



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 13 February 2006 from the Permanent Mission
of Japan to the United Nations (Vienna) addressed to the
Secretary-General**

The Permanent Mission of Japan to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, 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 the launching of the Japanese satellites MTSAT-1R, ASTRO-EII, OICETS, INDEX, and XI-V (see annex).

The Permanent Mission of Japan has the further honour to transmit information concerning SOLAR-A, which has ceased to exist in orbit.



Annex

Registration data for Japanese space launches*

A. Multi-Functional Transport Satellite 6 (MTSAT-1R)

1. Name of flight object: Multi-Functional Transport Satellite 6 (MTSAT-1R) "Himawari-6"
2. Designation: 2005-006A
3. Name of launching State: Japan
4. Date and time of launch: 26 February 2005 at 0925 GMT
5. Location of launch: Tanegashima Space Center, Kagoshima, Japan
6. Basic orbital parameters (as at 18 March 2005):
 - (a) Nodal period: 1,436 minutes
 - (b) Inclination: 0.078 degrees
 - (c) Apogee: 35,799 kilometres
 - (d) Perigee: 35,774 kilometres
7. General function: Aeronautical and meteorological services
8. Launch vehicle: H-IIA Launch Vehicle (H-IIA-F7)
9. Launching organization: Japan Aerospace Exploration Agency (JAXA)
10. Decay date: ---

B. X-ray Astronomy Satellite (ASTRO-EII)

1. Name of flight object: 23rd Scientific Spacecraft, X-ray Astronomy Satellite (ASTRO-EII) "Suzaku"
2. Designation: 2005-025A
3. Name of launching State: Japan
4. Date and time of launch: 10 July 2005 at 0330 GMT
5. Location of launch: Uchinoura Space Center, Kagoshima, Japan
6. Basic orbital parameters (as at 10 July 2005):
 - (a) Nodal period: 93 minutes
 - (b) Inclination: 31.4 degrees
 - (c) Apogee: 560 kilometres
 - (d) Perigee: 247 kilometres

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

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| 7. | General function: | Observation of cosmic X-ray sources and international space observatory |
| 8. | Launch vehicle: | M-V Launch Vehicle F6 (M-V-6) |
| 9. | Launching organization: | Japan Aerospace Exploration Agency (JAXA) |
| 10. | Decay date: | --- |

C. Optical Inter-orbit Communications Engineering Test Satellite (OICETS)

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| 1. | Name of flight object: | Optical Inter-orbit Communications Engineering Test Satellite (OICETS) “Kirari” |
| 2. | Designation: | 2005-031A |
| 3. | Name of launching States: | Japan (Kazakhstan) |
| 4. | Date and time of launch: | 23 August 2005 at 2110 GMT |
| 5. | Location of launch: | Baikonur Space Centre,
Kazakhstan |
| 6. | Basic orbital parameters (as at 24 August 2005): | |
| | (a) Nodal period: | 97 minutes |
| | (b) Inclination: | 97.8 degrees |
| | (c) Apogee: | 611 kilometres |
| | (d) Perigee: | 610 kilometres |
| 7. | General function: | Verification of communications technology |
| 8. | Launch vehicle: | Dnepr Launch Vehicle |
| 9. | Launching organization: | ISC Kosmotras |
| 10. | Decay date: | --- |

D. Innovative Technology Demonstration Experiment Satellite (INDEX)

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| 1. | Name of flight object: | Innovative Technology Demonstration Experiment Satellite (INDEX) “Reimei” |
| 2. | Designation: | 2005-031B |
| 3. | Name of launching States: | Japan (Kazakhstan) |
| 4. | Date and time of launch: | 23 August 2005 at 2110 GMT |
| 5. | Location of launch: | Baikonur Space Centre,
Kazakhstan |

6. Basic orbital parameters (as at 23 August 2005):
 - (a) Nodal period: 97 minutes
 - (b) Inclination: 97.8 degrees
 - (c) Apogee: 655 kilometres
 - (d) Perigee: 609 kilometres
7. General function: In-orbit demonstration of advanced satellite technologies
8. Launch vehicle: Dnepr Launch Vehicle
9. Launching organization: ISC Kosmotras
10. Decay date: ---

E. Pico-Satellite (XI-V)

1. Name of flight object: University of Tokyo's Pico-Satellite (XI-V)
2. Designation: 2005-043F
3. Name of launching States: Japan (Russian Federation)
4. Date and time of launch: 27 October 2005 at 0652 GMT
5. Location of launch: Plesetsk Cosmodrome,
Russian Federation
6. Basic orbital parameters (as at 29 November 2005):
 - (a) Nodal period: 98.68 minutes
 - (b) Inclination: 98.18 degrees
 - (c) Apogee: 709 kilometres
 - (d) Perigee: 682 kilometres
7. General function: Pico satellite bus functions, amateur radio frequency communication, solar cell experiment and image acquisition and downlink
8. Launch vehicle: COSMOS
9. Launching organization: COSMOS
10. Decay date: ---

F. X-ray Observatory Satellite (SOLAR-A)

1. Name of flight object: 14th Scientific Spacecraft, X-ray Observatory Satellite (SOLAR-A) "Yohkoh"
2. Designation: 1991-062A
3. Name of launching State: Japan
4. Date and time of launch: 30 August 1991 at 0230 GMT

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5. Location of launch: Kagoshima Space Center,
Kagoshima, Japan
 6. Basic orbital parameters:
 - (a) Nodal period: 97.9 minutes
 - (b) Inclination: 31.3 degrees
 - (c) Apogee: 792.8 kilometres
 - (d) Perigee: 517.1 kilometres
 7. General function: Observation of solar flares during periods
of maximum solar activity, mainly in the X-ray
band with high spatial, spectral and temporal
resolution
 8. Launch vehicle: M-3SII-6
 9. Launching organization: Institute of Space and Astronomical
Science (currently JAXA)
 10. Decay date: 12 September 2005 at 0916 JST
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