



Grounding and Bonding for the Radio Amateur

**Good Practices for Electrical Safety,
Lightning Protection, and RF Management**

H. Ward Silver, NØAX





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PREFACE

This book is largely a distillation of expertise contributed by others, both professional and amateur. It is based on their thousands of hours of work to determine safe and effective ways of protecting ourselves and building our stations. The author recognizes that the “deep experts” pave the way for us and encourages the reader to follow up with the references and resources listed in the book. There is much more to this subject than could ever be included in this relatively introductory book.

Along with those who developed the know-how, the author is most appreciative of the reviewers and other sources who contributed to this book: Ron Block, NR2B; Dale Svetanoff, WA9ENA; Jim Brown, K9YC; Joel Hallas, W1ZR; Alan Applegate, KØBG; DX Engineering; and the ARRL Lab staff. Any remaining errors are those of the author.

A caution to the reader — the practices and recommendations in this book are not guaranteed to prevent damage to equipment or insure personal safety. It is the responsibility of the station builder to comply with all applicable standards and regulations, use adequately rated and listed materials, and maintain the station and equipment properly. If you are unsure of your ability to do the job correctly, hire a professional to perform or inspect your work. Where electricity is concerned, there is no substitute for careful work, attention to detail, and personal vigilance. Switch to safety!

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