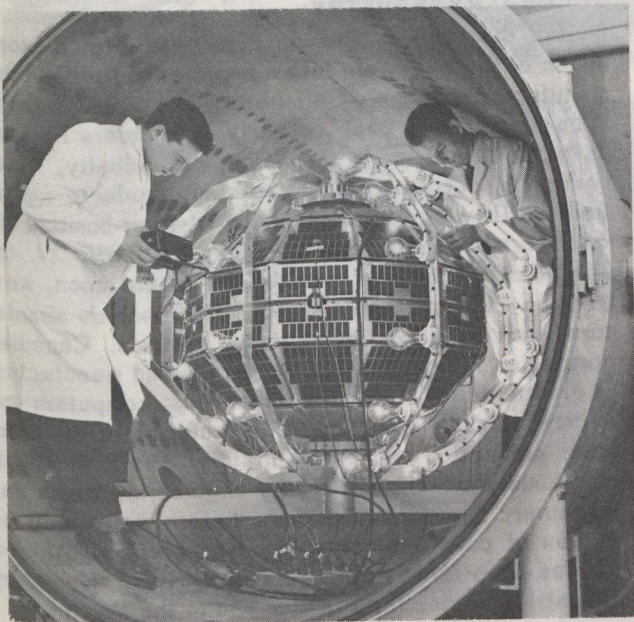


Bulletin

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CANADA IN THE SIXTIES



Canada's first artificial satellite undergoing testing in 1961.

Science, natural resources, engineering projects, secondary industry and population were the diverse factors that more than doubled Canada's gross national product and enabled the country to achieve during the 1960s an increased stature among the major industrial nations of the world.

SCIENCE

In the early years of the decade Canada's first radio-telescope was set up near Penticton, British Columbia, a location that provided natural shelter for the big dish against most of the chaos of radio noise. While federal astrophysicists trained their antennae on the remoter stars, other government scientists launched *Alouette I* into orbit and Canada became the third nation to have its own satellite in opera-

tion. Equipped with seemingly inexhaustible solar batteries and expanding antennae of revolutionary design, *Alouette* chattered on in scientific language for the rest of the decade. And, though *Alouette* was joined by two more Canadian satellites of even more complex design, nothing could diminish the prestige of that first success.

Also providing credits in space were the *Black Brant* Canadian rockets, designed to investigate the upper atmosphere and the nearer reaches of space, the solid performance of which soon led to further development and eventual use by scientists of several nations. Another space probe, known as HARP, that started at McGill University, Montreal, ended on a beach in Barbados, West Indies, where a group of Canadians adapted a large-calibre naval gun to fire experimental "packages" into space at a comparatively small cost.

But the excitement of technology was not all in the sky. Some Canadians were finding the oceans just as challenging, and the building of the Bedford Insti-

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