Tallest tower opens

The highest free-standing structure in the world – soaring 1,815 feet above the Toronto skyline – opened to visitors on June 26.

The CN Tower, built as an aid to communications, has an observation platform reached by glass-faced elevators (where on a clear day one can see across Lake Ontario for up to 100 miles beyond Niagara Falls) and a 400-seat revolving restaurant. Both are above the 1,000-foot level. The topmost part of the tower carries antennae for television and radio transmission. Construction began in February 1973. (See Canada Weekly *dated April 23, 1975 and combined issues dated April 2 and 9, 1975.)*

Appointments to the Order of Canada

Governor-General Jules Léger announced 65 new appointments to the Order of Canada on June 25 – three Companions, 21 Officers and 41 Members, who will receive their decorations later in an investiture at Government House. One of the Companions, Dr. Helen S. Bogg of Richmond Hill, Ontario, formerly an Officer of the Order, is being elevated to Companion.

Walter Gordon of Toronto, Chancellor of York University, who was appointed federal Minister of Finance in 1963 and President of the Privy Council in 1967, is named Companion of the Order, with Dr. Bogg, noted international astronomer, and Laurent Picard of Outremont, Quebec, who served as President of the Canadian Broadcasting Corporation from 1972 to 1975.

The Order of Canada, which was created in 1967, recognizes outstanding achievement and service. Degrees of members are designated by letters after surnames – for a Companion "C.C.", for an Officer "O.C." and, for a Member, "C.M.".

Officers

The 21 officers are: Michel F. Bélanger, Dr. Vincent W. Bladen, John J. Carson, Dr. R. Keith Downey, Dr. Henry E. Duckworth, Claude Edwards, Jean-Paul Gignac, Miss Karen Kain, James Stuart Keate, Dr. Allen T. Lambert, Dr. Irving Layton, Napoléon M. LeBlanc, Dr. Heinz E. Lehmann, Dr. Séraphin Marion, The Very Reverend A.B. Moore, Dr. Malcolm Ross, Mrs. Mariette Rousseau-Vermette, Dr. Adélard M. Savoie, Commissioner James Smith, Dr. Erich W. Vogt and General Clarence Dexter Wiseman.

Members

The 41 members are: Dr. John B. Angel, Dr. A. Emile Beauvais, Dr. Clarence M. Bethune, Solomon Marcien Bonneau, Mrs. Mary Bradley, Louis Charbonneau, Mrs. Irene Clarke, Reverend Father Wilfred Corbeil, Mrs. Mabel Margaret Crosland, Richard MacDowell Dumbrille, Dr. Ferdinand Eckhardt, Miss Suzanne Eon, Miss Edith A. Ferguson, Miss Violet Amy Gillett, Myer Murray Goldstein, Dr. Valère Emile Groleau, Dr. Georgette Guay, Mrs. Anne Heggtveit-Hamilton, Dr. Godfrey Hewitt, William MacDougall Hogg, Lieutenant-Colonel Alan Innes-Taylor, Dr. Albert Jutras, Dr. James Roby Kidd, Brother Frederick Leach, Dr. Salvatore Mancuso, Rufus Ezra Moody, Dr. Sean Murphy, Mrs. Emily Ostapchuk, Hugh Edward Pearson, Isidore Constantine Pollack, John Brabant Ridley, Brother Ernest Rocheleau, Samuel Sniderman, Dr. Allan Van Cleave, John J. Verigin, A. Leslie Vipond, Captain Richard P. White, Moncrieff Williamson, Lars Willumsen, Mrs. Marjorie Wood and John Yesno.

Trial balloon evaluates crop and forest conditions

About 100 experts in agriculture, forestry, oceanography, transportation, communication and other sciences were present at the launching of the first scientific balloon in the Ottawa area at the Environment Department's Central Research Forest on June 8.

The orange, zeppelin-shaped balloon, which is equipped with a radio-controlled camera to record information on soil, trees and plants at the research centre, was launched by the Canada Centre for Remote Sensing, a branch of the federal Department of Energy, Mines and Resources. The information will be used by the Environment Department's Forestry Management Institute.

"We want to demonstrate to a large number of people who might have a use for it, how the balloon operates," says Ernie McLaren, head of the Remote Sensing Centre's airborne operations section.

Using a balloon is much cheaper than renting specially-equipped aircraft if a scientist wishes to monitor continuous, day-to-day events, such as the number of people using a park, Mr. McLaren explains.

The Energy Department plans to use the balloon in several other places during the summer – for example to determine crop types and their condition in the Joliette and Ile d'Orléans areas of Quebec and to measure the speed of currents in the Bay of Fundy.

EMR does not intend to buy more balloons, Mr. McLaren says. "This is strictly a demonstration project. At the end of the summer we will provide scientists with complete information on the costs, sizes and capabilities