

An OTH-B radar covers a tremendous volume of airspace. For example, the system in Maine covers a region from 900 to 3300 km off the east coast of the United States providing a coverage volume of 5.4 million square kilometres - approximately 3% of the earth's surface.⁶¹ The blind zone out to 900 km is a result of the requirement to bounce the energy off the ionosphere at a glancing angle and back to the surface of the earth.

⁶¹ "Maine OTH-B ..." op. cit. p. 52.