

REPUBLIC  
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SOUTH AFRICA



REPUBLIEK  
VAN  
SUID-AFRIKA

# Government Gazette Staatskoerant

Vol. 404

PRETORIA, 25 FEBRUARY 1999  
FEBRUARIE 1999

No. 19472

## GENERAL NOTICE

NOTICE 297 OF 1999

### SOUTH AFRICAN TELECOMMUNICATIONS REGULATORY AUTHORITY



#### NOTICE IN RESPECT OF REQUIREMENTS AND POLICY FOR LOW POWER VIDEO SURVEILLANCE SERVICES (LPVS)

In terms of the Telecommunications Act, (Act No. 103 of 1996), and pursuant to Notice 1535 of 1998 published in Government Gazette No. 19120 on 31 July 1998, where notice is given of the two usage's envisaged for Low Power Video Surveillance Service within the bands 2.4-2.4560 GHz, 10.025-10.081 GHz and 31.00-31.056 GHz. The South African Telecommunications Regulatory Authority (SATRA) hereby adopts and makes known the requirements in terms of section 30 (9) (a) of the Telecommunications Act, (Act No 103 of 1996) and policy for Low Power Video Surveillance Services (LPVS).

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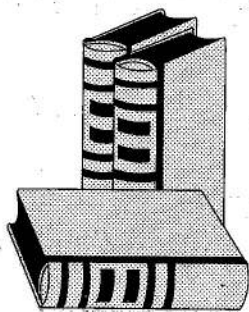
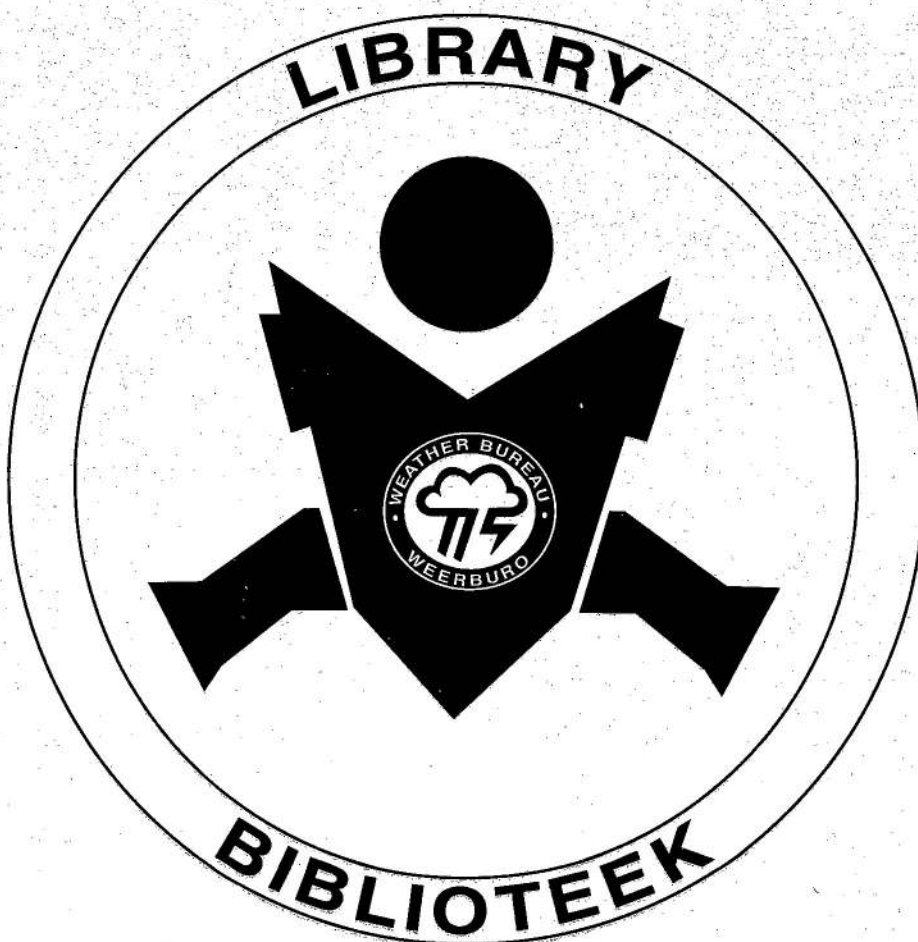
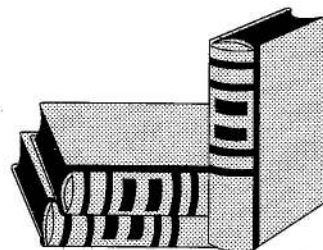
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**Low Power Video Surveillance-LPVS**

- (1) The type of usage envisaged within this service shall be in accordance with Notice 1535 of 1998 published in Government Gazette No. 19120 on 31 July 1998 paragraph 3.2. There are essentially 2 types of usage envisaged within this service :
- (a) Unlicensed usage from a radio perspective within buildings or in accordance with principles contained in section 41 (2) (b) (i) of the Telecommunications Act, 1996 (Act No. 103 of 1996). Unlicensed operations will be on a non-interference and no protection basis.
  - (b) Licensed and co-ordinated and thus protected usage, in accordance with the provisions of the Telecommunications Act, within the bands 10.025-10.081 GHz and 31-31.056 GHz.
- (2) In the band 2.4-2.456 GHz the type of usage will be in accordance with paragraph 1 (a) above. Unlicensed operations in this band will be on a non-interference and no protection basis as far as ISM operations are concerned. The following conditions are applicable :
- (a) Type approval is obligatory and will be in accordance with ETS 300 440.
  - (b) The absolute minimum power for successful operation shall be used, but shall not exceed the maximum of 100 mW or (20 dBm) ERP.
  - (c) The maximum allowable channel width is 14 MHz.
- (3) In the band 10.025-10.081 GHz the type of usage envisaged will be in accordance with paragraph 1 (a) and 1 (b) above. The following conditions are applicable :
- (a) Type approval is obligatory and will be in accordance with ETS 300 440
  - (b) The absolute minimum power for successful operation shall be used, but shall not exceed the maximum of 1.0 Watt / 30.0 dBm.
  - (c) The maximum allowable channel width is 14 MHz.
- (4) In the band 31.00-31.056 GHz the type of usage envisaged will in accordance with paragraph 1 (a) and 1 (b) above. The following conditions are applicable :
- (a) Type approval is obligatory and will be in accordance with ETS 300 440
  - (b) The absolute minimum power for successful operation shall be used, but shall not exceed the maximum of 5.0 Watt / 37.0 dBm.
  - (c) The maximum allowable channel width is 14 MHz.
- (5) Channel Plan

Band	LPVS (2.4-2.456 GHz)	LPVS (10.025-10.081 GHz)	LPVS (31.0-31.056 GHz)	Band
Ch.Width	14 MHz	14 MHz	14 MHz	Ch.Width
Ch				Ch
1	2407.0000	10032.0000	31007.0000	1
2	2421.0000	10046.0000	31021.0000	2
3	2435.0000	10060.0000	31035.0000	3
4	2449.0000	10074.0000	31049.0000	4

*Where is the largest amount of meteorological information in the whole of South Africa available?*



*Waar is die meeste weerkundige inligting in die hele Suid-Afrika beskikbaar?*

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Printed by and obtainable from the Government Printer, Bosman Street, Private Bag X85, Pretoria, 0001  
Tel: (012) 334-4507, 334-4511, 334-4509, 334-4515

Gedruk deur en verkrygbaar by die Staatsdrukker, Bosmanstraat, Privaat Sak X85, Pretoria, 0001  
Tel: (012) 334-4507, 334-4511, 334-4509, 334-4515