



It's About Time NRC

designed one of the world's earliest cesium beam atomic clocks in 1958. It was one of the most precise clocks known in history, accurate to a few millionths of a second per year. By the 1970s, NRC time was being used to set official time scales and clocks around the world.

Radio to the In 1960, NRC built a research station at Lake Traverse in Algonquin Park, Ontario for its new radio telescopes, which were rated among the best in the world. Using what looked like huge satellite TV dishes, NRC experts picked up radio signals from stars, gas clouds and other objects many millions of light years away.



Stars

Canola

Canola oil sometimes takes the place of butter on popcorn. It's also used to make margarine, cooking oils, lubricants, and non polluting inks.

In the 1940s, NRC worked with other researchers to develop a hybrid canola plant, and today canola is one of Canada's leading cash crops.

Breakthrough in

In 1962, a breakwater that looked like a huge piece of Swiss cheese was built to protect the harbour at Baie Comeau, Québec. Designed by NRC, the breakwater absorbed up to 85 per cent of wave energy by letting water flow through holes in its walls.

Breakwaters

- Studies of the upper atmosphere using satellites • Aircraft de-icing technology • Cultivation of sea plants as food sources • Method of reducing silt accumulation in harbours • National Science Library established in 1957
- Industrial Research Assistance Program (IRAP) established in 1961