

CANADA

EXCHANGE OF NOTES (May 18, June 28, 29, 1965) BETWEEN THE GOVERNMENT OF CANADA AND THE GOVERNMENT OF THE UNITED STATES OF AMERICA CONCERNING THE CONTINUING OPERATION IN CANADA OF MOBILE SEISMIC OBSERVATORIES UNTIL JUNE 30, 1968. (Project VELA UNIFORM)

I.

The Ambassador of the United States of America to Canada to the Secretary of State for External Affairs

EMBASSY OF THE UNITED STATES OF AMERICA

No. 232

The Ambassador of the United States of America presents his compliments to the Secretary of State for External Affairs and has the honor to refer to the Department of External Affairs' Note No. 3 of January 20, 1965, authorizing the United States Government to operate mobile seismic observatories in Canada until June 30, 1965 in connection with its program of seismic research known as Project VELA UNIFORM.

The Government of the United States considers it highly desirable to continue this co-operative program of observations in Canada for a further period and the Ambassador therefore proposes that the present authorization be extended for a period of three years, under the same conditions as heretofore.

The purpose of Project VELA UNIFORM continues to be research and development relative to the detection and identification of seismic events, with particular reference to underground nuclear explosions. As a consequence of observations made thus far in Canada and elsewhere, a better understanding has been attained of the nature of earthquakes, of the properties of the earth's crust and upper mantle and of the effect of various types of earth formation on the efficiency of seismic waves generated by underground nuclear explosions.

Important work remains to be done to improve the capability to distinguish between earthquake signals and those of an underground explosion. Several different types of identification criteria are under study, and the proposed further operation of mobile observatories in Canada is expected to contribute to this and other aspects of the project. Data recorded in Canada under this program will be made available to the Government of Canada if desired, and the results of the research program will be published in unclassified form.

If the foregoing meets with the approval of the Government of Canada the Ambassador has the further honor to propose that this note and the Secretary of State for External Affairs' reply thereto shall constitute an agreement between the two Governments effective the date of that reply.

W.W.B.

Embassy of the United States of America,
Ottawa, May 18, 1965.