FEDERAL MINISTRY OF COMMUNICATION TECHNOLOGY

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SPECTRUM MANAGEMENT DEPARTMENT

FORM NO: _____

FORM/MOCT/RT/02N

INITIAL/RENEWAL/ADDITIONAL APPLICATION FOR FREQUENCY (TERRESTRIAL RADIO SERVICE)

1.00 Name of Company/Agency: _____

GENERAL INFORMATION

2.01 Frequency Assigned: _____

2.02 Nature of Frequency Usage: _____

2.03 Mode of Operation: _____

2.04 Additional Frequency Information: _____

2.05 Frequency Channel Number: _____

2.06 Frequency Stability (Official): _____

2.07 Schedule of Operation (Duty Cycle): _____

2.08 Schedule of Operation (Max. Hrs. of Operation): _____

2.09 Schedule of Operation (Regular Hrs. or percentage of use: _____

_____

2.10 Schedule of Operation (Seasonal Period and Solar Activity: _____

_____

2.11 Class of Station: _____

2.12 Street Number: _____

2.13 Nature of Service: _____

2.14 Experimental Station: _____

2.15 Function of the Station: _____

3.00 CHARACTERISTICS CONCERNING TRANSMITTING STATION AND SITE

3.01 Identification Number of Transmitting Site (Official):

3.02 Name of Transmitting Station:

3.03 Type of Terrain:

3.04 Terrain Characteristics (AH Parameter):

3.05 Proposed Date of Putting System to Service:

3.06 Terrain Characteristics (Effective Height over the average level of ground):

3.07 Height of the Transmitter Site above Sea Level:

3.08 Call Sign or other identification:

4.0 CHARACTERISTICS CONCERNING TRANSMITTING EQUIPMENT

4.01 Code Number of Transmitting Equipment (official):

4.02 Designation of Emission:

4.03 Maximum authorized Radiated Power in the directed of maximum radiation:

4.04 Power Designation:

4.05 Radiation Power:

4.06 Power Delivered to the Antenna:

4.07 Pulse Repetition Frequency:

4.08 Pulse Width:

FOR OFFICIAL USE ONLY

5.01 Code Number of Transmitting Antenna (Official):

5.02 Height of Transmitting Antenna above Ground:

5.03 Type of Transmitting Antenna:

5.04 Polarization of Transmitting Antenna:

5.05 Characteristics of Transmitting Antenna:

5.06 Azimuth of Maximum Radiation:

5.07 Horizontal Beam Width:

5.08 Elevation Angle of Main Lobe:

5.09 Front to Back Ratio of the Antenna:

5.10 Relative Gain of Transmitting Antenna:

5.11 Transmission Line Attenuation:

5.12 Scanning Motion Method:

5.13 Type of Scan:

5.14 Scan Per Minute:

6.00 CHARACTERISTICS CONCERNING RECEIVING STATION AND SITE

6.01 Identification Number of Receiving Site:

6.02 Name of the Receiving Station:

6.03 Type of Location or Area:

6.04 Type of Terrain:

6.05 Radius of Circular Receiving Area (Km):

6.06 Length of Circuit:

6.07 (a) Longitude of Site: (b) Latitude Site:

6.08 Height of Receiving Site above Sea Level:

7.00 CHARACTERISTICS CONCERNING RECEIVING EQUIPMENT

7.01 Code Number of Receiving Equipment (Official):

7.02 Receiver Selectivity:

7.03 Receiver Sensitivity:

7.04 Signal/Noise Radio (dB):

7.05 Sensitivity to Interference:

7.06 Receiving System Noise Temperature:

8.00 CHARACTERISTICS CONCERNING RECEIVING ANTENNA.

8.01 Code Number of Receiving Antenna (Official):

8.02 Height of Receiving Antenna above Ground:

8.03 Type of Receiving Antenna:

8.04 Polarization of Receiving Antenna Pattern:

8.05 Characteristics of Receiving Antenna:

8.06 Special Receiving Antenna Pattern:

8.07 Horizontal Angular Width of Marin Lobe:

8.08 Azimuth of Maximum Reception:

8.09 Horizontal Beamwidth: _____

8.10 Elevation Angle of Beam Width or Elevation Scanning Sector: _____

8.11 Front to Back Ration of the Receiving Scanning Antenna: _____

8.12 Vertical Beam Width: _____

8.13 Gain Receiving Antenna: _____

8.14 Receiving Line Attenuation: _____

NB: This form must go with FORM MOC/RT/01N. Please

END

**Note that incorrect data supplied could mean bad Communication for you and others.
Ensure that this **FORM** is filled correctly **for each STATION** please!!