

In Ottawa, Telesat mission director Harry Kowalik (standing) monitors the launch.

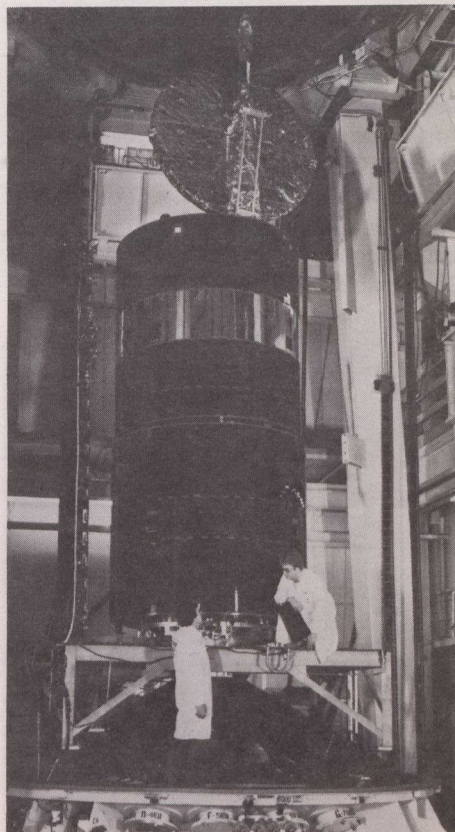
the 14/12 GHz bands means Telesat *Anik C* satellites will be able to work with much smaller earth stations than those in use today with conventional satellites operating with less power and at lower, more interference-prone frequencies.

Owing to their smaller size, and the fact that the higher-frequencies in use will not interfere with nor be interfered with by existing terrestrial microwave communications that share the lower frequencies used by older satellites, the *Anik C* earth terminals can be located easily in relatively crowded spaces. They can be placed in city centres, or mounted on rooftops of individual homes.

*Anik C* will be able to deliver a high quality television picture to a private earth terminal equipped with a dish antenna as small as 1.2 metres in diameter, making it ideal for interim direct broadcast satellite services.

### Space Transportation System

The flight of the *Columbia*, its fifth into space, marked the inauguration of the Space Transportation System, a commercial operation which will carry people, equipment, small laboratories and satellites to and from orbits in space. In addition to launching the *Anik C-3* on this mission, a US communications satellite, the *SBS-3* owned by Satellite Business Systems of McLean, Virginia, was also deployed. *Columbia* returned to earth on November 16.



Shown under construction, Canada's *Anik C-3*, the world's most powerful domestic communications satellite, towers some 6.43 metres tall with its 183-centimetre communications reflector (antenna) and lower solar panel deployed. Satellite has 16 transponders in the 14 and 12 Gigahertz radio bands.

### Death of former Lieutenant-Governor of Quebec

Hugues Lapointe, Quebec's Lieutenant-Governor from 1966 to 1978, died on November 13 following a brief illness. He was 71.

Mr. Lapointe, who held the position for a record 12 years, was the second federal politician in a political family.

Born at Rivière du Loup, Quebec, in 1911, he was the son of Ernest Lapointe, a federal Justice Minister in Mackenzie King's Liberal Cabinet.

He was first elected to the House of Commons in 1940 as Liberal member for the Quebec riding of Lotbinière and re-elected in 1945. Between the two elections he served overseas with le Régiment de la Chaudière.

He was Parliamentary Secretary to the Minister of National Defence and to the Secretary of State for External Affairs and Canadian delegate to the General Assembly of the United Nations in Paris in 1948.

Mr. Lapointe later served in the Cabinet of former Prime Minister Louis St. Laurent as Solicitor General, Veterans' Affairs Minister and Postmaster General. He was appointed as Quebec's Agent-General to Britain before becoming Lieutenant-Governor.

### Assistance for India flood victims

Canada will provide funds totalling \$195 000 to aid flood victims in India, announced Deputy Prime Minister and Secretary of State for External Affairs Allan MacEachen on October 27.

In response to appeals by church groups, the minister said that \$150 000 would be donated to the Canadian Lutheran World Relief (CLWR) and \$45 000 to the Canadian Council of Churches for their efforts on behalf of flood victims in India. The funds will be directed through the International Humanitarian Assistance (IHA) program of the Canadian International Development Agency (CIDA).

Severe monsoon rains in September caused serious flooding in many parts of India, particularly the state of Orissa. The Lutheran World Federation and World Council of Churches are working in the area through the relief commissioner of the state government. The Canadian funds will be earmarked for foodstuffs, water, housing and medical supplies.

The Citizen

Telesat Canada