



**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 5 August 2002 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 BSAT-2a, Laser Ranging Equipment (LRE), Mission Demonstration Test Satellite (MDS-1) and Demonstrator of Atmospheric Flight with Hyper Speed (DASH) (see annex).

The Permanent Mission of Japan would like to inform the Secretary-General that satellite ASTRO-D (registered in document ST/SG/SER.E/264) ceased to exist on 2 March 2001 and the Japanese Earth Resources Satellite (JERS-1) (registered in document ST/SG/SER.E/252) ceased to exist on 3 December 2001.



Annex

Registration data for Japanese space launches

A. BSAT-2a

1. Name of satellite: BSAT-2a
2. Designation: 2001-011B
3. Name of launch State: Japan
4. Date and time of launch: 8 March 2001 at 2251 hours UT
5. Location of launch: Guiana Space Centre,
Kourou, French Guiana
6. Basic orbital parameters:
 - (a) Nodal period: 1,436 minutes
 - (b) Inclination: 0.036 degrees
 - (c) Apogee: 35,797 kilometres
 - (d) Perigee: 35,776 kilometres
7. General function: Domestic direct broadcasting
8. Launch vehicle: Ariane 5
9. Launch organization: Arianespace

B. Laser Ranging Equipment

1. Name of satellite: Laser Ranging Equipment (LRE)
2. Designation: 2001-038A
3. Name of launch State: Japan
4. Date and time of launch: 29 August 2001 at 0700 hours UT
5. Location of launch: Tanegashima Space Center,
Kagoshima, Japan
6. Basic orbital parameters (as at 21 September):
 - (a) Nodal period: 640 minutes
 - (b) Inclination: 28.5 degrees
 - (c) Apogee: 36,205.3 kilometres
 - (d) Perigee: 253.0 kilometres
7. General function: LRE is the vehicle evaluation payload developed to estimate the injection accuracy of H-IIA Launch Vehicle F1 (H-IIA.F1).

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| 8. | Launch vehicle: | H-IIA Launch Vehicle F1 (H-IIA.F1) |
| 9. | Launch organization: | National Space Development Agency (NASDA) of Japan |

C. Mission Demonstration Test Satellite “Tsubasa”

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| 1. | Name of satellite: | Mission Demonstration Test Satellite (MDS-1) “Tsubasa” |
| 2. | Designation: | 2002-003A |
| 3. | Name of launch State: | Japan |
| 4. | Date and time of launch: | 4 February 2002 at 0245 hours UT |
| 5. | Location of launch: | Tanegashima Space Center,
Kagoshima, Japan |
| 6. | Basic orbital parameters (as at 5 February): | |
| | (a) Nodal period: | 635 minutes |
| | (b) Inclination: | 28.5 degrees |
| | (c) Apogee: | 35,696 kilometres |
| | (d) Perigee: | 500 kilometres |
| 7. | General function: | The objectives of Mission Demonstration Test Satellite 1 (MDS-1) are to verify the function of commercial parts in orbit, to verify minimization technology for components and to measure space environment data (radiation, and so forth). |
| 8. | Launch vehicle: | H-IIA Launch Vehicle F2 (H-IIA.F2) |
| 9. | Launch organization: | National Space Development Agency (NASDA) of Japan |

D. Demonstrator of Atmospheric Flight with Hyper Speed (DASH)

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| 1. | Name of satellite: | Demonstrator of Atmospheric Flight with Hyper Speed (DASH) |
| 2. | Designation: | 2002-003B |
| 3. | Name of launch State: | Japan |
| 4. | Date and time of launch: | 4 February 2002 at 0245 hours UT |
| 5. | Location of launch: | Tanegashima Space Center,
Kagoshima, Japan |

6. Basic orbital parameters:
 - (a) Nodal period: 635 minutes
 - (b) Inclination: 28.5 degrees
 - (c) Apogee: 35,910 kilometres
 - (d) Perigee: 500 kilometres
 7. General function: Verifying high-speed re-entry technology
 8. Launch vehicle: H-IIA Launch Vehicle F2 (H-IIA.F2)
 9. Launch organization: Institute of Space and Astronautical Science (ISAS), National Space Development Agency (NASDA) of Japan
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