



**Secretariat**

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**Committee on the Peaceful Uses  
of Outer Space**

**Information furnished in conformity with the Convention  
on Registration of Objects Launched into Outer Space**

**Note verbale dated 9 September 2013 from the Permanent Mission  
of South Africa to the United Nations (Vienna) addressed to the  
Secretary-General**

The Permanent Mission of South Africa to the United Nations (Vienna), in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), has the honour to transmit information concerning South African space objects SUNSAT (international designator 1999-008C) and SumbandilaSat (international designator 2009-049F) (see annex).



## Annex

### Registration data on space objects launched by South Africa\*

#### SUNSAT

##### Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	1999-008C
Name of space object:	SUNSAT
National designator/registration number:	ZA-001
State of registry:	South Africa
Date and territory or location of launch	
Date of launch:	23 February 1999 at 1029 hours UTC
Territory or location of launch:	Vandenberg Air Force Base, California, United States of America
Basic orbital parameters	
Nodal period:	99.73 minutes
Inclination:	96.45 degrees
Apogee:	851 kilometres
Perigee:	640 kilometres
General function of space object:	Earth observation

##### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Date when space object is no longer functional:	19 January 2001 1522 hours 37 seconds UTC (date of last contact)
Space object owner or operator:	University of Stellenbosch
Launch vehicle:	Delta II
Other information:	Basic orbital parameters are as at 23 July 2013

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\* The information was submitted using the form prepared pursuant to General Assembly resolution 62/101 and has been reformatted by the Secretariat.

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## SumbandilaSat

### Information provided in conformity with the Convention on Registration of Objects Launched into Outer Space

Committee on Space Research international designator:	2009-049F
Name of space object:	SumbandilaSat
National designator/registration number:	ZA-002
State of registry:	South Africa
Date and territory or location of launch	
Date of launch:	17 September 2009 at 1555 hours UTC
Territory or location of launch:	Baikonur Cosmodrome, Kazakhstan
Basic orbital parameters	
Nodal period:	94.27 minutes
Inclination:	97.19 degrees
Apogee:	485 kilometres
Perigee:	482 kilometres
General function of space object:	Earth observation

### Additional voluntary information for use in the Register of Objects Launched into Outer Space

Space object owner or operator:	South African National Space Agency (operator)
Launch vehicle:	Soyuz 2-1b
Other information:	Basic orbital parameters are as at 24 July 2013

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