

# Abstracts

## Determination and Elimination of Hazardous Microwave Fields Aboard Naval Ships

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Z.R. Glaser and G.M. Heimer. "Determination and Elimination of Hazardous Microwave Fields Aboard Naval Ships." 1971 *Transactions on Microwave Theory and Techniques* 19.2 (Feb. 1971 [T-MTT] (Special Issue on Biological Effects of Microwaves)): 232-238.

A qualitative description of the way that the problems of radio frequency and microwave radiation hazards to personnel aboard Naval ships have been handled is presented. The prediction and measurement of microwave fields produced by typical equipment used for communication, command and control, surveillance, fire control, and navigation are discussed. A hazard evaluation survey conducted aboard a fictitious ship, which closely parallels that performed on actual ships, is described. Mentioned are the various methods and techniques used to define and control the potentially hazardous environment which is unique to the Navy.

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