

**DEPARTMENT OF SCIENCE AND TECHNOLOGY  
DEPARTEMENT VAN WETENSKAP EN TEGNOLOGIE**

**No. 684****13 September 2013**

**DECLARATION OF SCIENTIFIC ENDEAVOURS TO BE ASTRONOMY AND  
RELATED SCIENTIFIC ENDEAVOURS FOR THE PURPOSES OF THE  
ASTRONOMY GEOGRAPHIC ADVANTAGE ACT, 2007.**

In terms of section 28(1) of the Astronomy Geographic Advantage Act, 2007 (Act No. 21 of 2007) I, Derek Hanekom, Minister of Science and Technology, hereby declare certain existing scientific endeavours described in the schedule hereto to be astronomy and related scientific endeavours for the purposes of the Act.



**DEREK HANEKOM  
MINISTER OF SCIENCE AND TECHNOLOGY**

## SCHEDULE

### 1. DEFINITIONS

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

**“C-BASS”** means the radio telescope for the C-Band All Sky Survey, located within the Karoo Central Astronomy Advantage Area 2 at geographical coordinates 30.97083 degrees south and 21.97417 degrees east that maps the whole sky in temperature and polarization between 4.5 and 6.5 GHz, and is used for the purposes of radio astronomy and related scientific endeavours.

**“PAPER”** means the radio telescope for the Precision Array to Probe the Epoch of Re-ionization and all subsequent development phases located within the Karoo Core Astronomy Advantage Area, that operates in the frequency band from 100 to 200 MHz and is used for the purposes of radio astronomy and related scientific endeavours; and

**“the Act”** means the Astronomy Geographic Advantage Act, 2007 (Act No.21 of 2007).

### 2. DESCRIPTION OF DECLARED SCIENTIFIC ENDEAVOURS

This declaration applies to:

- (1) The operation of C-BASS; and
- (2) The development and operation of PAPER.