
| (i) Urban complexes (Durban and Pietermaritzburg, Cape Peninsula and surroundings, the greater Johannesburg, Pretoria and Vereeniging                                   |           |                          |
| areas):   |           |                          |
| Per control room and per frequency channel: Minimum licence fee   | 4,320     | void                     |
| as for 240 one way paging stations  |           | see above                |
| (ii) All other areas:   |           | void                     |
|   |           | see above                |
| Per control room and per frequency channel: Minimum licence fee   | 1,800     | void                     |
| as for 100 one way paging stations  |           | see above                |
| (iii) Extensions: Minimum licence fee as for 20 one way paging stations   |           | void                     |
| r r nedica multipa  |           | see above                |
| 5.5 Radio trunking;   |           | Point to Area<br>Formula |
| All Areas   |           | Torridia                 |
|   | 10        |                          |
| (a) for a maximum of one control channel per base station   | 48        | void<br>see above        |
| (b) for each additional double frequency channel or if only one   | 3,840     | void                     |
| channel is used at a base station   |           | see above                |
|   |           |                          |
| 5.6 Repeater system (communal and private):   |           | Point to Area<br>Formula |
| <ul><li>(i) Urban complexes (Durban and Pietermaritzburg, Cape Peninsula and<br/>surroundings, the greater Johannesburg, Pretoria and Vereeniging<br/>areas):</li></ul> |           |                          |
| Minimum licence fee as for 80 two way stations  | 3,840     | void                     |
|   |           | see above                |
| (ii) All other areas: Minimum licence fee as for 40 two way stations  | 1,920     | void                     |
|   |           | see above                |
| (iii) Extensions: Minimum licence fee as for 10 two way stations  |           | void<br>see above        |
| 5.8 Electronic Communications Network   |           | Point to Area            |
| 5.6 Electronic Communications Network   |           | Formula using            |
|   |           | maximum                  |
|   |           | ASTER factor             |
|   |           | value                    |
| (i) C450  |           | Void                     |
| (ii) GSM  |           |                          |
| (a) Basic Fee   | 5,000,000 | Void                     |
| (b) Additional fee per 200 kHz frequency pair   | 20,000    | Void                     |
| (c) A further annual licence fee of 5% of ths nett operational income of  | 25,000    | Subject of ECNS          |
| the licensee  |           | Licence                  |
|   | 1         | 1                        |

| 5.10 Wireless data telecommunication services:  |           | Point to Area<br>Formula   |
|---|-----------|----------------------------|
|   |           | _                          |
|   |           |                            |
|   |           |                            |
| ·   |           |                            |
|   |           |                            |
| 5.12 Broadcasting band sub carrier system - per frequency of subcarrier used                  | 8,000     | Point to Area<br>Formula   |
| 5.13 Video conference system  | 50,000    | Void                       |
| 5.14 Microwave Multipoint Distribution Systems (MMDS)   | 50,000    | Point to Area<br>Formula   |
| 5.15 Wide Area Network  | 5,000     | Point to Area<br>Formula   |
| 5.16 Digital Enhanced Cordless Telecommunication system (DECT) per megahertz frequency system | 1,540     | Point to Area<br>Formula   |
| 5.17 Wireless Local Loop (WLL)  | 10,000    | Point to Area<br>Formula   |
| 5.18 National mobile data telecommunications services   |           | Point to Area<br>Formula   |
| (i) National mobile data telecommunications network   |           |                            |
| (a) Telecommunications fee payable  |           |                            |
| on date of issue of the telecommunications licence; or  | 1,500,000 | void<br>see above          |
| on date of issue of the telecommunications licence, plus                                      | 500,000   | void<br>see above          |
| on the first anniversary of the Commercial Date   | 632,500   | void<br>see above          |
| on the second anniversary of the Commercial Date  | 739,500   | void<br>see above          |
| (b) Annual income related licence fee of  |           | Subject of CONS            |
| <ul> <li>0.2% of Turnover in he first two financial years</li> </ul>                          |           | Subject of ECNS<br>Licence |
| 2% of Turnover for the remainder of the licence period  |           | Subject of ECNS<br>Licence |
| (c) Annually per first assignment of a specific 12.5 kHz frequency pair within the RSA        | 25,000    | void<br>see above          |
| 6. Satellite  |           |                            |
| 6.1 Inmarsat Terminals  |           | Minimum Fee                |
| i) Land mobile service:   |           |                            |
| (a) A terminal  | 396       | Void                       |
| (b) B terminal  | 396       | Minimum Fee                |
| (c) C terminal  | 168       | Minimum Fee                |
| (d) M terminal  | 396       | Minimum Fee                |
| (ii) Maritime:  |           |                            |

| (a) A terminal  | 396    | Void                      |
|---|--------|---------------------------|
| (b) B terminal  | 396    | Minimum Fee               |
| (c) C terminal  | 168    | Minimum Fee               |
| (d) M terminal  | 396    | Minimum Fee               |
| 6.2 Uplink broadcasting signal distribution fixed satellite earth station | 50,000 | Hub Satellite<br>Formula  |
| 6.2 Mobile or fixed satellite news gathering station                      | 50,000 | Hub Satellite<br>Formula  |
| VSAT  |        | VSAT Satellite<br>Formula |

- 12. Licensees must furnish all information concerning the equipment they deploy as required by the Authority.
- 13. Assignment of Radio Frequency Spectrum and the issuance of licences to use Radio Frequency Spectrum is at the discretion of the Authority and applicants for Radio Frequency Spectrum must furnish all information to support their application as required by the Authority.

# 14. Contraventions and penalties

Any person who contravenes or fails to comply with the provisions of these regulations is liable to a fine prescribed in terms of section 17H of the ICASA Act, 2000 (Act No. 13 of 2000).

#### 15. Short title and commencement

These Regulations are called the Radio Frequency Spectrum Licence Fees Regulations, 2009, and will come into operation on the date of publication in the Gazette.

#### 16. Repeal and amendment

The E1 licence fees contained in Chapter 6 of the Radio Regulations published in Government Gazette number 2862 of 1979 is hereby repealed.

# Annexure "A"

- A. The Unit Price per MHz paired is R2,000
- B The Minimum Fee is R 120
- C The Minimum fee for a Satellite Hub Station is R 50,000
- D The GEO Areas are
  - High Density includes Gauteng province, and the municipal areas of Cape Town, Durban and Port Elizabeth.
  - Medium Density other urban areas as may be determined from time to time.
  - Low Density includes all parts of South Africa that does not fall under high density or medium density.