LESOTHO COMMUNICATIONS AUTHORITY

Application Form for Paging Systems **013**

Physical Address: 30 Princess Margaret Road, Old Europa, Maseru Tel.: + 266 22224300
Postal Address: LCA, P.O. Box 15896, Maseru 100.
E-mail: licensing@lca.org.ls

a) Any information requested in this form may be contained in an appendix.
b) ***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 copy of certificate of incorporation, company extracts, or certified copy of the constitution or founding document, certified passport copy of the director)

1.8	If registered, office of registration	
1.9	Registration Number	
1.10	Date of registration	

2. APPLICATION INFORMATION

2.1	Purpose for which the proposed communication is required	
2.2	Do you hold any other licence issued by the Authority?	
2.3	If so, what type of a licence?	

3. STATION ADMINISTRATION

3.1	Station Location	

4. STATION DETAILS

4.1	Coverage (please tick & attach a diagram to illustrate the area proposed for coverage)					
4.2	*Coverage or Operations Area*		*Nationwide by land mobile station*		Radius	
4.3	Total Number Of Stations					

5. **SITE DETAILS**									
5.1	Station Name								
5.2	Station Location								
5.3	Coordinates	Latitude, **S**				Longitude, E			
5.4	Elevation AMSL (m)								
5.5	Transportable ☐	Radius if transportable (km)							
5.6	Building height (m)			Mast height (m)					
5.7	Noise environment	1.Low Noise ☐		2. Medium Noise ☐		3. High Degree of Noise ☐			
6. EQUIPMENT INFORMATION									
6.1	Manufacturer								
6.2	Model								
6.3	Equipment Type: 1. Crystal □ 2. Solid state □ 3. Unknown □ 4. PLL Control □ 5. Synthesised □								
6.4	Frequency Range (MHz):	From				to			
6.5	TX/RX	1. Transmitter ☐		2. Receiver ☐		3. Both ☐			
6.6	Maximum Rated Power (W)								
6.7	Transmit Power (W)								
7. **ANTENNA INFORMATION**									
7.1	Manufacturer								
7.2	Model								
7.3	Frequency Range (MHz):	From				To			
7.4	Polarisation								
7.5	Gain (dB)	TX				RX			
7.6	Antenna height above ground (m)								
7.7	Directivity	1. Directional ☐				2. Omni-directional ☐			
7.8	Azimuth (degrees)								
7.9	Elevation (degrees)								
7.10	**Antenna Pattern**; *Please attach data page from manufacturer,* ***or*** *provide table of attenuation, in dB, against angle,* ***or*** *provide* ***calibrated*** *pattern diagram.*								
8. FREQUENCY ASSIGNMENT									
8.1	Requested frequency Range (MHz)					to			
8.2	Necessary Bandwidth (MHz)								
8.3	Emission Class *(use the characters in Annex 1 to describe your signal)*								
8.4	TX/RX	1. Transmitter ☐			2. Receiver ☐		3. Both ☐		
8.5	**Preferred Frequency** (MHz)								
8.6	Line Loss (dB)								
8.7	Minimum Receive Signal (dBW) (Protected Signal)								

9. **ACKNOWLEDGEMENT**

9.1 The applicant acknowledges that 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)

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)

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)

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