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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 16 April 2013 from the Permanent Mission of  
Mexico to the United Nations (Vienna) addressed to the  
Secretary-General**

The Permanent Mission of Mexico to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and has the honour to transmit, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space (General Assembly resolution 3235 (XXIX), annex), information concerning Mexican space objects Solidaridad 1, Solidaridad 2, Unamsat B, Satmex 5, Satmex 6, Quetzsat 1 and Bicentenario (see annex).



## Annex

### Registration data on space objects launched by Mexico\*

#### I. Solidaridad 1

Name of the launching State:	Mexico
Date of launch:	20 November 1993
Place of launch:	Kourou, French Guiana
Launch vehicle:	Ariane 4
Basic orbital parameters	
Nodal period:	Geostationary satellite
Inclination:	Geostationary satellite
Apogee:	35,790 kilometres
Perigee:	35,780 kilometres
Orbital position:	109.2 degrees West
General function of the space object:	Various commercial and social satellite services (not in operation)
Owner of the space object:	Satélites Mexicanos, S.A. de C.V. (Satmex)

#### II. Solidaridad 2

Name of the launching State:	Mexico
Date of launch:	7 October 1994
Place of launch:	Kourou, French Guiana
Launch vehicle:	Ariane 4
Basic orbital parameters	
Nodal period:	Geostationary satellite
Inclination:	Geostationary satellite
Apogee:	35,790 kilometres
Perigee:	35,780 kilometres
Orbital position:	113.0 degrees West
General function of the space object:	Various satellite services relating to social connectivity and access (in operation)
Owner of the space object:	Satélites Mexicanos, S.A. de C.V. (Satmex)

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\* The registration data are reproduced in the form in which they were received.

### III. Unamsat B

Name of the launching State:	Mexico
Date of launch:	5 September 1996
Place of launch:	Plesetsk Cosmodrome, Russian Federation
Launch vehicle:	Kosmos 3M
Orbital position:	Orbit below 1,000 kilometres with an 83-degree inclination
General function of the space object:	Scientific (ceased to operate in August 1997)
Owner of the space object:	National Autonomous University of Mexico

### IV. Satmex 5

Name of the launching State:	Mexico
Date of launch:	5 December 1998
Place of launch:	Kourou, French Guiana
Launch vehicle:	Ariane 4
Basic orbital parameters	
Nodal period:	Geostationary satellite
Inclination:	Geostationary satellite
Apogee:	35,790 kilometres
Perigee:	35,780 kilometres
Orbital position:	116.8 degrees West
General function of the space object:	Various commercial and social satellite services (currently deorbiting)
Owner of the space object:	Satélites Mexicanos, S.A. de C.V. (Satmex)

## V. Satmex 6

Name of the launching State:	Mexico
Date of launch:	27 May 2006
Place of launch:	Kourou, French Guiana
Launch vehicle:	Ariane 5
Basic orbital parameters	
Nodal period:	Geostationary satellite
Inclination:	Geostationary satellite
Apogee:	35,790 kilometres
Perigee:	35,780 kilometres
Orbital position:	113.0 degrees West
General function of the space object:	Various commercial and social satellite services (in operation)
Owner of the space object:	Satélites Mexicanos, S.A. de C.V. (Satmex)

## VI. Quetzsat 1

Name of the launching State:	Mexico
Date of launch:	29 September 2011
Place of launch:	Baikonur, Kazakhstan
Launch vehicle:	Proton Breeze-M
Basic orbital parameters	
Nodal period:	Geostationary satellite
Inclination:	Geostationary satellite
Apogee:	35,790 kilometres
Perigee:	35,780 kilometres
Orbital position:	77 degrees West
General function of the space object:	Restricted satellite television services
Owner of the space object:	Quetzsat, S.A. de C.V.

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## VII. Bicentenario

Name of the launching State:	Mexico
Date of launch:	19 December 2012
Place of launch:	Kourou, French Guiana
Launch vehicle:	Ariane 5
Basic orbital parameters	
Nodal period:	Geostationary satellite
Inclination:	Geostationary satellite
Apogee:	35,790 kilometres
Perigee:	35,780 kilometres
Orbital position:	114.8 degrees West
General function of the space object:	Various commercial and social satellite services (in operation)
Owner of the space object:	Government of Mexico

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