Locations in Southern Ontario

The A-OTHR capability will be in Southern Ontario and will extend NORAD and the CAF's situational awareness into the Canadian North and the North Atlantic.

Over-the-Horizon Radar can conduct surveillance at far greater ranges than regular radar technology as it bounces radar beams off the ionosphere to see around the curvature of the Earth (see figure 1 below).

The A-OTHR system needs to be in Southern Ontario to meet NORAD surveillance requirements.

Figure 1. A-OTHR concept

