

## Tour of military bases abroad

Defence Minister Barney Danson recently conducted a tour of Canadian Forces units in West Germany and Cyprus, and made an official visit to Greece.

In West Germany, Mr. Danson was joined by Minister of Defence of the Federal Republic Dr. Hans Apel for visits to Canadian units in Lahr and nearby Baden-Söellingen.

On January 5 and 6, he saw Canadian Forces troops on peacekeeping duty for the United Nations in Cyprus and toured their military installations and outposts.

Canada contributes the second largest contingent of 500 officers and men out of the UN force's total strength of 2,500. Canadians were among the first to arrive on the island in 1964 when the UN force was formed to keep the peace.



Canadian Forces photo by Sgt. J. Rodger

*Mr. Danson eases into a new C-1 Leopard tank during a visit to Canadian Forces Europe January 2-3. German Minister of Defence, Dr. Hans Apel, looks on.*

On January 7 Mr. Danson arrived in Athens for a two-day official visit, where he was received by the President of Greece, Constantine Tsatsos, Prime Minister Constantine Karamanlis and Foreign Minister Georges Rallis. He also met with Minister of Defence Evangelos Averof and his senior military officers, for briefings and discussions on NATO related matters.

## Lightning strikes for science

The National Research Council is participating with the University of Toronto, Ontario Hydro and Hydro-Quebec in a program of measurements of lightning parameters (eg. crest currents and current waveshape) at the CN Communications Tower in Toronto. Although the main features of lightning have been explained qualitatively there is still disagreement on the median values of lightning parameters and on the statistical distribution of each parameter.

The 553-metre tower, the tallest free-standing structure in the world, is struck by lightning approximately 35 times a year. When the tower is struck a current wave travels down the structure and is reflected from the ground. The reflected wave returns to the point struck and adds to the current there. The extreme height of the CN Tower should allow researchers time to measure lightning currents before they are affected by reflections from the ground.

Two new current-measuring stations and a videotape system set up to record lightning flashes will add information to data which had been previously taken on structures less than 100 metres high.



*CN Tower, Toronto, the tallest free standing structure in the world.*

## Minister visits the Caribbean

Secretary of State for External Affairs Don Jamieson visited Barbados, St. Lucia and Jamaica from January 16 to 21, accompanied by three Members of Parliament and seven Canadian businessmen.

Mr. Jamieson held bilateral discussions in Barbados and St. Lucia on Canada's relations with these states, on Commonwealth matters of mutual interest, and on other international issues, including developments generally in the Caribbean region. He stressed the importance of the new Trade and Economic Co-operation Agreement between Canada and the Caribbean Common Market (CARICOM), which he signed in Kingston, Jamaica on January 20, together with ministers of the 12 Commonwealth Caribbean member governments of CARICOM.

In Barbados, Mr. Jamieson spoke with Prime Minister Adams and Foreign Minister Forde and met senior officials of the Caribbean Development Bank, of which Canada is a member. He also visited

the site of the uplands sugar cane separator, a project which is being undertaken with assistance from the Canadian International Development Agency (CIDA).

In St. Lucia, Mr. Jamieson held discussions with Governor Lewis and Premier John Compton, and visited the new Comprehensive School built under CIDA's auspices near Castries, St. Lucia.

In Jamaica, the minister met Prime Minister Manley and Deputy Prime Minister and Foreign Minister P.J. Patterson. The Canadian group also participated in a half-day seminar with the CARICOM Secretary-General and officials of several CARICOM Governments on the prospects for Canada-CARICOM relations following the conclusion of the new Economic Co-operation Agreement.

In addition to discussions with host governments, the Canadian Members of Parliament met groups of local parliamentarians while businessmen conferred with Caribbean businessmen and government, CARICOM and Caribbean Development Bank officials.