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COMMITTEE ON THE PEACEFUL USES
OF OUTER SPACE

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

Note verbale dated 13 April 1977 from the Permanent Representative
of Japan 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 accordance with General Assembly resolution 1721 B (XVI), has the honour to transmit herewith information concerning a space object called Engineering Test Satellite Type II (ETS II) "Kiku 2", which was launched into earth orbit by Japan on 23 February 1977.

ENGINEERING TEST SATELLITE TYPE II (ETS-II)

- 1. Name of satellite: Engineering Test Satellite Type II (ETS-II) "Kiku 2"
- 2. International designation: 1977-014A
- 3. Launching vehicle: "N" launch vehicle No. 3
- 4. Date and place of launch
 - (1) Date: 23 February 1977
 - (2) Place: Tanegashima Space Centre, Kagoshima Prefecture, Japan
- 5. Launching organization: National Space Development Agency of Japan (NASDA)
- 6. Basic orbital parameters
 - (1) Apogee: 35,787 km
 - (2) Perigee: 35,783 km
 - (3) Inclination: 0.568°
 - (4) Period: 1,436 minutes
 - (5) Geographical longitude on the geostationary satellite orbit: 130° E
 - (6) Frequency

Purpose	Frequency	Power of the transmission
Telemetry	136.1123 MHz	2 w
Measurement of R and RR	1,705 MHz	4 w
Propagation experiment	1,705 MHz	0.4 w
	11,508.75 MHz	0.4 w
	34,526.25 MHz	0.1 w

7. General function

	Organization in charge of the experiments
(1) Preliminary experiments to acquire technologies to launch geostationary satellites, acquire the geostationary satellite tracking and control technologies, for testing the attitude control functions of geostationary satellites, etc.	NASDA
(2) Propagation experiment of millimetre and quasi-millimetre waves	Radio research laboratories of the Ministry of Posts and Telecommunications

8. Characteristics of the satellite

- (1) Weight: 254 kg at launch
- (2) Physical configuration and dimensions
 - (a) Configuration: cylindrical satellite
 - (b) Height: 191 cm (including antenna)
 - (c) Diameter: 141 cm
- (3) Attitude control subsystem: spin stabilization

- 9. Expected life: at least 6 months