

CONTENTS.

	PAGE
PREFACE	V
CHAP.	
I. INTRODUCTORY	I
Economical Ship Service—Port Efficiency—Antagonism of Labour —Conservatism—Navigation Congress Conclusions—American Port Association Action.	
II. CARGO: VARIETIES AND CHARACTERISTICS	8
Classification—Bulk Cargo—General Cargo—Special Cargoes— Packing for Export.	
III. CARGO CARRIERS	16
Classification of Vessels—Capacity of Vessels—Eastern Tonnage Standards—Ships' Cargo Gear—Side Ports—Disposition of Ships' Gear—Ships' Cargo-Handling Equipment.	
IV. QUAYSIDE CARGO FACILITIES	29
Transit Sheds—Cargo Intensity and Quay Shed Accommodation —Railway Sidings—Overside Delivery—Road Access— Typical Instances.	
V. PROCESSES OF CARGO HANDLING AT THE QUAYSIDE	43
Exports—Imports—Discharge from Ship Overside—Transfer through Shed—General Comparison—Cost of General Cargo Handling.	
VI. QUAY CRANES	59
Tidal Influence—Development of the Quay Crane—Luffing and Compensating Gear—Crane Substructures—Quay Crane Re- quirements—Distant Control—Heavy Lift Cranes.	