

REPUBLIC OF THE GAMBIA

**WIRELESS TELEGRAPHY
(REGULATORY CHARGES FOR
COMMUNICATION FACILITIES AND
SERVICES) REGULATIONS, 2019**

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REPUBLIC OF THE GAMBIA

TELEGRAPH STATIONS ACT, 1913

CAP 74:01, VOL. 12 LAWS OF THE GAMBIA, 2009

**WIRELESS TELEGRAPHY 9 REGULATOR CHARGES FOR COMMUNICATION
FACILITES AND SERVICES0 REGULATIONS,**

2019

IN EXERCISE of the powers conferred on the Minister by Section 12 of the Telegraph Stations Act 2005, these Regulation is made.

1. Citation and Commencement

These Regulations may be cited as the Wireless Telegraphy (Regulatory Charges for Communication Facilities and Services) Regulations, 2018 and shall be deemed to have come into effect on the first day January 2019.

2. Application

The Information Communications Technology facilities and facilities specified in the schedule to these Regulation are subject to the changes also set out in the schedule.

SCHEDULE

INFORMATION COMMUNICATIONS TECHNOLOGY FACILITIES AND SERVICE CHARGES

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
1	RADIO FM BROADCASTING				
1.1	Radio FM Broadcasting Public/Commercial (Greater Banjul Area)	3	40,000.00	10,000.00	Note: 1, See Annex 1
1.2	Radio FM Broadcasting Commercial Outside GBA (Rural)	3	20,000.00	5,000.00	Note: 1, See Annex 1
1.3	Radio FM Broadcasting (Community)	3	0	Gratis	2,500.00
1.4	Radio FM Broadcasting (Non-commercial – Institutional / Academia)	3	5,000.00	5,000.00	Note: 1, See Annex 1
1.5	Radio FM Broadcasting (Countrywide coverage - retransmission)	3	40,000.00	10,000.00	Note: 1, See Annex 1
1.6	Studio to Transmitter Link (STL) for Radio	3	N/A	N/A	D3,000.00

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Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
2	TELEVISION BROADCASTING				
2.1	Television Broadcasting (Content Provider - Pay TV) Terrestrial	5	500,000.00	Up to 1.5% of annual turn over	N/A
2.2	Television Broadcasting (Content Provider - Free-to-Air TV) Terrestrial	5	300,000.00	Up to 1.5% of annual turn over	N/A
2.3	Television Broadcasting (Content Provider - Pay TV) Satellite	5	500,000.00	Up to 1.5% of annual turn over	N/A
2.4	Television Broadcasting (Content Provider - Free-to-Air TV) Satellite	5	300,000.00	Up to 1.5% of annual turn over	N/A
2.5	Internet Protocol (IPTV) (Content Provider)	5	50,000.00	Up to 1.5% of annual turn over	N/A
2.6	Digital Terrestrial Television (Signal Distributor)	5	750,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1
2.7	Studio to DTT Multiplex / Headend Link (STL) for TV	5	N/A		D5,000.00

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
3	WIRELESS CELLULAR OPERATORS				
3.1	Cellular operators in GSM Bands 900MHz, 1800MHz, EGSM 900MHz and 3G 2100MHz	20	40,000,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1
3.2	Fixed Wireless Network	10	20,000,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1
3.3	MVNO	10	10,000,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1
3.4	Value Added Network Service Provider	5	450,000.00	Up to 1.5% of annual turn over	N/A

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
4	FIXED LINE OPERATOR (NATIONAL BACKBONE)				
4.1	Fix Line Operator	20	2,250,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
5	INTERNATIONAL GATEWAY				
5.1	Data Gateway	1	450,000.00	Up to 1.5% of annual turn over	N/A
5.2	Voice Gateway	1	1,250,000.00	Up to 1.5% of annual turn over	N/A

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
6	VSAT TERMINALS				
6.1	VSAT for Corporate Commercial use (Class A)	1	2,250,000.00	N/A	100,000.00
6.2	VSAT for Public use Non-commercial (Class B)	1	750,000.00	N/A	100,000.00
6.3	VSAT Commercial Third-Party Service uses (Class C)	1	11,250,000.00	Up to 1.5% of annual turn over	100,000.00

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Regulatory Fee (GMD)	Annual Spectrum Fee (GMD)
7	INTERNET SERVICE PROVIDERS				
7.1	Internet Service Providers	5	130,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1
7.2	Internet Service Providers (Exclusive Rural)	5	65,000.00	Up to 1.5% of annual turn over	Note: 1, See Annex 1

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Equipment Fee (GMD)	Annual Spectrum Fee (GMD)
8	HF/VHF/UHF COMMUNICATION Fixed & Land mobile Services			Equipment Charges	
8.1	HF Fixed & Land Mobile Station (per Base Station / Repeater / Handset)	1	2,500.00	3000.00 per Handset 6,000.00 per Base Station, In car Mobile or Repeater	3,000.00 per Simplex Channel 6,000.00 per Duplex Channel
8.2	VHF Fixed & Land Mobile Station (per Base Station / Repeater / Handset)	1	2,500.00	3000.00 per Handset 6,000.00 per Base Station, In car Mobile or Repeater	3,000.00 per Simplex Channel 6,000.00 per Duplex Channel
8.3	UHF/SHF Fixed & Land Mobile Stations (per Base Station / Repeater / Handset)	1	2,500.00	3000.00 per Handset 6,000.00 per Base Station, In car Mobile or Repeater	3,000.00 per Simplex Channel 6,000.00 per Duplex Channel
8.4	Amateur Radio License	1	2,000.00	N/A	N/A
8.5	Citizens Band Radio Station	1	1,000.00	N/A	N/A

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Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Spectrum Fee (GMD)	
9	Maritime Services				
9.1	Marine HF & VHF Fixed & Mobile Stations	1	10,000.00	20,000.00	
9.2	MMSI Number			20,000.00	
9.3	Call Sign			20,000.00	

Item Nr	Type of Service Operated	License Duration (Years)	Annual License Fee (GMD)	Annual Equipment Fee (GMD)	Annual Spectrum Fee (GMD)
10	Aeronautical Services			Equipment Charges	
10.1	Aeronautical HF/VHF/UHF Fixed & Mobile Stations	1	10,000.00	3000.00 per Handset 6,000.00 per Base Station, In car Mobile or Repeater	10,000.00 per simplex channel & 20,000.00 per duplex
10.2	Aeronautical Stations - Commercial (Control Station)	1	10,000.00	3000.00 per Handset 6,000.00 per Base Station, In car Mobile or Repeater	10,000.00 per simplex channel & 20,000.00 per duplex
10.3	Aeronautical Ground Stations (Airlines)	1	10,000.00	3000.00 per Handset 6,000.00 per Base Station, In car Mobile or Repeater	10,000.00 per simplex channel & 20,000.00 per duplex

Item Nr	Digital Dividend Spectrum Band	License Duration (Years)	Annual License Fee (GMD)	K - Factor	Spectrum Per Channel / Block Bandwidth (MHz)	Annual Spectrum fee per 10MHz (GMD)
11	Digital Dividend Spectrum					
11.1	800 MHz Band	Same as operational license	N/A	7	10	2,100,000.00
11.2	700 MHz Band	Same as operational license	N/A	6	10	1,800,000.00
Item Nr	Type of Service Operated	Failure to meet the threshold for each published 2G KPI in the QoS Guidelines (GMD)	Failure to meet the threshold for each published 3G KPI in the QoS Guidelines (GMD)	Publication and Charging Periods		
12	Quality of Service					
12.1	Mobile Services	20,000.00	10,000.00	Quarterly		

ANNEX 1

1: SPECTRUM FEES FOR MICROWAVE RADIO FREQUENCIES

Radio Transmission Links

Price per Hop = $(U) \times (F_1) \times (F_2) \times (N)$ per Annum

Unit price = GMD 5,000.00

N = Total number of RF Channels

F1 = Band Factor

0.3 = 5 GHz Band

0.45 = 4.8 GHz Band

1.0 = 6/7/8 GHz Band

0.9 = 10 - 11 GHz Band

0.8 = 13 GHz Band

0.7 = 15 — 18 GHz Band

0.5 = 19 — 25 GHz Band

0.4 = 25 - 30 GHz Band

F2 = Bandwidth Factor

1 = 3.5 MHz

3 = 7 - 10 MHz

4 = 14 MHz

6 = 20 MHz

8 = 27- 28 MHz

12 = 40 MHz

16 = 56 MHz

Formula

Microwave Link - Backhaul Frequency in the 13 GHz band

Price per Hop = $(U) \times (F_1) \times (F_2) \times (N)$

U = Unit price **5,000.00**

F1 = Band factor = **0.8**

F2 = Bandwidth factor = **8**

N = **8** Channels

U x F1 x F2 x N = Spectrum Fees

5,000 x 0.8 x 8 x 8 = **D256,000.00 (per annum)**

2: SPECTRUM FEES FOR ACCESS FREQUENCIES

Fixed Wireless Access and Mobile Services

Spectrum fees = (U)x(B)x(K) per Tier

U= Unit price:

Tier 1 = GBA = D30,000.00 / MHz / annum

Tier 2 = provinces = D15,000.00 / MHz / annum (Where service is going to be provided exclusively in the rural area) [Not Applicable for FM Radio]

B= Assigned Bandwidth (spectrum size in MHz)

K= Band Factor

0.3 for 3.3 - 3.8 Gz Band

1.5 for 1.9 to 2.1 GHz band

1.3 for 1.8 GHz band

1.25 for 900 MHz band

0.25 for 2.2 – 2.7 GHz band

0.33 for 10.5 GHz band

0.5 for 470 - 698 MHz band (Any frequency / transmitter in the rural area will have a K factor of '0.2')

0.2 for 174 - 223 MHz band (Any frequency / transmitter in the rural area will have a K factor of '0.1')

0.6 for 450 MHz band for CDMA

1.5 for 800 MHz band for CDMA

1.4 for 87.5 - 108 MHz band (Any FM Radio frequency / transmitter in the rural area will have a K factor of '0.7')

0.05 for 5.0 GHz band

6 for 700 MHz **DD2** band

7 for 800 MHz **DD1** band

**Formula
Access Frequencies**

Spectrum fees = (U)x(B)x(K) per Tier

U= Unit price:

Tier 1 = GBA = **D30,000.00** / MHz/annum

B = Assigned Bandwidth (spectrum size in MHz) **20 MHz** in the **3.3 GHz** band

K = Band Factor (**Weight**)

For ISP & GSM

I. Access Frequency - 20 MHz in the 3.3 GHz band

U x B x K = Spectrum Fee

30,000 x 20 x 0.3 = **D180,000.00** (per annum)

II. 18 MHz in the GSM1800 MHz band

U x B x K = Spectrum Fee

30,000 x 18 x 1.3 = **D702,000.00** (per annum)

III. For FM Radio (GBA 1 transmitter site)

U x B x K = Spectrum Fee

30,000 x 0.3 x 1.4 = **D12,600.00** (per annum)

IV. For FM Radio (Rural 1 transmitter site)

U x B x K = Spectrum Fee

30,000 x 0.3 x 0.7 = **D6,300.00** (per annum)

Dated: THIS 29TH DAY OF MAY 2019.

**HON. EBRIMA SILLAH
MINISTER OF INTERNATION AND COMMUNICATION
INFRASTRUCTURE**

