

### Flentrop organ inaugurated

The National Arts Centre's new Flentrop organ, given to the people of Canada by the Dutch-Canadian community, was heard for the first time on October 7 at a recital by the Dutch master organist, Albert de Klerk. The concert was attended by 700-800 members of the Dutch-Canadian community, officials of the Canadian Government and of the National Arts Centre, and members of the Netherlands Embassy in Ottawa.

This organ, a gift by Canadians of Dutch ancestry in recognition of Canada's role in the liberation of the Netherlands in 1945, was officially donated in March 1970, the twenty-fifth anniversary of the liberation. Since the organ would take three years to build, a small "positiv" instrument was given as a token of the gift to come, and this has been in frequent use in the Opera. Both were built by Flentrop Orgelbouw of Zaandam in the Netherlands, claimed to be one of the world's best builders of organs. Only two Flentrop organs are in Canada. The new one arrived a year ago in separate sections, and was assembled by technicians sent by the makers. It has stood since that time, to allow the different woods used in its construction to acclimatize themselves to the atmosphere in the Opera. Recently, two technicians came from the Netherlands to "voice" the organ under conditions of almost complete silence backstage.

The instrument was built to special specifications suitable to the NAC Opera. It is 24 feet high, 16 feet wide, and weighs three tons. Its traction is mechanical, and it has 1,300 pipes ranging from eight feet to half an inch, and 26 registers. The pipes are made of copper, tin and wood. Among the various exotic woods are Slavonic oak, African mahogany and red cedar.

### Satellite electronics to United States

A contract valued at over a third of a million dollars has been awarded to Northern Electric Company Limited of Montreal by Hughes Aircraft Company, El Segundo, California. This order, for highly sophisticated telemetry and

command digital electronic equipment, opens the way to a substantial international market for the Company.

Two sets of electronic equipment will be assembled and tested in the spacecraft assembly area of Northern Electric's transmission plant at Lucerne, Quebec, where satellite electronic equipment is assembled.

The equipment will be fitted into a pair of Intelsat IV-A satellites — a new series of spacecraft to be operated by the International Telecommunications Satellite Consortium (Intelsat). The satellites will provide additional trans-oceanic telecommunications services to meet the accelerating growth of international traffic. Canada holds a 3.48 percent interest in Intelsat.

The electronic systems for the two Intelsat IV-A satellites will be delivered to California during 1974 for integration into the complete 24-channel spacecraft. Launch of the first satellite is scheduled for early 1975.

### Canadians are quitting cigarette habit

Statistics on Canadian cigarette-smokers up to December 1972, show a steady increase in the percentage of non-smokers, mainly attributable to the stopping of smoking by adult men and, to a lesser extent, adult women.

The figures, released at the end of September by Health and Welfare Minister Marc Lalonde indicate that the increase in the proportion of Canadians who do not smoke was achieved despite a sharp increase in smoking by teen-age girls. There was a levelling off of smoking by teen-age boys.

Only two out of five Canadians 15 years of age and over smoke cigarettes regularly. There are, it is estimated, almost half a million fewer cigarette-smokers in Canada now than there would have been if the rate prevailing in 1965 had continued.

### Regional variations

The largest increase in the non-smoking population is in Ontario and British Columbia, the least in Quebec, which has the heaviest smoking pattern for both men and women. There were decreases in the percentage of regular cigarette-smokers 15 years of

age and over among males of all regions, and among females in Ontario and British Columbia. There were increases in the percentage of female smokers in the Atlantic, Quebec and Prairie regions.

Mr. Lalonde emphasized that while it was necessary to maintain efforts to reduce smoking hazards, there was a need to develop more effective services at the community level, where they were likely to have most impact.

"To recognize differing local, regional and provincial influences and the excellent resources available throughout the country, we have considerably strengthened our liaison services with provincial governments and other groups dealing with the smoking problem over the past year, and we expect to increase them in the future," said the Minister.

The federal Health Department is concerned with Canadians who are unable to quit smoking. Efforts are being continued to develop less hazardous tobacco products. Educational activities are also being maintained by the Department to inform Canadians of less hazardous ways of smoking, should they not be able to stop completely.

### Further increase expected in capital spending

Capital expenditures by all sectors of the Canadian economy are now expected to reach \$24,763 million this year, an increase of 4 percent over the \$23,753 million reported as planned at the beginning of the year, says Statistics Canada. Achievement of these capital-spending intentions would involve an increase of 13 percent over the level of \$21,877 million for 1972. Planned capital spending for the acquisition of machinery and equipment is registering additional strength during 1973 with a new total of \$9,119 million. If implemented, this total will be 5 percent higher than the earlier expectation of \$8,661 million, and 20 percent higher than 1972's preliminary actual total of \$7,579 million. The total value of new construction is now estimated to be \$15,644 million, compared to \$15,092 million in the earlier estimate for this year and \$14,298 million for 1972.