

FORM 17

Ship station licence

No

Date

Renewal: ~~N4~~ per station

Fee on Issue: ~~N4~~ per station

1. Licensee:

of

is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 10, II, 14, 15, 19, 20, 24 and 29

.....
*Director-General or on behalf of the
Director-General*

.....
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

For the purposes of the Conditions:

1. The ship station is licensed for the purpose of:-
 - (i) sending by wireless telegraphy messages to coast stations, ship stations and aircraft stations;
 - (ii) receiving by wireless telegraphy messages sent from coast stations, ship stations, aircraft stations, special service stations and radio-navigation stations, for general reception by ship stations or for reception by the ship station, and messages (including programmes not including visual images sent by television) sent by authorised broadcasting stations;
 - (iii) in emergency only sending and receiving messages to and from any other station for wireless telegraphy with which it is desirable for safety of life reasons that the ship should communicate.
2. When used for sending, the ship station shall be used only with emissions which are of the classes specified in the Schedule, and are on the frequencies specified in the Schedule in relation to these respective classes of emission, and with a power not exceeding that specified in the Schedule in relation to the class of emission and frequency in use at the time.
3. While the ship is within, or within one mile of any port, harbour, or dock or any anchorage in the territorial waters of any country, the ship station shall not be used (except in emergency) for the purpose of sending or receiving messages directly to or from any ship station.
4. No message (other than a distress message) shall be sent to a ship station for onward transmission to any other station for wireless telegraphy, except a coast station or another ship station.
5. No message which is grossly offensive or of an indecent or obscene character shall be sent.

FORM 17-*continued*

6. The ship station, other than the radio-navigation apparatus, shall be operated only by persons authorised by the licensee in that behalf and possessing the written authority of the Director-General to fill the position of operator of a ship's station for wireless telegraphy of the type of the ship station.

For the purposes of the Conditions:

1. The ship station is licensed-
 - (i) to establish sending and receiving stations for wireless telegraphy in the lifeboats and other survival-craft associated with, and normally carried by the ship; and
 - (ii) to use the lifeboat stations in an emergency for sending and receiving by wireless telegraphy such messages as the circumstances may require, and at other times for testing the working of the apparatus comprised in such stations on or in the vicinity of the ship.
2. When used for sending, the lifeboat stations shall be used only with emissions which are of the classes specified in the Schedule in relation to those respective classes of emission, and with a power not exceeding that specified in the Schedule in relation to the class of emission and frequency in use at the time.
3. The lifeboat stations shall be operated only by persons authorised by the licensee in that behalf and possessing the written authority of the Director-General to fill the position of operator in a lifeboat station for wireless telegraphy of the type of the lifeboat station.
4. Provided that nothing in paragraphs (1-3) above shall prevent the use or operation of the lifeboat stations in distress in whatever manner may be necessary for the purpose of attracting attention, making known their position and obtaining help.

FORM 17-continued

Ship station conditions

Call Sign

Classes of Emission	Frequency (Kilocycles)	Mean Radio Frequency Power (in the Unmodulated Conditions)	Remarks

FORM 17-*continued*

For the purpose of the Conditions:

1. The ship station is licensed-
 - (i) to establish a ship's radar sending and receiving station for wireless telegraphy in the ship; and
 - (ii) to use the radar station for sending and receiving signals (not being messages having verbal significance) for the purpose of the determination of the position, bearing or distance, or for the gaining of information as to the presence, absence, position or motion or any object or of any objects of any class.
2. When used for sending, the lifeboat stations shall be used only with emissions which are of the classes specified in the Schedule in relation to those respective classes of emission, and with a power not exceeding that specified in the Schedule in relation to the class of emission and frequency in use at the time.
3. The lifeboat stations shall be operated only by persons authorised by the licensee in that behalf and possessing the written authority of the Director-General to fill the position of operator in a lifeboat station for wireless telegraphy of the type of the lifeboat station.
4. Provided that nothing in paragraphs (1-3) above shall prevent the use or operation of the lifeboat stations in distress in whatever manner may be necessary for the purpose of attracting attention, making known their position and obtaining help.

FORM 17-continued
Lifeboat station conditions

Call Sign

Classes of Emission	Frequency (Kilocycles)	Mean Radio Frequency Power (in the Unmodulated Conditions)	Remarks

FORM 17-continued

For the purposes of the Conditions:

1. The ship station is licensed-
 - (i) to establish a ship's radar sending and receiving station for wireless telegraphy in the ship; and
 - (ii) to use the radar station for sending and receiving signals (not being messages having verbal significance) for the purpose of the determination of the position, bearing or distance, or for the gaining of information as to the presence, absence, position or motion or any object or of any objects of any class.
2. The radar station shall be used only with pulse type emissions and on the frequencies specified in the Schedule hereto.
3. The radar station shall be operated only by persons authorised by the licensee in that behalf.
4. The radar station shall be used only in accordance with the provisions and requirements of the Director-General, Ministry of Transport and Aviation made by or under any regulations under the Merchant Shipping Act from time to time in force.

[Cap. M11.]

NOTES

- (a) The licensee shall render to the Director-General such accounts as the Director-General shall direct in respect of all charges due or payable under the Telecommunications Convention in respect of messages exchanged between the ship station and any stations, and shall pay to the Director-General at such times and in such manner as the Director-General shall direct all sums which shall be due from the licensee for such messages. A certificated statement of any such sums signed on behalf of the Director-General by an officer of the Ministry of Communications authorised in that behalf, shall for all purposes (including the purposes of any proceedings by or against the Federal Government) be sufficient evidence, unless the contrary is proved, of the facts stated therein.
- (b) This licence, the International Radio Regulations and Additional Radio Regulations, the Ministry of Communications Handbook for wireless operators and such other documents as the Director-General may prescribe as necessary for carrying on board the ship in the wireless room, and a copy of sections 10 and 11 of the Wireless Telegraphy Act, shall be exhibited in the wireless room. The licence shall be available for inspection when required by any person acting in the course of his duty on behalf of the Director-General or the Director-General, Ministry of Transport and Aviation and by competent authorities of the countries where the ship calls.
- (c) The call sign of the ship station referred to above shall be used whenever it is necessary to identify the ship station. Such call sign followed by two digits (other than 0 or 1) shall be used to identify any of the lifeboat stations. A different combination of digits shall be used in respect of each lifeboat station.
- (d) The Director-General should be notified promptly of any change in the address of the licensee, or of any change in the stations comprised in this licence. Except as provided below, correspondence about this licence should be sent to the Ministry of Communications, Posts and Telegraphs Division, Transmission and Radio Group, Lagos.

FORM 17 - *continued*

Radar station conditions

Classes of Emission	Frequency (Megacycles)	Pulse characteristics (Pulse Repetition Frequency or Pulse Duration or Pulse Rise Time)	Remarks

FORM 17-continued

For the purposes of the Conditions:

1. The ship station is licensed-
 - (i) to establish a ship's radar sending and receiving station for wireless telegraphy in the ship; and
 - (ii) to use the radar station for sending and receiving signals (not being messages having verbal significance) for the purpose of the determination of the position, bearing or distance, or for the gaining of information as to the presence, absence, position or motion or any object or of any objects of any class.
2. The radar station shall be used only with pulse type emissions and on the frequencies specified in the Schedule hereto.
3. The radar station shall be operated only by persons authorised by the licensee in that behalf.
4. The radar station shall be used only in accordance with the provisions and requirements of the Director-General, Ministry of Transport and Aviation made by or under any regulations under the Merchant Shipping Act (Cap. M11) from time to time in force.

NOTES

- (a) The licensee shall render to the Director-General such accounts as the Director-General shall direct in respect of all charges due or payable under the Telecommunications Convention in respect of messages exchanged between the ship station and any stations, and shall pay to the Director-General at such times and in such manner as the Director-General shall direct all sums which shall be due from the licensee for such messages. A certificated statement of any such sums signed on behalf of the Director-General by an officer of the Ministry of Communications authorised in that behalf, shall for all purposes (including the purposes of any proceedings by or against the Federal Government) be sufficient evidence, unless the contrary is proved, of the facts stated therein.
- (b) This licence, the International Radio Regulations and Additional Radio Regulations, the Ministry of Communications Handbook for Wireless Operators and such other documents as the Director-General may prescribe as necessary for carrying on board the ship in the wireless room, and a copy of sections 10 and 11 of the Wireless Telegraphy Act, shall be exhibited in the wireless room. The licence shall be available for inspection when required by any person acting in the course of his duty on behalf of the Director-General or the Director-General, Ministry of Transport and Aviation and by competent authorities of the countries where the ship calls.
- (c) The call sign of the ship station referred to above shall be used whenever it is necessary to identify the ship station. Such call sign followed by two digits (other than 0 or 1) shall be used to identify any of the lifeboat stations. A different combination of digits shall be used in respect of each lifeboat station.
- (d) The Director-General should be notified promptly of any change in the address of the licensee, or of any change in the stations comprised in this licence. Except as provided below, correspondence about this licence should be sent to the Ministry of Communications, Posts and Telecommunications; Department, International Relations Division, Lagos.
- (e) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller, Finance and Accounts, Ministry of Communications, Posts and Telecommunications Department, Accounts Branch, Lagos.
- (f) Details of requirements as to operators' qualifications, the precise frequencies to be used for communicating with coast stations or other ship stations or aircraft stations, the inspection of the wireless apparatus comprised in the stations, etc., are contained in the Ministry of Communications' Handbook for Wireless Operators, and in "Notices to Ship Wireless Stations" issued by the Director-General.

FORM 17 -continued

- (g) The licence does not authorise the doing of any act which is an infringement of any copyright which may exist in the matter sent or received.
- (h) The licence does not authorise the transmission of music.
- (i) The sending and receipt in emergency of messages to and from stations other than those stated in the licence is prohibited.
- (j) The expression "**wireless telegraphy**" used in this licence has the meaning assigned to it in the Wireless Telegraphy Acts and includes, *inter alia*, radiotelephony.
- (k) Under section 4 of the Wireless Telegraphy Act, it is an offence to use any station or apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender prosecuted.
- (l) If any message, the receipt of which is not authorised by this licence, is received by means of the said stations, neither the licensee nor any person using the said stations should make known the contents of any such message, its origin or destination, its existence or the fact of its receipt, to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied, or made use of. It is an offence under section 10 of the Wireless Telegraphy Act deliberately to receive messages the receipt of which is unauthorised or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such message.

FORM 18

Police, ambulance, humanitarian and fire service licence

No

Date

Renewal: ~~N4~~ per station

Fee on Issue: ~~N4~~ per station

1. Licensee:

of
is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 11, 19 and 24

.....
Director-General or on behalf of the

Director-General

.....
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

THE CONDITIONS

	Call Sign	Frequency and maximum Frequency Tolerance (See "A" Below)
Part I <i>Base Stations(s)</i>		
Part 2		
<i>Mobile Stationsi</i>		

For the purposes of the Conditions:

- A. **"Frequency tolerance"** has the meaning assigned to it in the Telecommunications Convention.
- B. **"The Telecommunications Convention"** means the International Telecommunications Convention signed at Geneva on the 21 st December, 1959, and the Radio Regulations in force thereunder, and includes any Convention and Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller, Finance and Accounts, Ministry of Communications, Lagos.
- (b) If a base station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. Any aerial which crosses above or is liable to fall or to be blown onto any overhead power apparatus shall be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.
- (c) Under section 4 of the Wireless Telegraphy Act it is an offence to use any station or apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted under these Regulations. Breach of this provision may result in this licence being revoked and the offender being prosecuted.

FORM 18-continued

- (d) If any message, the receipt of which is not authorised by the licence, is received by means of the stations, neither the licensee nor any person using the stations should make known the contents of any such message, its origin or destination, its existence or the fact of its receipt, to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied, or made use of. It is an offence under section 10 of the Wireless Telegraphy Act deliberately to receive messages the receipt of which is unauthorised or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such message.
- (e) It is an offence under section 10 of the Wireless Telegraphy Act to send by wireless telegraphy certain misleading messages.

FORM 19A

Private fixed (high frequency) station licence

No

Date

Renewal: ~~N~~400 per station

Fee on Issue: ~~N~~ 400 per station

1. Licensee:

of

is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 10, 11, 15, 19, 20 and 21

.....

.....
*Director-General or on behalf of the
 Director-General*

.....
*(An officer of the Ministry of Communications
 duly authorised in that behalf)*

FORM 19A-continued

Private fixed (high frequency) band station licence
The conditions

Region

Area

Names and Address of Licensee

Category

1	Call Sign 2	Maximum Frequency Tolerance (Para. 0 applies) 3	Bandwidth of Emission (Para. 0 applies) 4	Maximum Effective Radiated Power (Watts) (Paras. A & B apply) 5	Aerial Characteristics (Paras. A & B apply) 6
Fixed Station (1) Fixed Station (2)					Issued 20
Fixed Station (3)					
Fixed Station (4)					
Fixed Station (5)					
Fixed Station (6)					

FORM 19A-continued

For the purposes of the Conditions:

- A. Effective Radiated Power (ERP) is the mean radio-frequency power multiplied by the gain of the antenna in the horizontal plane.
- The mean radio frequency power (Pm), shall be taken as the power supplied to the antenna transmission line by a transmitter during normal operation, averaged over a time sufficiently long compared with the period of the lowest frequency encountered in the modulation. A time of 100 second during which the mean power is greatest shall be selected normally.
- B. Pm, ERP shall be assessed either by measurements or by calculation from the characteristics of the types of apparatus used, at the discretion of the Director-General.
- C. The symbols used to designate the classes of emission have the meanings assigned to them in the Radio Regulations annexed to or in force under the Telecommunications Convention.
- D. **"Bandwidth" and "frequency tolerance"** have meanings assigned to them in the Telecommunications Convention.
- E. **"The Telecommunications Convention"** means the International Telecommunications Convention signed at Geneva on the 21 st December 1959, and the Radio Regulations and Additional Radio Regulations in force thereunder, and includes any Convention and Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) The Director-General shall be notified promptly of any change in the address of the licensee, or of any proposed change in any of the stations comprised in the licence. (Prior authority is needed before any of the stations is established in any vehicle, ship, aircraft or place other than as specified in the Schedule to this licence). Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller of Finance and Accounts, Posts and Telecommunications Headquarters, Lagos.
- (c) If power for the working of any base station is taken from a public electricity supply, no direct connection should be made between the supply mains and the aerial.
- (d) If the base station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus shall be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.
- (e) Other stations may have assigned to them the frequency channels assigned to the stations referred to in the licence. The licensee shall avoid, so far as possible, interfering with the working of other stations. If such interference is caused deliberately, the offender may be liable to prosecution under section 16 of the Wireless Telegraphy Act.
- (f) The connection of any of the stations with the public telephone exchange system shall not be permitted.
- (g) Unless this licence expressly so provides, it does not authorise the relaying of messages received at any station to any other premises or place, or the communicating of such messages to the public, e.g., by loudspeaker.

FORM 19A- *Continued*

- (h) Under section 4 of the Wireless Telegraphy Act it is an offence to use any station or apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.
- (i) If any message, the receipt of which is not authorised by this licence, is received by means of the stations, neither the licensee nor any person using the stations shall make known the contents of any such message, its origin or destination, its existence or the fact of its receipt to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make use of any such message, or allow it to be reproduced in writing, copied or made use of. It is an offence under section 10 of the Wireless Telegraphy Act deliberately to receive messages the receipt of which is unauthorised, or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such messages.
- (j) It is an offence under section 10 of the Wireless Telegraphy Act to send by wireless telegraphy certain misleading messages.
- (k) This licence does not absolve the licensee from obtaining any necessary consent before entering on private property with any apparatus.
- (l) The Director-General regards himself as free to publish at his discretion the licensee's name and address, and the frequencies allotted for his service, unless the licensee specifically asks that this should not be done.
- (m) Every message sent from any of the stations shall start with an announcement of the call sign of the called and calling stations. The call sign of the calling stations shall be repeated at the end of every period of sending provided that no call sign need be announced more than once in any period of one minute. The stations shall be called and identified only by their authorised call signs which are specified in the Schedule hereto.

FORM 19B

Private fixed (very high frequency) station licence

No

Date

Renewal: ~~₹~~300 per station

Fee on Issue: ~~₹~~300 per station

1. Licensee:

of

is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 10, 11, 15, 19, 20 and 21

.....

.....
*Director-General or on behalf of the
Director-General*

.....
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

FORM 19B - *continued*

*Private fixed (very high frequency) band station
licence
The conditions*

Region

Area

Names and Address of Licensee

Category

.....					
.....					
	Call Sign	Frequency and Maximum Frequency Tolerance (Para. 0 applies)	Bandwidth of Emission (Para. 0 applies)	Maximum Effective Radiated Power (Watts) (Paras. A & B apply)	Aerial Characteristics (Paras. A & B)
	2	3	4	5	6
I					
Fixed Station (1)					
Fixed Station (2)					
Fixed Station (3)					Issued 20
Fixed Station (4)					
Fixed Station (5)					
Fixed Station (6)					

FORM 19B -continued

For the purposes of the Conditions:

- A. Effective Radiated Power (ERP) is the mean radio-frequency power multiplied by the gain of the aerial in a horizontal plane.

The mean radio frequency power (Pm), shall be taken as the power supplied to the antenna transmission line by a transmitter during normal operation, averaged over a time sufficiently long compared with the period of the lowest frequency encountered in the modulation. A time of 1/10 second during which the mean power is greatest will be selected normally.

- B. Pm, ERP shall be assessed either by measurements or by calculation from the characteristics of the types of apparatus used, at the discretion of the Director-General.
- C. The symbols used to designate the classes of emission have the meanings assigned to them in the Radio Regulations annexed to or in force under the Telecommunications Convention.
- D. "**Bandwidth**" and "**frequency tolerance**" have meanings assigned to them in the Telecommunications Convention.
- E. "**The Telecommunications Convention**" means the International Telecommunications Convention signed at Geneva on the 21st December 1959, and the Radio Regulations and Additional Radio Regulations in force thereunder, and includes any Convention and Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) The Director-General should be notified promptly of any change in the address of the licensee, or of any proposed change in any of the stations comprised in the licence. (Prior authority is needed before any of the stations is established in any vehicle, ship, aircraft or place other than as specified in the Schedule to this licence). Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller of Finance and Accounts, Posts and Telecommunications Headquarters, Lagos.
- (c) If power for the working of any base station is taken from a public electricity supply, no direct connection should be made between the supply mains and the aerial.
- (d) If the base station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus shall be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.
- (e) Other stations may have assigned to them the frequency channels assigned to the stations referred to in the licence. The licensee should avoid, so far as possible, interfering with the working of other stations. If such interference is caused deliberately, the offender may be liable to prosecution under section 16 of the Wireless Telegraphy Act.
- (f) The connection of any of the stations with the public telephone exchange system shall not be permitted.
- (g) Unless this licence expressly so provides, it does not authorise the relaying of messages received at any station to any other premises or place, or the communicating of such messages to the public, e.g., by loudspeaker.

FORM 19B-continued

- (h) Under section 4 of the Wireless Technology Act, it is an offence to use any station of apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.
- (i) If any message, the receipt of which is not authorised by this licence, is received by means of the stations, neither the licensee nor any person using the stations should make known the contents of any such message, its origin or destination, its existence or the fact of its receipt to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied or made use of. It is an offence under section 10 of the Wireless Telegraphy Act deliberately to receive messages the receipt of which is unauthorised, or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such messages.
- (j) It is an offence under section 10 of the Wireless Telegraphy Act to send by wireless telegraphy certain misleading messages.
- (k) This licence does not absolve the licensee from obtaining any necessary consent before entering on private property with any apparatus.
- (l) The Director-General regards himself as free to publish at his discretion the licensee's name and address, and the frequencies allotted for his service, unless the licensee specifically asks that this should not be done.
- (m) Every message sent from any of the stations shall start with an announcement of the call sign of the called and calling stations. The call sign of the calling stations shall be repeated at the end of every period of sending provided that no call sign need be announced more than once in any period of one minute. The stations shall be called and identified only by their authorised call signs which are specified in the Schedule hereto.

FORM 20A

Private mobile (high frequency) station licence

No

.....
Date

Renewal: ~~₹~~100 per station

Fee on Issue: ~~₹~~100 per station

1. Licensee:

of

is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 10, 11, 15, 19 and 21

.....

.....
*Director-General or on behalf of the
Director-General*

.....

*(All officer of the Ministry of Communications
duly authorised in that behalf)*

FORM 20A-continued

Private mobile (high frequency) station licence
The conditions

Region

Area

Names and Address of Licensee

Category

1	Call Sign 2	Frequency and Maximum Frequency Tolerance (Para. 0 applies) 3	Bandwidth of Emission (Para. 0 applies) 4	Class of Emission (Para. C applies) 5	Maximum Effective Radiated Power (Watts) (Paras. A & B apply) 5	Aerial Characteristics (Paras. A & B apply) 6
Part 1 Base Station						
Part 2 Mobile Station						Issued 20

FORM 20A-continued

For the purpose of the Conditions:

- A. Effective Radiated Power (ERP) is the mean radio-frequency power multiplied by the gain of the aerial in the horizontal plane.
The mean radio frequency power (Pm), will be taken as the power supplied to the antenna transmission line by a transmitter during normal operation, averaged over a time sufficiently long compared with the period of the lowest frequency encountered in the modulation. A time of 1/10 second during which the mean power is greatest will be selected normally.
- B. P_m, ERP will be assessed either by measurements or by calculation from the characteristics of the types of apparatus used, at the discretion of the Director-General.
- C. The symbols used to designate the classes of emission have the meanings assigned to them in the Radio Regulations annexed to or in force under the Telecommunications Convention.
- D. "**Bandwidth**" and "**frequency tolerance**" have meanings assigned to them in the Telecommunications Convention.
- E. "**The Telecommunications Convention**" means the International Telecommunications Convention signed at Geneva on the 21 st December 1959, and the Radio Regulations and Additional Radio Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) The Director-General shall be notified promptly of any change in the address of the licensee, or of any proposed change in any of the stations comprised in the licence. (Prior authority is needed before any of the stations is established in any vehicle, ship, aircraft or place other than as specified in the Schedule to this licence). Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller of Finance and Accounts, Posts and Telecommunications Headquarters, Lagos.
- (c) If power for the working of any base station is taken from a public electricity supply, no direct connection should be made between the supply mains and the aerial.
- (d) If the base station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus must be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.
- (e) Other stations may have assigned to them the frequency channels assigned to the stations referred to in the licence. The licensee should avoid, so far as possible, interfering with the working of other stations. If such interference is caused deliberately, the offender may be liable to prosecution under section 16 of the Wireless Telegraphy Act.
- (f) The connection of any of the stations with the public telephone exchange system shall not be permitted.
- (g) Unless this licence expressly so provides, it does not authorise the relaying or messages received at any station to any other premises or place, or the communicating of such messages to the public, e.g., by loudspeaker.
- (h) Under section 4 of the Wireless Telegraphy Act it is an offence to use any station or apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.

FORM 20A-continued

- (i) **If** any message, the receipt of which is not authorised by this licence, is received by means of the stations, neither the licensee nor any person using the stations shall make known the contents of any such message, its origin or destination, its existence or the fact of its receipt to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and should not retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied or made use of. It is an offence under section 10 of the Wireless Telegraphy Act deliberately to receive messages the receipt of which is unauthorised, or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such message.
- (j) It is an offence under section 10 of the Wireless Telegraphy Act to send by wireless telegraphy certain misleading messages.
- (k) This licence does not absolve the licensee from obtaining any necessary consent before entering on private property with any apparatus.
- (l) The Director-General regards himself as free to publish at his discretion the licensee's name and address, and the frequencies allotted for his service, unless the licensee specifically asks that this should not be done.

FORM 20B

Private mobile (very high frequency) station licence

No

Date

Renewal: ~~£~~1 00 per station

Fee on Issue: ~~£~~1 00 per station

1. Licensee:

of

is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 10, 15, 19 and 21

.....

..... ..

*Director-General or on behalf of the
Director-General*

..... ..

*(An officer of the Ministry of Communications
duly authorised in that behalf)*

"

FORM 20B-continued

*Private mobile (very high frequency) station licence
The conditions*

Region

Area

Names and Address of Licensee

Category

1	Call Sign 2	Frequency and Maximum Frequency Tolerance (Para. D applies) 3	Bandwidth of Emission (Para. D applies) 4	Class of Emission (Para. C applies) 5	Maximum Effective Radiated Power (Watts) (Paras. A & B apply) 5	Aerial Characteristics (Paras. A & B apply) 6
Part 1 Base Station Part 2						
Mobile Station						Issued 20

FORM 20B-continued

For the purposes of the Conditions:

- A. Effective Radiated Power (ERP) is the mean radio-frequency power multiplied by the gain of the aerial in the horizontal plane.
The mean radio frequency power (Pm), will be taken as the power supplied to the antenna transmission line by a transmitter during normal operation, averaged over a time sufficiently long compared with the period of the lowest frequency encountered in the modulation. A time of 1/10 second during which the mean power is greatest will be selected normally.
- B. Pm, ERP will be assessed either by measurements or by calculation from the characteristics of the types of apparatus used, at the discretion of the Director-General.
- C. The symbols used to designate the classes of emission have the meanings assigned to them in the Radio Regulations annexed to or in force under the Telecommunications Convention.
- D. **"Bandwidth"** and **"frequency tolerance"** have meanings assigned to them in the Telecommunications Convention.
- E. **"The Telecommunications Convention"** means the International Telecommunications Convention signed at Geneva on the 21 st December 1959, and the Radio Regulations and Additional Radio Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) The Director-General shall be notified promptly of any change in the address of the licensee, or of any proposed change in any of the stations comprised in the licence. (Prior authority is needed before any of the stations is established in any vehicle, ship, aircraft or place other than as specified in the Schedule to this licence). Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller of Finance and Accounts, Posts and Telecommunications Headquarters, Lagos.
- (c) **If** power for the working of any base station is taken from a public electricity supply, no direct connection shall be made between the supply mains and the aerial.
- (d) If the base station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus shall be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.

FORM 21

Training establishment licence

No

Date

Renewal: ₦2 per station

FORM 21-continued

Fee on Issue: ~~N~~2 per station

1. Licensee:
of
is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 10, 11,14, 15, 19,20,21
and 24

.....

.....
*Director-General or on behalf of the
Director-General*

.....
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

FORM 21-continued

Training establishment licence
The conditions

Call Sign:

Frequency and Maximum Frequency Tolerance (See A Overleaf) 1	Bandwidth of Emission (See B Overleaf) 2	Class of Emission (See B Overleaf) 3	Pulse characteristics (pulse repetition frequency, or pulse duration, or pulse rise time) (See C Overleaf) 4	Maximum radiated power (mean radio frequency power, or peak radio frequency power or effective radiated power) (See D & E Overleaf) 5	Aerial Characteristics (See E Overleaf) 6	Other Stations with which the Licensee may establish communication on the frequencies shown 7

FORM 21 -continued

For the purposes of the Conditions:

- A. **"Bandwidth"** and **"frequency tolerance"** have the meanings assigned to them in the Telecommunications Convention.
- B. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunications Convention.
- C. Pulse repetition frequency (PRF) is the reciprocal of the interval separating corresponding points (e.g., 50 per cent of the peak amplitude) of successive pulses.
- Pulse duration of any specific pulse is the interval between the first and the last instants at which the instantaneous amplitude reaches 50 per cent of the peak amplitude.
- Pulse rise time is the time taken during any specific pulse for the amplitude to increase from 10 per cent to 90 per cent of the peak amplitude.
- D. Effective Radiated Power (ERP) is the mean radio frequency power multiplied by the gain of the antenna in the horizontal plane.
- Mean radio frequency power P_m shall be taken as the power supplied to the antenna transmission line by a transmitter during normal operation, averaged over a time sufficiently long compared with the period of the lowest frequency encountered in the modulation. A time of 1/10 second during which the mean power is greatest will be selected normally.
- Peak Radio Frequency Power (RFPP) is the average power supplied to the antenna transmission line by a transmitter during one radio frequency cycle at the highest crest of modulation envelope, taken under conditions of normal operation.
- E. RFPP, RFPm and the aerial characteristics shall be assessed either by measurements, or by calculation from the characteristics of the types of apparatus used, at the discretion of the Permanent Secretary.

NOTES

- (a) The Director-General shall be notified promptly of any change in the address of the licensee, or of any proposed change in any of the stations comprised in the licence. Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller, Finance and Accounts, Ministry of Communications, Posts and Telecommunications Department, Accounts Branch, Lagos.
- (c) If power for the working of the station is taken from a public electricity supply, no direct connection shall be made between the supply mains and the aerial.
- (d) If the station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus shall be guarded to the reasonable satisfaction of the owner of the power wire or power apparatus concerned.
- (e) This licence shall not authorise the licensee to do any act which is an infringement of any copyright which may exist in the matter sent or received.
- (f) This licence shall not authorise the use of the station for advertising or propaganda purposes, or for the sending or reception of messages for the purpose of conveying news or any other information not directly related to the purpose of the testing of the wireless telegraphy apparatus.

FORM 21-continued

- (g) Under section 4 of the Wireless Telegraphy Act, it is an offence to use any station or apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.
- (h) **If** any message, the receipt of which is not authorised by this licence, is received by means of the station, neither the licensee nor any person using the station shall make known the contents of any such message, its origin or destination, its existence or the fact of its receipt, to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied, or made use of. It is an offence under section 10 of the Wireless Telegraphy Act deliberately to receive messages the receipt of which is unauthorised or, (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such message.
- (i) It is an offence under section 10 of the Wireless Telegraphy Act to send by wireless telegraphy certain misleading messages.
- (j) For Training in Wireless Telegraphy Station:
- (i) The station shall be used for the purpose of--
 - (a) sending messages intended solely for reception within the room in which the station is situated;
 - (b) receiving such messages;
 - (c) receiving messages sent for general reception from authorised broadcasting stations; and
 - (d) receiving signals sent from radio-determination stations and messages consisting of navigational warnings, gale warnings, and weather reports sent from coast stations and aeronautical ground *stations, for reception by ship stations and aircraft stations respectively.
 - (ii) The station shall be used for the purpose of instructing pupils in the theory and practice of wireless telegraphy.
 - (iii) The station shall be operated only by or in the presence of responsible instructors who are qualified to use the apparatus comprised in the station in accordance with the licence and no person who is not authorised by the licensee in that behalf shall operate the station.
 - (iv) The station shall be used only under suppressed radiation conditions, that is to say, in such a way that no electro-magnetic energy capable of reception by any station or apparatus for wireless telegraphy situated outside the curtilage of the premises in which the station is situated shall avoidably be emitted from the station.
- (k) For Training in Radar Station:
- (i) The radar station shall be used for sending and receiving signals (not being messages having a verbal significance) for the purposes of the determination of position, bearing or distance or for the gaining of information as to the presence, absence, position or motion of any object or of any objects of any class.
 - (ii) The radar station shall be used only for the purposes of instructing pupils in the theory and use of radar equipment.
 - (iii) The radar station shall be used only with pulse type emissions which shall be confined within the frequency bands specified in the Schedule.

FORM 21 -continued

- (iv) The radar station shall be operated only by or in the presence of instructors authorised by the licensee, and no person who is not authorised by the licensee in that behalf shall operate the radar station.
- (v) A record shall be kept in a book of any approved type (not loose-leaf) of all use of radar stations showing the date and time of each period of use and the frequency and class of emission employed. No gaps shall be left between entries in the record. The record shall be initialled by the instructor at the end of each period of instruction during which the radar station is used.

"Aeronautical ground stations for reception by ship stations and aircraft stations respectively.

FORM 21-continued

*Induction communication
licence
The conditions*

	Frequency Bands (Kc/s.)	Classes of Emission (See A below)	Maximum Radiated Field
Fixed Station (1)		Al. A2, A3, F1 , F2, F3	The radiated field at 100 yards from the radiating system shall not exceed 20 mY <i>lm</i> .
(2)			
(3)			
(4)			
(5)			
(6)			

FORM 22

Induction/paging (v.h. f) communication licence

No

.....

Date

Renewal:

Fee on Issue:

1. Licensee:

of
is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 11, 14, 15, 19, 20 and 21

.....

.....
*Director-General or on behalf of the
Director-General*

.....
..
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

FORM 22-continued

Induction/paging (v.h.f.) communication licence
the conditions

	Frequency Bands (Kc/s.) Mc/s.	Classes of Emission (See A below)	Maximum Radiated Field
Fixed Station (1)		AI, A2, A3, FI, F2, F3	The radiated field at 100 yards from the radiating system shall not exceed 20 mV/m.
Mob Station (2)			
(3)			
(4)			
(5)			
(6)			
(7)			
(8)			
(9)			
(10)			

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FORM 22-continued

For the purposes of the Conditions:

- A. The symbols used to designate the classes of emission have the meanings assigned to them in the Radio Regulations annexed to or in force under the Telecommunications Convention.
- B. **"The Telecommunications Convention"** means the International Telecommunications Convention signed at Geneva on the 21st December 1959 and the Radio Regulations and Additional Radio Regulations in force thereunder, and includes any Convention and Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) The stations shall be used only within the frequency bands and with emissions of the classes and with the maximum radiated field, which are respectively specified in the Schedule hereto.
- (b) The stations shall be operated only by persons authorised by the licensee in that behalf and the licensee shall ensure that such persons observe the conditions of the licence at all times.

FORM 23

Amateur (sound) licence

No

Date

Renewal: ~~N6~~ per station

Fee on Issue: ~~N6~~ per station

I. Licensee:

of
is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 11, 14, 15, 19, 20, 21, 25, 32, 33 and 34

.....
*Director-General or on behalf of the
Director-General*

.....
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

CONDITIONS

Call Sign

1. The licensee is licensed to-

- (a) establish an amateur sound sending and receiving station for wireless telegraphy (hereinafter called "the station") at-
 - (i) (hereinafter called "the main address"); or
 - (ii) any premises or location in Nigeria (hereinafter called "the temporary alternative address or location") for separate periods none of which shall exceed four consecutive weeks; or
 - (iii) any premises in Nigeria (hereinafter called "alternative address"):

Provided that the Director-General is notified in writing in advance by the licensee of the address at which the station is to be established
- (b) to use the station for the purpose of sending to, and receiving from, other amateur stations as part of self-training of the licensee in communication by wireless telegraphy;
 - (i) messages in plain language which are remarks about matters of a personal nature in which the licensee or the person with whom he is in communication has been directly concerned;
 - (ii) signals (not being in secret code or cypher) which form part of, or relate to, the transmission of such messages.
- (c) to use the station, as part of self-training of the licensee in communication by wireless telegraphy during disaster relief operations conducted by the Nigerian Red Cross Society, or any police force in Nigeria, or during any exercise relating to such operations, for the purpose of sending to other amateur stations such messages as the licensee may be requested by the said society or such police force to send, and receiving from any other amateur station such messages as the person licensed to use such other amateur station may be requested by the said Society or such police force to send.

2. This licence is subject to the following limitations-

- (a) The station shall be used only with emissions which are of the classes specified in clause 3 of the Schedule hereto and are within the frequency bands specified in clause 3 of the Schedule in relation to those respective classes of emission, and with a power not exceeding that specified in clause 3 of the Schedule hereto in relation to the class of emission and frequency band in use at the time.
- (b) The station shall be operated only-
 - (i) by the licensee personally; or
 - (ii) in the presence of and under the direct supervision of the licensee by any other person who holds a valid amateur licence or who holds an amateur radio certificate issued or approved by the Director-General.
- (c) Messages shall not be broadcast to amateur stations in general, but shall be sent only to amateur stations with which communication is established separately and singly, or to groups of particular amateur stations with which communication is established collectively.

FORM 23-continued

- (d) No amateur licence shall be deemed to authorise the use of the station for business, advertisement, propaganda purposes, subversive activity, or (except as provided in clause I (c) herein) for sending of news or messages of, or on behalf of, or for the benefit or information of, any social, political, religious or commercial organisation, or anyone other than the licensee or the person with whom he is in communication.

Frequency Bands (in Mc/s)	Classes of Emission (see "A" below)	Maximum D.C. Input Power (see "B" below)
* 1.8 – 2		10 watts
3.5 – 3.8	A1, A2, A3, A3a	150 watts
7 – 7.10	F1, F2 and F3	
14 – 14.35		
21 – 21.45		
28 – 30		
*144 – 144.5	A1, A2, A3 and A3a	25 watts mean power and 2.5 kilowatts peak power
*144.5 – 145.5	A1, A2, A3a F1, F2 and F3	
145.5 – 146	A1, A2, A3 and A3a	
*430 – 440	A1,	
*1,215 – 1,300 2,300 – 2,450 5,650 – 5,850 *10,000 – 10,500	A1, A2, A3, A3a F1, F2 and F3	
*2,350 – 2,400	P1, P2d, P2e P3d and P3e	

**these bands are shared by other services.*

- A. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunications Convention.
- B. D.C. input power is the total direct current power input to the anode circuit of the valve(s) energising the aerial.
- (a) The Director-General shall be notified promptly of any change in the address of the licensee. Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.

FORM 23-continued

- (b) Remittances and correspondence about payments to the Director-General required under this licence shall be sent to the Controller, Finance and Accounts, Ministry of Communications, Lagos. It is unnecessary to send the licence when making remittances.
- (c) If the station is situated within half a mile of the boundary of any aerodrome, the height of the aerial or any mast supporting it must not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus shall be guarded to the reasonable satisfaction of the owner of the power apparatus concerned.
- (d) This licence shall not authorise the licensee to do any act which is an infringement of any copyright which may exist in the matter received.
- (e) For the reception of broadcast programmes a separate broadcast receiving licence is necessary.
- (f) If power for the working of the station is taken from a public electricity supply, no direct connection shall be made between the supply mains and the aerial.
- (g) Demands for closing down (see clause II) can be expected to be received, *inter alia*, in connection with national emergencies or when interference is being caused to Government wireless stations or other important services.
- (h) Under section 4 of the Wireless Telegraphy Act, it is an offence to use any station or apparatus for wireless telegraphy except under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.
- (i) If any message, the receipt of which is not authorised by this licence, is received by means of the station, neither the licensee nor any person using the station should make known the contents of any such message, its origin or destination, its existence or the fact of its receipt to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make any use of any such message, or allow it to be reproduced in writing, copied or made use of. It is an offence under section 10 of the Wireless Telegraphy Act, deliberately to receive messages the receipt of which is unauthorised or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, sender or addressee of any such message.
- (j) It is an offence under section 10 of the Wireless Telegraphy Act to send by wireless telegraphy certain misleading messages.
- (k) The Director-General regards himself as free to publish the licensee's name and address at his discretion unless he specifically asks that this should not be done.
- (l) The expression "**wireless telegraphy**" used in this Licence has the meaning assigned to it in the Wireless Telegraphy Act, and includes, *inter alia*, radio-telephony.

FORM 24

Amateur (sound mobile) licence

No

.....
Date

Renewal: ~~N~~ 10 per station

Fee on Issue: ~~N~~ 10 per station

I. Licensee:

of

is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 11, 14, 15, 19, 20, 21, 25, 32, 33 and 34

.....

*Director-General or on behalf of the
Director-General*

.....

*(An officer of the Ministry of Communications
duly authorised in that behalf)*

THE CONDITIONS

Call Sign

1. The licence is supplemental to an amateur (Sound) licence (hereinafter called "the main licence").

2. The licensee is licensed to-

(a) establish an amateur sending and receiving station for wireless telegraphy (hereinafter called "the station") in any vehicle or vessel; and

(b) use the station for the purposes referred to in the main licence.

3. The terms, provisions and the limitations contained in the main licence shall apply to this licence as if they were incorporated herein:

Provided that:

(a) clause 1 (a) of the main licence shall not apply to this licence;

(b) clause 6 of the Schedule hereto shall apply instead of clause 3 or the Schedule to the main licence.

4. The station shall not be established or used on the sea or within any estuary, dock or harbour.

5.1 The call sign as contained in clause 6 hereto shall be used when the station is operated. No abbreviated form of the call sign shall be used. 5.2 Particulars of the location of the station shall be sent at the beginning and the end of establishment of communication with each separate area station or at intervals of half an hour, whichever is more frequent.

FORM 24-continued

Conditions of Frequency, Emissions and Power.

Call Sign

Frequency Bands (in Mc/s)	Classes of Emission (see "A" below)	Maximum D.C. Output Power (see "B" below)
*1.8 – 2	A1, A2, A3, A3a F1, F2 and F3	10 watts
*3.5 – 3.8 7 – 7.10 14 – 14.35 21 – 21.45 28 – 30	A1, A2, A3, A3a F1, F2 and F3	150 watts
*144 – 144.5	A1, A2, A3 and A3a	150 watts
*144.5 – 145.5	A1, A2, A3, A3a F1, F2 and F3	
145.5 – 146	A1, A2, A3 and A3a	
*430 – 440 *1,215 – 1,300 2,300 – 2,450 5,650 – 5,850 *10,000 – 10,500	A1, A2, A3, A3a F1, F2 and F3	
*2,350 – 2,400 5,700 – 5,800 – 10,000 – 10,450	P1, P2d, P2e P3d and P3e	

*These bands are shared by other services.

FORM 25

Amateur (television) licence

No

Date

Renewal: ₦20 per station

Fee on Issue: ₦20 per station

1. Licensee:

of
is hereby licensed in accordance with particulars on the attached conditions.

2. The special conditions governing the licence are as in regulations 8, 11, 14, IS, 19, 20, 21, 25 and 32

.....
*Director-General or on behalf of the
Director-General*

.....
*(An officer of the Ministry of Communications
duly authorised in that behalf)*

THE CONDITIONS

1. (1) The licensee is licensed to-

(a) establish an amateur television sending and receiving station for wireless telegraphy (hereinafter called "the station") at
.....
and

(b) use the station for the purpose of -

- (i) sending to and receiving from other amateur television stations with which communication is separately and singly established, as part of the self-training of the licensee in communication by wireless telegraphy, visual images for the purpose of investigation in wireless telegraphy of the licensee or the person with whom he is in communication;
- (ii) sending by radio telephony or morse telegraphy messages relating solely to the matter connected with the sending and receiving of the said visual images;
- (iii) sending the call sign of the station by radio telephony or by morse telegraphy; and
- (iv) receiving messages from other amateur stations.

(2) No amateur licence shall be deemed to authorise the use of the station for business, advertisement, propaganda purposes, subversive activity, for sending of news or messages of, or on behalf of, or for the benefit of information of, any social, political, religious or commercial organisation, or anyone other than the licensee or the person with whom he is in communication.

Call Sign

FORM 25-continued

2.

Frequency Bands (in Mc/s)	Class of Emission (See "A" below)	Maximum D.C. Input Power (in watts) (See "B" below)
*425 – 455	AI, A2, A3, A5	150
1,225 – 1,290	FI, F2, F3 or F5	
2,300 – 2,450		
5,650 – 5,850		
10,000 – 10,500		

For the purposes a/the Conditions:

- A. The symbols used to designate the classes of emission have the meanings assigned to them in the Telecommunications Convention.
- B. D.C. input power is the total direct current power input to the anode circuit of the valve(s) energising the aerial in the fully modulated condition, e.g., peak white in an amplitude modulated positive modulation system, and peak black in an amplitude modulated negative modulation system.

NOTES

- (a) The Director-General shall be notified promptly of any change in the address of the licensee, or of any proposed change in the station comprised in this licence. The licence does not authorise the establishment of the station at any address other than the one specified in the licence. Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittance and correspondence about payment to the Director-General, required under this licence, shall be sent to the Controller of Finance and Accounts, Ministry of Communications, P. & T. Department, Accounts Branch, Lagos. It is unnecessary to send the licence when making remittances.
- (c) If the station is situated within half a mile of the boundary of any aerodrome, the height of any aerial used or any mast supporting it shall not exceed fifty feet above the ground level. An aerial which crosses above or is liable to fall or to be blown onto any overhead power wire (including electric lighting wires) or power apparatus must be guarded to the reasonable satisfaction of the owner of the power apparatus concerned.
- (d) This licence does not authorise the licensee to do any act which is an infringement of any copyright which may exist in the matter sent or received.
- (e) For the reception of broadcast television or sound programmes a separate broadcasting television or sound receiving licence (as the case may be) is necessary.
- (f) Under section 4 of the Wireless Telegraphy Act, it is an offence to use any station or apparatus for wireless telegraphy otherwise than under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.
- (g) If any message, the receipt of which is not authorised by this licence is received by means of the station, neither the licensee nor any person using the station shall make known the contents of any such message, its origin or destination, its existence or the fact of its receipt, to any person except a duly authorised officer of the Federal Government or a competent legal tribunal, and shall not retain any copy or make use of any such message, or allow it to be reproduced in writing, copied, or made use of.

FORM 25-continued

- (k) It is an offence under section 10 of the Wireless Technology Act deliberately to receive messages, the receipt of which is unauthorised, or (except in the special circumstances mentioned in that section of the Act) to disclose any information as to the contents, senders, or addressee of any such message.
- (i) The expression "**Wireless Telegraphy**" used in this licence has the meaning assigned to it in the Wireless Telegraphy Act and includes *inter alia* television and radio-telephony.
- (j) The station shall be operated only by the licensee personally provided that any device used for converting visual images into electrical signals for the purpose of being sent may be operated under the licensee's personal supervision by another person.
- (k) The station shall not be used for the sending of any visual image which in the opinion of the Director-General is of an objectional character.
- (l) The station shall not be used for the sending of any image on behalf of any other person.
- (m) Immediately before and immediately after each period of sending, and not less frequently than once every thirty minutes, the call sign shall be sent for identification purposes either by hand-operated morse telegraphy using modulated continuous wave emissions at a speed not greater than twelve words per minute, or telephonically, on the frequency which is to be or which has been used for the sending of visual images.
- (n) A representation in visual form of the call sign shall be sent at the beginning and end of each period of sending visual images produced by scanning methods.

FORM 26

Model control licence

No

Date

Renewal: ~~₹~~ 10 per station

Fee on Issue: ~~₹~~ 10 per station

I. Licensee:

of

is hereby licensed in accordance with attached conditions.

2. The special conditions governing the licence are as in regulations 8, 11, 15, 19, 20, 21 and 26....

.....

.....
*Director-General or on behalf of the
Director-General*

.....
(An officer of the Ministry of Communications
duly authorised in that behalf)

FORM 26-continued

THE CONDITIONS

Frequency Bands (in Mc/s)	Class of Emission (See "C" below)	Maximum Effective Radiated Power (watts) (See "A" & "B")
26.96 – 27.28	A1, A2, F1, F2	1.5
464 – 465	A1, A2, F1, F2	0.5

Note: The station shall be established and used only within a radius of five miles of

For the purpose of the Conditions:

- A. The station shall be operated only-
 - (i) by the licensee personally; or
 - (ii) in the presence of and under the direct supervision of the licensee, by any other person authorised by him.
- B. Effective Radiated Power (ERP) is the power supplied to the antenna multiplied by the relative gain of the antenna in a given direction.
The mean Radio Frequency Power (Pm) shall be taken as the power supplied to the antenna transmission line by a transmitter during normal operation, averaged over a time sufficiently long compared with the period of the lowest frequency encountered in the modulation. A time of 1/10 second during which the mean power is greatest shall be selected normally.
- C. Pm, ERP shall be assessed either by measurements or by calculation from the characteristics of the types of apparatus used, at the discretion of the Director-General.
- D. The symbols used to designate the classes of emission, have the meanings assigned to them in the Radio Regulations annexed to or in force under the Telecommunications Convention.
- E. **"The Telecommunications Convention"** means the International Telecommunications Convention signed at Geneva on the 21st December 1959, and the Radio Regulations and Additional Radio Regulations in force thereunder, and includes any Convention and Regulations which may from time to time be in force in substitution for or in amendment of the said Convention or the said Regulations.

NOTES

- (a) The Director-General shall be notified of any change in the address of the licensee. Except as provided below, correspondence shall be sent to the Ministry of Communications, Posts and Telecommunications Department, International Relations Division, Lagos.
- (b) Remittances and correspondence about payment to the Director-General required under this licence, shall be sent to the Controller of Finance and Accounts, Ministry of Communications, Posts and Telecommunications Department, Accounts Branch, Lagos.
- (c) If power for the working of the station is taken from a public electricity supply, no direct connection shall be made between the supply made and the aerial.
- (d) The licensee is advised to check the frequency of the sending apparatus whenever it has been subjected to rough treatment and if the sending apparatus is not crystal-controlled, to check the frequency as shortly before the apparatus is used as is practicable.
- (e) Under section 4 of the Wireless Telegraph Act, it is an offence to use any station or apparatus for wireless telegraphy except under and in accordance with a licence granted by the Director-General. Breach of this provision may result in this licence being revoked and the offender being prosecuted.

SIXTH SCHEDULE

Statutory declaration regarding secrecy of wireless communications

No

I,
of
do solemnly and sincerely declare-

1. That I will hold strictly secret all wireless telegraphic or telephonic or other communications that may pass through my hands or come to my knowledge in the execution of the wireless telegraphic or telephonic duties entrusted to me.

2. That I will not directly or indirectly divulge to any person (other than a properly authorised official of the Nigerian Government or a competent legal tribunal), or make any use whatever of any message or information coming to my knowledge by reason of the licensed installation. If employed as an operator at a station licensed to conduct commercial traffic, I will not give any information directly or indirectly respecting such messages or communications except to the persons for whom such messages or communications are intended or to any authorised officials of the Nigerian Government or authorised official of my employer.

3. That I will not transmit or cause to be transmitted by wireless telegraphy or telephony any message received by me for transmission or delivery or cause to be delivered to any person any messages received by me by wireless telegraphy or telephony, unless the delivery of such message has been approved by the Director-General or by an officer duly authorised by him to approve thereof.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act (Cap. 0 I).

Declared at this , day of20

Before me

NOTE.-To be signed before a Justice of the Peace or a Commissioner for Oaths. Any person who makes a false statement in the Statutory Declaration is guilty of an offence and is liable to imprisonment. (Sections 162, 164 and 187 of the Criminal Code Act, Cap. C38, also sections 10 and II of the Wireless Telegraphy Act, Cap. W5.)

SEVENTH SCHEDULE

1. First Class Radio Operator's Certificate.
2. Second Class Radio Operator's Certificate.
3. Special Certificate of Competence in Radiotelegraphy.
4. General Certificate of Competence in Radiotelephony.
5. Amateur Radio Operator's Certificate.

*Certificate of competence in radiotelegraphy
first class*

No

This is to certify that, under the provisions of the Radio Regulations relating to the International Telecommunications Convention, Mr
has been examined in Radiotelegraphy and has passed in-

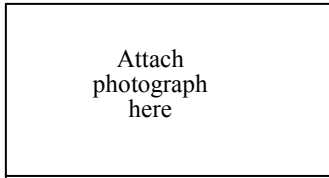
(a) The general principles of electricity and theory of radio.

SEVENTH SCHEDULE-continued

- (b) The adjustment, maintenance, and practical working of radiotelegraph, radiotelephone and D.F. apparatus, including accessory apparatus used in the ship/aircraft service.
- (c) The taking of radio direction-finding bearings.
- (d) Sending and receiving, in Morse Code, messages in plain language at a speed of not less than 25 words a minute, and in code groups at a speed of not less than twenty groups a minute.
- (e) Sending and receiving spoken messages correctly by telephone.
- (f) Detailed knowledge of the Regulations applying to the exchange of radio-communications, and of that part of the Convention for the Safety of Life at Sea/Air which relates to radio communications.
- (g) Knowledge of the principal maritime/air navigation routes and the most important communication routes of the world.

It is also certified hereby that the holder has made a declaration that he will preserve the secrecy of correspondence.

Signature of Examining Officer



Date

Signature of holder

Date of birth

Place of birth

DESCRIPTION OF HOLDER

Height ft inches.

Colour of eyes

Colour of hair

Complexion

Any special peculiarities

.....

No.

AUTHORITY TO OPERATE GRANTED BY THE DIRECTOR-GENERAL

The holder of this certificate is hereby authorised to operate a licensed wireless telegraphy station, as a first-class operator, on board any Nigerian ship/aircraft registered in Nigeria.

.....

*Director-General, Ministry of Communications,
Lagos*

Date

SEVENTH SCHEDULE-continued

This Certificate may be endorsed or withdrawn at the discretion of the Director-General in the case of misconduct or breach of the Wireless Telegraphy Regulations on the part of the holder; and is subject to recall without reason given, at three months' notice. Unless so withdrawn or recalled, it will continue to be valid as long as the provisions of the Radio Regulations permit.

*Certificate of competence in radiotelegraphy
second class*

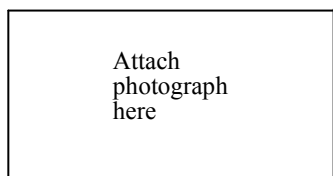
No

This is to certify that, under the provisions of the Radio Regulations relating to the International Telecommunications Convention, Mr
has been examined in Radiotelegraphy and has passed in-

- (a) Elementary theoretical and practical knowledge of electricity and radio.
- (b) The adjustment, maintenance, and practical working of radiotelegraph, radiotelephone, and D.F. apparatus including accessory apparatus used in the Ship/Aircraft Service.
- (c) The taking of radio direction-finding bearings.
- (d) Sending and receiving, in Morse Code, messages in plain language at a speed of not less than twenty words a minute, and in code groups at a speed of not less than sixteen groups a minute.
- (e) Sending, and receiving spoken messages correctly by telephone.
- (f) Knowledge of the Regulations applying to the exchange of radio-communications of the documents relative to the charges for radio-communications, and of that part of the Convention for the Safety of Life at Sea/Air which relates to radio-communication.
- (g) Knowledge of the principal maritime/air navigation routes and the most important telecommunication routes of the world.

It is also certified hereby that the holder has made a declaration that he will preserve the secrecy of correspondence.

Signature of Examining Officer



Date

Signature of holder

Date of birth

Place of birth

DESCRIPTION OF HOLDER

Height ft inches.

Colour of eyes

SEVENTH SCHEDULE-continued

Colour of hair
Complexion
Any special peculiarities
.....

No.

AUTHORITY TO OPERATE GRANTED BY THE DIRECTOR-GENERAL

The holder of this certificate is hereby authorised to operate a licensed wireless telegraphy station of any type on a Nigerian ship/aircraft as a second-class operator.

.....
*Director-General, Ministry of Communications,
Lagos*

Date

This Certificate may be endorsed or withdrawn at the discretion of the Director-General in the case of misconduct or breach of the Wireless Telegraphy Regulations, on the part of the holder; and is subject to recall without reason given, at three months' notice. Unless so withdrawn or recalled, it will continue to be valid as long as the provisions of the Radio Regulations permit.

*Special certificate of competence in radiotelegraphy granted by the
Ministry of Communications, Nigeria*

No.

This is to certify that, under the provisions of the Radio Regulations relating to the International Telecommunications Convention, Mr has been examined in Radiotelegraphy and possesses the following qualifications-

- (a) Knowledge of the elementary principles of Radiotelegraphy.
- (b) Adequate knowledge of the working and adjustment of the apparatus.
- (c) Knowledge of the Regulations applying to the exchange of radiotelegraphic traffic.
- (d) Ability to transmit and receive in Morse Code, messages in plain language, at a speed of sixteen groups a minute.

The holder's practical knowledge of adjustment was tested in apparatus of the following type

.....
It is also certified hereby that the holder has made a declaration that he will preserve the secrecy of correspondence.

Signature of Examining Officer

Date

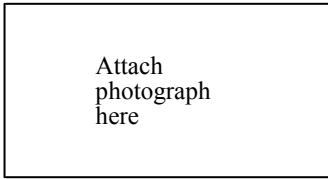
The holder of this certificate is therefore authorised to operate wireless telegraph apparatus as an operator on board a radiotelephony ship station or any ship where radiotelegraphs installation is installed but not prescribed by International Agreement.

SEVENTH SCHEDULE-continued

.....
*Director-General or Authorised Officer of the
Ministry of Communications*

Signature of Holder.....

Date of birth Place of birth



DESCRIPTION OF HOLDER

Height ft inches.

Colour of eyes

Colour of hair

Nationality

This Certificate should be preserved.

This Certificate may be endorsed or withdrawn at the discretion of the Director-General in the case of misconduct or breach of the Wireless Telegraphy Regulations on the part of the holder; and is subject to recall without reason given, at three months' notice. Unless so withdrawn or recalled, it shall continue to be valid as long as the provisions of the Radio Regulations permit.

General certificate of competence in radiotelephony

No

This is to certify that under the provisions of the Radio Regulations relating to the International Telecommunications Convention, Mr has been examined in Radiotelephony and has passed in-

- (a) Detailed knowledge of the practical operation and adjustment of radiotelephone apparatus.
- (b) Sending and receiving spoken messages correctly by telephone.
- (c) Detailed knowledge of the Regulations applying to radiotelephone communications and specifically of that part of those Regulations relating to the Safety of Life.

It is also hereby certified that the holder has made a declaration that he will preserve the secrecy of correspondence.

Signature of Examining Officer

Date

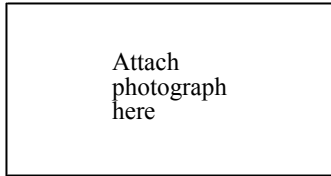
AUTHORITY TO OPERATE

The holder of this Certificate is hereby authorised to operate a licensed radiotelephone station on board a Nigerian ship/aircraft equipped with a radiotelephone installation.

SEVENTH SCHEDULE-continued

.....
*Director-General, Ministry of Communications,
Lagos*

Date
Signature of holder
Date of birth
Place of birth



Description of holder
Height ft inches.
Colour of eyes
Colour of hair
Complexion
Any special peculiarities

This Certificate may be endorsed or withdrawn at the discretion of the Director-General in the case of misconduct or breach of the Wireless Telegraphy Regulations on the part of the holder; and is subject to recall without reason given, at three months' notice. Unless so withdrawn or recalled, it shall continue to be valid as long as the provisions of the Radio Regulations permit.

*Amateur radiotelegraphy certificate granted by the
Ministry of Communications, Nigeria*

No

This is to certify that under the provisions of the Radio Regulations relating to the International Telecommunications Convention, Mr has been examined in Radiotelegraphy and possesses the following qualifications-

- (a) Knowledge of the elementary principles of radiotelegraphy.
- (b) Adequate knowledge of the working and adjustment of wireless apparatus.
- (c) Ability to transmit and receive in Morse Code, messages in plain language, at a speed of fifteen words a minute and in Code Group at a speed of ten groups a minute.
- (d) Knowledge of the Regulations applying to the exchange of amateur radiotelegraphic and radiotelephonic traffic.

It is also certified hereby that the holder has made a declaration that he will preserve the secrecy of correspondence.

Signature of Examining Officer

Date

The holder of this certificate is therefore authorised to operate an amateur wireless telegraph apparatus as an operator.

SEVENTH SCHEDULE-continued

Date

.....

*Director-General or Authorised Officer of the
Ministry of Communications, Lagos*

Signature of Holder

Date of birth Place of birth

DESCRIPTION OF HOLDER

Height ft.....inches.

Colour of eyes

Colour of hair

Nationality

Any special peculiarity

Attach
photograph
here

This certificate should be preserved.

This Certificate may be endorsed or withdrawn at the discretion of the Director-General in the case of misconduct or breach of the Wireless Telegraphy Regulations on the part of the holder; and is subject to recall without reason given, at three months' notice. Unless so withdrawn or recalled, it shall continue to be valid as long as the provisions of the Radio Regulations permit.

EIGHTH SCHEDULE

Prohibited radio equipment-Portable transceivers

The transceivers consist of a radio transmitter and a receiver encased together as a unit. Two-way radio communications can be established with two similar units tuned to appropriate frequencies.

The transmitter oscillators of the type of portable transceivers being prohibited, make use of coil and capacitor tuning or pre-selected crystals to operate on one or more channels within the radio frequency band 26.1 to 27.5 Mc/s. This band is popularly known as "The Citizens Band Radio". The channel frequencies are assigned by various manufacturers without prior approval by Government radio licensing authority in whose territory the transceivers are intended to be used.