

DREDGING ENGINEERING

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649468096

Dredging Engineering by F. Lester Simon

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

F. LESTER SIMON

**DREDGING
ENGINEERING**

DREDGING ENGINEERING

McGraw-Hill Book Co. Inc

PUBLISHERS OF BOOKS FOR

Coal Age ▽ Electric Railway Journal
Electrical World ▽ Engineering News-Record
American Machinist ▽ Ingenieria Internacional
Engineering & Mining Journal ▽ Power
Chemical & Metallurgical Engineering
Electrical Merchandising



ADMIRAL: The Admiral—American Dredging Co., Phila., Pa.

DREDGING ENGINEERING

BY

F. LESTER SIMON, B. S. IN C. E.

Assoc. M. Am. Soc. C. E.

FIRST EDITION

McGRAW-HILL BOOK COMPANY, Inc.

NEW YORK: 239 WEST 39TH STREET

LONDON: 6 & 8 BOUVERIE ST., E. C. 4

1920

236361
AUG 13 1920
SVLD
SI5

1717680

PREFACE

With the reader's indulgence, we will explain just what this small book is by first defining what it is not. It is not a compendium of statistics. Neither is it a record of the actual performance of specific dredges of all kinds and under all conditions; nor yet a compilation of dredging cost data. Such information is already minutely available in the Annual Reports of the Chief of Engineers, U. S. Army, and in the records of the various departments of commonwealths and municipalities controlling dredging operations in their respective localities.

It has been the author's intention first to describe the principal types of dredge in such manner as to impart a fundamental working knowledge of their construction and operation, and then to consider, in concise form, the usual problems confronting the engineer in the conception and accomplishment of dredging projects.

Because of the fact that most literature upon the subject, having been presented in the form of papers and articles in the technical periodicals, is not only not readily available, but incomplete, in that each as a rule treats only of one particular phase of the subject, it is thought that a need exists for a comprehensive treatise, which should be helpful alike to the student and engineer. To fill this want has been the author's objective.

The importance of the subject, while not always apparent to the layman, is obviously paramount, involving the expenditure of many millions of dollars annually for the necessities of commercial life.

F. L. S.

BALTIMORE, MD.,
April, 1920.

