Telecommunications

Cap. 282B.

TELECOMMUNICATIONS (LICENCE FEES) REGULATIONS, 2003

2003/78. 2003/94. 2003/99. 2004/109.

Authority: These Regulations were made on 24th April, 2003 by the Minister under 2005/75. section 110(1) of the *Telecommunications Act*.

2005/141.

2006/92. 2008/39.

Commencement: 22nd May, 2003.

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

"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;

"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 25 KHz;

"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.

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

2003/94.

- a spectrum licence under sections 11, 23 and 44 of the Act; and
- (b) a special spectrum licence under section 46 of the Act

First Schedule. 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.

Second Schedule. 2003/94.

- **4.** (1) The fees payable on an application for the issue of the following licences are those provided in Part I of the Second Schedule:
 - (a) a carrier licence referred to in paragraph (a) of section 10(1);

2003/94.

- (b) a service provider licence referred to in paragraph (b) of section 10(1);
- (c) a dealers licence referred to in paragraph (d) of section 10(1);
- (d) a VSAT licence referred to in paragraph (e) of section 10(1).
- (2) The fees payable on application for the certification of standards referred to in section 51(1) for
 - (a) technicians;

2003/94.

- (b) customer equipment, including plugs and jacks; and
- (c) wiring connected to the 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 one year or part thereof, and are renewable annually in accordance with section 13 of the Act.

5A. The following fee is payable in respect of any application by a 2003/94. licensee in respect of

a modification of any licence issued under the Act \$500.00 per application.

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)	radiocommunica	tions;	 	\$10.00
<i>(b)</i>	telecommunication	ons;	 	\$10.00
<i>(c)</i>	spectrum		 	\$10.00
for eac	ch inspection.			

- (2) The following fee is payable for
- (a) inspection of a Spectrum Plan; and ... \$10.00
- (b) a copy of a Spectrum Plan ... \$10.00.
- **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

Column 1 Column 2

Spectrum Frequencies		Appli	cation Fee payable per frequency
tha	Spectrum Frequencies for Networks other n those specified in paragraphs (2), (3), (4), and (6) with a bandwidth		
(a)	of 25 KHz or less	\$	200.00
(b)	of more than 25 KHz but less than 500 KHz	\$	500.00
(c)	of 500 KHz or more but less than 1 MHz	\$	1 200.00
(d)	of 1 MHz or more but less than 20 MHz	\$	3 000.00
(e)	of 20 MHz or more	\$	6 000.00
2. Sate	ellite Downlink Frequencies	\$	600.00 per band
3. Spe	cial Spectrum Licence Pool Frequencies	\$	50.00 for maximum use of 10 days
4. Fixe	ed Satellite Earth Station	\$	500.00

C5 L.R.O. 2007

(Regulation 3)

$P_{ART\,II}$

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:		rrequency		
(a)	excli	usive use with a bandwidt	th:	
	(i)	of less than 1 MHz		 \$500.00 per 25KHz of occupied bandwidth or part thereof
	(ii)	of 1 MHz 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)	share	ed use with a bandwidth:		
	(i)	of less than 300 KHz		 \$200.00 per 25KHz of occupied bandwidth or part thereof
	(ii)	of 300 KHz or more but less than 20MHz		 \$4 000.00
	(iii)	of 20MHz or more		 \$8 000.00
2. Sate	llite D	ownlink Frequencies		 \$ 600.00

Column 1 Column 2

	Ele	ectromagnetic 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) \text{of more than 50MHz} \qquad \dots \ \dots \ \dots \\$	\$300.00 \$600.00	
	4.	Block of Assigned Frequencies for Multi- channel Radiocommunnication networks and systems	\$ 20.00	
	5.	Maritime Band (Fishing Boats only)		
	6.	Amateur Band		
	7.	Government Entities		
	8.	CERO		
	9.	CDERA	NIL	
1	0.	United Nations		
1	1.	Embassies or High Commissions		
1	2.	Family Radio Service (FRS)		
1	3.	Emergency Services		
1	4.	Fees for Special Spectrum Licence		
2006/92. 1	5.	Trunking Networks	\$200 per pair of frequencies (transmit and receive)	

(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:

 $\label{eq:k1} {\rm K_1 log10 \ [Pnom \ Watts/25Watts)} + ({\rm K_2 log_{10}(P_{tot}-1000)/25Watts}] \ x \ [BW(KHz/8.5]x500]$ 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

 2003/99. 2004/109. 2006/92. 2008/39.

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

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

2. INTERNATIONAL, MOBILE, FIXED WIRELESS, VOICE OVER INTERNET PROTOCOL AND FIXED SERVICE AND NETWORK **PROVIDERS**

2006/92.

Category of Licence	Application Fee	Annual Operating Fee
International & Mobile	\$5 000	\$750 000 for the first year and thereafter 3% of *adjusted revenue for licensable activity or \$750 000, whichever is greater
International (new)	\$5 000	\$375 000 for the first year and, thereafter, 1.5% of *adjusted revenue for licensable activity or \$375 000, whichever is greater
Fixed	\$5 000	\$375 000 for the first year and thereafter 1.5% of *adjusted revenue for licensable activity or \$375 000, whichever is greater
Fixed Wireless	\$5 000	\$20 000 for the first year and thereafter 1.5% of *adjusted revenue for licensable activity or \$375 000, whichever is greater
Class 1 Voice over Internet Protocol (VoIP)	\$5 000	\$375 000 for the first year and, 2008/39. thereafter, 1.5% of *adjusted revenue for licensable activity or \$375 000, whichever is greater
Class 2 Secondary Line Voice over Internet Protocol (VoIP)	\$2 500	\$187 500 for the first year and, thereafter, 0.75% of *adjusted revenue for licensable activity or \$187 500, whichever is greater

^{*}To be adjusted for interconnection charges paid to any carrier.

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

Category of Licence	Application Fee	Annual Operating Fee
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

4. LAND MOBILE RADIO-COMMUNICATION SERVICES

Category of Licence	Application	Annual Operating Fee
Public Telecommunications:	7 00	Гее
Base or Fixed Station	NIL	\$ 72.00
Mobile or Handportable Station	NIL	\$ 54.00
Repeaters	NIL	\$600.00
Commercial Trunked Radio- communication Networks Licence Commercial Trunked Radio- communications Services Licence	\$500	\$10 000 or 0.5% of AGTO of business whichever is greater.
Wide Area Public Network Licence	\$100.00	\$1 000.00 per group of 50 stations or part there- of (for portable or mobile stations). \$200.00 per base or repeater station
	Public Telecommunications: Base or Fixed Station Mobile or Handportable Station Repeaters Commercial Trunked Radio- communication Networks Licence Commercial Trunked Radio- communications Services Licence Wide Area Public Network Licence	Public Telecommunications: Base or Fixed Station NIL Mobile or Handportable Station NIL Repeaters NIL Commercial Trunked Radio- communication Networks Licence Commercial Trunked Radio- communications Services Licence

Not allowed until Phase III. AGTO means Annual Grosss Turn over

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Category of Licence	Application Fee	Annual Operating Fee
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
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

Category of Licence	Application Fee	Annual Operating Fee
Private Telecommunications:		
Wide Area Private Network Licences	\$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 (portable or mobile stations) \$50.00 per base or

6. TELECOMMUNICATION ACCESS BUREAU SERVICE PROVIDERS

repeater station

Category of Licence	Application Fee	Annual Operating Fee
(1) Cyber-Cafes		
(2) Telephone Bureau	\$300.00	NIL
(3) Multipurpose Community Telecentres (MCTs)		

7. FIXED AND MOBILE SATELLITE SERVICES VERY SMALL APERTURE TERMINALS (VSAT)

Category of Licence	Application Fee	Annual Operating Fee
Public Commercial Satellite Uplink Downlink Gateway Services	\$500.00	1% of AGTO of Business or \$20 000.00 whichever is greater
Commercial VSAT Network Operato	r \$300.00	1% of AGTO plus \$300.00 per VSAT

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Category of Licence	Application Fee	Annual Operating Fee
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 2005/141. \$20 000.00, 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
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

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 Note: Cable & Wireless International Network until Phase III.

8. PUBLIC DATA COMMUNICATIONS SERVICE AND NETWORK **PROVIDERS**

2004/109.

Category of Licence	Application Fee	Annual Operating Fee
Public Data Communications Network Licences		
Public Data Communications Network Licences	\$300.00	1% of the AGTO or \$20 000 whichever is greater

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9. PRIVATE FIXED TELECOMMUNICATIONS NETWORKS

Category of Licence	Application Fee	Annual Operating Fee
Private Fixed Telecommunications Network Services	\$300.00	\$30 000.00
10. INTERNET BACKBONE SERVI	CES	
Internet Services	\$500.00	1% of the AGTO or \$20 000.00 whichever is greater
11. SPECIAL PURPOSE STATION		
Category of Licence	Application Fee	Annual Operating Fee
Special Purpose Station Services	\$100.00	\$30.00
12. AERONAUTICAL AND SHIP ST	TATIONS	
Category of Licence	Application Fee	Annual Operating Fee
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) Non-fishing Vessels (up to 16	NIL	\$ 20.00
metres)	NIL	\$ 60.00
Coast (Fixed) Stations	NIL	\$200.00

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

Category of Licence	Application Fee	Annual Operating Fee
Citizens Band		
Base	NIL	\$ 60.00
Mobile or Handportable		\$ 45.00
Models Aeroplanes, Boats, Racing Cars, Trains	NIL	\$ 30.00
Radio Amateur	NIL	\$ 30.00 initially then \$15.00 per supplementary endorsement
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	NIL 2005/141.

 $^{^{1}}$ Domestic 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.

(Regulation 4(2))

Part II

APPLICATION FEES FOR RADIO COMMUNICATIONS APPARATUS AND RADIO COMMUNICATIONS EQUIPMENT

14. SELLERS AND DEALERS

	Category of Licence	Application Fee	Annual Operating Fee
(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		
	Category of Licence	Application Fee	Annual Operating Fee
Vide	eo Clubs	NIL	\$600.00

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

Category of Licence	Application Fee	Annual Operating Fee
Wide Area	\$500.00	\$20 000.00 or
Local Area	\$500.00	1% of AGTO of Business whichever is the greater

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

Ca	ntegory of Licence	Application Fee	Annual Operating Fee
(1) Point	-to-Multipoint Links		
(a)	Unidirectional	\$ 50.00	\$1 000.00
(b)	Bidirectional	\$ 50.00	\$ 100.00
(2) Point	-to-Point Links		
(a)	Microwave Radio Relay Links	\$500.00	
(b)	Studio (STLs)-to-Transmitter (TX) Links		Bandwith (B/W) of 1MHz to less than 5MHz: \$4 000.00
			"of 5MHz to less than 10MHz: \$8 000.00
			"of 10MHz to less than 15MHz: \$20 000.00
			"of 15MHz to less than 20MHz: \$28 000.00
			"of 20MHz to less than 25MHz: \$34 000.00
			"of 25MHz to less than 30MHz: \$40 000.00
			"of 30MHz to less than 40MHz: \$48 000.00
			"40MHz and greater \$60 000.00

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18. CUSTOMER EQUIPMENT

Category of Licence	Application Fee	Annual Operating Fee
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

2003/94. 19. CENTRAL OFFICE CODE - NUMBERING

Category of Licence	Application	Annual Operating
	Fee	Fee
Central Office Code -		
Numbering	NIL	\$200.00 per Code

2006/92. **20. SUBMARINE CABLE SERVICES PROVIDERS**

Category of Licence	Application Fee	Annual Operating Fee
Service Provider to lease circuits wholesale to other licensed inter-		
national carriers on broadcasters	NIL	\$30,000

2006/92. **21. DOMAIN NAME ADMINISTRATION**

Category of Licence	Application Fee	Annual Operating Fee
Top level domain name "bb" administration	NIL	\$120 per domain name

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22. VOICE OVER INTERNET PROTOCOL (VoIP)

2006/92.

Category of Licence	Application Fee	Annual Operating Fee
Cyber Cafés - up to 30 computer stations or VoIP equipment	NIL	\$100
Cyber Cafés - greater than 30 computer stations or VoIP equipment	NIL	\$187 500 for the first year and thereafter 0.75% of *adjusted revenue for licensable activity or \$187 500, whichever is greater.

^{*}To be adjusted for interconnection charges paid to any carrier.