

RICHMOND REVEALED

High Technology Spectacle

An unparalleled series of visual spectacles will introduce Richmond, BC, Canada to the world during the Vancouver 2010 Olympic Winter Games. Each spectacle will tell the story of Richmond's local economy, people, heritage and natural environment.

High Technology showcased in the O Zone



*Designed, built and operated by MacDonald, Dettwiler & Associates Ltd. (MDA), headquartered in Richmond, the RADARSAT-2 is recognized as the most capable synthetic aperture radar satellite in the world. It monitors agriculture, oceans, global climate change and disaster areas stricken by earthquakes, tsunamis and tornadoes.
Photo credit: MDA*

- Richmond is home to some of the top high technology companies in the world and is a leading contributor to the technology industry.
- MacDonald, Dettwiler & Associates Ltd. for aerospace and aviation, Advanced Cyclotron Systems Inc. for life sciences, Norsat for information and communication and GeoTility for sustainability will all have exhibits in the Richmond O Zone celebration site.
- Various spectacles showcasing these sectors will be on display in Richmond for the duration of the 2010 Olympic Winter Games.

Aerospace and aviation

- The RADARSAT-2, designed, built and operated by MacDonald, Dettwiler & Associates Ltd. (MDA), is recognized as the most capable synthetic aperture radar satellite in the world. Its advanced radar antenna allows the satellite to capture a wide range of images over land and sea, 24 hours each day, through clouds, darkness and heavy weather.
- The "Remote Manipulator System," better known as the Canadarm, was designed, developed and built by MDA, under contract to the National Research Council of Canada. The first arm was Canada's contribution to NASA's

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Space Shuttle Program with the first unit travelling to space in 1981 with the U.S. Space Shuttle Columbia.

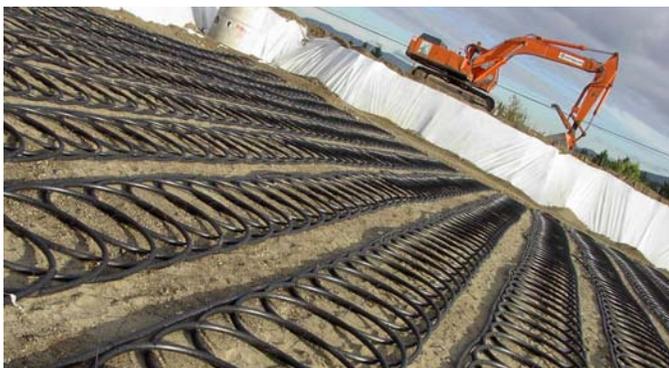
Did you know?

- Richmond is home to nine of the top 20 software developers, 10 of the top 50 technology companies and four of the top 20 electronic manufacturers in British Columbia.



56-foot diameter TRIUMF Cyclotron: vacuum chamber and resonators built in 1969 at Ebco Industries (the parent company of Advanced Cyclotron Systems, Inc.) Photo credit: Ebco Archives/ TRIUMF.

- For over 30 years, Richmond has been attracting some of the biggest and most innovative high-tech companies to establish its high-tech hub. This is due to lower land costs, location near the Vancouver International Airport and a highly skilled workforce.



GeoTility installed the largest horizontal heat exchanger in Canada at the headquarters of Tekmar Control Systems in Vernon, BC, 2003. Photo credit: GeoTility Archives.



Norsat NewsLink™ system, enabling the first live news broadcast from the base camp of Mt. McKinley, Alaska, 2004. Mt. McKinley is the tallest peak in North America, with a height of 6,194 metres above sea level. The base camp is located at the 2,134 metre level. Photo credit: Hans Johnson.

- Richmond's diversified economy and geographic accessibility makes Richmond a natural location for company head offices and supports the transition toward more high technology industries.
- Microsoft, one of the world's leading software developers, first opened its doors in Richmond in July 2007 with 20 employees. Today it employs over 300 people from 45 different countries who can speak 15 distinct languages.

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