

# **NATIONAL COMMUNICATIONS AUTHORITY**



## **PUBLIC CONSULTATION ON THE REVIEW OF THE NCA SCHEDULE OF FEES AND CHARGES**

**APRIL 2025**

## NATIONAL COMMUNICATIONS AUTHORITY

### INVITATION FOR COMMENT

1. The National Communications Authority (NCA) is reviewing its current Schedule of Fees and Charges in accordance with Section 3 of the Fees and Charges (Miscellaneous Provisions) Act, 2022 (Act 1080).
2. In line with our mandate under Section 27 of the Electronic Communications Act, 2008 (Act 775) and Section 4.1 of the National Telecommunications Policy 2005 (NTP'05), we invite views and comments from Licensed Service Providers, Broadcasters, consumers of Information and Communication Technology services, and the general public regarding the revised Schedule of Fees and Charges.
3. Written comments can be accessed and submitted via the NCA website at [www.nca.org.gh](http://www.nca.org.gh).
4. The public consultation is effective immediately and will close on 20<sup>th</sup> June, 2025.
5. Please submit all responses as email attachments in Microsoft Word format to [sofac@nca.org.gh](mailto:sofac@nca.org.gh).
6. All submissions must include a completed response cover sheet (refer to Page iii of the document).
7. We encourage respondents to specify the sections with which they agree or disagree.
8. In the interest of transparency, all responses will be considered non-confidential and will be published on our website upon receipt.
9. By submitting your response, you grant the NCA the right to use the copyright and any associated intellectual property contained in your submission to meet its legal obligations.
10. Following the conclusion of the public consultation, the NCA will finalize the revised Schedule of Fees and Charges and forward same to the Minister for Finance in accordance with Section 3 of the Fees and Charges (Miscellaneous Provisions) Act, 2022 (Act 1080).

**Issued by**  
**The Acting Director General,**  
**5<sup>th</sup> May, 2025**

## COVER SHEET FOR RESPONSE TO NCA PUBLIC CONSULTATION ON THE NCA SCHEDULE OF FEES AND CHARGES

### BASIC DETAILS

Name of respondent:

Representing (self or organisation/s):

Physical Address:

Digital Address:

Email Address:

Telephone Number:

### DECLARATION

I hereby confirm that the correspondence accompanying this cover sheet constitutes a formal consultation response. I consent to its full publication on the NCA website and authorize the NCA to utilize the information contained herein to fulfill its legal obligations. In the event that this response is transmitted via email, any standard disclaimer regarding the non-disclosure of email content and attachments shall be disregarded by the NCA.

Name:

Signed (if hard copy)



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## List of Abbreviations

BMC	Broadcasting Monitoring Center
BSC	Base Station Controller
BTS	Base Transceiver Station
BWA	Broadband Wireless Access
CCTV	Closed Circuit Television
CDMA	Code Division Multiple Access
CERT	Computer Emergency Response Team
CLS	Cable Landing Licence (Submarine)
CP	Common Platform
CUGSL	Closed User Group Service Licence
DCS	Distributed Control System
DECT	Digital Enhanced Cordless Telecommunications
DIN	Device Identification Number
DTT	Digital Terrestrial Television
ECE	Electronic Communications Equipment
ECMSL	Electronic Communications Managed Service Licence (ECMSL)
FM	Frequency Modulation
GIFEC	Ghana Investment Fund for Electronic Communication
GSM	Global System for Mobile Communication
HF	High Frequency
IASP	Internet Access Service Provider
ICH	Interconnect Clearing House
ICT	Information Communication Technology
INSP	Internet Network Service Provider
IoT	Internet Of Things
IP	Internet Protocol
IPTV	Internet Protocol Television
ISM	Industrial, Scientific and Medical
ISP	Internet Service Provider
IWCLs	International Wholesale Carrier Licensees
IXP	Internet Exchange Point
LMR	Land Mobile Radio
LPWAN	Low-Power Wide Area Network
M2M	Machine To Machine
MNOs	Mobile Network Operators
MoC	Ministry of Communications
MOCDTI	Ministry of Communications Digital Technology and Innovation
MSC	Mobile Switching Centre Server

MVNOs	Mobile Virtual Network Operators
NCA	National Communications Authority
NDC	Network Destination Code
NTP'05	National Telecommunications Policy, 2005
PABX	Private Automatic Branch Exchange
PBX	Public Branch Exchange
PDA	Personal Digital Assistant
PHS	Personal Handy-phone System
PIC	Provider Identification Number
POS	Point Of Sale
PSTN	Public Switched Telephone Network
PTMP	Point to MultiPoint
PTP	Point to Point
RFID	Radio Frequency Identification
RIPS	Research, Innovation, Policy & Strategy
SCADA	Supervisory Control And Data Acquisition
SCLSL	Submarine Cable Landing Station Licence
SCSL	Submarine Cable System Licence
SHF	Super High Frequency
SMS	Spectrum Monitoring System
TVRO	Television Receive - only
UHF	Ultra High Frequency
UTP	Unshielded Twisted Pair
VAS	Value Added Service
VHF	Very High Frequency
VSAT	Very Small Aperture Terminal
WLAN	Wireless Local Area Network

# 1. INTRODUCTION

## 1.1 Background

The National Communications Authority (NCA) is the central body for the licensing and regulation of electronic communications activities and services in the Republic of Ghana. Section 20(1)(a) of the National Communications Authority Act, 2008 (Act 769), establishes fees, charges, and other monies payable under the law as the primary source of funding for the NCA among others.

The NCA is mandated by Section 82 of the Electronic Communications Act, 2008 (Act 775) to charge fees for individual licences, class licences, special licences, frequency authorisations, and for providing any documents or services to the public. The law requires that NCA fees be commensurate with the cost of performing the Authority's functions, administering the licences or frequency authorisations, and providing the respective services. The fee may also reflect the economic value of the licence.

Section 2 of the Fees and Charges (Miscellaneous Provisions) Act, 2022 (Act 1080) transferred the power to determine fees and charges to the Minister responsible for Finance. The NCA is required by section 3 of Act 1080 to review its fees and charges annually to make them relevant to current economic conditions.

The fees currently charged by the Authority for most services were last reviewed in 2016. The economic conditions have changed significantly since the last review of fees compelling the Authority to review its fees to enable it to fund its operations.

It is against this background that the NCA is reviewing its existing fee structure. Before submitting the revised fees to the Ministry for Finance through the Ministry of Communications, Digital Technology, and Innovation for Parliamentary approval, the NCA is seeking stakeholder feedback.

## 1.2 Objectives

The overall objective of the review is to examine the fees charged by the NCA for various services under its regulatory mandate, considering the legal and policy framework governing the communications industry as well as the operational costs of the Authority. To achieve this, the review focuses on:

- (i) Evaluating all fees currently charged within the communications industry;
- (ii) Identifying additional chargeable fees that are not included in the existing Schedule of Fees;
- (iii) Benchmarking these fees against those in other countries; and
- (iv) Determining appropriate future increments in light of inflation, administrative costs, and communications deployment factors.

### 1.3 Methodology for Revision of the Fees

NCA fees are categorised as follows:

- **Application Fees:** Paid at the time of submitting the application.
- **Licence/Authorisation Fees:** Paid before the issuance of the licence or authorisation, following successful application review.
- **Annual Regulatory Fees:** Charged annually to licence or authorisation holders, where applicable.
- **Annual Spectrum Fees:** Levied annually for the use of frequency spectrum.

In reviewing the existing Schedule of Fees and Charges, the NCA considered several factors:

- a) The overall costs incurred in managing regulated services, emerging services, and the frequency spectrum.
- b) The economic cost of human resources dedicated to monitoring and ensuring compliance.
- c) The significant expansion of the NCA's regional presence, currently covering eight out of sixteen regions, to enhance consumer relations.
- d) The costs associated with monitoring licensed and regulated services, including the operation of the Broadcasting Monitoring Center (BMC), Common Platform (CP), Computer Emergency Response Team (CERT), Spectrum Monitoring Systems (SMS), Automated Spectrum Management System (ASMS), Quality of Service Monitoring Systems, Type Approval Testing Laboratories, and the Numbering Resource Management System.
- e) Benchmarking against fees charged by other regulatory bodies to ensure best practices.
- f) The need to adjust fees to reflect the economic cost of doing business, including inflation and exchange rate fluctuations.
- g) Additional relevant methodologies for determining fees and charges.

This comprehensive review and analysis underpin the proposed revisions to the fee structure, ensuring that fees remain fair, transparent, and reflective of the economic realities of providing high-quality regulatory services.

### 1.4 List of Services with Reviewed Fees

The services and frequency authorisations that have been affected by this fee review are as follows:

- |                          |   |
|--------------------------|---|
| 1. Internet/Public Data  | 2. Microwave Point to Point and Point to Multipoint Frequency Authorisation |
| 3. Fixed and Land Mobile | 4. Sound Broadcasting (FM Radio)  |
| 5. Maritime Radio        | 6. Aeronautical Radio   |

- |  |  |
|--|--|
| 7. Dealership  | 8. Value Added Service   |
| 9. Numbering Resource  | 10. Importation Charges  |
| 11. Tower Infrastructure   | 12. Submarine Carrier Service Licence  |
| 13. Request for data   | 14. Search Report/Due diligence on Licensees/Authorisations Holders/Certificates |
| 15. Inspection of Frequency register                             | 16. Inspection of Register of interest   |
| 17. Mergers, Acquisition and Transfer of Licence / Authorisation | 18. TV Whitespace and Unlicensed Bands Frequency Authorisation                   |
| 19. Television Broadcasting                                      | 20. Internet Exchange Point  |
| 21. Amateur Radio  | 22. Request for copies of lost Licences/Authorisation/ Certificates              |
| 23. Type Approval  | 24. Second Inspection  |
| 25. Terrestrial Fiber Infrastructure                             |  |

### 1.5 Proposed Amendments to the Annual Regulatory Fees of Some Services

Based on the considerations in section 1.2 above, the NCA proposes the following:

- i. For Mobile Network Operators (MNOs) and other applicable service providers, an amendment of the annual regulatory fee from 1% to 1.5% of the Net Revenues as defined in the Licence.
- ii. For Internet Service Providers, Value Added Service providers, and Electronic Communication Equipment Dealers - Class E (Manufacturing/Assembling) amendment of the annual regulatory to the following:
  - a. 1% (or 1.5% if approved) of the Net Revenues, or the existing Annual Regulatory fee, whichever is higher.

## 2.0 INTRODUCTION OF NEW SERVICE CATEGORIES

As part of the NCA's processes to streamline the internet service regime and the Telecom ecosystems, the Authority proposes new service categories as follows:

### 2.1 Internet/Public Data Service (Regional)

This authorisation is granted to Internet Service Providers (ISP), who provide end-user connectivity **within a specific region**. In this context, "end-users" refers to individuals, households, and businesses. These operators are responsible for managing the end-user network and the network edge, routing IP packets from connected devices to the broader Internet.

The primary responsibility of these providers is to establish Internet connectivity for end-users. For the purposes of the fee structure, this service is categorised by geographic regions.

*(For more details, please refer to section 3.1 and 3.2 for proposed fees).*

### 2.2 Internet Reseller

This authorisation is granted to an agent who delivers end-user connectivity by utilizing the network and infrastructure of another authorised service provider. The primary responsibility of these providers is to connect end-users to the Internet, without the need to maintain their own network or infrastructure.

*(For details on fees, please refer to section 3.2).*

### 2.3 Network Service Providers

This authorisation is for Internet Service Providers who wish to offer packet-forwarding services without direct interaction with end-user networks. Services provided under this category include IP services, transit services, and backbone services.

This authorisation allows providers to offer Internet services to other service providers in various categories. These providers may lease or rent services from infrastructure providers to deliver their offerings. It includes international transit capacity services and local transit services. The authorisation can be granted to entities (either members or non-members of a submarine operator consortium) that operate services such as wholesale Internet capacity, leased circuits, or affiliated services for network service providers, Internet Access Service Providers (INSP), or corporate clients. It also includes backbone service providers.

*(For details on fees, please refer to Table 2).*

## 2.4 Internet Exchange Point (IXP)

This authorisation is granted to operators of an Internet exchange within the country. The exchange facilitates peering for all Authorised service providers. The authorization permits the establishment, management, and operation of an exchange point where ISPs can interconnect and engage in mutual peering arrangements.

Building, managing and operating a peering interconnection infrastructure for INSPs.

## 2.5 Value Added Services (VAS) - Categorised

Value Added Services (VAS) refer to any service that meets one or more of the following criteria:

### *i. Integration with Telecommunications:*

It is a service that integrates one or more application elements with telecommunications capabilities where telecommunications is defined as the transmission, emission, or reception of signals, writings, pulses, images, sounds, or any other form of intelligence by means of wire, radio, terrestrial or submarine cables, optical or electromagnetic spectrum, or by any other technologically equivalent method.

### *ii. Enhancement of Core Services:*

It enhances or augments the basic core teleservices—herein referred to as “core services”—which include, but are not limited to, standard voice calls, voice and non-voice messages, fax transmissions, and data transmissions. The enhancement may be effected by modifying a communication, restructuring, adding to, supplying additional information to, or permitting interactive access to information.

### *iii. Exclusion of Public Electronic Communications Services:*

It expressly excludes any service that qualifies as a “public electronic communications service.” For the purposes of this definition, a public electronic communications service is understood to mean an electronic communications service provided to the general public—such as a public telephone service—which enables one user to communicate with another regardless of the technology used. A service shall not be deemed a Value Added Service if it functions solely as the direct, unaltered provision of such public communications (including the direct transport and switching of voice telephony in real time from or to network termination points).

### *iv. Inclusion of Over-the-Top Applications:*

Any over-the-top (OTT) *application* that delivers add-on functionality—such as video on demand, voice on demand, streaming services, digital financial services, electronic or digital commerce services, and similar interactive or information-enhancing services—via an internet-based or analogous network, in conjunction with or layered upon underlying telecommunications facilities, is hereby recognized as a Value Added Service. This

inclusion applies notwithstanding the fact that these applications may operate on networks initially established for core telecommunications purposes.

As a result of the above, Value Added Services (VAS) have been reclassified into four (4) categories, as outlined below:

- i. Class A: (Content and Application Services)
- ii. Class B: Platform and Machine to Anything Services (IoT User)
- iii. Class C: Aggregators and Gateway Services
- iv. Class D: Digital Financial Services

Please refer to section 3.11 and Table 15 below for more details on proposed fees.

## **2.6 SIM & Mobile Money Agent Services (Light VAS)**

The licence is designed for all entities involved in the mobile money and SIM distribution ecosystem. This includes: SIM & Mobile Money Merchants and Agents, Entities that distribute SIM cards, including both traditional physical SIM cards and eSIMs and, Airtime vendors and those providing related value-added services such as e-vouchers and e-ticketing.

Please refer to section 3.11 and Table 15 below for more details on proposed fees.

## **2.7 Submarine Carrier Services**

This Licence is granted companies that intends to sell bandwidth capacity and terminate traffic directly to companies in Ghana.

There are two (2) Categories;

- i. The first category is for consortium members who actively engage in the local market by selling bandwidth, terminating traffic, offering services directly to operators or businesses in Ghana without the licensed landing party.
- ii. The second category is for ISPs, which consortium members intend to sell capacity through.

*(For details on fees, please refer to Table 26).*

## **2.8 Connecting Entity Services**

This Licence will be issued to service providers to provide 5G services to end-users using the Wholesale Electronic Communications Infrastructure. The service licence will largely prioritize conditions for quality of service and consumer satisfaction to ensure that consumers receive the best levels of service quality.

*(For details on fees, please refer to Table 27).*

## 2.9 Internet of Things (IoT) Services

IoT Network Connectivity Provider is the entity establishing and operating network connectivity, which supports IoT services. This includes both cellular and non-cellular LPWAN and satellite networks. An IoT Platform Service Provider is an entity that delivers comprehensive solutions for managing, monitoring, and analysing Internet of Things (IoT) devices and networks. Service include data ingestion & processing and integration.

*(For details on fees, please refer to Table 28).*

## 2.10 Electronic Communications (Private Network) Services

Authorisation to build, own and provide electronic communications infrastructure to satisfy its internal electronic communication needs and operate without interconnection to a public electronic communications network that enables electronic communications to persons but may interconnect its affiliate offices or infrastructure through a public communication network provider for the purposes of communicating within the enterprise or the body corporate or any body corporate with which it is affiliated.

*(For details on fees, please refer to Table 29).*

## 2.11 Terrestrial Cable Provider (Regional)

This refers to the regional deployment of fiber optic cable infrastructure, either overland or across terrestrial water bodies, to support the delivery of telecommunications services to the public. With the introduction of the "Regional" category, there are now two main classifications of terrestrial fiber network deployments: **Nationwide** and **Regional**.

Operators in this category are responsible for building, owning, and operating the cable infrastructure. They lease or rent out capacity on this infrastructure to licensed entities who wish to offer telecommunications services, without needing to own the physical infrastructure themselves. This authorisation applies to all types of cable network infrastructure, whether installed underground or overhead. It includes fiber optic cables, coaxial cables, and even unshielded twisted pair (UTP) cables.

*(For details on fees, please refer to Table 21 and 22).*

## 2.12 Submarine Cable System (SCS)

A licence to land a submarine cable system (s) in Ghana- A licensee shall be required to land Submarine cable at a licenced open access Cable landing Station. This licence allows

any submarine cable system operator to land cable in any of the existing or new landing stations without necessarily building a landing station.

*(For details on fees, please refer to Table 24).*

### 2.13 Submarine Cable Landing Station (SCLS)

This licence allows entities to build, own and operate open access submarine landing station. The licence does not permit owners of the SCLSL to land submarine cable systems by themselves.

*(For details on fees, please refer to Table 24).*

### 2.14 Closed User Group Services

This licence is designed for entities providing a closed user group service. A Closed User Group Service is an electronic communications service exclusively available to a specific, predefined group of users. The service operates independently of public electronic communications networks, thereby ensuring that communications are limited solely to authorized members of the group. Key features include:

- **Exclusive Access:** Only members of the designated closed user group are permitted to use the service; all communications are strictly confined to this group.
- **Isolation from Public Networks:** The service is operated without any interconnection to public networks. Consequently, messages and data do not traverse or interact with broader networks accessible to the public.
- **Controlled Communication:** By eliminating external network interconnection, the service inherently enhances privacy and security, restricting communications exclusively to authorized users.

This licence is designed to support secure, internal communications for organizations such as corporations, prison service, or any other entities that require a high level of confidentiality and protection against external interference.

*(For details on fees, please refer to Table 16).*

### 3.0 LISTS OF REVIEWED FEES AND CHARGES PER SERVICE

Services classified under this category generally require frequency to operate. The services listed below and their fees and charges have been reviewed accordingly:

#### 3.1 Internet Network Service Provider (INSP)

This authorisation is granted to entities offering Internet and Data Services, along with other related services not classified under any other category within the communication ecosystem. Operators of these services may or may not own their own network. Internet service, in this context, is defined as a service provided over the Internet. At this level, the Internet service can include network services such as IP service, transit services, and backbone services.

Two (2) main categories were identified, as outlined below:

##### 3.1.1 Internet Access Services Provider

This authorisation is granted to operators who provide end-user connectivity. In this context, "end-users" refers to individuals, households, and enterprises. These operators manage the end-user network and the network edge, forwarding the IP packets from connected devices to the rest of the Internet. For more information, please visit <https://nca.org.gh/internet-public-data-service-provision/>.

The primary duty of these providers is to enable Internet connectivity for end-users.

For the purpose of the fee structure, this service is geographically sub-categorised as shown in Table 1 below:

*Table 1. List of IASP Categories*

NO.	IASP Category	Remarks
i.	Internet / Public Data Service (Nationwide)	Existing
ii.	Internet / Public Data Service (Rural)	
iii.	Internet Hotspot (three (3) districts maximum)	
iv.	<b>Internet / Public Data Service (Regional)</b>	<b>New</b>
v.	<b>Internet Reseller</b>	

##### 3.1.2 Network Services Provider

This Category is a new service.

*Please refer to section 2.3 for the definition and scope*

### 3.2 Proposed Fees for INSPs

The proposed fees for new INSP regime are shown in Table 2 below:

Table 2. Proposed fees for Internet/Public Data Services/INSP)

No	Internet/ Public Data Service	Current Applicati on Fees (GH¢ )	Propose d Applicati on Fees (GH¢ )	Current Authoris ation/ Initial Fees (GH¢ )	Proposed Authorisat ion fees (GH¢)	Current Annual Regulatory Fees (GH¢ )	Proposed Annual Regulatory Fees (GH¢)	Spectru m Fees (GH¢)
i	Internet / Public Data Service (nationwide)	1,925.00	3,500.00	19,250.00 (11,550+ 7,700)	35,000.00	7,700.00	1% of Net Revenue or 14,000.00 whichever is higher	Refer to Table 4
ii	Internet / Public Data Service (Regional)	-	1,925.00	-	Refer to Table 3	-	1% of Net Revenue or 7,700.00 whichever is higher	
iii	Internet / Public Data Service (Rural Communities )	385.00	700.00	9,625.00 (1925+ 7,700)	9,620.00	7,700.00	7,700.00	
iv	Internet Hotspot	192.50	350.00	385.00	700.00	192.5.00	350.00	
v.	Internet Reseller	-	700.00	-	3,500.00	-	1% of Net Revenue	N/A
vi.	Internet Network Service Provider (IP Transit)	-	7,000.00	-	70,000.00	-		N/A

Table 3. Proposed Authorisation fees for Internet/Public Data Services (Regional)

No.	REGION	PROPOSED AUTHORISATION FEES (GH¢)
1.	Greater Accra	7,000.00
2.	Ashanti	4,900.00
3.	Western/Western North	3,850.00
4.	Central	4,200.00
5.	Eastern	3,850.00
6.	Ahafo, Bono East, Bono	3,150.00
7.	Volta, Oti	2,800.00

No.	REGION	PROPOSED AUTHORISATION FEES (GH¢)
8.	Savannah, Northern, North East	2,100.00
9.	Upper East	1,750.00
10.	Upper West	1,400.00

### 3.3 Spectrum Fees for Licensed (PTMP), Unlicensed and TVWS Bands

Table 4. Proposed Regional Spectrum Fees

No.	Region	Current Unlicensed Band / TVWS Band Fees Per Band (GH¢)	Proposed Unlicensed Band / TVWS Band Fees (GH¢)	Current Licence Frequency bands/Microwave Point to Multipoint Fees Per MHz (GH¢)	Proposed Licence/Microwave Point to Multipoint Fees Per MHz (GH¢)
1.	Greater Accra	1,155.00	2,310.00	5,775.00	11,550.00
2.	Ashanti	1,155.00	1,617.00	5,775.00	8,085.00
3.	Western and Western North	1,155.00	1,270.50	5,775.00	6,352.50
4.	Central	1,155.00	1,386.00	5,775.00	6,930.00
5.	Eastern	1,155.00	1,270.50	5,775.00	6,352.50
6.	Ahafo, Bono East and Bono	1,155.00	1,039.50	5,775.00	5,197.50
7.	Volta, Oti	1,155.00	924.00	5,775.00	4,620.00
8.	Savannah, Northern, and North East	1,155.00	693.00	5,775.00	3,465.00
9.	Upper East	1,155.00	577.50	5,775.00	2,887.50
10.	Upper West	1,155.00	462.00	5,775.00	2,310.00

### 3.4 Microwave Point to Point Frequency

Microwave transmission refers to the transfer of information or energy via microwave radio waves. It is widely used in point-to-point communication systems on the Earth's surface, satellite communications, and deep-space radio communications. The NCA authorizes operators to use this technology. The Microwave Point-to-Point (PTP) Frequency is available to Mobile Network Operators, INSPs, and other entities authorized

by the NCA. For more information, please visit <https://nca.org.gh/microwave-authorization/>.

The formula for calculating the Microwave fee is as follows:

$$\text{Price per link} = (\text{Unit Price}) \times (\alpha) \times (\beta) \times (\gamma) \times N$$

Where;

- i.  $(\alpha)$  is Frequency Band /Factor
- ii.  $(\beta)$  is Bandwidth/Factor
- iii.  $(\gamma)$  is Re-Use of RF Channels
- iv. The current unit price of GH¢962.50 for full year and GH¢481.25 for half year has been reviewed and proposed to be adjusted to GH¢1750.00 for full year and GH¢875.00 for half year.

Table 5. Proposed fees for Microwave Point-to-Point frequency

S/N	SERVICES	Frequency Band /Factor ( $\alpha$ )		Bandwidth/ Factor ( $\beta$ )		Re-Use of RF Channels ( $\gamma$ )		Current Unit Price (GH¢)	Proposed Unit Price	Proposed Annual Spectrum Fees (GH¢)
i	Point-to-Point Microwave Link	6/7/8 GHz	1	3.5 MHz	1	1-19 Links	1	962.50 for full year and 481.25 for half year	1750 for full year and 875 for half year	For MNO's, $=\alpha*\beta*\gamma*875$ i.e. for half year
ii		11/13 GHz	0.8	7 MHz	2	20-30 Links	0.875			For Others $=N*\alpha*\beta*\gamma*1750$
iii		15/18 GHz	0.7	14 MHz	4	31-40 Links	0.75			N=number of times RF channel is used.
iv		$\geq 19$ GHz	0.5	28 MHz	8	41-50 Links	0.625			
				> 28 MHz	16	$\geq 51$ Links	0.5			

### 3.5 Television Broadcasting Services

Television broadcasting is the technology of transmitting visual images and signals with or without sound. It can be transmitted via terrestrial wireless, cable, and satellite platforms.

Details about the service can be accessed via <https://nca.org.gh/television-broadcasting/>

The fees for all Television Broadcasting Services have been reviewed with the exception of IPTV, where the fees remains unchanged to promote more uptake of the service.

Table 6. Proposed fees for Television Broadcasting Services

No	TV SERVICES	CURRENT Application Fees (GH¢)	Proposed Application Fee (GH¢)	CURRENT AUTHORISATION/ Initial Fees (GH¢)	PROPOSED AUTHORISATION FEES (GH¢)	CURRENT Annual Regulatory Fees (GH¢)	PROPOSED ANNUAL REGULATORY FEES (GH¢)	CURRENT Spectrum Fees (GH¢)	PROPOSED SPECTRUM Fees (GH¢)
i.	Digital Terrestrial Pay Television (Service Only)	38,500.00	70,000.00	192,500.00	350,000.00	134,750.00	245,000.00	N/A	N/A
ii.	Digital Terrestrial Pay Television (Service and Frequency)	38,500.00	70,000.00	192,500.00 + Cost of Frequency	350,000.00 + Cost of Frequency	134,750.00	245,000.00	11,550.00 (Per Channel Per Region)	21,000.00 (Per Channel Per Region)
iii.	Digital Terrestrial Television (Network Only)	38,500.00	70,000.00	38,500.00 + Cost of Frequency	70,000.00 + Cost of Frequency	38,500.00	70,000.00	11,550.00 (Per Channel Per Region)	21,000.00 (Per Channel Per Region)
iv.	Digital Terrestrial Free-to-Air Television Programme Channel	38,500.00	70,000.00	115,500.00	210,000.00	19,250.00	35,000.00	N/A	N/A
v.	Digital Terrestrial Free-to-Air Television Programme Channel (Regional Coverage) - Greater Accra, Ashanti and Western Regions	11,550.00	21,000.00	23,100.00	42,000.00	5,500.00	10,000.00	N/A	N/A
vi.	Digital Terrestrial Free-to-Air Television Programme Channel (Regional Coverage) - Eastern, Volta, Central, Brong Ahafo, Northern, Upper East and Upper West Regions.	7,700.00	14,000.00	17,325.00	31,500.00	3,500.00	6,365.00	N/A	N/A
vii.	Digital Terrestrial Radio Service on TV Multiplex	3,850.00	7,000.00	7,700.00	14,000.00	5,775.00	10,500.00	N/A	N/A
viii.	Satellite Television Broadcasting (Pay TV Direct-to Home Bouquet)	38,500.00	70,000.00	250,250.00	455,000.00	134,750.00	245,000.00	N/A	N/A
ix.	Satellite Television Broadcasting (Free-to-Air Direct-to-Home Bouquet)	19,250.00	35,000.00	231,000.00	420,000.00	77,000.00	140,000.00	N/A	N/A
x.	Satellite Television Broadcasting (Free-to-Air Direct-to-Home Single Channel)	7,700.00	14,000.00	96,250.00	175,000.00 (58% reduction)	28,875.00	52,500.00	N/A	N/A
xi.	Digital Terrestrial Television Additional Services (eg. Teletext, etc)	3,850.00	7,000.00	19,250.00	35,000.00	19,250.00	35,000.00	N/A	N/A
xii.	Digital Cable Television (Pay TV)	3,850.00	7,000.00	38,500.00	70,000.00	38,500.00	70,000.00	N/A	N/A
xiii.	Television over Internet Protocol (Pay TV)	3,850.00	3,850.00	192,500.00	192,500.00	134,750.00	134,750.00	N/A	N/A
xiv.	Subscriber Management Services	38,500.00	77,000.00	250,250.00	455,000.00	134,750.00	245,000.00	N/A	N/A

### 3.6 FM Radio Broadcasting Services

FM Radio broadcasting is the technology of using radio waves to carry information, in this case, sound, transmitted through space and intended for the direct reception and accessibility of the general public. For more information, please visit <https://nca.org.gh/radio-fm-broadcasting/>.

In Ghana, FM Radio broadcasting services are classified as follows:

- i. Public radio stations
- ii. Public (Foreign ) radio stations
- iii. Community radio stations
- iv. Campus radio stations
- v. Commercial radio stations

The fees for FM Radio Broadcasting services have been reviewed upwards, across board.

The proposed fees for the various categories are shown in Table 7 below:

S/N	Radio FM Broadcasting Services	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)	Current Initial Fees (GH ¢)	Proposed Initial Fees (GH ¢)	Current Annual Regulatory Fees	Proposed Annual Regulatory Fees (GH¢)	Current Annual Spectrum Fees (GH ¢)	Proposed Annual Spectrum Fees (GH¢)
i	Radio FM Broadcasting (Urban Type 1) 45km	3,850.00	7,000.00	38,500.00	70,000.00	9,625.00	17,500.00	3,080.00	5,600.00
ii	Radio FM Broadcasting (Urban Type 1) 25km	3,850.00	7,000.00	19,250.00	35,000.00	9,625.00	17,500.00	1,540.00	2,800.00
iii	Radio FM Broadcasting (Urban Type 2) 45km	2,887.50	5,250.00	38,500.00	70,000.00	8,662.50	15,750.00	3,080.00	5,600.00
iv	Radio FM Broadcasting (Urban Type 2) 25km	2,887.50	5,250.00	19,250.00	35,000.00	8,662.50	15,750.00	1,540.00	2,800.00
v	Radio FM Broadcasting (Sub-Urban Type 1) 45km)	1,925.00	3,500.00	26,950.00	49,000.00	7,700.00	14,000.00	2,695.00	4,900.00
vi	Radio FM Broadcasting (Sub-Urban Type 1) 25km	1,925.00	3,500.00	15,400.00	28,000.00	7,700.00	14,000.00	1,155.00	2,100.00
vii.	Radio FM Broadcasting (Sub-Urban Type 2) 45km	1,925.00	3,500.00	26,950.00	49,000.00	5,775.00	10,500.00	2,310.00	4,200.00
viii.	Radio FM Broadcasting (Sub-Urban Type 2) 25 km	1,925.00	3,500.00	15,400.00	28,000.00	5,775.00	10,500.00	770.00	1,400.00
ix.	Radio FM Broadcasting (Rural) 25 km	770.00	1,400.00	11,550.00	21,000.00	3,850.00	7,000.00	770.00	1,400.00
x.	Radio FM Broadcasting (Community)	385.00	700.00	770.00	1,400.00	-	-	770.00	1,400.00
xi.	Radio FM Broadcasting (Experimental/Educational/Academic/Campus	385.00	700.00	770.00	1,400.00	-	-	770.00	1,400.00

Table 7. Proposed fees for FM Radio Broadcasting Services

### 3.7 Maritime Radio Services

Marine VHF radio refers to the radio frequency range between 156.0-174.0 MHz. It is used for a wide variety of purposes, including summoning rescue services and communicating with harbours and docks. For more information please visit <https://nca.org.gh/maritime-radio-services/>.

The NCA has reviewed the application and licence fees. The regulatory fees charged per terminal are however maintained.

*Table 8. Proposed fees for Maritime Radio Services*

No.	Maritime	Current Application Fees (GHC)	Proposed Application Fees (GHC)	Current Authorisation/ Initial Fees (GHC)	Proposed Licence Fees (GHC)	Current Annual Regulatory Fees (GHC)	Proposed Annual Regulatory Fees (GHC)
1	Marine HF Fixed and Mobile Stations	385.00	700.00	192.50	350.00	192.5 (per terminal)	192.5 (per terminal)
2	Marine VHF Fixed and Mobile Stations	385.00	700.00	192.50	350.00	192.5 (per terminal)	192.5 (per terminal)
3	Limited Coast Station	N/A	N/A	N/A	N/A	1,001.00	1,820.00
4	Ship Radio Station	N/A	N/A	N/A	N/A	1,001.00	1,820.00

## 4.6 Aeronautical Radio Services

The NCA grants Aeronautical Radio Licences to Aircraft Operators, which aid communications between aircraft and aeronautical ground stations. These services also comprise the use of navigation aids, radar, and other forms of electronic equipment fitted in an aircraft. For more information please visit <https://nca.org.gh/aeronautical-radio-services/>.

Table 9. Proposed fees for Aeronautical Radio Services Fees

No.	Aeronautical	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)	Current Authorisation/Initial Fees (GH¢)	Proposed Authorisation Fees (GH¢)	Current Annual Regulatory Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
1	Aeronautical HF Fixed and Mobile Stations	1,386.00	2,520.00	11,500.00	20,909.09	5,775.00	10,500.00
2	Aeronautical VHF Fixed and Mobile Stations	1,386.00	2,520.00	11,500.00	20,909.09	5,775.00	10,500.00
3	Aeronautical Station-Commercial (Control Stations)	3,850.00	7,000.00	23,100.00	42,000.00	38,500.00	70,000.00
4	Aeronautical Ground to Air Station (Glider, Hang Glider and Balloon)	77.00	140.00	231.00	420.00	N/A	N/A
5	Aeronautical Ground Station (Airlines)	1,386.00	2,520.00	11,500.00	20,909.09	5,775.00	10,500.00
6	Radio Licence - Aircraft (take-off weight more than 3200 kg)	N/A	N/A	N/A	N/A	2587.20	4,704.00
7	Radio Licence - Aircraft (take-off weight more than 3200 kg/Less than 14000 kg)	N/A	N/A	N/A	N/A	5667.20	10,304.00
8	Radio Licence - Aircraft (take-off weight more than 14000 kg)	N/A	N/A	N/A	N/A	8362.20	15,204.00
9	Radio Licence for Aircraft (Glider, Hang Glider and Balloon)	38.50	70.00	385.00	700.00	N/A	N/A
10	Aeronautical Navigational Aid and Radar (Private Aerodrome)	462.00	840.00	3,850.00	7,000.00	770.00	1,400.00

### 3.8 Fixed and Land Mobile Radio Services

A Land Mobile Service is a mobile service between base stations and land mobile stations or between land mobile stations. The NCA grants Land Mobile Radio Service (LMRS) Authorisations to service providers. LMS authorisations are in line with ITU Radio Regulations. For more information, please visit <https://nca.org.gh/public-radio-equipment-pre-or-land-mobile-services/>.

Table 10. Proposed fees for Land Mobile Radio Services

No.	Services	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)	Current Authorisation/Initial Fees (GH¢)	Proposed Authorisation Fees (GH¢)	Annual Regulatory Fees (Charge Per Equipment) (GH¢)	
						Current Fees	Proposed Fees
i	HF Fixed and Land Mobile	385.00	700.00	192.50	350.00	192.50	192.50
ii	VHF Fixed and Land Mobile	385.00	700.00	192.50	350.00	192.50	192.50
iii	UHF/SHF Fixed and Land Mobile	385.00	700.00	192.50	350.00	192.50	192.50

There were no changes in spectrum fees for LMRS. The existing fees are shown in Table 11 below:

Table 11. Spectrum fees Land Mobile Radio Services

S/N	Spectrum	Bandwidth	Spectrum Fee (GH ¢)
i.	HF	3.00 kHz	1,925.00
ii.	VHF/UHF/SHF	6.25 kHz	385.00
iii.	VHF/UHF/SHF	12.5 kHz	770.00
iv.	VHF/UHF/SHF	25 kHz	1,540.00

### 3.9 Amateur Radio Service

Amateur radio (also called ham radio) describes the use of radiofrequency spectrum for purposes of non-commercial exchange of messages, wireless experimentation, self-training, private recreation, and emergency communication. For more information, please visit <https://nca.org.gh/amateur-radio/>.

The Authority proposes categorizing the Amateur Radio service into three (3) groups; students, non-students, and those from other jurisdictions to accommodate different circumstances.

*Table 12. Proposed Fees for Amateur Radio Services*

<b>NO.</b>	<b>Amateur Radio Services</b>	<b>Current Application Fees (GH¢)</b>	<b>Current Annual Regulatory Fees (GH¢)</b>	<b>Proposed One-time Payment For The 10-year Period (GH¢)</b>
i	Students	96.25	38.50	480.00
ii	Non-students	175.00	70.00	875.00
iii	Other jurisdictional applicants	\$25.00	\$10.00	\$125.00

*NB: It is proposed that the Authority waives the fees for students on a case-by-case basis.*

The proposed fees for these categories are for non-spectrum and related services:

### 3.10 Electronic Communications Equipment (ECE) Dealership Licence

The Dealership Licence is granted to companies that trade in and install electronic communications equipment. The Licence has been recategorized into six (6), Class A to F instead of the original four classes. This will be a one-time charge when a company first applies and during renewal. The licence fee will result in an increment to the existing fees in this service. Tables 14 and 15 below shows the existing and proposed review that has been made to the Dealership Service.

Table 13. Existing Dealership Categories and fees

No.	Dealership Licence	Current Application Fees (GHC)	Initial Fees	Current Annual Regulatory Fees (GHC)
i.	Class A	N/A	N/A	1,925.00
ii.	Class B	385.00	N/A	3,850.00
iii.	Class C	385.00	N/A	7,700.00
iv.	Class D	385.00	N/A	19,250.00

#### Where

- i. **Class A** referred to Importation and/or sales/distribution, installation, repairs and maintenance of fixed line phones, mobile and fixed cellular phones, fax machines, low power cordless phones, tablets, internet modems , computers , TVRO (Free on Air), any other terminal equipment to be connected to then public network, PABX with capacity of up to 50 lines and all necessary accessories.
- ii. **Class B** – Importation and/or sales/distribution, installation, repairs and maintenance of Class A equipment, HF/VHF/UHF Radio equipment, line extenders, minor network installation including switching equipment of up to 300 line capacity, ISM band equipment and its accessories.
- iii. **Class C** – Importation and/or sales/distribution, installation, repairs and maintenance of Class A & B equipment, major network installation including switching equipment of between 300 and 1000 lines capacity, licensed band radio equipment, VSATs and all necessary accessories
- iv. **Class D** – Vendors and sub-contractors providing services in the telecommunications industry including network benchmarking, revenue assurance, QoS etc.

These Classes will be replaced with the following classes as shown in Table 14 below:

Table 14. Proposed Dealership Categorisation

No.	Class	Scope	Examples Of Equipment	Application Fees GH¢	Licence Fees GH¢	Annual Fee GH¢
1.	Class A - Installers Licence	Individuals providing services such as installation, repairs of Electronic Communications Equipment to the public  <i>The Authority will put in place a certification program for installers as well as keep a data base of NCA-licensed installers.</i>	TV Decoders and Satellite Dishes, IoT devices, GPS trackers, installation and networking of telecommunication/ICT equipment  <i>(This was a request during 2020 Consumer Forum)</i>	-	-	300
2.	Class B - Retail licence	Retail of Terminal Electronic Communications Equipment to the public.  <i>These licensees would not be allowed to import ECE. The Authority would define Small Scale Retail.</i>	Terminal/Access Electronic Communication Equipment (limited to three (3) shops. <i>(This was a request during 2020 Consumer Forum)</i>	350	500	400
3.	Class C – Terminal /Access Equipment Dealers	Importation, distribution, retail and repairs of Terminal/Access Equipment  Fixed and Cellular Broadcasting Short Range Devices/Low Power Devices	Class B. Fixed Line phones, Mobile and Fixed Cellular Phone (GSM, DCS, CDMA); Cordless Telephone (DECT/PHS) (Fixed or Mobile), POS Terminals, Tablets and Computers WLAN, Bluetooth, RFID Devices Internet Modems, TVRO (Free to Air) Set-top box for TV Smart Watches Telemetry devices Smart Meters, Wireless CCTV Routers, PABX,  any other terminal equipment to be connected to the public network	700	7,000	4,900
4.	Class D – Network Equipment Dealers	Importation and/or sale/distribution and installation of Network Equipment.  Telecommunications Information Communication Networks Broadcasting	Class C Equipment, HF/VHF/UHF Radio Equipment, Network Switches, Radio Transceivers, line extenders, Signal boosters and repeaters ISM band equipment, IoT and home automation equipment and accessories.	700	14,000	9,800

No.	Class	Scope	Examples Of Equipment	Application Fees GH¢	Licence Fees GH¢	Annual Fee GH¢
			any other network equipment to be connected to the public network			
5.	Class E – ECE Manufacturing /Assembling	Manufacturing, assembling, importation, distribution, sale, installation, maintenance and repair of Electronic Communications Equipment and solutions.	Terminal/Access Equipment, Network Equipment, Broadcasting Equipment.		35,000	24,500 Or 1% Whichever is higher.
6.	Special Licence (Projects, Professional)	One time project-based licences issued to professionals who undertake consultancies and special skill-based project such installation and maintenance of equipment for a time duration not exceeding one year.				3,500

### 3.11 Value Added Services

Value Added Service Providers are categorised as outlined in Table 16 below.

These services are delivered by companies that utilize the infrastructure of public Electronic Communication Networks. In line with Regulation 61(2) of the Electronic Communications Regulations, 2011 (L.I. 1991), the initial fee has been redefined as a **Registration Fee**.

*Table 15. Proposed fees for Value Added Services*

NO.	Value Added Service Licence	Proposed Application Fees (GH ¢)	Proposed Registration Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
1.	Class A: Content and Application Services	1,000.00	14,000.00	7,000.00 Or 1% of Annual Revenue of certificate holder to NCA whichever is higher.
2.	Class B: Platform and Machine to Anything Services (IoT User)	2,000.00	18,000.00	9,000.00 Or 1% of Annual Revenue of certificate holder to NCA whichever is higher
3.	Class C: Aggregators and Gateway Services	3,500.00	25,000.00	12,500.00 Or 1% of Annual Revenue of certificate holder to NCA whichever is higher

<b>NO.</b>	<b>Value Added Service Licence</b>	<b>Proposed Application Fees (GH ₵)</b>	<b>Proposed Registration Fees (GH₵)</b>	<b>Proposed Annual Regulatory Fees (GH₵)</b>
4.	Class D: Digital Financial Services	5,000.00	50,000.00	GhC50,000.00 or 1% of Annual Revenue of certificate holder to NCA whichever is higher
5.	SIM & Mobile Money Agent Services (Light VAS)	N/A	200.00	200.00

### 3.12 Closed User Group Services (CUGS)

Table 16. Proposed fees for Closed User Group Services

<b>No.</b>	<b>Service</b>	<b>Proposed Application Fees (GH ₵)</b>	<b>Proposed Licence Fees (GH₵)</b>	<b>Proposed Annual Regulatory Fees (GH₵)</b>
1.	Closed User Group Service Licence	2,000.00	2,000.00	10,000.00

### 3.13 Type Approval

Type Approval is granted to a product that meets a minimum set of regulatory, technical, and safety requirements. Type approval is required before a product is allowed to be sold in a particular market. The regulatory requirements for a given product vary around the world. For more information, please visit <https://nca.org.gh/type-approval/>.

As part of the review structure, the application fee and the regulatory fee have been combined.

Table 17. Proposed fees for Type Approval Certification

<b>No.</b>	<b>Type Approval</b>	<b>Current Application Fees (GHS)</b>	<b>Initial Fees (GH₵)</b>	<b>Current Annual Regulatory fee (GH₵)</b>	<b>Annual Spectrum (GH₵)</b>	<b>Proposed Fees (GH₵)</b>
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i.	Category One Equipment (PDAs, Mobile handsets, POS, Tablets, Telephone sets, IP Phones, Mobile Dongles, etc.)	192.50	N/A	2,310.00	N/A	3,100.00
ii.	Category Two Modular and Low powered Devices (Wi-Fi, Bluetooth, Keyless entry cards, etc....)	192.50		1,925.00		2,600.00
iii.	Category Three Network Equipment	192.50		1,925.00		2,600.00
	Class 1 (E.g. routers, switches, Modems, PBX, etc.)					
iv.	Category Three Network Equipment	385.00		5,775.00		7,600.00
	Class 2(E.g. BSCs, MScs, BTS, PSTN Switches, Media gateways, etc.)					
v.	Category Four	385.00		3,850.00		5,200.00
	Radio, Broadcast, Satellite, (UHF, VHF, FM/TV Transmitters, Microwave, VSAT Transceivers)					
vi.	Frequency Dependant Medical Equipment	385	5,775.00	7,600.00		
vi.	Request to change/replace Type Approval Certificate)	385.00	N/A	500.00		
vii.	DTT Receiver Conformance Certification	N/A		1,925.00	2,400.00	
viii.	DTT Receiver Test Suit			1,925.00	2,400.00	

### 3.14 Importation Charge

The Authority proposes a re-categorisation of the importation charges. The Authority proposes that the re-categorisation be based on the Type Approval categories and the revised fees be 80% of the dealership licence fee for class A and B.

Table 18. Proposed fees for Importation charge

No.	Details of Importation Charges	Proposed Fees (GH¢)
i.	Category One Equipment (PDAs, Mobile handsets, POS, Tablets, Telephone sets, IP Phones, Mobile Dongles, etc.)	1,920.00
ii.	Category Two Modular and Low powered Devices (Wi-Fi, Bluetooth, Keyless entry cards, etc....)	1,920.00
iii.	Category Three Network Equipment	3,776.00
	Class 1 (E.g. routers, switches, Modems, PBX, etc.)	
	Class 2(E.g. BSCs, MScs, BTS, PSTN Switches, Media gateways, etc.)	3,776.00

No.	Details of Importation Charges	Proposed Fees (GH¢)
iv.	Category Four	3,776.00
	Radio, Broadcast, Satellite, (UHF, VHF, FM/TV Transmitters, Microwave, VSAT Transceivers)	
vi	Frequency Dependent Medical Equipment	3,776.00

### 3.15 Numbering

Telephony Numbering Resources are a string of numbers and or alphanumeric used to address electronic communication terminals, networks, protocols, or applications. Being a finite national resource, the NCA regulates the use of various numbering resources. It also provides for a procedure for application for those made accessible to service providers. For more details, please visit <https://nca.org.gh/numbering-sim-m2m-short-codes-etc/>.

In addition to the general factors noted, the cost of maintaining the Numbering Management System was considered in the review of fees for numbering resources as shown in Table 19 and 20 below:

*Table 19. Proposed fees for Numbering*

Numbering Resource (Service number)	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)	Initial Fees (GH¢)	Current Annual Regulatory Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
Toll-Free (0800)	N/A	N/A	N/A	40.00	200.00
Premium (0900)				100.00	300.00
Shared Cost Service (0888)				80.00	250.00
Three Digits	100.00	200.00		2,000.00	3,000.00
Four Digits	100.00	200.00		400.00	2,500.00
Five Digits	100.00	200.00		200.00	1,500.00
Six Digits	100.00	200.00		150.00	1,000.00

*Table 20. Proposed fees for Numbering (Major Operators)*

No.	Numbering Resources	Current Application Fees (GH¢)	Current Licence Fees (GH¢)	Current Regulatory Fees (GH¢)	Proposed Fees (GH¢)
i.	Numbering	16,000.00		N= Y* (X) X is the total number of allocated Subscriber Lines	19,600.00
ii.	Network Destination Code (Shared)	320,000.000			392,000.00
iii.	Network Destination Code (Dedicated)	960,000.00			1,176,000.00
iv.	Mobile Network Code	50,000.00			100,000.00
v	Annual rental fee for an active wireless E.164 number	0.32			0.70
vi	Annual rental fee for an inactive wireless E.164 number	0.48			0.20
vii	Annual rental fee for an active Fixed E.164 number	0.96		Annual fee per subscriber number	0.60
viii	Annual rental fee for an inactive Fixed E.164 number	1.28			0.10
viii	Y Values for M2M Device Identification Numbers (DIN)	0.01			0.40
ix	M2M Provider Identification Code (PIC)	500.00		Annual fee per subscriber number	1000.00
x	Geographic (NDC)	160,000.00		One Time expires with current licence	
xi	Signalling Point Code (National)			Annual fees	2000.00
xii	Signaling Point Code (International)			Annual Fees	5000.00

### 3.16 Infrastructure Services

The Authority reviewed all fees and charges related to the three main infrastructure Licences namely;

- Terrestrial Cable
- Tower Infrastructure and
- Cable Landing Licence

### 3.17 Terrestrial Cable Infrastructure

This Licence authorises Licensees to:

- i. Build, own, operate, and maintain a nationwide (or metro) terrestrial fibre optic cable network infrastructure on the land or through any terrestrial water bodies in the Republic of Ghana.
- ii. Use other approved transport facilities such as microwave, satellite, etc. other than fibre optics in terrains such as streams, hills, or mountains where the deployment of fibre optics may prove difficult.
- iii. Carry inter and intra-city telecommunication and multimedia traffic within the Republic of Ghana.
- iv. Interconnect with other transport facility operators to carry traffic on an equitable, non-discriminatory, and transparent basis.
- v. Establish Points of Presence to interconnect with the Public and Private networks and the networks of Access Providers.
- vi. Provide services to End-users either by wired, wireless, or any other means.

For more information, please visit <https://nca.org.gh/infrastructure-licence-nationwide-or-metro-fibre/>.

The Authority has implemented an upward adjustment to the current fees. Table 21 below illustrates the various increments applied to the existing fees, along with the introduction of a licence fee. Additionally, a regional category has been introduced, with fees calculated according to the respective regional factors.

*Table 21. Terrestrial Fiber Infrastructure*

No.	Services	Current Application Fees (GH¢)	Proposed Application Fees (GH ¢)	Current Licence/ Initial Fees (GH¢)	Proposed Licence Fees (GH¢)	Annual Regulatory Fees (GH¢)
1.	Terrestrial Fibre Infrastructure	192,500.00	350,000.00	770,000.00	1,400,000.00	1% of Net Revenues each to NCA & GIFEC
2.	Terrestrial Fibre Infrastructure (Regional)	-	Please refer to table 23	-	Refer to Table 23 below	1% of Net Revenues each to NCA & GIFEC

*Table 22. Proposed fees for Terrestrial Cable Infrastructure (Regional)*

No.	Region	Proposed Application Fees	Proposed Licence Fees
1.	Greater Accra	70,000.00	280,000.00
2.	Ashanti	49,000.00	196,000.00
3.	Western and Western North	38,500.00	154,000.00
4.	Central	42,000.00	168,000.00
5.	Eastern	38,500.00	154,000.00
6.	Ahafo, Bono East and Bono	31,500.00	126,000.00
7.	Volta and Oti	28,000.00	112,000.00
8.	Savannah, Northern and North East	21,000.00	84,000.00
9.	Upper East	17,500.00	70,000.00
10.	Upper West	14,000.00	56,000.00

### 3.18 Tower Infrastructure Services

The NCA grants Communication Infrastructure Licence to establish and maintain the under-listed Communications Infrastructure facilities for lease, rental, or sale to Communication Service Operators Licensed/registered/authorized by the Authority in strict compliance with the terms of their Licence. For more information, please visit <https://nca.org.gh/infrastructure-licence-mast-and-towers/>.

The fee for Tower Infrastructure Licence was re-categorised into three (3) categories and gazette in 2020. The fees have been adjusted as shown in the Table 23 below:

*Table 23. Tower Infrastructure (Classes)*

No.	Tower Infrastructure Licence	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)	Current Licence/ Initial Fees (GH¢)	Proposed Licence Fees (GH¢)	Current Annual Regulatory Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
i.	Class A (500+ Unlimited Towers)	250,000	350,000.00	1,200,000.00	1,400,000.00	1% of Net Revenues each to NCA & GIFEC	1% of Net Revenues each to NCA & GIFEC
ii.	Class B (200 – 499 Towers)	230,000.00	280,000.00	850,000.00	1,050,000.00		
iii.	Class 3 (1-199 Towers)	170,000.00	210,000.00	686,000.00	840,000.00		

### 3.19 Submarine Cable Landing Service

The licensee is authorised to land and operate an optical fibre submarine cable system. This includes the installation and operation of Submarine Cable Landing Stations (CLS) in Ghana. for more information, please visit <https://nca.org.gh/submarine-cable-landing/>

The current fee was reviewed and converted to cedi in the year 2020. The Authority has reverted to the previous dollar amount as per the table 24 below. The NCA has also introduction of a new category as defined in section 2.12 above.

Table 24. Proposed fees Cable Landing Service

No.	Services	Current Application Fees (GH¢)	Proposed Application Fees (USD)	Current Licence/ Initial Fees (GH¢)	Proposed Licence Fees (USD)	Annual Regulatory Fees (GH¢)
1.	Submarine Cable Systems	192,500.00	50,000.00	5,700,000.00	1,000,000.00	1% of Net Revenues each to NCA & GIFEC
2.	Submarine Cable Landing Station (Open Access)	-	25,000.00	-	200,000.00	1% of Net Revenues each to NCA & GIFEC

### 3.20 Electronic Communications Managed Services (ECMS)

The Licence authorises Licensees to manage, maintain, and support the infrastructure or the network of a licensed/authorised Electronic Communications Service Provider or Electronic Communications Network Provider. For more information, please visit <https://nca.org.gh/communications-managed-and-support-service-licence/>.

The Electronic Communications Managed Service is no longer in classes as previously designed. The applicable fee shown in the Table 25 below:

*Table 25. Proposed fees for Electronics Communications Managed Services*

No.	Services	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)	Current Licence/ Initial Fees (GH¢)	Proposed Licence Fees (GH¢)	Annual Regulatory Fees (GH¢)
1	ECMS	55,000.00	55,000.00	1,000,000.00	1,000,000.00	1% of Net Revenues each to NCA & GIFEC

### 3.21 Submarine Carrier Services

This is a new service as defined in section 2 above.

*Table 26. Proposed fees for Submarine Carrier Services*

No.	Services	Proposed Application Fees (GH¢)	Proposed Licence Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
1.	Submarine Carrier Services	4,000.00	75,000.00	30,000.00 Or 1% of Net Revenues each to NCA whichever is higher

### 3.22 Connecting Entity Services

This is a new service as defined in section 2 above.

Table 27. Proposed fees for Connecting Entity Services

No.	Category	Applicable 5G Service	Approved Licence Fee based on Service (GHS)	Local Content Discount Amount GH¢ (>70%)	Final Proposed Fees Per Category (GH¢)
1.	MNOs	Data, Voice, SMS and USSD	500,000.00	N/A	500,000.00
2.a	BWA, MVNO, ISPs, New Entrant	Data only	350,000.00	Nil (Do not meet >70% Ghanaian ownership)	350,000.00
2.b	BWA, MVNO, ISPs, New Entrant	Data only	350,000.00	70,000.00	280,000.00

### 3.23 Internet of Things (IoT) Services

This is a new service as defined in section 2.8 above.

Table 28. Proposed fees for IoT Services

No.	Services	Proposed Application Fees (GH¢)	Proposed Licence Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
1.	IoT Services	3,500	25,000.00	9,500.00 Or 1% of Annual Revenue of certificate holder to NCA whichever is higher

### 3.24 Electronic Communications (Private Networks) Services

This is a new service as defined in section 2 above.

Table 29. Proposed fees for Electronic Communications (Private Networks) Services

S/No.	Services	Proposed Application Fees(GH¢)	Proposed Licence Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
1	Electronic Communications Services (Private Network)	2,000.00	30,000.00	20,000.00

### 3.25 Internet Exchange Point (IXP) Services

This is a new service as defined in section 2.4 above.

Table 30. Proposed fees for Internet Exchange Points (IXP) Services

S/No.	Services	Proposed Application Fees(GH¢)	Proposed Licence Fees (GH¢)	Proposed Annual Regulatory Fees (GH¢)
1	IXP	1,925.00	11,500.00	1% of Net Revenue or 7,700.00 whichever is higher

### 3.26 MNO, BWA, ICH, IWCL, MVNO, Fixed Services, International Gateway

The Licences for such services are issued based on policy directions from the Ministry of Communications (MoC). When the MoCDTI issues such directives, a committee is normally constituted to come up with the applicable Licence fees based on prevailing economic factors/conditions, benchmarking, international trends, etc. The status quo thus remains.

## 4.0 LEGAL RELATED SERVICES

These services are rendered to the public and by the NCA law, the Authority is mandated to charge fees for these services. These services include inspection and/provision of copies of the Register of Interest, provision of copies of lost Licences/Authorisations/Certificate, Due Diligence Reports on Licensees/Authorisation Holders, Mergers, Acquisition and Transfer, conduct of second inspection and request for data.

The Authority has accordingly reviewed upwards the existing fees and charges under the legal framework taking into consideration that last review was in 2022.

Table 31. Proposed fees for Legal Related Services

No	Services	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)
1.	Request for data (exemption for Academic purposes & government institutions)	1000(first 10 pages)-GHS 10.00 (Per Additional Page)	1,200.00(first 10 PAGES) - GHS12.24 (Per Additional Page)
2.	Search Report/Due diligence on Licensees/Authorisations Holders/ Certificates	2,000.00-5,000.00	Individual-2,400.00
			Corporate-6,100.00
3.	Request for copies of lost Licences/Authorisation/ Certificates	a. Licences-2,000.00	a. Licences – 2,400.00
		b. Authorisation-1% of the corresponding Authorisation fees (or a threshold of 2,000.00)	b. Authorisation – 1% of the corresponding Authorisation fees (or a threshold of 2,400.00)
		c. Certificates-1% of the corresponding certification fees (or a threshold of 2,000.00)	c. Certificates-1% of the corresponding certification fees (or a threshold of 2,400.00)
		a. Other Documents-500.00	d. Other Documents-600.00
4.	Inspection of Frequency Register	50.00 per service	60.00 Per Service

No	Services	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)
5.	Certified Copy of Frequency Register	50.00 per Register	60.00 per service
6.	Inspection of Register of interest	500.00 per inspection	600.00 PER INSPECTION
7.	Second Inspection of Broadcasting or telecom installation	2,000.00	2,400.00
a.	Mergers, Acquisition and Transfer of Licence / Authorisation		
8.	FM Radio Broadcasting	FM Urban 30,000.00	FM URBAN Type 1 – GHS36,700.00
			FM URBAN Type 2 – 30,000.00
		FM Sub- Urban 20,000.00	FM SUB-URBAN Type 1 – 24,500.00
			FM Sub –Urban Type 2 – 20,000.00
		FM Rural 5,000.00	FM Rural 6,000.00
9.	All TV Broadcasting Services	50% of the Authorisation Fee or 1% of the transaction Value ,whichever is higher	50% of the Authorisation Fee or 1% of the transaction Value ,whichever is higher
10.	Internet Service Providers	5,000.00 of the authorisation fee or 1% of the transaction Value, whichever is higher	6,120.00 or 1% of the transaction Value, whichever is higher
11.	Value Added Services	Refer to L.I 1991 ECR Reg. 60(2)	-

No	Services	Current Application Fees (GH¢)	Proposed Application Fees (GH¢)
b.	Mobile Network Operators, BWA Operators, Infrastructure Licences etc. (USD)		
12.	Transactions less than or equal to USD89.9 million	25,000.00	25,000.00 or 0.05% Transaction Cost whichever is higher
13.	Transactions ≥ USD 90 million ≤ USD 199.9 million	50,000.00	
14.	Transactions ≥ USD 200 million ≤ 399 million	100,000.00	
15.	Transactions ≥ USD 400 million ≤ USD 699.9 million	200,000.00	
16.	Transactions ≥ USD 700 million	300,000.00	

## **5.0 PERCENTAGE OF NET REVENUES AS ANNUAL REGULATORY FEES**

Telecommunication regulators worldwide fund their operations through annual operating levies or regulatory fees, which are frequently structured as a percentage of gross or net revenue or as fixed fees per subscriber. For example, in India, fees are calculated on a per-subscriber basis, while the Kingdom of Saudi Arabia imposes a levy as high as 10%. In contrast, the NCA has traditionally maintained lower operating levies, similar to other leading regulators.

In our ongoing commitment to maintaining an efficient and sustainable regulatory environment, the NCA has reviewed its annual regulatory fee structure from 1.0% to 1.5% of net revenue in accordance with the guidelines set forth in Section 82 of Act 775.

The upward review of the fee is necessary to moderate our increasing regulating operating cost particularly in relation to the supervision and monitoring of national scarce resources such as spectrum as well as ensuring quality of service and quality of experience of the networks.

This adjustment is to better align our fee structure with the increasing costs associated with regulatory supervision and monitoring of our regulatory services . We believe that this modest increase will contribute to sustaining the quality and integrity of our regulatory operations to ensure the continued effective management of our scarce national resources.

We invite you to review this decision and provide your feedback. Your comments are valuable to us as we finalize this adjustment to our fee structure.

## 6.0 DECISIONS

The National Communications Authority (NCA) is pleased to inform the following decisions regarding our regulatory fee structure, which have been adopted to ensure a sustainable and effective oversight framework in line with evolving technological and economic conditions:

i. **Stakeholder Engagement on Fee Review:**

We will continue to engage with stakeholders to review the updated schedule of fees. It is important to note that the last comprehensive review was conducted in 2016.

ii. **Adjustment of Annual Regulatory Fees for Mobile Network Operators and Service Providers:**

Due to the increasing costs associated with our regulatory supervision and monitoring of our regulatory services the authority has reviewed the annual regulatory fees from 1% to 1.5% of the annual revenues of Mobile Network Operators and other applicable Service Providers to sustain the quality and integrity of our regulatory operations to ensure the continued effective management of our scarce national resources.

iii. **Introduction of Annual Regulatory Fees for Internet Service Providers and Value Added Service Providers:**

We will introduce an annual regulatory fee of 1% on the revenues of Internet Service Providers and Value Added Service Providers, with the possibility of an adjustment to 1.5% upon further review.

iv. **Biennial Fee Review:**

To reflect technological advancements, evolving regulatory requirements, and current economic conditions, our fee structure will be reviewed every two years.

v. **Ongoing Stakeholder Consultation:**

We will continue to consult with stakeholders before implementing any revisions to fees and charges to ensure a transparent and inclusive process.

vi. **Enforcement for Community FM Radio Stations:**

To uphold operational standards, the NCA will enforce penalties or require necessary upgrades for entities that violate the guidelines governing the operations of community FM radio stations in Ghana.

These decisions are a vital step in ensuring that our regulatory framework remains robust and responsive to the needs of the industry while effectively managing our national resources.

We welcome your comments and feedback on these decisions.