

S.I. 2003 No. 78

Telecommunications Act
(Act 2001-36)

THE TELECOMMUNICATIONS (LICENCE FEES)
REGULATIONS, 2003

The Minister in exercise of the powers conferred on him by section 110(1) of the *Telecommunications Act* makes the following Regulations:

1. These Regulations may be cited as the *Telecommunications (Licence Fees) Regulations, 2003*.

2. In these Regulations

“ISM Band” means

902-000 – 928.000 MHz
2.4000 – 2.4835 GHz
5.725 – 5.850 GHz

operating under 1 watt output power unless specifically approved by the Ministry.

“FRS” or Family Radio Service is a multi-user band using 14 channels at 462.5625 MHz to 467.7125 MHz with a maximum bandwidth of 12.5 KHz and channel spacing of 25KHz.

“Channel spacing” means the following:

VHF 12.5 KHz
UHF 25 KHz
SHF As per ITU-R Recommendations
EHF as follows:

F383, F384, F385, F387
F747, F497, F597, F636, F637

3. The fees payable on an application for and the issue of

(a) a spectrum licence under sections 23 and 44 of the Act; and

(b) a special spectrum licence under section 46 of the Act in respect of the use of the electromagnetic spectrum in Barbados are those set out in Parts I and II of the *First Schedule* respectively.

First
Schedule.

4. (1) The fees payable on an application for the issue of the following licences are those provided in Part II of the *Second Schedule*:

Second
Schedule.

(a) a carrier licence referred to under paragraph (a) of section 10(1);

(b) a service provider licence referred to under paragraph (3) of section 10(1);

(c) a dealers licence referred to under paragraph (d) of section 10(1) and

(d) a VSAT licence referred to under paragraph (e) of section 10(1).

(2) The fees payable on application for the certification of standards referred to under section 51(1) for

(a) technicians;

(b) customer equipment; and

(c) wiring connected to public telecommunications network

are those provided in Part II of the *Second Schedule*.

5. The fees payable under these Regulations in respect of the issue of a licence referred to in these Regulations shall be for a period of 1 year or part thereof and are renewable annually in accordance with section 13 of the Act.

6. The annual fees payable in respect of the frequency used in Fixed Satellite Earth Stations shall be calculated in the manner set out in Part III of the *First Schedule*.

First
Schedule.

7. (1) The following fee is payable for inspection of Registers in respect of

(a) radiocommunications;

(b) telecommunications;

(c) spectrum \$10.00 for each inspection.

(2) The following fee is payable for

(a) inspection of a Spectrum Plan; and

(b) a copy of a Spectrum Plan \$10.00 for each inspection.

8. All application fees are non-refundable.

9. All fees payable under these Regulations are payable to the Chief Telecommunications Officer by cash or cheque.

FIRST SCHEDULE

(Regulation 3)

PART I

APPLICATION FEES FOR USE OF ELECTROMAGNETIC SPECTRUM
IN PUBLIC OR PRIVATE TELECOMMUNICATIONS

| <i>Column 1</i> | <i>Column 2</i> |
|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Spectrum Frequencies | Application Fee payable per frequency |
| 1. All Spectrum Frequencies for Networks other than those specified in paragraphs (2) (3), (4), (5), and (6) with a bandwidth | |
| (a) of 25KHz or less | \$ 200.00 |
| (b) of more than 25KHz but less than 500KHz | \$ 500.00 |
| (c) of 500KHz or more but less than 1MHz | \$1 200.00 |
| (d) of 1MHz or more but less than 20MHz | \$3 000.00 |
| (e) of 20MHz or more | \$6 000.00 |
| 2. Satellite Downlink Frequencies | \$ 600.00 per band |
| 3. Special Spectrum Licence Pool Frequencies | \$ 50.00 for maximum use of 10 days |
| 4. Fixed Satellite Earth Station | \$ 500.00 |

FIRST SCHEDULE – *Cont'd*

(Regulation 5)

PART II

ANNUAL FEES FOR USE OF ELECTROMAGNETIC SPECTRUM
IN PUBLIC OR PRIVATE TELECOMMUNICATIONS

Column 1

Column 2

Electromagnetic Spectrum

**Annual Fee payable per
frequency**

1. Frequencies for Networks and Systems

(a) exclusive use with a bandwidth:

- (i) of less than 1MHz \$500.00 per 25KHz of occupied bandwidth or part thereof
- (ii) of 1MHz or more \$20 000.00 for the first MHz of occupied bandwidth, and \$500.00 per subsequent MHz of occupied bandwidth or part thereof

(b) shared use with a bandwidth:

- (i) of less than 300KHz \$200.00 per 25KHz of occupied bandwidth or part thereof
- (ii) of 300KHZ or more but less than 20MHz \$4 000.00
- (iii) of 20MHz or more \$8 000.00

2. Satellite Downlink Frequencies \$ 600.00

FIRST SCHEDULE – *Cont'd**(Regulation 5)*PART II – *Cont'd*

| <i>Column 1</i> | <i>Column 2</i> | |
|---------------------------------------------------------------------------------------------|-----------------------------------------|--------------|
| Electromagnetic Spectrum | Annual Fee payable per frequency | |
| 3. Common Frequencies for In-Building or On-site Wireless Systems with a bandwidth: | ISM Band | Non ISM Band |
| (a) of 20MHz or less | \$100.00 | \$200.00 |
| (b) of more or less than 20MHz but not exceeding 50MHz | \$200.00 | \$400.00 |
| (c) of more than 50MHz | \$300.00 | \$600.00 |
| 4. Block of Assigned Frequencies for Multi-channel Radio communication networks and systems | \$ 20.00 | |
| 5. Maritime Band (Fishing Boats only) | NIL | |
| 6. Amateur Band | | |
| 7. Government Entities | | |
| 8. CERO | | |
| 9. CDERA | | |
| 10. United Nations | | |
| 11. Embassies or High Commissions | | |
| 12. Family Radio Service (FRS) | | |
| 13. Emergency Services | | |
| 14. Fees for Special Spectrum Licence | | |

FIRST SCHEDULE - Cont'd

(Regulation 6)

PART III

ANNUAL FEES FOR USE OF FIXED SATELLITE EARTH STATIONS

The following formula will be used to calculate the annual fees per transmitter or carrier Frequency:

$$K_1 \log_{10} [P_{\text{nom}} \text{ Watts}/25 \text{ Watts}] + (K_2 \log_{10} (P_{\text{tot}} - 1000)/25 \text{ Watts}) \times [\text{BW}(\text{KHz}/8.5)] \times 500$$

where

- (a) $K_1=1$ for the first 1KW of radiated carrier
- (b) $K_2=0.2$ for additional power above 1KW
- (c) 25 watts is the maximum power allowable for VHF base stations
- (d) 8.5 KHz is the maximum allowable RF Bandwidth for VHF Base Stations
- (e) P_{nom} is the nominal transmitter power
- (f) P_{tot} is the effective isotropically radiated power
- (g) Bandwidth is the width of the frequency band that is just sufficient to ensure the transmission of information at a rate and with the quality acceptable under certain conditions.
- (h) BW is the Bandwidth in Kilo-Hertz

Unit Fee = 500, as \$500 is the unit Spectrum Fee for a 8.5 KHz band in Barbados

Application Fee \$500.00

SECOND SCHEDULE

(Regulation 4 (1))

PART I

LICENCE FEES PAYABLE IN RESPECT OF SERVICES SPECIFIED
UNDER SECTION 10(1)(a), (b) and (c)

**1. VALUE ADDED SERVICES IN RESPECT OF AN INDIVIDUAL
LICENCE OF A SERVICE PROVIDER**

| <i>Category of Licence</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|------------------------------------------------------|----------------------------|---------------------------------|
| Resale of Leased Circuit Services | \$300.00 | \$ 3 000.00 |
| International Simple Resale | \$300.00 | 3 000.00 |
| Public Internet Access Service ² | \$300.00 | 3 000.00 |
| Internet Exchange Services ³ | \$300.00 | 3 000.00 |
| Virtual Private Network Services ³ | \$300.00 | 3 000.00 |
| Managed Data Network Services ³ | \$300.00 | 3 000.00 |
| Bandwidth Capacity Exchange Services ³ | \$300.00 | 3 000.00 |
| Backhaul Bandwidth Capacity Services ³ | \$300.00 | 3 000.00 |
| Other New Types of Value Added Services ³ | \$300.00 | 3 000.00 |
| Backhaul Bandwidth Capacity Services ³ | \$300.00 | 3 000.00 |
| Store-and-Forward (S&F) VAS ³ | NIL | \$ 100.00 |
| Live Audiotex Services ³ | NIL | \$ 200.00 every 3 years |

NOTE:

1. These services must be bought from Cable & Wireless (Barbados) Limited until the start of Phase III of the Liberalisation Programme.
2. This service must be provided via Cable & Wireless (Barbados) Limited Network until the start of Phase III of the Liberalisation. The provision of Voice services over the Internet is also prohibited until the start of Phase III.
3. These services will not be allowed until Phase III of the Liberalisation Programme.

SECOND SCHEDULE – Cont’d

(Regulation 4 (1))

PART I – *Cont’d*

2. INTERNATIONAL, MOBILE, FIXED WIRELESS AND FIXED SERVICE AND NETWORK PROVIDERS

| <i>Category of Licence</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|-----------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------|
| International ¹ | \$5 000.00 | Initially by competitive award, then 3% of Gross annual turnover of business or \$2 000 000.00 whichever is greater. |
| Mobile ² | \$5 000.00 | |
| Fixed ³ | \$5 000.00 | |
| Fixed Wireless ³ | \$5 000.00 | |

¹ Phase III

² Phase I

³ Phase II

3. VALUE ADDED SERVICE IN RESPECT OF A PROVIDER’S CLASS LICENCE

| <i>Category of Licence</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------------------------------|------------------------|-----------------------------|
| Callback or Call Re-Origination Service ¹ | NIL | \$100.00 |
| Internet-based Voice or Data Services ¹ | NIL | \$100.00 |
| Store-and-Retrieve (S&R) VAN Services ¹ | NIL | NIL |
| International Calling Card (ICC) Services ¹ | NIL | \$100.00 |
| Audiotex Services ¹ | NIL | \$100.00 |

¹ Not allowed until Phase III.

SECOND SCHEDULE – *Cont'd**(Regulation 4 (1))*PART I – *Cont'd*

4. LAND MOBILE RADIO-COMMUNICATION SERVICES

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|----------------------------------------------------------------|------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Public Telecommunicatons: | | |
| Base or Fixed Station | NIL | \$ 72.00 |
| Mobile or Handportable Station ... | NIL | \$ 54.00 |
| Repeaters | NIL | \$600.00 |
| Commercial Trunked Radio-communication Networks | \$500.00 | \$20 000 or 1% AGTO ¹ of business whichever is greater |
| Wide Area Public Network Licence | \$100.00 | \$1 000.00 per group of 50 stations or part thereof (for portable or mobile stations). \$200.00 per base or repeater station |
| Local Area Public Network Licence | \$50.00 | \$200.00 per network (portable or mobile stations) \$200.00 per base or repeater station |
| Private Telecommunications: | | |
| Private Radio Communication Trunking Networks (Private) | \$50.00 | NIL |
| Private Two Way Radio Networks | | |
| (a) Family Radio Service | | |
| (b) General Mobile Radio Services | \$20.00 | NIL |

¹AGTO means Annual Gross Turn over

SECOND SCHEDULE – Cont’d

(Regulation 4 (1))

PART I – Cont’d

4. LAND MOBILE RADIO-COMMUNICATION SERVICES – Cont’d

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------|----------------------------|---------------------------------|
| Private Paging Service | NIL | \$ 50.00 |
| Radio Telephone | NIL | \$ 180.00 |
| Public Paging Service (Public) | | |
| 1 – 10 Units | NIL | \$ 300.00 |
| 10 – 100 Units | NIL | \$ 600.00 |
| 101 – and over Units | NIL | \$1 200.00 |

5. WIDE AREA AND LOCAL AREA NETWORKS

| <i>Private Telecommunications:</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Wide Area Private Network Licence | \$50.00 | \$ 50.00 per group of 50 stations or part thereof (for portable or mobile stations). \$100.00 per base or repeater station |
| Local Area Private Network Licence | \$20.00 | \$100.00 per network (port- able or mobile stations) \$ 50.00 per base or repeater station |

6. TELECOMMUNICATION ACCESS BUREAU SERVICE PROVIDERS

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------------------------|----------------------------|---------------------------------|
| (1) Cyber-Cafes | | |
| (2) Telephone Bureau | \$300.00 | NIL |
| (3) Multipurpose Community Telecentres (MCTs) | | |

SECOND SCHEDULE – *Cont'd**(Regulation 4 (1))*PART I – *Cont'd***7. FIXED AND MOBILE SATELLITE SERVICES VERY SMALL APERTURE
TERMINALS (VSAT)**

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------|
| Public Commercial Satellite Uplink Downlink Gateway Services | \$500.00 | 1% of AGTO of Business or \$20,000.00 whichever is greater |
| Commercial VSAT Network Operator ... | \$300.00 | 1% of AGTO plus \$300.00 per VSAT |
| GMPCS Service Providers | \$ 30.00 | 1% of AGTO of the business |
| GMPCS Terminals | \$ 30.00 | NIL |
| Interactive VSAT Terminal | \$ 30.00 | \$3 000.00 per VSAT |
| VSAT Terminal for Radio, Determination and Related Services | \$ 30.00 | \$ 150.00 per VSAT |
| Satellite-based Paging Network and Services | \$300.00 | \$3 000.00 |
| VSAT (Internet Application) | \$500.00 | 1% of the AGTO or \$20 000.00 or whichever is greater |
| VSAT Terminal for Space Research and Related Services | \$ 30.00 | \$1 500.00 per VSAT |
| VSAT for Amateur Satellite Services ... | \$ 30.00 | \$ 150.00 per VSAT |

SECOND SCHEDULE – *Cont’d*

(Regulation 4 (1))

PART I – *Cont’d*

7. FIXED AND MOBILE SATELLITE SERVICES VERY SMALL APERTURE TERMINALS (VSAT) – *Cont’d*

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|------------------------------------------------------------------------------|------------------------|-----------------------------|
| VSAT (Downlink for Broadcast reception only) | \$100.00 | \$1 000.00 per VSAT |
| Private Telecommunications | | |
| Private VSAT Network or Operator ... | \$ 50.00 | \$3 000.00 per VSAT |

Note: Until the Ministry outlines the policy for the use of VSAT (Very Small Aperture Terminals, (VSAT) is to be used for Call Centre business only, with no interconnection or bypassing of Cable & Wireless International Network until Phase III.

8. PUBLIC DATA TELECOMMUNICATIONS NETWORK OPERATORS

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------------------------|------------------------|----------------------------------------------------|
| Public Data Telecommunications | | |
| Network Services | \$300.00 | 1% of the AGTO or \$20 000.00 whichever is greater |

9. PRIVATE FIXED TELECOMMUNICATIONS NETWORKS

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------------------------|------------------------|-----------------------------|
| Private Fixed Telecommunications | | |
| Network Services | \$300.00 | \$30 000.00 |

10. INTERNET BACKBONE SERVICES

| | | |
|---------------------------------------------------|----------|----------------------------------------------------|
| Internet Services | \$500.00 | 1% of the AGTO or \$20 000.00 whichever is greater |
|---------------------------------------------------|----------|----------------------------------------------------|

SECOND SCHEDULE – *Cont'd**(Regulation 4 (1))*PART I – *Cont'd***11. SPECIAL PURPOSE STATION**

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------------|------------------------|-----------------------------|
| Special Purpose Station Services ... | \$100.00 | \$ 30.00 |

12. AERONAUTICAL AND SHIP STATIONS

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|----------------------------------------------|------------------------|-----------------------------|
| Aeronautical | | |
| (a) Mobile Aircraft Station | NIL | \$400.00 |
| (b) Aircraft Ground Station | NIL | \$200.00 |
| Ship | | |
| Motor Vessels (over 16 metres) | NIL | \$180.00 |
| Fishing Vessels (up to 16 metres) | NIL | \$ 20.00 |
| Non-Fishing Vessels (up to 16 metres) | NIL | \$ 60.00 |
| Coast (Fixed) Stations | NIL | \$200.00 |

13. CITIZENS BAND, MODEL, SATELLITE TV, RADIO AMATEUR

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--------------------------------------------|------------------------|-----------------------------|
| Citizens Band | | |
| Base | NIL | \$ 60.00 |
| Mobile or Handportable | | \$ 45.00 |
| Models | | |
| Aeroplanes, Boats, Racing Cars, Trains ... | NIL | \$ 30.00 |

SECOND SCHEDULE – Cont’d

(Regulation 4 (1))

PART I – Concl’d

13. CITIZENS BAND, MODEL, SATELLITE TV, RADIO AMATEUR – Cont’d

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|-------------------------------|----------------------------|--------------------------------------------------------------------------|
| Citizens Band – Cont’d | | |
| Radio Amateur | NIL | \$ 30.00 initially then \$15.00 per supplementary endorse- ment |
| Satellite TV Antenna | | |
| (1) Domestic Use | NIL | \$500.00 for life of the user ¹ |
| (2) Commercial Use | NIL | \$600.00 per Antenna |
| Cellular Telephones | NIL | \$150.00 per instrument |

¹Domestic Users of Satellite TV Antenna should note that persons who have paid this sum do not have to make any further payments, as they are considered licensed for life. Domestic users are permitted one Antenna per household.

SECOND SCHEDULE - *Cont'd**(Regulation 4 (1))*

PART II

**APPLICATION FEES FOR RADIO COMMUNICATIONS APPARATUS
AND RADIO COMMUNICATIONS EQUIPMENT - *Cont'd*****14. SELLERS AND DEALERS**

| | <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|-----|-----------------------------|------------------------|-------------------------------------------------------------------------------------------|
| (1) | Class | NIL | \$100.00 for 5 years |
| (2) | Individual | NIL | \$600.00 for sales up to \$2 000.00 \$1 200.00 for sales greater than \$2 000.00 |

15. VIDEO CLUBS

| | <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|-----|-----------------------------|------------------------|-----------------------------|
| (1) | Video Clubs | NIL | \$600.00 |

**16. SERVICE PROVIDER LICENCES IN RESPECT OF WIDE AND LOCAL
AREA NETWORKS**

| | <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|--|-----------------------------|------------------------|----------------------------------------------------|
| | Wide Area | \$500.00 | \$20 000.00 or |
| | Local Area | \$500.00 | 1% of AGTO of Business whichever is the greater |

**17. POINT-TO-MULTIPOINT AND POINT-TO-POINT LINKS, MICROWAVE
RADIO RELAY LINKS, STUDIO-TO-TX**

| | <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|-----|-----------------------------|------------------------|-----------------------------|
| (1) | Point-to-Multipoint Links | | |
| (a) | Unidirectional | \$ 50.00 | \$1 000.00 |
| (b) | Bidirectional | \$ 50.00 | \$ 100.00 |

SECOND SCHEDULE – *Cont'd*

(Regulation 4 (1))

PART II – *Cont'd*

17. POINT-TO-MULTIPOINT AND POINT-TO-POINT LINKS, MICROWAVE RADIO REPLAY LINKS, STUDIO-TO-TX – *Cont'd*

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|---------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| (2) Point-to-Point Links | | |
| (a) Microwave Radio Relay Links | \$500.00 | |
| (b) Studio (STLs)-to-Transmitter (TX) Links | | Bandwidth (B/W) of 1MHz to less than 5 MHz: \$4 000.00 ” of 5MHz to less than 10 MHz: \$ 8 000.00 ” of 10MHz to less than 15 MHz: \$20 000.00 ” of 15 MHz to less than 20 MHz: \$28 000.00 ” of 20 MHz: to less than 25 MHz: \$34 000.00 ” of 25 MHz to less than 30 MHz: \$40 000.00 ” of 30 MHz to less than 40 MHz: \$48 000.00 “ 40 MHz and greater \$60 000.00 |

SECOND SCHEDULE – *Concl'd**(Regulation 4 (1))*PART II – *Concl'd***18. CUSTOMER EQUIPMENT**

| <i>Category of Licences</i> | <i>Application Fee</i> | <i>Annual Operating Fee</i> |
|-----------------------------|------------------------|----------------------------------------------------------------------|
| Equipment Certification | NIL | \$ 20.00 per Certificate |
| Installer Certification | NIL | \$100.00 initially for 5 years and then \$ 50.00 every 5 years |
| Inside Wiring Contractor | NIL | \$500.00 every 5 years |

Made by the Minister this 24th day of April, 2003.

REGINALD FARLEY
Minister responsible for Telecommunications.

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