



LESOTHO COMMUNICATIONS AUTHORITY

Application Form for Content Broadcasting (Television & Sound) Form 03

Physical Address: 30 Princess Margaret Road, Old Europa, Maseru Tel.: + 266 22224300/ 22326784

Postal Address: LCA, P.O. Box 15896, Maseru 100

E-mail: licensing@lca.org.ls

Note: This form shall be completed by a person who has been duly authorised in writing to act as a representative of the Licensee¹. Any information requested which does not fit in the form may be included in an appendix to this form. You are advised to fill in **all the information** to avoid delays in the processing of your application.

1. PARTICULARS OF AN APPLICANT

| | | |
|-----|--|--|
| 1.1 | Full Name of applicant | |
| 1.2 | Abbreviated Name | |
| 1.3 | Billing/Physical Address | |
| 1.4 | Postal Address | |
| 1.5 | Telephone Number | |
| 1.6 | e-mail | |
| 1.7 | State legal form of applicant e.g. company, trust, other | |

(Please attach a certified copy of company extracts, certificate of incorporation, constitution or founding document, certified passport copy of the director/applicant)

| | | |
|------|--|--|
| 1.8 | If registered, office of registration | |
| 1.9 | Registration Number | |
| 1.10 | Date of registration | |
| 1.11 | Do you hold any other licence issued by the Authority? | |
| 1.12 | If so, what type of a licence? | |

2. APPLICATION INFORMATION

| | | |
|-----|--|---|
| 2.1 | Purpose for which the proposed communication is required | |
| 2.2 | TYPE OF BROADCASTING STATION (Please tick) | <input type="checkbox"/> Sound <input type="checkbox"/> Television |
| 2.3 | <input type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Commercial <input type="checkbox"/> Community | |

3. STATION DETAILS

| | | |
|-----|--|--|
| 3.1 | Station Name | |
| 3.2 | Latitude | South Longitude East |
| 3.3 | Elevation ASML | m Building Height Radius km |
| 3.4 | Coverage (please tick & attach a diagram to illustrate the area proposed for coverage) | |
| 3.5 | Coverage or Operations Area | Nationwide by land mobile station Radius |

4. SITE DETAILS

| | | |
|-----|--------------|--|
| 4.1 | Station Name | |
|-----|--------------|--|

¹ Attach certified ID/passport copy of the Director or authorized representative of the licensee.

| | | | | | | | | |
|---|---|---|--|--|-----------------|--|--|--|
| 4.2 | Station Location | | | | | | | |
| 4.3 | Coordinates | Latitude, S | | | | Longitude, E | | |
| 4.4 | Elevation AMSL (m) | | | | | | | |
| 4.5 | Transportable <input type="checkbox"/> | Radius if transportable (km) | | | | | | |
| 4.6 | Building height (m) | | | | Mast height (m) | | | |
| 4.7 | Noise environment | 1. Low Noise <input type="checkbox"/> | | 2. Medium Noise <input type="checkbox"/> | | 3. High Degree of Noise <input type="checkbox"/> | | |
| 5. EQUIPMENT INFORMATION | | | | | | | | |
| 5.1 | Manufacturer | | | | | | | |
| 5.2 | Model | | | | | | | |
| 5.3 | Equipment Type: 1. Crystal <input type="checkbox"/> 2. Solid state <input type="checkbox"/> 3. Unknown <input type="checkbox"/> 4. PLL Control <input type="checkbox"/> 5. Synthesised <input type="checkbox"/> | | | | | | | |
| 5.4 | Frequency Range (MHz): | From | | | to | | | |
| 5.5 | TX/RX | 1. Transmitter <input type="checkbox"/> | | 2. Receiver <input type="checkbox"/> | | 3. Both <input type="checkbox"/> | | |
| 5.6 | Maximum Rated Power (W) | | | | | | | |
| 5.7 | Transmit Power (W) | | | | | | | |
| 6. ANTENNA INFORMATION | | | | | | | | |
| 6.1 | Manufacturer | | | | | | | |
| 6.2 | Model | | | | | | | |
| 6.3 | Frequency Range (MHz): | From | | | To | | | |
| 6.4 | Polarisation | | | | | | | |
| 6.5 | Gain (dB) | TX | | | | RX | | |
| 6.6 | Antenna height above ground (m) | | | | | | | |
| 6.7 | Directivity | 1. Directional <input type="checkbox"/> | | 2. Omni-directional <input type="checkbox"/> | | | | |
| 6.8 | Azimuth (degrees) | | | | | | | |
| 6.9 | Elevation (degrees) | | | | | | | |
| 6.10 | Antenna Pattern; Please attach data page from manufacturer, or provide table of attenuation, in dB, against angle, or provide calibrated pattern diagram. | | | | | | | |
| 7. FREQUENCY ASSIGNMENT | | | | | | | | |
| 7.1 | Requested frequency Range (MHz) | | | | to | | | |
| 7.2 | Necessary Bandwidth (MHz) | | | | | | | |
| 7.3 | Emission Class (use the characters in Annex 1 to describe your signal) | | | | | | | |
| 7.4 | TX/RX | 1. Transmitter <input type="checkbox"/> | | 2. Receiver <input type="checkbox"/> | | 3. Both <input type="checkbox"/> | | |
| 7.5 | Preferred Frequency (MHz) | | | | | | | |
| 7.6 | Line Loss (dB) | | | | | | | |
| 7.7 | Minimum Receive Signal (dBW) (Protected Signal) | | | | | | | |
| 8. ACKNOWLEDGEMENT | | | | | | | | |
| 8.1 The applicant acknowledges the statements in this form and accompanying documents are true and correct. | | | | | | | | |
| Signature _____ Date _____ | | | | | | | | |
| Full names of signatory _____ | | | | | | | | |

ANNEX 1

First Character (Mandatory)

| | |
|----------|--|
| A | Double sideband. |
| B | Independent sidebands. |
| C | Vestigial sideband. |
| D | Emission in which the main carrier is amplitude and angle modulated either simultaneously or in a pre-established sequence. |
| F | Frequency modulation. |
| G | Phase modulation. |
| H | Single sideband, full carrier. |
| J | Single sideband, suppressed carrier. |
| K | Modulated in amplitude. |
| L | Modulated in width/duration. |
| M | Modulated in position/phase. |
| N | Emission of unmodulated carrier. |
| P | Sequence of unmodulated pulses. |
| Q | In which the carrier is angle modulated during the period of the pulse. |
| R | Single sideband, reduced or variable level carrier. |
| V | Which is a combination of the foregoing or is produced by other means. |
| W | Cases not covered above, in which an emission consists of the main carrier modulated, either simultaneously or in a pre-established sequence, in a combination of two or more of the following modes: amplitude, angle, pulse. |
| X | Cases not otherwise covered. |

Second Character (Mandatory)

| | |
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| 0 | No modulating signal. |
| 1 | A single channel containing quantized or digital information without the use of a modulating sub-carrier. This excludes time-division multiplex. |
| 2 | A single channel containing quantized or digital information with the use of a modulating sub-carrier. This excludes time division multiplex. |
| 3 | A single channel containing analogue information. |
| 7 | Two or more channels containing quantized or digital information. |
| 8 | Two or more channels containing analogue information. |
| 9 | Composite system with one or more channels containing analogue quantized or digital information, together with one or more channels containing analogue information. |
| X | Cases not otherwise covered. |

Third Character (Mandatory)

| | |
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| A | Telegraphy for aural reception. |
| B | Telegraphy for automatic reception. |
| C | Facsimile. |
| D | Data transmission, telemetry, telecommand. |
| E | Telephony (including sound broadcasting). |
| F | Television (video). |
| N | No information transmitted. |
| W | Combination of the above. |
| X | Cases not otherwise covered. |

Fourth Character (Optional)

| | |
|----------|---|
| A | Two-condition code with elements of differing numbers and/or durations. |
| B | Two-condition code without elements of the same number and duration with error-correction. |
| C | Two-condition code with elements of the same number and duration with error-correction. |
| D | Four-condition code in which each condition represents a signal element (of one or more bits). |
| E | Multi-condition code in which each condition represents a signal element (of one or more bits). |
| F | Multi-condition code in which each condition or combination of conditions represents a character. |
| G | Sound of broadcasting quality (monophonic). |
| H | Sound of broadcasting quality (stereophonic or quadrophonic). |
| J | Sound of commercial quality (excluding categories given in K and L below). |
| K | Sound of commercial quality with the use of frequency inversion or band-splitting. |
| L | Sound of commercial quality with separate frequency-modulated signals to control the level of demodulated signal. |
| M | Monochrome television (video only). |
| N | Colour television (video only). |
| W | Combination of the above. |
| X | Cases not otherwise covered. |

Fifth Character (Optional)

| | |
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| N | No multiplexing employed. |
| C | Code division multiplex. (This includes bandwidth expansion techniques). |
| F | Frequency-division multiplex. |
| T | Time-division multiplex. |
| W | Combination of frequency-division multiplex and time-division multiplex. |
| X | Other types of multiplexing. |

Source: Ofcom, OfW84 - Guide to class of emissions