



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 20 June 1990 from the Permanent Representative
of Japan to the United Nations addressed to the Secretary-General

The Permanent Representative of Japan to the United Nations presents his compliments to the Secretary-General of the United Nations and has the honour to notify him, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space, of the launch of seven space objects on behalf of Japan, with registration details as follows:

1. Name of satellite JCSAT-1
- Designation 1989-020A
- Name of launching State Japan, France, United States of America
- Date of launch 6 March 1989, 11:29 (GMT)
- Location of launch Kourou Space Centre, French Guiana
- Basic orbital parameters:
 - (1) Period 1,436 min
 - (2) Inclination 0.017 deg
 - (3) Apogee 35,796 km
 - (4) Perigee 35,780 km
- General function Domestic communication
- Launch vehicle ARIANE 29 (ARIANE IV)
- Launching organization ARIANE SPACE

2. Name of satellite GMS-4 (HIMAWARI-4)
Designation 1989-070A
Name of launching State Japan
Date of launch 5 September 1989, 19:11 (GMT)
Location of launch Tanegashima Space Centre
Kagoshima, Japan
- Basic orbital parameters:
- (1) Period 1,436 min
 - (2) Inclination 1.478 deg
 - (3) Apogee 35,795 km
 - (4) Perigee 35,785 km
- General function Improvement of meteorological observation
Development of meteorological satellite technology
- Launch vehicle H-I Launch Vehicle (H20F)
- Launching organization National Space Development Agency of Japan (NASDA)
3. Name of satellite JCSAT-2
Designation 1990-001B
Name of launching State Japan, United States of America
Date of launch 1 January 1990, 00:07 (GMT)
Location of launch Cape Canaveral Air Force Station
- Basic orbital parameters:
- (1) Period 1,436 min
 - (2) Inclination 0.049 deg
 - (3) Apogee 35,796 km
 - (4) Perigee 35,778 km
- General function Domestic communication
- Launch vehicle TITAN II
- Launching organization Martin Marietta
4. Name of satellite MUSES-A "HITEN"
Designation 1990-007A
Name of launching State Japan
Date of launch 24 January 1990, 11:46 (UT)
Location of launch Tanegashima Space Centre
Kagoshima, Japan

Basic orbital parameters:

- (1) Nodal Period 6.665 days
- (2) Inclination 30.63 deg
- (3) Apogee 286,182.72 km
- (4) Perigee 262.49 km

General function Development of swing-by technique for future missions

Launch vehicle M-3SII-5

Launching organization Institute of Space and Astronautical Science (ISAS)

5. Name of satellite MOS-1b "MOMO-1b"
- Designation 1990-013A
- Name of launching State Japan
- Date of launch 7 February 1990, 1:33 (UT)
- Location of launch Tanegashima Space Centre
Kagoshima, Japan

Basic orbital parameters:

- (1) Period 103 min
- (2) Inclination 99.205 deg
- (3) Apogee 904.8 km
- (4) Perigee 896.6 km

General function Continuation of Earth observation functions of MOS-1; establishment of common technology necessary for Earth-observation satellites

Launch vehicle H-I Launch Vehicle

Launching organization NASDA

6. Name of satellite DEBUT "ORIZURU"
- Designation 1990-013B
- Name of launching State Japan
- Date of launch 7 February 1990, 1:33 (UT)
- Location of launch Tanegashima Space Centre
Kagoshima, Japan

Basic orbital parameters:

- (1) Period 112.1 min
- (2) Inclination 99.0 deg
- (3) Apogee 1,736.2 km
- (4) Perigee 907.1 km

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| General function | Experiment of extending and contracting boom; experiment of expanding and contracting aerodynamic brake |
| Launch vehicle | H-I Launch Vehicle |
| Launching organization | NASDA |
| 7. Name of satellite | JAS-1b "FUJI-2" |
| Designation | 1990-013C |
| Name of launching State | Japan |
| Date of launch | 7 February 1990, 1:33 (UT) |
| Location of launch | Tanegashima Space Centre Kagoshima, Japan |
| Basic orbital parameters: | |
| (1) Period | 112.4 min |
| (2) Inclination | 98.8 deg |
| (3) Apogee | 1,730.3 km |
| (4) Perigee | 939.8 km |
| General function | Continuation of amateur radio services of JAS-1; extension of amateur radio communications area; advancement of amateur radio technology |
| Launch vehicle | H-I Launch Vehicle |
| Launching organization | NASDA |
