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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 1 May 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 which was launched into orbit by Japan on 4 February 1978.

1. Name of satellite: KYOKKO
2. International designation: 1978-014A
3. Date of launching: 4 February 1978
4. Launching organization: Institute of Space and Aeronautical Science, University of Tokyo
5. Place of launching: Kagoshima Space Center at Uchinoura, Kagoshima Prefecture, Japan
6. Basic orbital parameters:
 - (1) Nodal period: 134 minutes
 - (2) Inclination: 65.4 degrees
 - (3) Apogee: 3,977 km
 - (4) Perigee: 642 km
7. Radio frequencies employed:
 - (1) Tracking: 136.725 MHz
 - (2) Telemetry: 400.450 MHz
8. Active life: Two years
9. General function:
 - (1) Observation of wide angle global auroral pictures using UV television camera
 - (2) Spectrophotometry of the ultraviolet air glow
 - (3) Observation of the energy spectrum of photoelectrons and auroral electrons
 - (4) Mass spectrometry of the ionized atmospheric species in the thermosphere
 - (5) Measurements of density and temperature of ambient electrons in the thermosphere
 - (6) Observation of electromagnetic and plasma waves with special reference to the emission associated with auroral phenomena.
