

COALING, DOCKING,

AND

REPAIRING FACILITIES

OF THE

PORTS OF THE WORLD.

FIFTH EDITION.



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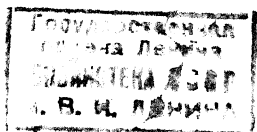
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G. v L. MEYER,

*Secretary of the Navy.*



*Уфа 21298-48.*

## INTRODUCTION.

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The first edition of this work appeared in 1885, in the form of a Report upon the Comparative Merits of Anthracite and Bituminous Coal, to which was added in a second edition, issued in 1888, a number of analyses and tests of different kinds of coal, together with corrections in the tables to that date. A third edition was issued in 1892, omitting the discussion of the relative merits of anthracite and bituminous coal; the form of the tables was altered in some particulars and many additions and corrections were made. A fourth edition was issued in 1900 and a supplement thereto in 1905.

In the compilation of the present edition information has been obtained from reports from cruising vessels and other official sources, from the proprietors of docks and industrial establishments, and from various commercial and technical publications, such as the Dock Book of the British Hydrographic Office, and Lloyd's Register.

This compilation was made by direction and under the supervision of Rear-Admiral Raymond P. Rodgers, U. S. N., formerly Chief Intelligence Officer.

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Approved:

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# I.

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EXHIBIT OF COAL TO BE HAD AT THE PORTS OF THE  
NORTH ATLANTIC, SOUTH ATLANTIC, PACIFIC,  
ASIATIC, AND EUROPEAN STATIONS.

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## COALING, DOCKING, AND REPAIRING

*Exhibit of coal, patent, and oil fuel to be had at the following*

Name of port.	Date.	Kinds of fuel on hand.	Tons of each at date.	Average supply during year.	Cost per ton or barrel at date.	Distance from coal pile to ship.
Port Arthur, Ontario.	Feb., 1909.	Youghiougheny coal.			\$3.45+duty	
		Pittsburgh coal.			\$3.45+duty	
		Anthracite coal.			\$6.50+duty	
Two Harbors, Minn.	Feb., 1909.	Bituminous coal.		Ample	\$3.60	
Duluth, Minn.	Feb., 1909.	Anthracite coal.			\$6.50	
		Bituminous coal.		Large.	\$3.35 to \$3.75	
Superior, Wis.	Feb., 1909.	do.		do.	\$3.45 to \$3.75	
		Anthracite coal.			\$6.50	
Washburn, Wis.	Feb., 1909.	Bituminous coal.		Ample	\$3.45	
Ashland, Wis.	Feb., 1909.	do.		do.	\$3.45 to \$4.00	
Hancock, Mich.	Feb., 1909.	do.		do.	\$3.45	
Marquette, Mich.	Feb., 1909.	do.		do.	\$3.25 to \$4.50	
Sault Ste. Marie, Mich.	Feb., 1909.	do.		do.	\$3.25 to \$3.50	
		Anthracite coal.			\$7.50	
Sault Ste. Marie, Ontario.	Jan., 1909.	Bituminous coal.	6,000	11,000	\$3.75 to \$5.50	On dock
Gladstone and Escanaba, Mich.	Feb., 1909.	do.		Ample	\$3.45	
		Anthracite coal.			\$6.50	
Green Bay, Wis.	Feb., 1909.	Bituminous coal.	20,000	Very large.	\$3.50	On dock
		Anthracite coal.	8,500	do.	\$6.25	do.
Manitowoc, Wis.	Feb., 1909.	Bituminous coal.		Ample	\$3.50	
Milwaukee, Wis.	Feb., 1909.	do.	45,000	Large	\$3.65	On wharf