

Application for frequency assignment and licence in the fixed and mobile radio communication service (aeronautical band)

CCK/F/FSM/12

Serial No:.....

1. **Administrative details:**

- a) Name of the organisation (or individual)
 Nationality..... ID / PP No.
 Postal address.....
 Business Telephone.....Fax.....
 Physical location: Road/street..... BuildingLR. No.
- b) Purpose for which this service is required.
- c) Name of person / organisation responsible for payment of bills.....

2. **Transmit Station:**

- a) **Transmitter site details(for fixed station):**
 - i) Name.....
 - ii) LR. No.iii) Road/Area.....
 - iv) Geographical co-ordinates:
 Latitude: deg..... min..... sec..... (N/S)
 Longitude: deg.....min:..... sec..... (E).
 - v) Altitude above sea level (in metres).....
 - vi) Radius of service area in kms.
- b) **Equipment Details:**
 - i) Station Configuration: Fixed / Mobile (delete as appropriate)
 - ii) Make:..... Model:
 Serial number:.....
 - iii) Name of local supplier (if any)/Official Rubber Stamp:.....
 Postal address:.....
 Business Telephone:..... Fax:.....
 - iv) Channel capacity:..... v) Carrier output power (Watts):.....
 - vi) Duplex spacing:.....
 - vii) Adjacent channel spacing:.....
 - viii) Power to antenna:.....
 - ix) System deviation (or equivalent for digital systems):.....
 - x) FM noise and hum level (in case of analogue systems):.....
 - xi) Bit error rate (in case of digital systems):
 - xii) Conducted spurious emissions:.....
 - xiii) Radiated spurious emissions:
 - xiv) Audio frequency harmonic distortion:
 - xv) Emission designation:
 - xvi) Operating frequency band:
 - xvii) RF bandwidth:
 - xviii) IF bandwidth at -3dB level:
 - xix) Receiver sensitivity rated at 12 dB SINAD:
 - xx) Receiver adjacent channel selectivity:
 - xxi) Desensitisation:
 - xxii) Threshold/ squelch level:
 - xxiii) RF Filter Loss:

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- b) Transmit Antenna Details:
- i) Type of transmit antenna:
 - ii) Antenna height above ground level:
 - iii) Relative antenna height around a 15 kilometre radius:
 - iv) Directivity:
 - v) Azimuth of the main lobe:
 - vi) Angular beam width of the main lobe at the 3 dB point:
 - vii) Antenna gain in dBi:
- b) Receiving Antenna Details (if different from transmitting antenna):
- i) Type of receiving antenna and its directivity:.....
 - ii) Azimuth of the main lobe:.....
 - iii) Angular beam width at the 3 dB power point:
 - iv) Receiving antenna gain in dBi:
- c) Feeder:
- i) Feeder type:
 - ii) Attenuation per metre:
 - iii) Total feeder loss:

2. Associated Receiving Station.

- a) Receiver site details:
- i) Name:
 - ii) LR. No:
 - iii) Road/Area:
 - iv) Geographical co-ordinates:
Latitude: deg.....min.....sec.....(N/S)
Longitude: deg.....min.....sec.....(E)
 - v) Altitude above sea level (in metres):
 - vi) Antenna height above ground level:
 - vii) Relative antenna height around a 15 kilometre radius:

3. Miscellaneous data.

- a) Maximum hours of operation:
- b) Class of Station: Nature of service:
- (Insert prefix, see NOTE 1& 2)
- c) Proposed date of putting into use:
- d) Path length in kms (for FIXED service):
- e) Radius of service area in kms (for MOBILE service):
- f) Registration numbers of vehicles to be fitted with mobiles:

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Name of Applicant:

Designation:

Signature of Applicant: Date:

Confirmation By Kenya Maritime Authority Technical Officer

I confirm that the information on the technical parameters given in Part 2& 3 is correct and I recommend Port operation frequency / Channelbe assigned to the applicant.

Name Signature.....

Date

CLASS OF STATION

- AL Aeronautical radionavigation land station
- AM Aeronautical radionavigation mobile station
- AT Amateur station
- BC Broadcasting station, sound
- BT Broadcasting station, television
- EA space station in the amateur-satellite service
- EC space station in the fixed-satellite service
- FA Aeronautical station
- FB Base station
- FC Coast station
- FP Port station
- FX Fixed station
- MA Aircraft station
- ML Land mobile station
- MS Ship station
- XX Other (if different from above)
- TA Space operation earth station in the amateur-satellite service

NOTE 2

NATURE OF THE SERVICE

- CO Station open to official correspondence exclusively
- CP Station open to public correspondence
- CR Station open to limited public correspondence
- CV Station open exclusively to correspondence of a private agency
- FS Land station established solely for the safety of life
- MX Fixed station used for transmission of meteorological information
- OT Station open exclusively to operational traffic of the service concerned
- PX Fixed station used for press transmission
- RC Non-directional radiobeacon
- RG Radio direction finding station
- RT Revolving radiobeacon
- ZZ Other (if different from above)