



# CANADIAN WEEKLY BULLETIN

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## CANADA'S TRIBUTE TO SIR WINSTON CHURCHILL

The following obituary tribute to Sir Winston Churchill by Prime Minister L.B. Pearson was issued on January 24:

"All Canadians are grief-stricken by the news of Sir Winston's death. It is hard to believe that this supreme incarnation of the human spirit is now stilled. Our sympathy and prayers go out to Lady Churchill, who has shared and strengthened his unparalleled career, and whose contribution to his great achievements only he could fully value.

"Despite the inevitability of this day, despite the fullness and sweep of his 90 years, no one who lived through the forties, when his voice inspired free men to their greatest victory, will learn without the deepest sorrow that the end of the road has been reached by the dominant personality of our century.

"Sir Winston has passed on, but the example of his courage, the majesty of his words, the inspiration of his leadership and of his life, these will endure for all time.

"Defiant in defeat, far-sighted in victory, warm-hearted, high-souled, broad-minded, he was the greatest leader of our time. But he was more than that. His life touched every vital human activity and mastered most of them. He was no demigod, aloof an Olympus, but the warmest of human beings, with whom it was easy, and tempting, to identify oneself.

"That is why his death brings a sense of personal grief and loss to millions who never knew or saw him.

"We shall not see his like again. May God rest his great heart and soul."

## DELEGATION TO CHURCHILL OBSEQUIES

Prime Minister L.B. Pearson headed the official Canadian representation at funeral services for Sir Winston Churchill at St. Paul's Cathedral, London, on January 30. He was accompanied by Mrs. Pearson.

The senior Canadian representatives were Mr. John G. Diefenbaker, Leader of the Opposition and former Prime Minister, and Mr. Lionel Chevrier, Canadian High Commissioner to Britain.

Other members of the Canadian delegation included Mr. Lucien Cardin, Associate Minister of National Defence, Miss Judy LaMarsh, Minister of National Health and Welfare, Mr. Maurice Bourget, Speaker of the Senate, Mr. Alan Macnaughton, Speaker of the House of Commons, Mr. Gordon Robertson, Clerk of the Privy Council and Secretary to the Cabinet, Lieutenant-General Geoffrey Walsh, Vice Chief of the Defence Staff, and Mr. Frederick T. O'Brecht, Dominion President of the Royal Canadian Legion.

## SERVICE IN OTTAWA

In Ottawa, on January 30, a memorial ceremony for the late British Prime Minister, who was also a member of the Canadian Privy Council, was held in the Hall of Fame, the Parliament Buildings. The eulogy of Sir Winston was delivered by Mr. Vincent Massey, former Governor-General of Canada. Attending this ceremony were Governor-General Georges P. Vanier and Madame Vanier, the Acting Prime Minister, Mr. Paul Martin, the British High Commissioner in Canada, Sir Henry Lintott, and Lady Lintott, heads of the missions and their wives, representa-

(Over)



tives of veterans organizations, and other distinguished Canadians.

Flags on the Parliament Buildings in Ottawa and on all federal buildings and defence establishments throughout the country were flown at half mast until Saturday evening.

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### VETERAN RCN VESSELS RETIRED

The Minister of National Defence, Mr. Paul Hellyer, announced recently that a 22-year-old-destroyer escort and three 20-year-old ocean escorts of the Atlantic Command of the Royal Canadian Navy would shortly be turned over to the Crown Assets Disposal Corporation. These are the destroyer escort "Iroquois", which has been in reserve at Sydney, Nova Scotia, since being paid off in October 1962, and the ocean escorts "Lanark", "Buckingham" and "Fort Erie", which have been alongside at Halifax since last November.

The decision to dispose of these four ships was an economic one. Their condition is such that extensive, costly refitting would be required to return them to even a degree of acceptable operational state. "The costs involved, together with their limited effectiveness in modern anti-submarine warfare", the Minister's statement said, "preclude the allocation of resources necessary to retain the ships either in commission or in reserve."

### ADDITIONS TO ATLANTIC FLEET

While this decision will reduce by four the number of ships in Canada's Atlantic fleet, the addition of new and improved vessels within the past year has effected a considerable increase in the anti-submarine capability of the naval forces on the East Coast.

Two new helicopter-carrying destroyer escorts, the "Nipigon" and "Annapolis", joined the Atlantic fleet in 1964, as did two destroyers, the "Assiniboine" and "St. Laurent", which returned to service after being converted to carry helicopters. All four ships are also equipped with variable-depth sonar.

A third destroyer, the "Ottawa", similarly converted, will join the Atlantic fleet in March. Three more ships, the "Skeena", "Saguenay" and "Margaree", will rejoin the fleet this year on completion of their conversion to carrying helicopters.

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### NATIONAL FISH MONTH

Special recognition is to be given to the Canadian fishing industry and the resource on which it is built during the current year. This will result from a proclamation by Fisheries Minister H.J. Robichaud declaring October 1965 "National Fish'n Seafood Month".

Mr. Robichaud's announcement points to the important role the country's vast ocean and freshwater fish resources have played in the discovery and development of Canada from coast to coast. It emphasizes, also, the valuable contributions the fishing industry makes to the livelihood of thousands

of Canadians and to the nutritional well-being of populations at home as well as those in the widely dispersed foreign markets to which Canadian fish products flow.

### FISHERIES IN THE ECONOMY

Some 80,000 Canadian fishermen engage part-time or full-time in the fisheries. The total landed value reached the vicinity of \$125 million in 1964 and the market value of products approximated \$250 million. Apart from those directly engaged in the industry, many thousands more benefit from the employment the fisheries provide in the packaging, transportation and other allied industries.

Canadians catch about 150 species of fish and shellfish, which are processed and marketed in a wide variety of products and go to countries all over the globe. As a result, Canada is one of the world's three leading exporters of fish.

New impetus was given to the modernization of the fishing industry by the National Fisheries Development Conference held in Ottawa last year. Rapid expansion is now taking place in the construction of new fishing vessels, the introduction of new fishing techniques and the improvement of fish-handling facilities.

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### CANADIAN HEADS MEASURES BODY

Dr. L. E. Howlett, director of the division of applied physics of the National Research Council, has been elected the seventh president of the International Committee of Weights and Measures. This constitutes world recognition of Canadian research on the fundamental physical standards of measurement.

The International Committee consists of 18 members, each elected for his personal scientific distinction. No more than one member may come from the same country.

### NRC CONTRIBUTIONS

The division of applied physics of the National Research Council seriously entered the field of measurement research about 15 years ago. Its contributions include the following:

Research of the interferometric section helped prepare for the decision, made in 1960, to base the world's standard of length on a wave length of light.

The interferometric section had the first comparator permitting length-scales to be measured directly in terms of wave lengths of light.

Work done in the heat and solid state physics section led to significant improvements of the International Temperature Scale.

The electricity section was one of the first groups in the world to operate a cesium "clock", which is paving the way for the second of time to be defined in terms of a vibration within an atom instead of the motion of the earth about the sun.

The radiation optics section is in the forefront of a re-examination of the adequacy of the present unit of brightness, called the "candela".



## CANADIAN MILITARY AID TO MALAYSIA

The following statement was issued on January 25 by Prime Minister L.B. Pearson:

In July 1964, the Prime Minister of Malaysia paid an official visit to Ottawa, following a meeting of the Commonwealth prime ministers, where the latter had jointly assured him of "their sympathy and support in his efforts to preserve the sovereign independence and integrity of his country and to promote a peaceful and honourable settlement of current differences between Malaysia and neighbouring countries". At the Malaysian Prime Minister's request, the Canadian Government considered how best to assist Malaysia in developing its own defensive capabilities without jeopardizing its economic development.

On July 29, 1964, the Prime Minister announced in the House of Commons that Canada would send a military survey team to examine and report on Malaysian requirements.

### TRANSPORT AND TRAINING

A survey team visited Malaysia in October and November 1964. After careful consideration of its report, the Government has concurred in the team's recommendation that the most valuable contribution Canada

could make to Malaysia's security would be in the fields of air transport and training. Bearing in mind the Malaysian requirement for extending and improving internal communications, the Government has decided to offer to Malaysia as an outright gift four "Caribou" transport aircraft, with a substantial quantity of spares. In addition, a range of military training facilities in various fields will be made available in Canada for up to 40 Malaysian personnel a year. Canada would also supply 250 motorcycles for use by the Royal Malaysian Police. Implementation of this offer, which would involve expenditure of up to \$4 million (Canadian), would begin immediately and would extend over the next two years.

The Malaysian Government has been informed of the Canadian offer and has indicated that it would be warmly welcomed. The Canadian Government wishes to assist Malaysia, a fellow member of the Commonwealth, to build up its ability to defend itself. The maintenance of security is an essential foundation for Malaysia's further economic and social progress and for the success of its endeavours to build a constructive and respected role in the international community. The Canadian Government is glad to be able to assist Malaysia in its realization of these goals.

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### DEPARTMENT STATUS FOR DBS

Mr. Mitchell Sharp, the Minister of Trade and Commerce, announced recently that the Dominion Bureau of Statistics had been designated for legal and administrative purposes as a department of the Federal Government. The Change went into effect as a result of an Order-in-Council of January 6, which also designated the Dominion Statistician as the Deputy Head for DBS.

The present Dominion Statistician is Walter E. Duffett, who will continue to report to the Minister of Trade and Commerce in accordance with the provisions of the Statistics Act. Mr. Duffett was appointed on January 1, 1957, after serving the Government in various capacities, including positions in the Bank of Canada, the Department of Labour and the Wartime Prices and Trade Board. He is a member of the International Statistical Institute, the Inter-American Statistical Institute and the American Statistical Association.

The designation of DBS as a department is in line with the views of the Glassco Commission.

### NATURE OF DBS

Canada has a central statistical system of which DBS is the main element. The information produced by the Bureau is widely used by the federal, provincial and municipal governments, by business and industry, and by institutions and associations of all kinds.

Mr. Sharp noted that the position of Dominion Statistician had been created half a century earlier,

in 1915. The Dominion Bureau of Statistics came into being three years later under the Statistics Act of 1918.

As stated in the Act, the duties of the Bureau were "to collect, abstract, compile and publish statistical information relative to the commercial, industrial, social, economic and general activities and condition of the people".

Since that time, the scope and range of DBS activities have increased very considerably with the growth and development of modern Canada especially during and since the Second World War. The Bureau now has over 2,000 employees and eight regional offices across Canada.

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### FISHERIES RECCE IN AFRICA

A six-man Fisheries Reconnaissance Mission left Canada on January 22 for an 18-day tour of West Africa and Greece. It visited Liberia on January 24 and 25, Ghana from January 26 to 29 and Nigeria from January 30 to February 3, and is to be in Greece from February 5 to 10.

The mission is sponsored by the Department of Trade and Commerce. Its aim is to study at first hand the kinds and varieties of fisheries products being sold in these markets and to examine the long-term possibilities for the expansion of exports of Canadian fisheries products to these countries. It also plans to investigate fisheries development in the four countries on the itinerary and to see the methods of production and marketing currently in use.



### STAMP FOR NEW FLAG

Canada's new flag will be honoured on a special commemorative postage stamp to be issued on June 30, it has been announced by Mr. John R. Nicholson, Postmaster-General of Canada.

The date of issue was chosen to coincide with July 1, Canada's national holiday. The design will feature the new flag flying against a blue sky. The word "Canada" and the denomination "5" will appear in the middle-left position. The words "postes" and "postage" will appear at bottom left.

The colours blue and red will be printed in intaglio, using hand-engraved steel dies. The design was developed by the Canadian Bank Note Company at the request of the Post Office Department.

### PHILATELIC PROGRAMME REVISED

The inclusion of a flag stamp has necessitated a rearranging of the previously-announced philatelic programme. The stamp to honour the centennial of the choice of Ottawa as the national capital has been moved from June 30 to September 8, which is also the date of issue of a stamp to commemorate the Inter-Parliamentary Union Conference.

The updated stamp programme is now as follows: February 3, New Brunswick and Nova Scotia florals; March 3, International Co-operation Year; spring, Space Research; April 28, British Columbia and Manitoba florals; June 30, flag stamp; August 4, Prince Edward Island floral; September 8, Inter-

Parliamentary Union Conference and centennial of the choice of Ottawa as the national capital; October 13, 3-cent and 5-cent Christmas stamps.

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### SCIENTIST WIDELY RECOGNIZED

Five honours have recently been given Dr. Gerhard Herzberg, director of the division of pure physics of the National Research Council of Canada. He has been awarded the Frederic Ives Medal (1964) by the Optical Society of America, appointed to the Pontifical Academy of Sciences of Vatican City, elected an honorary member of the Hungarian Academy of Sciences, elected second vice-president of the Royal Society of Canada, and had the honorary degree of doctor of science conferred on him by the University of British Columbia.

Dr. Herzberg is a leading authority on molecular spectroscopy. Apart from contributing to the knowledge of the structure of a number of well-known stable molecules like hydrogen, oxygen, molecular nitrogen, carbon dioxide, acetylene and prussic acid, Dr. Herzberg and his group have, in recent years particularly, studied the spectra of so-called free radicals, like free methyl and free methylene and many others, and from these spectra they have been able to determine the structures of these radicals.

As a result of one aspect of Dr. Herzberg's work, astronomers have been able to detect molecular hydrogen in planetary and stellar atmospheres.

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**FISHERIES RESEARCH MISSION**  
A six-man Fisheries Research Mission left Canada on January 22 for an 18-day tour of West Africa and Greater West Africa from January 24 to 29 and 29 to 31 respectively. The mission is sponsored by the Department of Trade and Commerce. Its aim is to study at first hand the kinds and varieties of fisheries products and to examine the possibilities for the expansion of exports of Canadian fisheries products to these countries. It also plans to investigate fisheries development in the subcontinent of West Africa and to see the methods of production and marketing currently in use.

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