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.