



EXCHANGE OF NOTES (JUNE 26 AND 27, 1968) BETWEEN THE GOVERNMENT OF CANADA AND THE GOVERNMENT OF THE UNITED STATES OF AMERICA EXTENDING FOR A PERIOD OF THREE YEARS FROM JULY 1, 1968, THE AGREEMENT OF JUNE 29, 1965, CONCERNING THE OPERATION IN CANADA OF MOBILE SEISMIC OBSERVATORIES (project VELA UNIFORM).

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*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. 298

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 agreement between the Government of the United States of America and the Government of Canada authorizing the United States Government to operate mobile seismic observatories in Canada from July 1, 1965 to June 30, 1968. This agreement was constituted by Note No. 232, May 18, 1965, from the Embassy to the Department of External Affairs; Note No. 72, June 28, 1965, from the Department of External Affairs to the Embassy; and Note No. 287, June 29, 1965,⁽¹⁾ from the Embassy to the Department of External Affairs. Under this agreement five portable LRSM stations have been operated at selected locations in Canada since the latter part of 1965 in support of the program of seismic research known as Project VELA UNIFORM.

These field operations have been performed by a private contractor, the Geotech Division of Teledyne, Inc., under the technical direction of the AFTAC/VELA Seismological Center. On several occasions additional mobile seismic stations have been temporarily occupied in Canada to record seismic data of special interest to the VELA UNIFORM program. Typical of these special recording programs was the deployment of 10 portable LRSM seismic stations to record LONG SHOT, a VELA UNIFORM underground nuclear explosion in the Aleutian Islands in October 1965, and operation of a number of seismic recording teams during the cooperative United States-Canada Lake Superior seismic experiment in 1966.

The data obtained from the LRSM seismic stations operated in Canada is utilized in VELA UNIFORM studies related to the detection and identification of underground seismic events. To carry out these studies a statistically meaningful assemblage of seismic events (both natural earthquakes and underground nuclear and chemical explosions) are required for various distance ranges and azimuths from these events. Recording sites in Canada offer recording possibilities at distances and azimuths from the Nevada Test Site and major

⁽¹⁾ Canada Treaty Series 1965 No. 10.