
GENERAL NOTICES

NOTICE 115 OF 2009

NOTICE OF INTENTION TO DECLARE AREAS IN TERMS OF THE ASTRONOMY GEOGRAPHIC ADVANTAGE ACT, 2007 (Act No. 21 OF 2007) TO BE ASTRONOMY ADVANTAGE AREAS.

I, Mosibudi Mangena, Minister of Science and Technology, hereby intends under sections 7(1)(a), 9(1)(a) and 11(1)(a) of the Astronomy Geographic Advantage Act, 2007 (Act No. 21 of 2007) to declare the areas indicated in the schedule to be Astronomy Advantage Areas, and further invite public comments in terms of section 42 of the said Act.

Comments should be submitted not later than 16h30 on the 6th March 2009 to:

Ms Lipuo Mothae
Dept of Science and Technology
Building 53, CSIR Campus
Meiring Naude Road
Brummeria
Pretoria

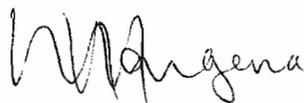
Or

Dept of Science and Technology
Private Bag X 894
Pretoria
0001

E mail address lipuo.mothae@dst.gov.za

Enquiries can be made at telephone number 012 843 6463

M MANGENA
MINISTER OF SCIENCE AND TECHNOLOGY



SCHEDULE

1.

In this notice any word or expression to which a meaning has been assigned in the Act shall have the meaning so assigned and, unless the context indicates otherwise

“Polygon” means a closed plane figure bounded by straight lines.

DESCRIPTION OF BOUNDARIES OF OPTICAL ASTRONOMY ADVANTAGE AREAS

2.

- (1) Sutherland observing station of South African Astronomical Observatory (SAAO) and all land within 3 kilometre radius of the centre of the Southern African Large Telescope (SALT) dome is the Sutherland core optical astronomy advantage area.
- (2) All land within 75 kilometre radius of the centre of the SALT dome within the Northern Cape Province is the Sutherland central optical astronomy advantage area.
- (3) All land within 250 kilometre radius of the centre of the SALT dome within the Northern Cape Province is the Sutherland coordinated optical astronomy advantage area.

DESCRIPTION OF BOUNDARIES OF RADIO ASTRONOMY ADVANTAGE AREAS

3.

- (1) The Karoo core radio astronomy advantage area comprises of the farm Mey's dam 68 in the Municipality of Kareeberg, Carnavon Road in the Northern Cape in extent of 7046,0463 hectares deed of transfer T047450/08 and portion 1 of the farm Losberg 73, Fraser Road, Northern Cape Province in the extent of 1825,2707 hectares deed of transfer T045934/08.
- (2) The Karoo central radio astronomy advantage area 1 is the area between the boundaries of the Karoo core radio astronomy advantage area and outer boundaries in the form of a polygon for which the geographical coordinates according to the World Geodetic System 84 datum are provided in the table below.

Point references Karoo central radio astronomy advantage area 1	Longitude (degrees East)	Latitude (degrees South)
A 1	18.810000	29.350000
B 1	20.990000	28.780000
C 1	21.600000	28.910000
D 1	22.050000	29.520000
E 1	23.430000	30.590000
F 1	22.220000	31.960000
G 1	20.980000	32.370000
H 1	19.000000	30.410000

- (3) The Karoo central radio astronomy advantage area 2 is the area between the boundaries of the Karoo core radio astronomy advantage area and outer boundaries in the form of a polygon for which the geographical coordinates according to the World Geodetic System 84 datum are provided in the table below.

Point reference Karoo central radio astronomy advantage area 2	Longitude East)	(degrees	Latitude South)	(degrees
A 2	19.660000		29.510000	
B 2	21.660000		29.220000	
C 2	22.770000		30.080000	
D 2	22.630000		31.510000	
E 2	20.650000		31.820000	
F 2	19.570000		30.810000	

- (4) The Karoo central radio astronomy advantage area 3 is the area between the boundaries of the Karoo core radio astronomy advantage area and outer boundaries in the form of a polygon for which the geographical coordinates according to the World Geodetic System 84 datum are provided in the table below.

Point reference Karoo central radio astronomy advantage area 3	Longitude East)	(degrees	Latitude South)	(degrees
A 3	20.490000		29.790000	
B 3	21.810000		29.340000	
C 3	22.760000		30.080000	
D 3	22.540000		31.060000	
E 3	21.420000		31.380000	
F 3	20.100000		30.680000	

- (5) The Karoo coordinated radio astronomy advantage area 1 is the area between the boundaries formed by Karoo central astronomy advantage area 1 and the boundaries of the Northern Cape Province excluding Sol Plaatje Municipality.
- (6) The Karoo coordinated radio astronomy advantage area 2 is the area between the boundaries formed by Karoo central astronomy advantage area 2 and by Karoo central astronomy advantage area 1.