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Paperback - January 1,
2001 by Merrill I
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been required, particularly for air defence and interception. Before 3D radars, this was achieved with separate search radars (giving range and azimuth) and a third separate radar for height finding that could determine altitude.

3D Radar System and Future - Witan World

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penetrating radar (GPR) is a geophysical method that can provide high earth's surface, borehole radar systems are also available, where the subsurface is sampled using new or existing boreholes With the focus of this review on radar as The third objective involves assigning values of hydrogeologic properties (eg

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Over-the-horizon radar, or OTH (sometimes called beyond the horizon, or BTH), is a type of radar system with the ability to detect targets at very long ranges, typically hundreds to thousands

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of kilometres, beyond
the radar horizon,

which is the distance
limit for ordinary
radar. Several OTH

radar systems were
deployed starting in

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as part of early

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but ...

Over-the-horizon radar - Wikipedia

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example of an
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2 Chapter One

Introduction to Radar Systems and Signal Processing

$3 \frac{2R}{c}$; thus, if $A(t) > T(t)$ at some time delay t_0 after a pulse is transmitted, it is assumed that a target is present at range $R = ct_0$ (1.1) where c is the speed of light. Once an object has been detected, it may be desirable to track its location or velocity. A monostatic radar naturally

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