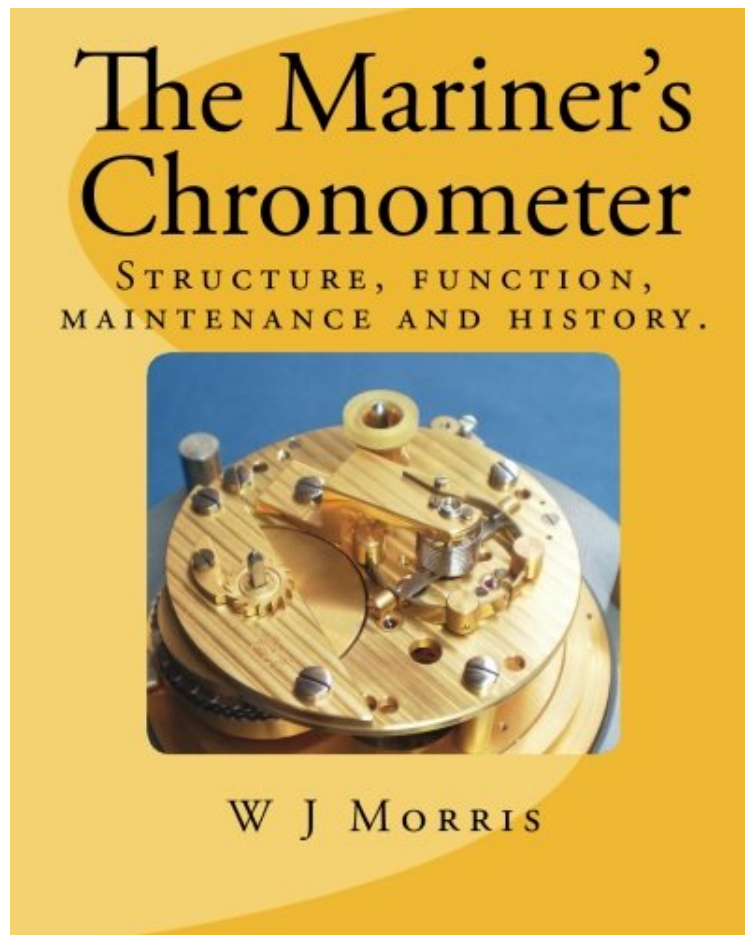


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The Mariner's Chronometer: Structure, function, maintenance and history.

W J Morris

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W J Morris : The Mariner's Chronometer: Structure, function, maintenance and history. before purchasing it in order to gage whether or not it would be worth my time, and all praised The Mariner's Chronometer: Structure, function, maintenance and history.:

3 of 3 people found the following review helpful. Excellent practical manualBy Murray J PeakeA couple of other reviewers were doubtful that this book is sufficient help for the inexperienced in clock repair to service a chronometer. However, I bought a Russian chronometer that suffered badly in the post and had no other option than attempt repairs myself - so with book in hand I dismantled, cleaned and reassembled the chronometer, which is currently ticking on my bench. You will have to modify screwdrivers, and buy tools for pulling hands and gears. There are some tricky points - I had trouble pulling the cannon pinion, and replacing the detent was a bit nerve-wracking. There is one minor omission in the reassembly instructions and sometimes I wished for an extra picture - nonetheless, I'd never serviced a clock before and I now have a working chronometer, so the book delivers on its promise4 of 4 people found the

following review helpful. The Mariner's ChronometerBy David HalloranThe Mariner's Chronometer is perhaps the best book on the subject currently available for the amateur. The explanations are clear; the English plain and to the point; key concepts properly illustrated. The book is up to date with a useful select bibliography. There is a fine summary on the chronometer's general development written from an engineering perspective which balances recent popular accounts. Mr Morris stands in the tradition of the great gentleman amateur Rupert T Gould and whilst respectful of professional horology is not in awe of it. He is not afraid to explain clearly to the reader how to open and repair these marvelous machines and he is obviously up to the task with rates of a second a day (ours is gaining five). My hope is that Mr Morris will go on and update Gould with the definitive study of the subject for the early 21C.1 of 1 people found the following review helpful. A must for the chronometer specialistBy TravelerThis book is completely different comparing to the available literature on marine chronometers. It makes clear matters that remain obscure in other books, like the detente interaction with the escape, oiling, overhauling, rating, etc. I believe nobody can regret of getting it. However, this book deserves to have a second edition with a more classic layout. It is printed in color with very illustrating big pictures, resembling a technical manual. Not bad at all, but a hardbound copy in around 6x9 inches with a professional layout would convert it in the "Chronometer Handbook". Thank you Mr. Morris, you helped me a lot.

This book, profusely illustrated in colour, takes the non-specialist reader through the detailed structure of the marine chronometer and explains its principles. It then guides the reader through the disassembly, cleaning, oiling and reassembly of marine chronometers, their rating, and preparation for transport, finishing with a substantial chapter on the evolution of the modern instrument. Some prominence is given to early French horologists, who are often neglected in English language texts. There is no other book quite like it and, as clockmakers with actual experience of working on chronometers become rarer, this book will be of interest to collectors, horologists, curators and indeed anyone with an interest in the technology of time and navigation.