

Statutory Instrument No. 86 of 1992

**BOTSWANA TELECOMMUNICATIONS
CORPORATION ACT
(Cap 72:02)**

**TELECOMMUNICATIONS (AMENDMENT)
REGULATIONS, 1992
(Published on 25th September, 1992)**

IN EXERCISE of the powers conferred by section 30 of the Telecommunications Act, the Minister of Works, Transport and Communications has made the following Regulations —

1. These Regulations may be cited as the Telecommunications (Amendment) Regulations, 1992, and shall come into operation on 1st October, 1992.
2. The Telecommunications Regulations are amended by substituting for the Schedule thereto the following new Schedule —

“SCHEDULE (regs. 53, 54, 65 and 68)

TARIFFS EFFECTIVE 1ST OCTOBER, 1992

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Citation and
commencement

Replacement
of Schedule
Cap. 72:02
Sub.leg

NATIONAL AND INTERNATIONAL TELEGRAM, TELEX AND TELEPHONE CHARGE INFORMATION

1. ZONES WITHIN BOTSWANA

ZONE 1	ZONE 2		ZONE 3	
Gabane				
Gaborone		Mahalapye	Francistown	Sebina
Jwaneng	Otse	Lerala	Bobonong	Sefhophe
Kanye	Pitsane	Moeng	Letlhakane	S/Phikwe
Lentsweletau	Ramotswa	Machaneng	Mathangwane	Serule
Letlhakeng	Sedibeng	Palapye	Mmadinare	Shashe
Lobatse	Sekoma	Pilikwe	Matsiloe	Tonota
Mochudi	Thamaga	Sefhare	Orapa	Tshesebe
Molepolole	Werda	Serowe	Ramokgwebane	Tutume
Moshupa		Sherwood Ranch		
		Shoshong		
ZONE 4	ZONE 5		ZONE 6	
Gweta	Etsha	Sepopa	Charleshill	
Kasane	Gomare	Seronga	Ghanzi	
Kazungula	Makalamabedi	Shakawe	Kalkfontein	
Nata	Matlapana	Shaowe	Karakobis	
Pandametemga	Maun	Shorobe	Kole	
Sowa Pan	Mohembo	Toteng	Ncojane	
	Nokaneng	Tsau		
	Nzamasere	Xangwa		
	Sehitwa			
ZONE 7				
Hukuntsi		Ohe		
Kang		Omawaneno		
Khisa		Phepane		
Lehututu		Phepheng		
Lokgwabe		Tsaolong		
Makopong		Tsetseng		
		Tshane		

2. INTERNATIONAL CHARGE BANDS

A — Namibia, South Africa, Zimbabwe.

B — Lesotho, Mozambique, Swaziland, Zambia, Malawi

C — Angola, Kenya, Tanzania, Uganda

D — Europe (Countries with telephone country codes beginning with 003 or 004)

E — Rest of world.

Charge bands apply to telegram, telex and telephone service.

3. NATIONAL TELEPHONE CALL CHARGES

3.1 ORDINARY LINES (MCU=21t)

	<u>Full Rate</u>	<u>Cheap Rate</u>
Local call timing	6 minutes	9 minutes
Within zones	39 seconds	49 seconds
Between zones	13.2 seconds	16.3 seconds

3.2 COINBOX LINES (MCU = 25t)

Local call timing	6.18 minutes	8.1 minutes
Within zones	41 seconds	51 seconds
Between zones	13.8 seconds	17.2 seconds

3.3 CHEAP RATE (FOR DIALLED CALLS ONLY)

Monday - Friday	2000 hours - 0700 hours
Weekends	1300 hrs Saturday - 0700 hrs Monday
Public holidays	Full 24 hour period

NOTE: All local calls made from electromechanical and manual exchange remain untimed.

3.4 OPERATOR CONTROLLED CALLS

Minimum charge 3 minutes - no cheap rate.

	<u>Ordinary lines</u>	<u>Coinbox</u>
Local	26t per min	33.3t per min
Within zones	47t per min	58.3t per min
Between zones	150t per min	166.7t per min

After the 3 minute minimum charge, ordinary lines are charged by the minute and coinbox lines are charged in multiples of 3 minutes.

3.5 AUTOMATIC ALARM CALLS

Each call 42t

3.6 MISCELLANEOUS OPERATOR SERVICES

Personal call	P2.50
Collect call	P2.50
ADC	P2.50

4. INTERNATIONAL TELEPHONE CALL CHARGES

4.1 INTERNATIONAL DIRECT DIAL (IDD)

4.1.1 ORDINARY LINES

Seconds per unit 21t

	<u>Full</u>	<u>Cheap</u>
Charge Band A	8.1	10.1
Charge Band B	6.0	7.5
Charge Band C	2.3	2.9
Charge Band D	1.8	2.2
Charge Band E	1.5	1.8

4.1.2 COINBOX LINES (MCU = 25T)

Charge Band A	8.6	10.8
Charge Band B	6.3	7.9

- NOTES:
1. Cheap Rates are available as for National calls.
 2. There will be no cheap rate charges for international operator assisted calls where IDD is available to the customer.
 3. All subscribers on electromechanical and manual telephone exchange who cannot dial their own IDD calls, will be charged at the equivalent IDD rate with a three minutes minimum.

4.2 OPERATOR CONTROLLED CALLS

Minimum charge 3 minutes.

After the 3 minute minimum charge ordinary lines are charged by the minute and coinbox lines are charged in multiples of 3 minutes.

ORDINARY LINES

Charge band A	P2.50 per minute
Charge band B	P3.30 per minute
Charge band C	P7.70 per minute
Charge band D	P9.90 per minute
Charge band E	P12.00 per minute

Coinbox calls are restricted to Charge Bands A and B at the following rates:—

	<u>Per 3 minutes</u>
Charge Band A	P7.50
Charge Band B	P10.00

4.3 MISCELLANEOUS OPERATOR SERVICE CHARGES

Personal call	1 minute call charge
Collect call	1 minute call charge
A D C	P2.50

5. TELEGRAM CHARGES (minimum 7 words)

5.1 BOTSWANA TELEGRAMS

Charge 15t per word

5.2 INTERNATIONAL TELEGRAMS

Charge band A - 37t per word
Charge band B - 60t per word
Charge band C - 74t per word
Charge band D - 96t per word
Charge band E - 111t per word

5.3 MISCELLANEOUS CHARGES

Copying fee per page	P2.00
Search fee per day searched	P2.00
Annual Registration of telegraphic address	P32.00

6. **TELEX CHARGES**

6.1 **BOTSWANA CALLS**

Calls within same zone

P0.31 per minute

Calls between zones

P0.62 per minute

6.2 **INTERNATIONAL CALLS**

Charge band A - P1.07 per minute

Charge band B - P1.40 per minute

Charge band C - P5.32 per minute

Charge band D - P7.00 per minute

Charge band E - P8.25 per minute

Minimum charge 1 minute

6.3 **Calls connected by the operator** have a 3 minute minimum charge.
Fractions of minutes above 3 minutes are rounded up.

6.4 **TELEX BOOTH**

Service charge P2.00 per minute, in addition to the operator call charge.

7. **DEPOSITS**

A refundable deposit is required before any subscriber can receive service. This would also apply to an old subscriber who is being re-connected to the telephone system following a cease and recover for non-payment.

The rates are	a) New residential subscriber	= P100
	b) New non-residential subscriber	= P400

NOTE: No charge is made if the disconnection is found to be due to a mistake by BTC.

8. **EXCHANGE LINE RENTALS**

An established route is a route that has ten or more working telephone exchange lines, external extension or private wires.

Where there are less than 10 applicants the costs of constructing a special route (beyond 2 spans of drop wire) is shared among the applicants as a connection fee. Rental as standard.

	CONNECT CHARGE	QUARTERLY RENTAL
1. Residential exchange line	200	30
2. Non-residential exchange line	200	32
3. Government exchange line	200	34
4. Residential including standard instrument	200	46
5. Non residential including standard instrument	200	48
6. Government including standard instrument	200	50
7. Government PABX extension	200	72
8. Manual exchange line	200	40

9. Party line manual	200	48
10. Service lines	NIL	NIL
11. DDI lines	200	72
12. Outgoing trunk lines (used on PABX)	200	48
13. DEL public CCB	NIL	NIL
14. Removals are treated on a cease and provide basis		
15. TEMPORARY EXCHANGE LINE SERVICE		

Minimum rental is one month. Double connection and rental fees are charged.

NOTE 1: Rentals for items 1 to 3 above do not include telephone instrument, and should only be charged when the customer provides his own equipment.

NOTE 2: Rentals for items 4 to 6 above should be charged when BTC have supplied the instrument. Standard instrument rental should be added to these charges, as per item 11.

9. RADIO TELEPHONE SERVICE RENTALS

	CONNECT CHARGE	QUARTERLY RENTAL
1. a) Single channel service	s.a	1500
b) Two channel service	s.a	2500

NOTE: Users are required to provide a suitable mast and stabilised DC power supply to BTC specifications.

2. S+DX equipment	318	1069
3. SR radio equipment -		

(These systems are normally only used to provide essential social services in villages. Where, for exceptional operational reasons, they are deployed to provide other services, users will be charged at the same rate as single or two radio telephones (as appropriate).

10. EXTENSION RENTALS

	CONNECT CHARGE	QUARTERLY RENTAL
1. Internal extension	70	25
2. Internal extension with socket	70	9
3. External within customer's curtilage or within same cabinet area	190	36
4. External extension routed outside customers curtilage i.e routed through public network within the same exchange area	410	136

5. Charges for all new external extensions which extend beyond an exchange boundary will be specially assessed subject to the following conditions:—

5.1 adequate spare capacity exists on the route(s) concerned;

5.2 the circuits are pre-emptible i.e B.T.C reserves the right to give customers 30 days notice that service will be terminated and the circuits reserved for B.T.C. use.

6. Charges (1), (2) and (3) are added to any plan system on which they are used.

7. Temporary service. Double connection charge and rental. Minimum chargeable rental one month.

NOTE 1 External parallel extensions are only provided within subscriber's curtilage and wired directly. For longer distances a plan system using 2 or more wires must be used for which additional charges will be raised.

NOTE 2 External extensions beyond an established route may raise special construction charges and/or abnormal rental - see above.

11. TELEPHONE INSTRUMENTS RENTALS

	CONNECT CHARGE	QUARTERLY RENTAL
1. Standard telephone	*	16
2. Change of instrument	70	-
3. Facility telephone 200/300/React 320	*	57
4. PBT 600s (teleace) (no longer purchased)	*	57
Telextra telephone	*	57
Hypercon TX500	*	57
Secraphone (no longer purchased)	*	57
5. Statesman with lock	*	21
6. Endestra 501 lockable	*	21
7. Daewoo Chorus	*	21
8. Answerphone		
a) Brisonic (No longer purchased)	*	53
b) Robin + Wren	*	53
c) Kingfisher	*	73
9. Headset	*	73
10. Computer phone (no longer purchased)	*	21
11. Compact (krone)	*	21
12. Frankfurt (TX4.20) with lock	*	57
13. Fascimile Canon 220/230/250/260 machine	*	500
14. Subscriber's private meter (also requires 16Khz pulse see item 15)	*	23
15. Subscriber's pulse metering (SPM) 16KHZ	*	14
16. Special facilities on AXE exchange		
Class of service 2	*	28
Class of service 3	*	41
Class of service 4	*	55
17. Weather proof telephone (yellow)	*	57
18. Magneto telephone	*	46
19. Berkshire telephone	*	18
20. Cordless telephone	*	80
21. Internal Bells (any distance)		
a) Normal	70	11
b) Loud ringing	163	15
c) Night service	70	15
22. External bells (within 200m)		
a) Night service (80 D)	102	15
b) Mains ringing	204	19

NOTE 1 * These items do not attract additional connection charges when provided at the outset on new installations. When required in place of existing telephone, charge as for change of instruments P70.00.

NOTE 2 Rentals to be added to rental of PBX extensions or exchange lines etc.

12. COINBOXES

1. Public coinbox with internal shelf	—	—
2. Public coinbox with wall mounted canopy (external)	—	—
3. Public coinbox with standing pedestal and canopy (external)	--	--
4. Renters coinbox with internal shelf	228	86
5. Renters coinbox with wall mounted canopy (external)	452	108
6. Renters coinbox with free standing pedestal and canopy external	760	125
7. Renters desk-top payphone	200	250

NOTE 1 Electricity supply for external canopies is the responsibility of the renter.

NOTE 2 Renters desk-top payphones may be programmed by the renter to mark up BTC charges between 25% and 100%. The renter is responsible for emptying the cash box, paying BTC's standard call charges and for re-programming the instrument whenever BTC changes tariffs.

13. MISCELLANEOUS TELEPHONE SERVICE CHARGES

	CONNECT CHARGE	QUARTERLY RENTAL
1. Internal removal of any part of an existing installation (shift) Minimum charge P70.00. Exceptions-PBX consoles/equipment and VHF telephones where work is carried out on cost of works basis	70	
2. Reconnection of exchange line from TOS procedure following non-payment of account	48	
3. TOS at customer request. Charge for each period of TOS	32	
4. Ex-directory charge	26	
5. OCB (outgoing calls barred) at customers request. Charge for each period of OCB	32	
6. Change of number interception (CNI) per period, usually 3 months	44	
7. Take over in situ - customer visit required	70	
- no visit required	32	
8. Change of number at customers request	32	
9. Change of instrument	70	
10. Class of service change-customer visit required	70	
- BTC exchange work only	32	
11. Change of name for the same user (No charge for change of P.O.Box)	13	
12. Additional telephone directories above free issue quota	8	

13. Telephone/telex directories of other countries when available cost plus	25%	
14. Change of line cord for non-standard instrument	70	
15. Type approval test for non-standard instrument	168	
16. Replacement of lock due to loss of keys or damage. Single payment	70	
17. Damage to basic telephone requiring replacement	70	
18. Erroneous accounts queries		
- copying fee per item	P2.00	
- search fee per item	P2.00	
19. Call management systems sales licence	-	125
20. Cost of works	s/a	
21. Any special charge	s/a	
22. Rental of 2m x 2m site within BTC microwave site	-	194
23. Rental of space on BTC tower (each antenna)—		388

14. MITEL PABX RENTALS

	CONNECT CHARGE	QUARTERLY RENTAL
1. SX5 (2+6) (no longer purchased)		356
2. SX10 (no longer purchased)		
4+8		410
4+1		730
6+16		782
8+16		820
3. SX10 super (no longer purchased)		
4+8		504
4+16		756
6+16		820
8+16		850
4. SX10E (no longer purchased)		
2+8 (without console)	629	504
4+8 (without console)	756	567
4+32	1133	1133
6+32	1260	1197
8+32	1449	1260
5. SX20 (no longer purchased)		
4+8		567
4+24		1133
4+50		1978
6+24		1260
6+48		2114
8+24		1411
8+48		2267
6. SX100 or sub equipped SX200 (no longer purchased)		
4+24 (basic)	1978	1260
4+32	1511	1511
8+48	1889	2267

4+56	2015	2519
12+48	2015	2519
12+56	2141	2771
12+64	2267	3023
7. SX200 (no longer purchased)		
8+96	2519	2976
12+96	2644	3526
8+120	2896	4029
12+128	3148	4533
16+120	3148	4533
8. SX200 GENERIC 1000 (no longer purchased)	8800	14256
9. SX200D (no longer purchased)		
18+96 (including 12 superset extension slots)	3148	4854
24+96 (including 24 superset extension slots)	3148	5899
12 outgoing trunks + 18 DDI trunks +96 (incl. 24 superset extension slots)	3148	5899
36+120 (including 36 superset extension slots)	3988	6666
18 outgoing trunks + 18 DDI trunks +120 (including 36 superset extension slots)	3988	6666
36+144 (including 36 superset extension slots)	4617	7593
18 outgoing trunks + 18 DDI trunk + 144 (including 36 superset extension slots)	4617	7593

NOTES

9.1 The above configurations will be standard installations. Systems should be recommended which can accommodate at least a customer's 2 years requirements.

9.2 Additional cards can be provided at the cost shown below where accommodation for them is available. However as soon as a system reaches the same size as the next standard configurations the equipment code and rentals must be changed.

a) each 12 extension card	70	252
b) each 6 trunk line card	70	252
c) each 6 DDI line card	70	296
d) each 6 superset ext. card	70	252

10. SX2000 VS

The Basic System is composed of: S X 2000VS Cabinet, AC Power, Single Processor, T1F and Cables, 1 X Superset 6DN, Tape Cartridge Unit, 12 SFT Circuits, MS 2005.00 and Medium Bus Machine Software.

		CONNECT CHARGE	QUARTERLY RENTAL
16 + 96	(including 16 Superset ports)	3,200	7,500
24 + 96	(including 32 Superset ports)	3,200	8,000
28 + 96	(including 32 Superset ports and 12 DDI trunks)	3,200	9,000
32 + 128	(including 32 Superset ports)	4,000	9,600
32 + 128	(including 32 + Superset ports and 16 DDI trunks)	4,000	10,700
32 + 144	(including 32 Superset ports)	4,700	10,100
32 + 144	(including 32 Superset ports and 16 DDI trunks)	4,700	11,200

10.1 Card Options

a) ONS 16 extension	70	658
b) LS/GS 8 trunk	70	658
c) DDI 4 trunk DDI	70	658
d) DNIC 8 superset extension	70	658
e) OPS 8 extension	70	816
f) E & M 4 circuit	70	613
g) AC15A 8 circuit	70	1,061

These cards can be provided if accommodation slots are available. However, when a system reaches the same size as the next standard configuration the equipment code and rental must be changed accordingly.

10.2. Instrument Options

a) Superset 4DN	70	84
b) Superset 4DN + data cartridge	70	166
c) Superset 6DN	140	778
d) Superset 7DN	140	2,075

NOTE: The above configurations are standard installations. Larger system will be quoted according to slot occupancy (maximum of 15 slots).

11.	32 + 176	(including 16 Superset parts and 16 DDI trunks)	5,200	14,862
	40 + 224	(including 32 Superset parts 16 DDI trunks)	6,600	16,317
	44 + 276	(including 32 Superset parts and 20 DDI trunks)	8,000	17,964

The above systems include: AC Power, Single Processor, MS 2005.00 and General Business Machine Software, 12 SFT Circuits, Alarm Display Unit, Maintenance Terminal and Printer, Cartridge Tape Unit, TJP and Interconnect Cables, SS7DN. Telephones, Supersets, extension and exchange lines are not included.

12. MITEL SX50 PABX - incl. console

(N.B systems in stock are configured
8+56 or 8+80 and are extensible up to
approx 120 ports)

		CONNECT CHARGE	QUARTERLY RENTAL
12.1	8+40	1926	1851
12.2	8+56	2157	2519
12.3	8+80	2291	2771
12.4	16+96	2830	3526
12.5	Universal card	70	230
12.6	Cov 8 superset extension	70	173
12.7	ONS 16 extension circuit card	70	384
12.8	LS/GS 8 trunk card	70	423
12.9	Superset 4 (plus extn charge)	-	70
12.10	AC15A private wire module	70	423
	12.11 DDI 8 circuit card	70	423
	12.12 Busy lamp field	70	277
	12.13 UK4 Upgrade kit	70	493
	12.14 SX50 Headset	70	85
13.	Printer for call logging	330	250
14.	Additional 4 exch. line card (SX100/200)	70	296
15.	Additional 8 extn. line card (SX100/200)	70	252
16.	Additional superset card (8 per card) (SX100/200)	70	252
17.	SX100/SX200 remote maintenance facility	140	315
18.	SX200 2 circuit DDI card	70	305
19.	Remote display/attendant console	140	189
20.	Superset 4) in addition) to standard	—	70
21.	Superset 3) extension charges	—	35
22.	Stabilic black box) all future) requests to) be specially) assessed	—	61
23.	Voltage stabiliser	--	61
24.	Superset 4 headset	70	71
25.	Headset adapter	70	16
26.	MAINTENANCE CUSTOMER OWNED PABXS (within 20 km of regional office)		
	Up to 100 extensions	—	618
	Up to 200 extensions	—	960
	Up to 300 extensions	—	1235
	Up to 400 extensions	—	1647
	Up to 500 extensions	—	1991
	Up to 600 extensions	—	2335
	Up to 700 extensions	—	2678
	Up to 800 extensions	—	3021
	Up to 900 extensions	—	3365
	Up to 1 000 extensions	—	3708

Spares costing in excess of P100 per item not included. Terms to be reviewed annually.

Locations outside 20 km of regional office to be specially assessed.

NOTE 1 In PABX descriptions the first figure represents the number of exchange lines that can be connected. The second figure represents extensions that can be connected.

NOTE 2 Above charges are for the PABX equipment only. Additional rentals are charged for each line and extensions.

NOTE 3 Some systems are no longer in stock. The prices are quoted for existing installations.

15. TCI PABX

			CONNECT CHARGE	QUARTERLY RENTAL
TCI MAX 24	(includes the console)	-24 port	1415	768
	(no longer offered)	-16 port	1415	644
	(with TE91 console)	-24 port	1415	814
		-16 port	1415	690
TCI MAX 12	(with TE91 console)	-12 port	1072	494

16. LONDON PABX's

London 8	-2+6	320	206
London 16	-4+16	1072	416
Console for London	-16	140	143

LONDON 64 PABX - Incl. console (no longer offered)

N.B. Current systems are configured but are extensible upto 64 ports)

8+32	1647	1511
8+48	2059	2267
8+56	2196	2519

NOTE a) Each exchange line and station telephone connected to the system will attract standard installation and rental charges in addition to those above.

b) External extension possible up to maximum of 50m.

17. UPS SYSTEMS FOR ALL ELECTRONIC EQUIPMENT

(Incorporates protection against lightning and mains power surges as well as standby power)

17.1 UPS should be offered as an option to customers who rent electronic equipment. If an individual customer's maintenance record reflects significant power problems, BTC can insist that a UPS is fitted.

17.2 UPS CHARGES
TYPE OF UPS

	CONNECT CHARGE	QUARTERLY RENTAL
200 VA	118	169
300 VA	118	242
500 VA	118	315
800 VA (now discontinued)	118	411
- 1KVA	118	460
- 2KVA	118	774

Note *Installation is FOC if provided at same time as PABX

17.3 TYPE OF UPS REQUIRED FOR VARIOUS PRODUCTS SAE/CSS
will advise unit as appropriate.

18. KEY SYSTEM RENTALS

18.1 T AND N TR40 KEY SYSTEM RENTALS
(no longer purchased)

	CONNECT CHARGE	QUARTERLY RENTAL
1. One cabinet (maximum 12 ports)	1099	416
2. Two cabinets (maximum 24 ports)	1441	832
3. Three cabinets (maximum 36 ports)	1784	1247
4. Four cabinets (maximum 48 ports)	2121	1663
5. Five cabinets (maximum 60 ports)	2471	2079
6. Six cabinets (maximum 72 ports)	2814	2495
7. Music on hold chip (uses two ports)	70	61
8. Additional cabinet	343	416
9. TR40 telephone	*	35
10. Hands free facility for TR40	*	21
11. Call logging printer	330	250

NOTE: Smallest configuration 2 E/LS and 6 extensions. Maximum exchange lines 12.

18.2 SPECTRUM KEYSYSTEM (no longer purchased) Spectrum Keysystem 6+12

Each Keyset	1099	713
Each standard station	70	57
	70	25

NOTE 1 The system can accommodate up to 4 standard (e.g statesman) station sets and up to 8 Keyset stations.

NOTE 2 The keysets offer handsfree and busy lamp field.

18.3 KEYSYSTEM (MISCELLANEOUS) RENTALS

1 House exchange (no longer offered)	-	114
Switching unit 10 lines	-	353
2 Intercom system (no longer offered)	-	353
3 Intercom Instrument (no longer offered)	-	77

		CONNECT	QUARTERLY
		CHARGE	RENTAL
4	DFG Cockpit (attendant telephone provided) (each additional station at standard rentals) (no longer offered)	278	172
5	a) SOPHO KI Keysystem (no longer purchased)		
	1 + 3 Control Unit	103	72
	SL2 telephone	70	25
	N.B Now only provided as 1+3 with two or three SL2 telephones as required.		
	b) Renown 1+4 control unit	140	96
	KSI telephone	70	25
19.	PMBX		
	PMBX 2+4 (no longer offered)	383	92
	PMBX 2+6 " "	425	114
	PMBX 3+9 " "	459	167
	PMBX 4+18 " "	535	303
	PMBX 5+20 " "	612	336
	PMBX 5+50 " "	689	428
20.	PLAN SETS		
1.	Plan 107 (main with one extension with intercom) -no longer purchased	70	23
2.	Plan 105 (main with two extensions with intercom)- no longer purchased	70	28
3.	Plug and socket arrangements		
	3.1 Additional socket	70	9
	3.2 Two sockets & bell	70	21
NOTE When an extension is provided, add to the above charges the extension charges.			
21.	TELEX RENTALS		
1.	Siemens T 100 machine	450	480
2.	Sagem TX-20 machine	450	480
3.	SAGEM TX 35 ENHANCED MACHINE		
3.1	<u>Standard Unit</u> (including keyboard, central unit integrated printer, 32K memory and 12" V.D.U)	450	560
3.2	<u>Floppy Disc (3.5) Drive</u> for above optional	59*	59
3.3	<u>Tape Punch Reader</u> for above optional	59*	108
*No connection charge if provided at the outset with a standard unit.			
4	Teletswana service machine Gentex service	—	—

	CONNECT CHARGE	QUARTERLY RENTAL
5 Off line machine Siemens T100	120	360
6 Off line machine Sagem TX-20	120	360
7 Telex line only (customer owned machine)	320	220
8 Shift of machine internal removal	164	—
9 Removal of machine cease and provide procedure	450	—
10 Temporary disconnection & recovery for safe custody	70	—
11 TOS for non payment	48	—
12 OS - Subs request	32	—
13 Change of number and/or answerback	70	—
14 ATX special facilities	70	29
15 Change of name for same user	13	—
16 Take over in situ	120	—
17 Cost of work	S.A	
18 Any special charge	S.A	

NOTE Each telex machine can have an answerback of up to 5 letters.

22.

RADIO LICENCE FEES

SECTION A: LICENCES RENEWABLE

ANNUALLY

ANNUAL FEES

1. Stations for use in the amateur or citizen's bands	32
2. Stations for use in the aeronautical service bands:	
a) Fixed station (includes radar navigation and radio-determination stations)	88
b) Aircraft station	148
3. Stations for use in the sound or television broadcast bands:	
a) Fixed station (per radio carrier)	240
b) Mobile (outside) stations	240
4. Stations for use in the band 0-30 MHZ except stations in category 1,2,3,6,7:	
a) Within 10km of Gaborone Main Exchange	284
b) Within 10km of any other exchange	172
c) Not within 10km of any exchange	88
d) Mobile (not to be used within 10KM of any exchange)	88
5. Stations for use in the band 30 MHZ-16GHZ, except stations in category 1,2,3,6,7:	
a) Fixed station (per radio carrier)	88
b) Mobile transceiver station	88
6. Radio transmitter for security:	
a) Base station	88
b) Remote station	44
7. Satellite earth station terminal (fixed or mobile)	616

	ANNUAL FEES
8. Fixed or mobile station for use in the band above 1GHZ, except Stations in category 1,2,3,6,7 (per radio carrier)	240
9. Radio dealer's licence	124
10. Amateur operator's licence	16
11. Experimental station	1232

SECTION B: SINGLE PAYMENT CHARGES

12. Reservation of frequency: Frequencies will only be held for a period of three months unless reapplication is made	one quarter the annual fee applicable to the service proposed
13. Equipment type-approval charge	
a) where a type-approval certificate acceptable to BTC issued by another country is produced	61
b) where type-approval tests are required	actual costs incurred.
14. Sealing or resealing of radio equipment	123

- NOTES:
- Licences in Section A. are renewable on 1st January each year.
 - Where a licence is first issued during the year the full fee is payable for the first year except as follows:
After 1st April, three quarters of the annual fee is payable.
After 1st July, one half of the annual fee is payable.
After 1st October, one quarter of the annual fee is payable.
 - Temporary licences for visitors to Botswana will be issued for periods not exceeding three months at one quarter the annual rate shown above.
 - Fees for services not listed above will be specially assessed.

23. PRIVATE WIRES

	CONNECT CHARGE	QUARTERLY RENTAL
(Within Botswana and exclusive of any terminal equipment)		
1. Internal private wire	70	26
2. PW within customer's curtilage or within same cabinet area		
2400 BPS	190	67
4800 BPS	241	92
9600 BPS	289	111
3. Where 'A' end is the exchange and 'B' end within same exch. area		
2400 BPS	388	138
4800 BPS	482	184
9600 BPS	578	222

		CONNECT CHARGE	QUARTERLY RENTAL
4.	Where 'A' end and 'B' end are in different locations within same exch. area		
	2400 BPS	480	222
	4800 BPS	600	278
	9600 BPS	719	333
5.	Where 'A' end is in one exchange area - and 'B' is in another within the same zone (e.g Gaborone to Lobatse)	charges specially assessed on application see Note 5	
	Charges for a standard circuit as at 1.7.91 are:-	1800	2777
6.	Where 'A' end is in one exchange area and 'B' end is in another in different zones (e.g. Gaborone to Francistown)	charges specially assessed on application see Note 5	
	Charges for a standard circuit as at 1.7.91 are	1800	9110
7.	Modems:		
	Modem 4123 x (300/600/1200 BPS)	70	178
	Modem 4242 x (1200/2400 BPS)	70	267
	Modem 4960FTX (4.8/7.2/9.6 KBPS) includes datel unicast (4001 HX)	70	499
8.	Datel shelf(4006 x) and Datel multicas (4002x) for up to 10 modems		3537

NOTE 1 PW charges are 'per cable pair'. For a four wire circuit charges are doubled, except for paragraphs 5 and 6 where charges are for 2 and 4 wire circuits and irrespective of use (voice, data, etc).

NOTE 2 PW charges are added to leased circuit charges (which only cover international half-circuit and back haul to Gaborone ITSC).

NOTE 3 PWs beyond an established route may raise special construction charges.

NOTE 4 Gaborone is treated as one exchange area. All other auto exchanges and RLUs are exchange areas.

NOTE 5 Charges for all new private wires which extend beyond an exchange boundary will be specially assessed subject to the following conditions:-
5.1 adequate spare capacity exists on the route(s) concerned.

5.2 the circuits are pre-emptible i.e. BTC reserves the right to give customers 30 days notice that service will be terminated and the circuit(s) reserved for B.T.C use.

NOTE 6 Circuits are provided for performance of 2400 BPS. No guarantees can be given for performance at higher speeds.

9. FIBRE OPTIC SYSTEMS

9.1 Debswana/Orapa

20,498

20,190

24. LEASED CIRCUIT RENTAL

	CONNECT CHARGE	QUARTERLY RENTAL
1. Charge Band A		
- telephone	600	10800
- data	600	12000
- telegraph 75 baud	600	4200
- telegraph 50 baud	600	3600
2. Charge Band B		
- telephone	600	14600
- data	600	16200
- telegraph 75 baud	600	5700
- telegraph 50 baud	600	4900
3. Charge Band C		
- telephone	600	37800
- data	600	42000
- telegraph 75 baud	600	14700
- telegraph 50 baud	600	12600
4. Charge Band D		
- telephone	600	48900
- data	600	54400
- telegraph 75 baud	600	19000
- telegraph 50 baud	600	16300
5. Charge Band E		
- telephone	600	59400
- data	600	66000
- telegraph 75 baud	600	23100
- telegraph 50 baud	600	19800
6. Leased circuit data interim charge	--	6000
7. Hubbing equipment	*	143
8. Off line telex (alternative code when billing under telephone number)		

NOTE 1 Private wire charges are added to the leased circuit charges (which only covers international half-circuit and back haul to Gaborone ITSC) to cover the local landline.

NOTE 2 The cost of conditioning a line will be specially assessed.
(s.a). Circuits are provided for performance of 2400 BPS. No guarantees can be given for performance at higher speeds.

25. BTC PAGING

	CONNECT CHARGE	MONTHLY RENTAL
Pager Service	100	85

The subscription charge is payable in full for the month in which a customer first subscribes to use the network. Thereafter the charge will cover a complete calendar month. No rebate is given if a customer is ceased during a month.

The connection charge is payable in full at initial subscription or if a user has been ceased, for whatever reason, and is subsequently reconnected to the system.

Applications for Pager Service will only be accepted from approved dealers.

26. BOTSPAC

	CONNECT CHARGE	QUARTERLY RENTAL
1. <u>Direct Access</u>		
1.1 X.28 Datalink - character mode, asynchronous service		
1200 bps	500	1900
2400 bps	500	2600
9600 bps	500	3600
1.2 X.25 Datalink - packet mode, synchronous service		
2400 bps	3000	2600
9600 bps	3000	3600
48 kbps	5000	10000
64 kbps	5000	10000
1.3 Facility Charges		
a) Reconnection	100	-
b) Modification to facilities (initial facilities set-up is F.O.C.)	360	-
c) Closed User Group	150	50
d) National PVC charge (in addition to port charge) (see 3.3 Note K.)	2000	
1.4 <u>Notes</u>		
a) Line rentals are in addition to the above charges. See Section 22 of Tariff Manual.		
b) Minimum subscription period is 3 months.		
c) PVC = Permanent Virtual Circuit.		

	CONNECT CHARGE	QUARTERLY RENTAL
2. <u>X. 28 Diallink</u> - character mode, dial up asynchronous service		
1200 bps	100	50
2400 bps	100	50
*4800 bps	100	50
*9600 bps	100	50
Reconnection	100	-
Modification to facilities	50	-

Notes

- a) *Subject to local line length
- b) Minimum subscription period is 3 months.
- c) Normal exchange line rentals apply where a new line is required.

3. Usage Charges

3.1 Datalink Access

	<u>Duration/Hour</u>			<u>Volume/Kilosegment</u>		
	<u>Std</u>	<u>D1</u>	<u>D2</u>	<u>Std</u>	<u>D1</u>	<u>D2</u>
National calls (within Botswana)	10	6	6	5	3	3
International calls (bands A & B, within Southern Africa)	20	20	16	20	20	16
International calls (bands C,D,E, rest of world)	30	30	24	30	30	24

3.2 Dial - Link Access

	<u>Duration/Hour</u>		<u>Volume/Kilosegment</u>	
	<u>Std</u>	<u>D1</u>	<u>Std</u>	<u>D1</u>
National calls	15	9	5	3
International (bands A & B)	20	20	20	20
International (bands C,D,E)	30	30	30	30

3.3 Notes on Charging

- a) Minimum charge per call is -
International - 1 minute + 10 segments
National - 50 thebe
- b) Minimum charge is based on Std rate only.
- c) After the first minute charging is in intervals of 6 seconds.
- d) After the minimum volume, charging is per segment.
- e) Std = Standard rate, Monday to Saturday, 0800-1800.
- f) D1 = Rates for all other times.
- g) D2 = Discount rate for users whose traffic exceeds 300 Kilosegments per month (international) from a single network user address.
- h) One segment can contain up to 64 characters (bytes).
- i) No additional usage charges for PVC's
- j) International call charges are inclusive of national Botspac charges.

- k) PVC connection is F.O.C if part of initial set-up. Otherwise charge as modification to facilities.

4. Modem Charges

	CONNECT CHARGE	QUARTERLY RENTAL
Up to 2400 bps	70	267
Up to 9600 bps	70	499
48 kbps to 64 kbps	70	395

MADE this day of 1992

C.J. BUTALE,
*Minister of Works, Transport
and Communications.*