

to contribute to an international system which one day may constitute an essential monitoring element of a negotiated CTBT. In October, 1985, a two-year research grant was awarded to the University of Toronto to examine the effectiveness of using regional seismic data, and in particular high-frequency seismic waves, to discriminate between earthquakes and underground nuclear explosions, including those conducted in decoupled situations. And in October of this year, Canada hosted a technical workshop for seismic and data communications specialists from 16 countries, including the USSR, to discuss the exchange of seismic waveform data, i.e., the original digital data from seismic events detected at participating seismograph stations. This work will be made available to the Conference on Disarmament.

-- Outer Space: Canada has investigated some aspects of the technical requirements that might exist for verifying a multilateral agreement to control space weapons. Under the "PAXSAT A" study as it is called, the feasibility of the practical application of space-based civilian remote sensing techniques to verify an outer space treaty has been examined.