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## GENERAL NOTICE

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### NOTICE 992 OF 2008



#### Independent Communications Authority of South Africa

Pimhill Farm, 164 Katherine Street, Sandton  
Private Bag X10002, Sandton, 2146

#### **APPLICATION FOR THE TECHNICAL AMENDMENT TO THE LICENCES OF SABC 1, SABC 2, SABC 3, RSG, LESEDI FM, THOBELA FM, MOTSWEDING FM AND PHALAPHALA FM**

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 an application from the South African Broadcasting Corporation Limited ("SABC") for the amendment to the broadcasting licences of SABC 1, SABC 2, SABC 3, RSG, Lesedi FM, Thobela FM, Motsweding FM and Phalaphala FM in terms of section 10(1) (c) of the EC Act.
2. The amendment is sought to allow for the expansion of SABC1, SABC 2, SABC 3 and different radio stations in the areas mentioned below:
  - 2.1 **Free State Province**
    - Philippolis – SABC 1, 2, 3 and Lesedi FM
    - Villiers – SABC 1, 2, 3 and Lesedi
  - 2.2 **Western Cape Province**
    - Agter-witzenberg – SABC 1, 2, 3 and RSG
    - Genadendal – SABC 1, 2, 3 and RSG
  - 2.3 **Limpopo Province**
    - Indermark – SABC 1, 2, 3, and Thobela FM
    - Vhulaudzi
      - Mavhunga – SABC 1, 2, 3 and Phalaphala FM
      - Mpszema – SABC 1, 2, 3 and Phalaphala FM
  - 2.4 **Northern Cape Province**
    - Kgalagadi ISRDP Node
      - Springbokpan – SABC 1, 2, 3, RSG and Motsweding FM
      - Heuningvlei – SABC 1, 2, 3 and Motsweding FM
      - Laxey – SABC 1, 2, 3 and Motsweding FM
      - Severn – SABC 1, 2, 3, and Motsweding FM
      - Loopeng – SABC 1, 2, 3 and Motsweding FM

3. The detailed technical specifications of the proposed amendments are in the schedules 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 application not later than 16 September 2008. 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 this application.
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 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 not later than 7 October 2008. 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 1A

### TRANSMISSION SPECIFICATIONS FOR LOW POWER TELEVISION EXPANSION TO PHILIPPOLIS

STATION		SERVICE CODE	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					
Philippolis	O48.1	SABC1	-30	-16	-4	25	17	21	1450	15	14	511.25	25	0.002	6	0.008	DIR	270	180	0	N	VER	VIVID	SAT	Proposed specifications
Philippolis	O48.1	SABC2	-30	-16	-4	25	17	21	1450	15	14	471.25	21	0.002	6	0.008	DIR	270	180	0	N	VER	VIVID	SAT	Proposed specifications
Philippolis	O48.1	SABC3	-30	-16	-4	25	17	21	1450	15	14	543.25	33	0.002	6	0.008	DIR	270	180	0	N	VER	VIVID	SAT	Proposed specifications



### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER FM EXPANSION TO PHILIPPOLIS

STATION		SERVICE CODE	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					
Philippolis	O48.1	LESEDI	-30	-16	-4	25	17	21	1450	15	11	100.7	132	0.01	0	0.01	DIR	270	180	0	N	VER	VIVID	SAT	Proposed specifications



## SCHEDULE 1B

### TRANSMISSION SPECIFICATIONS FOR LOW POWER TELEVISION EXPANSION TO VILLIERS

STATION		SERVICE CODE	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					
Villiers	O131.1	SABC1	-27	2	-8	28	36	57	1512	70	68	815.25	64	0.002	9	0.016	DIR	320	180	2	N	VER	VIVID	SAT	Proposed specifications
Villiers	O131.1	SABC2	-27	2	-8	28	36	57	1512	70	68	847.25	66	0.002	9	0.016	DIR	320	180	2	N	VER	VIVID	SAT	Proposed specifications
Villiers	O131.1	SABC3	-27	2	-8	28	36	57	1512	70	68	783.25	60	0.002	9	0.016	DIR	320	180	2	N	VER	VIVID	SAT	Proposed specifications



### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER FM EXPANSION TO VILLIERS

STATION		SERVICE CODE	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					
Villiers	O131.1	LESEDI	-27	2	-8	28	36	57	1512	70	65	98.7	112	0.01	3	0.02	DIR	320	180	0	N	VER	VIVID	SAT	Proposed specifications



## SCHEDULE 2A

### TRANSMISSION SPECIFICATIONS FOR LOW POWER TELEVISION EXPANSION TO AGTER-WITSENBERG

STATION		SERVICE CODE	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					
Agter-Witsenberg	C12.11	SABC1	33	-14	0	19	17	14	1092	15	14	487.25	23	0.005	9	0.04	DIR	270	180	4	N	VER	VIVID	SAT	Proposed specifications
Agter-Witsenberg	C12.11	SABC2	-33	-14	0	19	17	14	1092	15	14	519.25	27	0.005	9	0.04	DIR	270	180	4	N	VER	VIVID	SAT	Proposed specifications
Agter-Witsenberg	C12.11	SABC3	-33	-14	0	19	17	14	1092	15	14	551.25	31	0.005	9	0.04	DIR	270	180	4	N	VER	VIVID	SAT	Proposed specifications



### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER FM EXPANSION TO AGTER-WITSENBERG

STATION		SERVICE CODE	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					
Agter-Witsenberg	C12.11	RSG	-33	14	0	19	17	14	1092	15	11	88.8	13	0.01	3	0.02	DIR	270	180	0	N	VER	VIVID	SAT	Proposed specifications



## SCHEDULE 2B

### TRANSMISSION SPECIFICATIONS FOR LOW POWER TELEVISION EXPANSION TO GENADENDAL

STATION		SERVICE CODE	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					
Genadendal	C2.4	SABC1	-34	-2	-17	19	33	8	335	15	14	495.25	24	0.002	6	0.008	DIR	150	180	0	N	VER	VIVID	SAT	Proposed specifications
Genadendal	C2.4	SABC2	-34	-2	-17	19	33	8	335	15	14	527.25	28	0.002	6	0.008	DIR	150	180	0	N	VER	VIVID	SAT	Proposed specifications
Genadendal	C2.4	SABC3	-34	-2	-17	19	33	8	335	15	14	559.25	32	0.002	6	0.008	DIR	150	180	0	N	VER	VIVID	SAT	Proposed specifications



### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER FM EXPANSION TO GENADENDAL

STATION		SERVICE CODE	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					
Genadendal	C2.4	RSG	-34	-2	-17	19	33	8	335	15	11	103.8	163	0.01	0	0.01	DIR	150	180	0	N	VER	VIVID	SAT	Proposed specifications



### SCHEDULE 3A

#### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER TELEVISION EXPANSION TO INDERMARK

STATION		SERVICE CODE	GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER					ANTENNA					FEED		REMARKS		
NAME	CODE		LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	OFF SET	PWR KW	GAIN dB	ERP KW	DIR	BEAM			NULL FILL	POL		TYPE	FROM
			Deg	Min	Sec	Deg	Min	Sec											AZM	WIDTH	TILT					
INDERMARK	T120.1	SBC1	-23	-4	51	29	6	26	870	31	25	55.25*	31	0	0.002	9	0.015	Y	270	180	0	N	VER	VIVID	SAI	
INDERMARK	T120.1	SBC2	-23	-4	51	29	6	26	870	31	25	56.25*	33	0	0.002	9	0.015	Y	270	180	0	N	VER	VIVID	SAT	
INDERMARK	T120.1	SBC3	-23	-4	51	29	6	26	870	31	23	58.25*	25	0	0.002	9	0.015	Y	270	180	0	N	VER	VIVID	SAT	

\* Suggested Frequency, to be confirmed by ICASA.



#### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER THOBELA FM EXPANSION TO INDERMARK

STATION		SERVICE CODE	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					
INDERMARK	T120.1	BELA	-23	-4	51	29	6	26	870	31	30	85.0*	5	0.010	3	0.020	Y	270	180	0	N	VER	VIVID	SAT	

\* Suggested Frequency, to be confirmed by ICASA.

### SCHEDULE 3B

## TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER TELEVISION EXPANSION TO VHULAUDZI

STATION		SERVICE CODE	GEO. CO-ORDINATES						HEIGHTS			TRANSMITTER					ANTENNA					FEED		REMARKS		
NAME	CODE		LATITUDE			LONGITUDE			SITE m	MAST m	ANT m	FREQ MHz	CH	OFF SET	PWR kW	GAIN dB	ERP kW	DIR	BEAM			NULL FILL	POL		TYPE	FROM
			Deg	Min	Sec	Deg	Min	Sec											AZM	WIDTH	TILT					
MAVHUNGA	V3.3	SBC1	-22	-56	-27	30	7	18	1216	30	28	471.25*	21	0	0.005	6	0.020	Y	310	180	8	N	VER	SAT	PA1	
MAVHUNGA	V3.3	SBC2	-22	-56	-27	30	7	18	1216	30	28	559.25*	32	0	0.005	6	0.020	Y	310	180	8	N	VER	SAT	PA1	
MAVHUNGA	V3.3	SBC3	-22	-56	-27	30	7	18	1216	30	28	591.25*	36	0	0.005	6	0.020	Y	310	180	8	N	VER	SAT	PA1	
MPZEMA	V3.2	SBC1	-22	-56	-40	30	10	5	1010	20	18	551.25*	31	0	0.002	6	0.008	Y	110	180	0	N	VER	SAT	PA1	RBR possible from V3 if required
MPZEMA	V3.2	SBC2	-22	-56	-40	30	10	5	1010	20	18	567.25*	33	0	0.002	6	0.008	Y	110	180	0	N	VER	SAT	PA1	RBR possible from V3 if required
MPZEMA	V3.2	SBC3	-22	-56	-40	30	10	5	1010	20	18	583.25*	35	0	0.002	6	0.008	Y	110	180	0	N	VER	SAT	PA1	RBR possible from V3 if required

\* Suggested Frequency, to be confirmed by ICASA.

## TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER PHALAPHALA FM EXPANSION TO VHULAUDZI

STATION		SERVICE CODE	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					
MAVHUNGA	V3.3	PHAL	-22	-56	-27	30	7	18	1216	30	20	104.7*	172	0.010	0	0.010	Y	310	180	0	N	VER	RBR	V3.2	
MPZEMA	V3.2	PHAL	-22	-56	-40	30	10	5	1010	20	15	101.6*	141	0.010	0	0.010	Y	30	180	0	N	VER	RBR	V3	

\* Suggested Frequency, to be confirmed by ICASA.

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## SCHEDULE 4A

### TRANSMISSION SPECIFICATIONS FOR LOW POWER TELEVISION EXPANSION TO KGALAGADI

STATION		SERVICE CODE	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					
Springbokpan	C100.1	SABC1	-26	-13	-25	22	33	43	967	15	14	471.25	21	0.05	9	0.400	DIR	120	180	0	N	VER	VIVID	SAT	Proposed specifications
Springbokpan	C100.1	SABC2	26	-13	-26	22	33	43	967	15	14	559.25	32	0.05	9	0.400	DIR	120	180	0	N	VER	VIVID	SAT	Proposed specifications
Springbokpan	C100.1	SABC3	-26	-13	-25	22	33	43	967	15	14	575.25	34	0.05	9	0.400	DIR	120	180	0	N	VER	VIVID	SAT	Proposed specifications
Heuningvlei	C100.2	SABC1	-26	-17	-3	23	8	0	1144	30	30	592.25	37	0.01	6	0.040	DIR	160	180	0	N	VER	VIVID	SAT	Proposed specifications
Heuningvlei	C100.2	SABC2	-26	-17	-3	23	8	0	1144	30	30	331.25	41	0.01	6	0.040	DIR	160	180	0	N	VER	VIVID	SAT	Proposed specifications
Heuningvlei	C100.2	SABC3	-26	-17	-3	23	8	0	1144	30	30	663.25	45	0.01	6	0.040	DIR	160	180	0	N	VER	VIVID	SAT	Proposed specifications
Laxey	C100.3	SABC1	26	-43	-54	23	9	30	1079	30	30	496.25	24	0.002	6	0.005	DIR	0	180	0	N	VER	VIVID	SAT	Proposed specifications
Laxey	C100.3	SABC2	-26	-43	-54	23	9	30	1079	30	30	367.25	33	0.002	6	0.008	DIR	0	180	0	N	VER	VIVID	SAT	Proposed specifications
Laxey	C100.3	SABC3	-26	-43	-54	23	9	30	1079	30	30	591.25	35	0.002	6	0.008	DIR	0	180	0	N	VER	VIVID	SAT	Proposed specifications
Severn	C100.4	SABC1	-26	-35	-21	22	51	25	1016	30	30	615.25	39	0.01	6	0.040	DIR	30	180	0	N	VER	VIVID	SAT	Proposed specifications
Severn	C100.4	SABC2	-26	-35	-21	22	51	25	1016	30	30	647.25	43	0.01	6	0.040	DIR	30	180	0	N	VER	VIVID	SAT	Proposed specifications
Severn	C100.4	SABC3	-26	-35	-21	22	51	25	1016	30	30	679.25	47	0.01	6	0.040	DIR	30	180	0	N	VER	VIVID	SAT	Proposed specifications
Loopeng	C100.5	SABC1	-26	-46	-59	23	21	19	1102	30	30	607.25	38	0.002	6	0.008	DIR	190	180	0	N	VER	VIVID	SAT	Proposed specifications
Loopeng	C100.5	SABC2	-26	-46	-59	23	21	19	1102	30	30	639.25	42	0.002	6	0.008	DIR	190	180	0	N	VER	VIVID	SAT	Proposed specifications
Loopeng	C100.5	SABC3	-26	-46	-59	23	21	19	1102	30	30	671.25	46	0.002	6	0.008	DIR	190	180	0	N	VER	VIVID	SAT	Proposed specifications



## SCHEDULE 4B

### TRANSMISSION SPECIFICATIONS FOR PROPOSED LOW POWER FM EXPANSION TO KGALAGADI

STATION		SERVICE CODE	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					
Springbokpan	C100.1	RSG	-26	-13	-26	22	33	43	967	15	11	89.1	16	0.1	0	0.10	DIR	120	180	0	N	VER	VIVID	SAT	Proposed specifications
Springbokpan	C100.1	MOTS	-26	-13	-26	22	33	43	967	15	11	105.8	183	0.1	0	0.10	DIR	120	180	0	N	VER	VIVID	SAT	Proposed specifications
Heuningvlei	C100.2	MOTS	-26	-17	-3	23	8	0	1144	30	28	92.2	47	0.05	0	0.05	DIR	160	180	0	N	VER	VIVID	SAT	Proposed specifications
Laxey	C100.3	MOTS	-26	-43	-54	23	9	36	1079	30	28	95.4	79	0.01	0	0.01	DIR	0	180	0	N	VER	VIVID	SAT	Proposed specifications
Severn	C100.4	MOTS	-26	-35	-21	27	51	26	1016	30	28	98.7	112	0.05	0	0.05	DIR	30	180	0	N	VER	VIVID	SAT	Proposed specifications
Loopeng	C100.5	MOTS	-26	-46	-59	23	21	19	1102	30	28	102.2	147	0.01	0	0.01	DIR	190	180	0	N	VER	VIVID	SAT	Proposed specifications