

# Government Gazette Staatskoerant

REPUBLIC OF SOUTH AFRICA  
REPUBLIEK VAN SUID-AFRIKA

Vol. 522

Pretoria, 15 December 2008  
Desember

No. 31732

---

**CONTENTS • INHOUD**

No.

Page  
No.      Gazette  
            No.

**GENERAL NOTICE**

**Independent Communications Authority of South Africa**

*General Notice*

1572	Electronic Communications Act (36/2005): Applications for the amendment of broadcasting licence conditions to provide for the expansion of the coverage area for SABC (Pty) Ltd in respect of Munghana Lonene FM, Thobela FM, Ikwewezi FM, Ligwalagwala FM, Good Hope FM, Lesedi FM, Umhlobo Wenene FM and SABC 3 .....	3	31732
------	---	---	-------

---

---

# GENERAL NOTICE

---

## NOTICE 1572 OF 2008



Independent Communications Authority of South Africa  
Pinnacle Farm, 164 Katherine Street, Sandton  
Private Bag X10002, Sandton, 2146

**APPLICATIONS FOR THE AMENDMENT OF BROADCASTING LICENCE  
CONDITIONS TO PROVIDE FOR THE EXPANSION OF THE  
COVERAGE AREA FOR SABC (PTY) LTD IN RESPECT OF MUNGHANA  
LONENE FM, THOBELA FM, IKWEKWEZI FM, LIGWALAGWALA FM, GOOD  
HOPE FM, LESEDI FM, UMHLOBO WENENE FM AND SABC 3**

1. The Independent Communications Authority of South Africa ("the Authority") hereby gives notice, in terms of the provisions of section 10(2) of the Electronic Communications Act, No. 36 of 2005 ("EC Act"), that it has received applications from SABC (Pty) Ltd ("the applicant") for the amendment to the broadcasting licences of Munghana Lonene FM, Thobela FM, Ikwewezi FM, Ligwalagwala FM, Good Hope FM, Lesedi FM, Umhlobo Wenene FM and SABC 3 in terms of section 10(1) (c) and section 10 (1) (g) (ii) of the EC Act.
2. The amendment is sought to allow the applicant expansion of its broadcasting services as follows:
  - 2.1 Munghana Lonene FM's coverage expansion to Burgersfort.
  - 2.2 Thobela FM's coverage expansion to Burgersfort.
  - 2.3 Ikwewezi FM's coverage expansion to Burgersfort and Nelspruit.
  - 2.4 Ligwalagwala FM's coverage expansion to Burgersfort, Ubombo, and Johannesburg.
  - 2.5 Good Hope FM's coverage expansion in Villiersdorp, Worcester, Hawston, Botrivier, Vermont, Onrus Rivier, Stanford and Hermanus in the Western Cape Province.
  - 2.6 Lesedi FM's coverage expansion in Gauteng, North West and Limpopo Provinces.
  - 2.7 Umhlobo Wenene FM's power increase from 1 kW to 10 kW in Johannesburg.
  - 2.8 SABC 3's coverage expansion in Piet Retief, Mbuzini and Hectorspruit in Mpumalanga Province.
3. The detailed technical specifications of the proposed amendment are in the schedule below.

4. The effective date of the amendment would be the date on which the Authority's decision on the application would be published.
5. The applications, relevant schedules and any representations received pursuant thereto would be made available and open for inspection by interested parties in the Authority's library during the Authority's normal office hours.
6. Interested parties are invited to lodge written representations in relation to the applications not later than 9 January 2009. Persons who lodge representations in terms hereof must simultaneously indicate whether they also require an opportunity to make oral representations to the Authority should there be a hearing in respect of these applications.
7. All written representations, responses and other correspondence in terms hereof must be directed to Thabo Ndhlovu at The Licensing Unit, Licensing and Compliance Division, Independent Communications Authority of South Africa at Block D, Pinmill Farm, 164 Katherine Street, Sandton, Johannesburg or Private Bag x 10002 Sandton, 2146 or by fax no. (011) 566 3186.
8. Persons who lodge representations in terms hereof, shall at the time of lodgement furnish proof to the satisfaction of the Authority that a copy of the representation has been delivered by hand to Mr. Lynn Mansfield, General Manager: Special Projects, SABC Radio Park, 2092 Henley Road, Auckland Park, or sent by registered post to Private Bag X1, Auckland Park 2006 or by fax to (011) 714 4508/4816.
9. SABC (Pty) Ltd shall be entitled to respond in writing to written representations made by interested persons on the proposed amendment, and such written response must be lodged with the Authority within fourteen (14) days of the closing date of the representations. SABC (Pty) Ltd must, at the time of lodging such written response, furnish proof to the Authority's satisfaction that it has delivered a copy of such response by hand, or has sent a copy of such response by registered mail or by facsimile to the relevant person having made such written representations.

**PARIS MASHILE  
CHAIRPERSON  
ICASA**

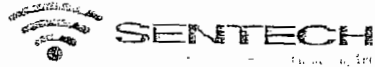
## SCHEDULE



### TRANSMISSION SPECIFICATIONS FOR PROPOSED MUNGHANA LONENE FM FM EXPANSION

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA					FEED		REMARKS		
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL		TYPE	FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
BURGERSFORT	1107	-22	32	46	30	15	47	1519	230	170	103.4	159	5	10	50	N	0	360	2	Y	100	RBR	T106	PBS Frequency relocated from existing Haenertsburg site

\* Proposed frequency - to be confirmed by ICASA



### TRANSMISSION SPECIFICATIONS FOR PROPOSED THOBELA FM FM EXPANSION

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA					FEED		REMARKS		
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL		TYPE	FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
BURGERSFORT	1107	32	33	-46	30	15	47	1519	230	170	93.6	61	5	10	50	N	0	360	2	Y	100	RBR	T116	PBS Frequency relocated from existing Haenertsburg site

\* Proposed frequency - to be confirmed by ICASA



**TRANSMISSION SPECIFICATIONS FOR PROPOSED IKWEKWEZI FM FM EXPANSION**

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA						FEED		REMARKS	
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL	TYPE		FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
NELSPRUIT	T106	25	30	-55	30	46	35	1661	136	65	103.6*	161	0.25	7	1.25	Y	60	180	0	N	100	RBR	T105	Additional directional PBS Frequency added to existing frequencies allocated to the site
BURGERSFORT	T107	-22	-33	-46	30	15	47	1519	230	170	99.9*	124	5	10	50	N	0	360	2	Y	100	RBR	T116	PBS Frequency relocated from existing Haenertsburg site

\* Proposed frequency - to be confirmed by ICASA

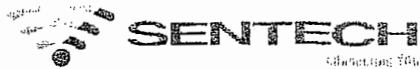


## TRANSMISSION SPECIFICATIONS FOR PROPOSED LIGWALAGWALA FM EXPANSION

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA						FEED		REMARKS	
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL	TYPE		FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
BURGERSFORT	T107	-24	33	-46	30	15	47	1514	230	170	92.8*	53	5	70	50	N	0	360	2	YES	VER	RBR	T106	PBS frequency relocated from existing operational Lydenburg site
JOHANNESBURG	T97	-26	-11	31	28	0	26	1777	250	180	91.9*	44	0.25	7.2	1.31	Y	39	110	0	NO	VER	LINE	TC7	Additional directional PBS frequency allocated to site - see note 2
JOHANNESBURG	F97A	-26	-11	31	28	0	26	1777	250	180	103.7*	162	0.25	7.2	1.31	Y	210	110	0	NO	VER	LINE	TC7	Additional directional PBS frequency allocated to site - see note 3
JBOMBO	N8S	-27	33	-42	32	4	52	646	102	66	91.9*	44	1	11.6	15.1	Y	0	240	0.75	YES	VER	CABLE	PA1	Additional PBS frequency added to existing frequencies allocated to this site

**Notes**

- 1 \*\*\* Denotes proposed frequencies - to be confirmed by ICASA
- 2 Directional antennas with a high back to front ratio will be employed  
 Very limited adjacent channel interference caused on the perimeter of Welverdiend Motsweding FM - these areas fall well within Johannesburg coverage  
 Minimal adjacent channel interference from will be experienced from Welverdiend Motsweding FM in the Roodepoort/Krugersdorp area.
- 3 Directional antennas with a high back to front ratio will be employed  
 Very limited adjacent channel interference caused on the perimeter of Helderkruin 5FM - these areas fall well within Johannesburg coverage.



### TRANSMISSION SPECIFICATIONS FOR PROPOSED GOOD HOPE FM EXPANSION

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA						FEED		REMARKS	
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL	TYPE		FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
VILLIERSDORP	C2	-33	-58	-10	19	30	22	1556	157	102	90.2	27	1	10	10	N	0	360	1.5	YES	VER	RBR		C1
HERMANUS	C2.1	-34	-24	-48	19	13	18	195	37	35	91.9	44	0.1	0	0.1	N	0	160	0	NO	VER	RBR	C2	Only possible RBR - else KU band

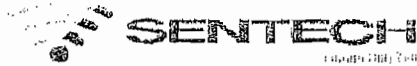


### TRANSMISSION SPECIFICATIONS FOR PROPOSED LESEDI FM EXPANSION

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA						FEED		REMARKS	
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL	TYPE		FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
PANKOP	BO15	-25	-9	-44	28	24	16	1113	70	30	103.9*	164	1	10	10	Y	320	220	0.5	YES	VER	RBR		T97

\* Proposed frequency, to be confirmed by ICASA





## TRANSMISSION SPECIFICATIONS FOR PROPOSED UMHLOBO WENENE FM UPGRADE AT JOHANNESBURG

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA						FEED		REMARKS	
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL	TYPE		FROM
		Deg	Min	Sec	Deg	Min	Sec										AZM	WIDTH	TILT					
JOHANNESBURG	T97	-26	-11	-31	28	0	26	1777	250	202	93.2	57	10	5.8	38	N	30	360	2	YES	MIX	LINE		TC7

Note.

The increase in ERP MAY cause some 2nd channel interference on Radio Shoshanguve(93.0MHz). If this is the case, it is suggested to change Radio Shoshanguve's frequency to 92.9MHz.



## TRANSMISSION SPECIFICATIONS FOR PROPOSED SABC3 EXPANSION

STATION		GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER				ANTENNA						FEED		REMARKS		
NAME	CODE	LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	OFF SE1	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL		TYPE	FROM
		Deg	Min	Sec	Deg	Min	Sec											AZM	WIDTH	TILT					
MBUZINI	T106.3	-25	-52	-26	31	54	53	662	51	50	231.25*	11	20P	0.2	9.9	2.0	Y	330	60	0	Y	VER		RBR	T106
HECTORSPRUIT	T106.2	-25	-26	-47	31	36	20	590	30	25	575.25*	34	0	0.1	8	0.6	Y	270	60	0	N	VER	RBR	T106	
PIET RETIEF	T88	-27	-1	-11	30	41	3	1326	280	272	751.25*	55	20M	10.0	11.8	151.4	N	0	360	1	N	VER	SAT	PA1	

\* Suggested Frequency, to be confirmed by ICASA