

Bulletin

Vol. 27, No. 22

May 31, 1972

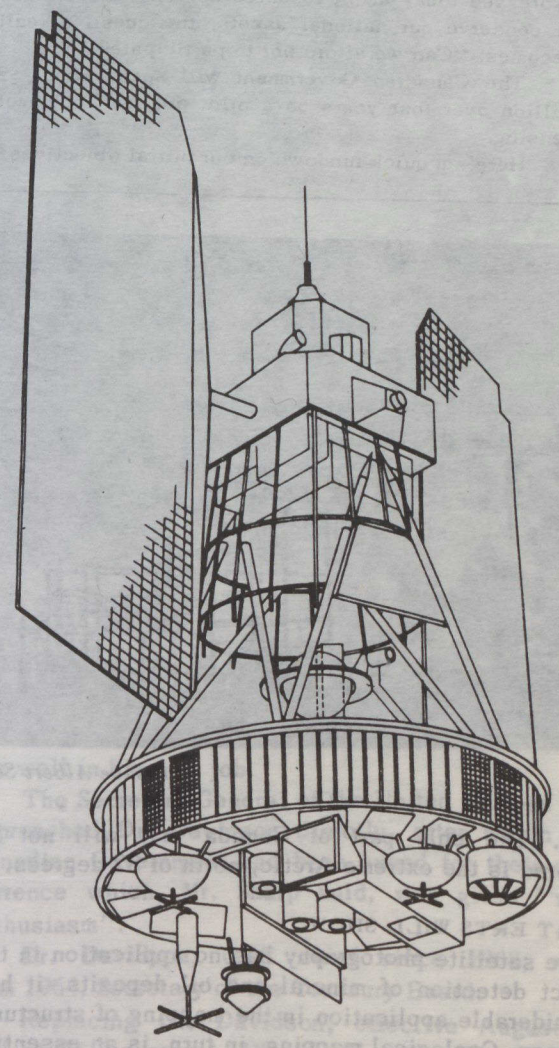
CANADA JOINS U.S. IN EARTH SCANNING

The first satellite to be designed exclusively for "remote sensing" (scanning the earth from a distance) is expected to be launched by the National Aeronautics and Space Administration (NASA) of the United States next month. This spacecraft, designated by the letters ERTS (Earth Resources Technology Satellite) will be replaced by another satellite a year later.

Canada has entered into an agreement with NASA to take part in the direct reception and analysis of data from these satellites while they are over Canadian territory; this opportunity to participate is being made available free of charge - all Canada has to contribute is its own receiving and interpreting facilities. Since Canada has neither satellite-launching facilities nor the type of equipment that will be placed on the ERTS satellites, it will gain valuable information at relatively small cost.

A receiving station at Prince Albert, Saskatchewan, will transmit data from the ERTS to a Ground Data Handling Centre (GDHC) in Ottawa. Located at approximately the geographical centre of Canada, this station will be capable of receiving

data for the whole country, with the exception of the Atlantic seaboard. For that area, data will be received by a nearby U.S. station, and the tapes containing them will be sent to Canada for proces-



The Earth Resources Technology Satellite

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