INFORMATION FURNISHED IN CONFORMITY WITH GENERAL ASSEMBLY RESOLUTION 1721 B (XVI) BY STATES LAUNCHING OBJECTS INTO ORBIT OR BEYOND

Note verbale dated 20 November 1978 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, in conformity with General Assembly resolution 1721 B (XVI), has the honour to transmit herewith information concerning a space object launched into earth orbit by Japan on 16 September 1978.
1. Name of satellite: JIKIKEN

2. International designation: 1978-37A

3. Date and place of launching: 16 September 1978
   Kagoshima Space Center
   Uchinoura, Kagoshima
   Prefecture, Japan

4. Launch vehicle: M-3H-3

5. Launching organization: The Institute of Space
   and Aeronautical Science,
   University of Tokyo

6. Basic orbital parameters:
   (1) Nodal period: 524 minutes
   (2) Inclination: 31.1 degrees
   (3) Height of apogee: 30051 km
   (4) Height of perigee: 227 km

7. General function:
   (1) Stimulated plasma wave experiment
   (2) Natural plasma wave measurement
   (3) Plasma parameter measurement by VLF Doppler technique
   (4) Electric field probe and plasma density measurement
   (5) Energetic particle analysis
   (6) Controlled electron beam emission experiment
8. Characteristics of satellite:

(1) Weight: 90.5 kg

(2) Physical configuration and dimensions:
   (a) Configuration: Polyhedron with 38 faces
   (b) Height: 0.6 m
   (c) Diameter: 0.75 m

(3) Attitude control subsystem: Spin stabilization

9. Expected life: 2 years