

Preface to the Second Edition

The First Edition of the book being well-received and proving useful to our fellow seafarers, prompted us to work even harder on this edition! It has also been prescribed as one of the text books for the approved High Voltage Courses.

This book is the result of about 4 decades of learning, teaching and hands-on experience in the field of Marine Electrical Engineering, including years of research and collaboration with various organisations and specialists in the global maritime industry.

Keeping in mind the requirements of the STCW 2010 guidelines (effective from the 1st of January 2012), the material within has been prepared. It is intended to cater to the syllabi for Marine Engineers and Electro Technical Officers undergoing training to serve onboard commercial ships and those undergoing preparatory courses to qualify for the Certificate of Competency Examinations.

Excerpts from the books titled Marine Electrical Technology and Marine Control Technology (in this series of publications by us) have been used in order to maintain continuity with a few topics.

The question bank with over 500 questions in Chapter 11 – more than half of which have answers, will help to serve as a ready reckoner.

More than 400 relevant figures also include photographs that have been contributed by leading equipment manufacturers across the world.

This book is solely for academic purposes. It is therefore advised that care be taken by all concerned, to follow the instructions and equipment / systems' manuals issued by manufacturers of the equipment installed on board ships and in other similar locations. It is also advised that readers of this book must adhere to standard operating procedures and guidelines defined by all regulatory bodies and other concerned authorities in order to ensure the safety of personnel, safety of equipment on board ships / wherever operated and also the safety of the environment.

Though every effort has been made to cater to the training needs of the growing shipping industry and various institutions, any suggestions and advice for improvement are always welcome!

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