

A Note

I am indebted to all who gave of their time to help me create this book originally, and I again extend my sincerest thanks and appreciation to each of them. *Modern Metal Detectors* is a better book because of their assistance. This completely revised edition with its emphasis on new computerized detectors for the 21st century has benefited from the kindness, understanding and efforts of many of the same people, plus countless others.

A very special "thank you" to my wife Eleanor, and my children, Charles, Jr., Deirdre Lynne, and Vaughan Lamar.

Roy Lagal, author and metal detector professional, after studying the original manuscript, suggested the title. He and I have been field "sidekicks" for more than 20 years. Much of what we have learned, that no one else would take the time to learn, will be found in this book.

Robert Podhrasky, Garrett Electronics' chief engineer, and I have spent countless laboratory and field hours for almost two decades discussing metal detection. My knowledge of detectors has been greatly strengthened because of our association.

Virgil Hutton, a trusted friend and field companion of Roy Lagal's and mine, made many valuable suggestions.

FBI Special Agents (retired) Dave Loveless and Richard Graham and I have spent much time together applying metal detection techniques to many law enforcement and security situations, including the 1984 Los Angeles Summer Olympic Games and the 1984 Republican National Convention.

Garrett distributors and dealers, too numerous to name, have made contributions singly and as a group to the success of our company and this book. These men and women work with metal detector users almost every day of the year. They are aware of the problems of detector operators and they know the questions these people want to ask.

Jim Cross of Cross International leads the way in industrial and general applications of metal detectors in underwater search and salvage.

From Ed Morris' military journalistic experience came the ability to collect, sort and present difficult material in precise, usable form. At the beginning, Ed helped sort many of my notes into an organized format.

My thanks also to Andretta Lowry, Becky Boyer, Mary Alice Penson and Georgia Montgomery for their most valuable editing and stenographic assistance.

Thanks also to many Garrett Electronics' personnel who were especially helpful, including Melvin Climer, Jack Lowry and numerous others.

The First Edition of this book took ten years to complete. At least, my earliest manuscript pages date that far back. A short while before I began to write the original of this *Author's Note*, I reviewed my early book *Successful Coin Hunting* and noticed that its First Edition printing date coincided with the earliest *Modern Metal Detectors* manuscript, 1974! Of, course that coin book has been totally revised since, and I have also written and revised *Treasure Recovery from Sand and Sea*, plus writing *Let's Talk Treasure Hunting*, *Real Gold in Those Golden Years* and *Ghost Town Treasures*.

There are numerous manufacturers of metal detection equipment, most of whom I know and can count as friends. I regularly test their products and compare them with those made by my company. Needless to say, I can find treasure with any of these instruments. Since any comments that I might offer concerning competitive products would be gratuitous at best, however, only Garrett metal detection equipment will be discussed and pictured in this book.

It is an extreme pleasure for me to present to those millions who use or have an interest in metal detectors this completely revised edition of *Modern Metal Detectors*. The addition of material on 21st Century computerized equipment truly enables it to live up to its title, and I am proud to present it.

Charles Garrett

Garland, Texas
Autumn 1995