

BANGLADESH TELECOMMUNICATION REGULATORY COMMISSION

## RADIO FREQUENCY CHARGES

TABLE – 1

For omni directional and point to multi-point system

<i>Sl</i>	<i>Symbol</i>	<i>Frequency Range (Lower Limit Exclusive, Upper Limit Inclusive)</i>	<i>Charge per 1 KHz of Necessary Bandwidth of Emission per Year per Site*1 in Taka</i>
1	VLF	3~30 KHz	200.00
2	LF	30~300 KHz	200.00
3	MF	300~3000KHz	200.00
4	HF	3~30 MHz	300.00
5	VHF	30~300 MHz	100.00
6	UHF1	300~1000 MHz	50.00
7	UHF2	1000~3000 MHz	30.00
8	SHF	3~16 GHz	20.00
9	SHF2 & EHF1	16~65 GHz	10.00
10	EHF2	65~300 GHz	1.00

**TABLE – 2****For UHF, M/W, EHF point to point links per year basis**

<i>Sl</i>	<i>Frequency Range (Lower Limit Exclusive, Upper Limit Inclusive)</i>	<i>Charges in Taka for Channel BW Capacity per KHz per Hop<sup>*1</sup></i>
1	UHF 1 ~3 GHz	3.00
2	M/W 3 GHz ~16 GHz	2.00
3	M/W 16 GHz ~65 GHz	1.00
4	M/W 65 GHz ~100 GHz	0.50
5	Above 100 GHz	0.10

<sup>\*1</sup> –The above charge is for the 1st use. The charge is 50% of the above for the 2<sup>nd</sup> use and 20% for the subsequent use.

**TABLE – 3****Charges per set per year of Tx / Rx for all ranges****(a) HF and Below :**

<i>Sl</i>	<i>Output Power from the Final Stage of the Transmitter</i>	<i>Rate in Taka</i>
1	Less than 100 mW	100.00
2	100 mW ~ 500 mW	200.00
3	500 mW~ 1 watt	300.00
4	1 watt~3 watt	500.00
5	3watt ~5 watt	1,000.00
6	5 watt ~ 10 watt	2,000.00
7	10 watt ~ 25 watt	3,000.00
8	25 watt ~ 75 watt	8,000.00
9	75 watt ~ 100 watt	12,000.00
10	100 watt ~ 250 watt	30,000.00
11	250 watt ~ 500 watt	60,000.00
12	500 watt ~ 1000 watt	10,000.00
13	Above 1000 watt each additional watt or part thereof	200.00

**(b) VHF**

<i>Sl</i>	<i>Output Power from the Final Stage of the Transmitter</i>	<i>Rate in Taka</i>
1	Less than 100 mW	100.00
2	100 mW ~ 500 mW	200.00
3	500 mW ~ 1 watt	500.00
4	1 watt ~ 3 watt	800.00
5	3 watt ~ 5 watt	1200.00
6	5 watt ~ 10 watt	2500.00
7	10 watt ~ 15 watt	3500.00
8	15 watt ~ 20 watt	5000.00
9	20 watt ~ 25 watt	7500.00

10	25 watt ~ 30 watt	10000.00
11	30 watt ~ 50 watt	20000.00
12	50 watt ~ 75 watt	40000.00
13	75 watt ~ 100 watt	75000.00
14	Above 100 watt each additional watt or part thereof	2000.00

**(c) UHF Band 1**

<i>Sl</i>	<i>Output Power from the final stage of the Transmitter</i>	<i>Rate in Taka</i>
1	Less than 100 mW	500.00
2	100 mW ~ 500 mW	1,000.00
3	500 mW ~ 1 watt	1,500.00
4	1 watt ~ 3 watt	2,000.00
5	3 watt~5 watt	2,500.00
6	5 watt~10 watt	3,000.00
7	10 watt~15 watt	4,000.00
8	15 watt~20 watt	5,000.00
9	20 watt~25 watt	10,000.00
10	25 watt~50 watt	20,000.00
11	Above 50 watt each additional watt or part thereof	2,000.00

**(d) UHF Band 2**

<i>Sl</i>	<i>Output Power from the final stage of the Transmitter</i>	<i>Rate in Taka</i>
1	Less than 100 mW	1000.00
2	100 mW~500 mW	2000.00
3	500 mW~1 watt	3000.00
4	1 watt~3 watt	4000.00
5	3 watt~5 watt	5000.00
6	5 watt~10 watt	7500.00
7	10 watt~20 watt	10,000.00
8	20 watt~50 watt	20,000.00
9	Above 50 watt each additional watt or part thereof	2,000.00

(e) SHF 1, SHF 2 & EHF

<i>Sl</i>	<i>Output Power from the final stage of the Transmitter</i>	<i>Rate in Taka</i>
1	Less than 100 mW	500.00
2	100 mW~500mW	1000.00
3	500 mW~1 watt	1500.00
4	1 watt~3 watt	2000.00
5	3 watt~5 watt	3,000.00
6	5 watt~10 watt	5,000.00
7	10 watt~20 watt	10,000.00
8	20 watt~50 watt	20,000.00
9	Above 50 watt each additional watt or part thereof	2,000.00

Note 01: *Power of a Radio Transmitter is referred to in accordance with class of emission specified in radio regulation annexed to the International telecommunication Union Convention.*

Note 02: *In case of standby or supplementary transmitter, a quarter of the radio transmitter output power charge specified above shall be levied.*

Note 03: *Transmitter power level indicated is exclusive of lower limit and inclusive of upper limit.*

**TABLE – 4****Radio Station/Terminal Charge**

<i>Sl</i>	<i>Description</i>	<i>Rate in Taka</i>
1	Aircraft Radio Station (Aircraft Borne Equipment)	
	(a) Aircraft having an approved maximum take off weight of 5,700 kg above	10,000.00
	(b) Aircraft which have an approved maximum take off weight of 2,730 kg but less than 5,700 kg	5,000.00
	(c) Aircraft having an approved maximum take off weight not more than 2,700 kg less	3,000.00
	(d) Light Aircraft, Gliders, other than those described above	2,000.00
2	Telemetry, Tele-command and Tele-approach radio station-per frequency	2,000.00
3	Radio determination stations-per frequency	2,000.00
4	Citizen band Radio Station (Per Transceiver) (26.965-27.405 MHz) 40 channels only	
	(a) Base/Fixed	1,500.00
	(b) Mobile	1,000.00
	(c) Portable/Handheld	500.00
5	DSB-4 Watt carrier power (maximum) SSB –12 watt peak envelope power (maximum) Aeronautical Mobile Radio Stations (118-136 MHz) (per transceiver) :	
	(a) Base/Fixed (Tx power less than 25 watt)	5,000.00
	(b) Mobile (Tx power less than 25 W)	2,000.00
	(c) Portable/Handheld (Tx power less than 5W)	1,000.00
6	Maritime Mobile Radio Station (156-163 MHz) (per transceiver) :	
	(a) Base/Fixed (Tx power less than 25W)	5,000.00
	(b) Mobile (Tx power less than 25W)	2,000.00
	(c) Portable/Handheld (Tx power less than 5W)	1,000.00
7	Ship Radio Station (Ship borne equipment) :	

	(a) Passenger ships (crew more than 12) whose route of operation involves distance in excess of territorial waters of Bangladesh and cargo of 1,600 tons gross tonnage and upwards.	10,000.00
	(b) (a) Passenger ships (crew more than 12) whose route of operation involves distance in excess of territorial waters of Bangladesh and cargo of 300 tons gross tonnage and upwards but less than 1,600 tons gross tonnage.	5,000.00
	(c) Cargo Ship of 300 tons gross tonnage or less	3,000.00
	(d) Any other vessel other than those described above	2,000.00
8	Meteorological Service-per station per frequency	1,000.00
9	Coast Radio Station the maritime mobiles service-per frequency	2,000.00
10	Repeater Station (Amateur and Citizen band Radio Service)	500.00
11	Broadcasting (sound) station – per terminals Broadcasting (sound) – per station per frequency	
	(MF)	500.00
	(HF)	750.00
	(VHF)	1,000.00
	(UHF)	1,500.00
12	Port Station in the port operator service-per frequency	2,000.00
13	Aeronautical station in the aeronautical mobile service per frequency	2,000.00
14	Aeronautical fixed station –per frequency	2,000.00
15	Broadcasting (TV) station- per frequency per terminal	
	(i) UHF (a) Vision-per frequency	7,500.00
	(b) Sound-per frequency	1,500.00
	(ii) VHF (a) Vision-per frequency	7,500.00
	(b) Sound-per frequency	1,500.00
16	Maritime Mobile service (in shore boating service excluding public correspondence) :	
	(a) Limited Coast Station	3,000.00
	(b) Limited Ship Station	1,000.00
17	Disaster/Search and Rescue Station	1,000.00
18	Each Satellite feeder link of 36 MHz bandwidth	100,000.00
19	Each Satellite feeder link of 45 MHz bandwidth for a single channel per carrier	2,500.00

20	Transmitting Earth Station (additional Charge)	20,000.00
21	Additional Repeater Station charge-per frequency	1,000.00
22	Passive repeater station charge	5,000.00
23	Temporary Field Trial/Test/Demonstration station charge	1,500.00
24	Short range cordless telephone charge (Maximum working range 500 meters only) (Once and for all charge per unit)	1,000.00
25	Toy Walkie Talkie radio equipment of Tx power output less than 500 mw (Once and for all charge per unit)	100.00
26	Radio communication Equipment for the control of models (Tx power more than 100 mwatt) (for all charge per unit)	1,000.00
27	Radio linked microphone service (Once and for all charge per unit)	100.00
28	Radio communication Equipment for the control of models (Tx power less than 1 watt and more than 50 mw) (Once and for all charge per unit)	500.00
29	Radio communication Equipment for the control of models (Tx power less than 50 mw)	Free
30	Radio communication Equipment used for Civil Airport and Aviation service	150.00

**Note:** (Here per frequency should mean per KHz of frequency in a specified BW to be used by the system)



**TABLE- 5****Miscellaneous Charges**

<i>Sl</i>	<i>Description</i>	<i>Rate in Taka</i>
1	Issue of a new licence in case of original licence damaged or lost (Radio Communication services)	550.00
2	(a) Issue of a new operator certificate in case of original certificate damaged/ lost of otherwise	550.00
	(b) Any endorsement to the original operators certificate	550.00
3	Additional charge per radio channel for transmission of sound/TV for program links.	1,000.00
4	Additional charge per radio channel for transmission of date.	1,500.00
5	Radio communication equipment vendor's license	10,000.00

**TABLE – 6****EXAMINATION AND CERTIFICATE FEES**

<i>Sl</i>	<i>Description</i>	<i>Rates in Taka</i>
01.	Amateur Radio Examination (Novice)	100.00
02.	Amateur Radio Examination (General)	200.00
03.	Amateur Radio Examination (Advanced )	300.00
04.	Marine Radio Examination (General)	1,000.00
05.	Marine Radio Examination (Special)	750.00
06.	Any mores code test	100.00
07.	Radio Operator Examination (Restricted)	500.00
08.	Amateur Radio Operator's Certificate (Once and for all charge)	
	(a) Novice	50.00
	(b) General	100.00
	(c) Advanced	150.00
09.	Marine Radio Operator's Certificates (Once and for all charge)	
	(a) Special	200.00
	(b) General	300.00
10.	Radio Operator's Restricted Certificate	100.00

**TABLE – 7**

**Amateur Radio Operator’s Certificate  
Exam Level & License Provision**

<i>Sl.</i>	<i>Grade of License</i>	<i>Exam Requirement</i>	<i>License Provision</i>
(a)	Novice	No Morse Code exam	VHF 5 watt walkie talkie only
(b)	General	Morse Code 5 wpm; “Q” Languages test	2 (Two ) years experience as Novice
(c)	Advance		5 (five) years total expec. Of 'a' & 'b'

**No frequency charge is to be levied for common frequencies like that Citizen Band. All prices above are exclusive of GST, VAT etc.**